DEPARTMENT OF GEOSCIENCES AND GEOGRAPHY A42

# Paleobiogeographic and Paleoecologic Development of the Old World Savanna Paleobiome during the Neogene

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UNIVERSITY OF HELSINKI
FACULTY OF SCIENCE

# **Paleobiogeographic and Paleoecologic** Development of the Old World Savanna Paleobiome during the Neogene

**FERHAT KAYA**

ACADEMIC DISSERTATION
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*Bir gerçeğe bel bağladım erenler*

*Aldı benliğimi bitirdi beni*

*Damla idim bir ırmağa karıştım*

*Denizden denize götürdü beni*

*Daimi*

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## Abstract

The study of paleobiogeographic development of Old World Neogene mammalian faunas has a long history. During the last decade further fossil data improvements and advancement in methods along with a focus on the context of paleoclimate change have offered new insights to reconstructing the paleobiogeographic development of the Negoene mammal communities. Recent studies produced with these new insights show that the development of mammal communities was influenced by changing climate and associated with the distribution of paleobiomes during the Neogene. The main objective of this study is build on these inspirational previous research by connecting local knowledge to broader scale perspectives for understanding the development and changes in the distribution of mammal communities between Eurasia and Africa during the Neogene. Large and small mammal fossil data were gathered during fieldwork campaigns in Anatolia and the most recent data from the New and Old Worlds database of fossil mammals were assembled. Genus-level faunal resembling index (GFRI), mean hypsodonty (mHYP), and genus-locality occupancy analyses were used to asses the paleobiogegraphic and paleoenvironmental development of the faunas and faunal provinciality, with a particular interest in understanding the biogeographic relationships between Eurasian and African late Miocene mammal communities.

Fossil materials of two glirid species from the late Miocene of Anatolia are described, diet preferences are reconstructed with dental microwear analysis, and the species richness of the Gliridae family is evaluated. This study shows that the family Gliridae was influenced dramatically by changing climate dynamics during the middle and late Miocene of Eurasia. New magnetostratigraphic age correlation results and its faunal composition indicate that the Çorakyerler is a typical representative of the Pikermian chronofauna, demonstrating strong faunal affinity to the those of African early late Miocene sites. The faunal similarity results of the Çorakyerler locality triggered new questions about possible intercontinental biogeographic relationships between the open habitat adapted mammal communities between Eurasia and Africa. To address this question faunal similarity and mHYP anlayses were performed on a large dataset encompassing the entirety of the Neogene localities of the Old World. The Lower Nawata (Turkana Basin, Lothagam Fm, Kenya) fauna selected as a reference locality due to its closer geological age to the Pikermi and its unique faunal composition which represents an overlap of two groups; one consisting of late Miocene taxa, mostly dispersed from Eurasia, and the second consisting of the early appearance of East African Plio-Pleistocene faunal elements, most of which remained restricted to Africa.

The combined results of this study illustrate that Neogene mammals were profoundly influenced by Neogene climate trends. Three significant paleobiogeographical stages in faunal developments of mammal communities in response to the changing environmental conditions are detected, supporting the conclusions of previous research. In the first stage, the pre-Neogene global tropical humid

forest type ecosystem continued until the middle Miocene and patchy protosavanna-type habitats appeared towards end of the middle Miocene. By the second stage, increasing aridity heralded the appearance of savanna type environments and fauna by the end of the middle Miocene. This transition was characterized by the replacement of early and middle Miocene forest adapted large mammal communities by open habitat adapted species in vast regions of the Old World. As demonstrated in this study, by the beginning of the late Miocene Eurasian and African open habitat adapted faunas developed as one spatially and temporally connected entity, defined as the Old World savanna paleobiome (OWSP). Genus level faunal similarity analysis of the Lower Nawata in addition to Pikermi, Baode, and Çorakyerler localities suggests that the OWSP flourished under the influence of the middle and late Miocene global cooling and aridification that resulted in the spread of open habitats across vast continental areas. This extensive biome eventually fragmented into Eurasian and African branches most probably due to pressure from increased aridification in North Africa and Arabia during the latest Miocene. Its Eurasian branches had mostly disappeared by the end of the Miocene, but the African branch survived and contributed to the eventual development of the Plio-Pleistocene African savanna faunas. The third stage was characterized by increasing faunal provinciality and mHYP of Plio-Pleistocene mammal communities throughout the Old World.

## Acknowledgements

*"As you step out on the way, the way appears."*
*Rumi*

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When I first started my doctoral studies my daughter was 6 months old. Since then she has grown into a verbal child of 5 and a half who now asks more often than I'd like, "Baba, when

will you finish your PhD?" To her I dedicate this thesis for her patience and understanding while many evening and weekends were spent in study that otherwise would have been spent together. I am thankful to my other half for the proofreading help and always reminding me that a 'rolling stone gathers no moss'. To mom I am grateful for allowing me to carry on collecting and filling up the house with shell fossils as a young child. My father bought me my first encyclopedia full of fossil photos when I was a middle school student. To my sister Zeynep and brother Nihat I appreciate your love and support.

# Contents

## List of original publications

This thesis is based on the following publications:

I Kaya, F., Kaymakci, N. 2013. Systematics and dental microwear of the late Miocene Gliridae (Rodentia, Mammalia) from Hayranlı, Anatolia: implications for paleoecology and paleobiodiversity. Palaeontologia Electronica 16(3):1-22.

II Kaya, F., Kaymakci, N., Bibi F., Eronen, J.T., Pehlevan, C., Erkman, A.C., Langereis, C., Fortelius M. 2016. Magnetostratigraphy and Paleoecology of the hominid bearing locality Çorakyerler, Tuglu Formation (Çankırı Basin, Central Anatolia). Journal of Vertebrate Paleontology 36(2) e1071710(12 pages).

III Kaya, F., Bibi, F., Eronen, J.T., Tang, H., Žliobaitė, I., Fortelius, M. Rise and fall of the Old World Savanna fauna and the origins of the African savanna biome. Submitted to Nature Ecology and Evolution. Under Review process.

The publications are referred to in the text by their roman numerals.
In addition unpublished analyses and results have been presented.

## Author's contribution to the publications

I Planned the field work and collected the fossil materials, studied the fossils, performed the analysis, and wrote most of the paper.

II Major role in designing the research, collecting the samples, performing the paleontological analysis, making the figures, and writing the paper.

III Major role in designing, planning and collecting the data, performing the analysis, writing the paper, and making the figures.

## Abbreviations

**AR:** Arabian Province
**CAS:** Central Asia
**CEE:** Central and Eastern Europe
**EAS:** East Asia
**EA:** East Africa
**GFRI:** Genus-level faunal resembling index
**HYP:** Hypsodonty
**mHYP:** Mean Hypsodonty
**MN:** Mammal Neogene
**MNEQ:** Mammal Neogene Equivalent

**NA:** North Africa
**NOW:** New and Old World Neogene Database
**NP:** Northern Paratetyhs
**OWSP:** Old World Savanna Paleobiome
**SAF:** South Africa
**SP:** Sub-Paratetyhs
**SW+SA:** Siwaliks and South Asia
**WE:** Western Europe

## List of figures


Appendices are published with the electronic version only, please visit
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# 1. Introduction

"*The mind, this globe of awareness, is a starry universe that when you push off with your foot, a thousand new roads become clear.*"
*Rumi*

The study of mammal biogeography and species adaptation in response to changing environments goes far back to the time of the Swedish naturalist Linnaeus. He believed in the singular creation of organisms by God and called himself "God's Registrar" thinking it his responsibility to catalogue all of God's creations. Linnaeus believed species were immutable and followed the myth of Noah's Ark to explain species diversity and dispersals; species inhabited and adapted to different ecological zones around the Mount Ararat and spread out from this center to respective environments over the globe (Briggs and Christopher, 2004). Comte de Buffon criticized Linnaeus's ideas about the origins and dispersal of life. Buffon was the first naturalist to recognize the taxonomic heterogeneity of species in similar environmental conditions and note the significance of geographical and ecological barriers considering species distribution. Buffon thought that life originated on northern landmasses and spread out southward due to cooling climate in the north. His unique contribution to modern biogeography was the influence of climate change on species and their adaptation to changing environmental conditions; known today as Buffon's Law. Alexander von Humboldt propounded the first vicariance argument related to the separation of Africa and South America based on plant biogeography and stressed the importance of understanding past climate through paleobotany studies. With the mention of the influence of changing climate and environmental conditions on the evolution of mammals Alfred Wallace cannot be forgotten. Wallace's great contribution to biogeography was the recognition of differences in geographical and taxonomic distributions of organisms across "Wallace's Line". He pointed out that periodic dramatic changes in the Earth's climate would influence the development of the faunas and cause periodic bursts of faunal change. Wallace's work found real significance after the contribution of Alfred Wegener's plate tectonics mechanism. It soon after became understood that the evolutionary history of living forms differs in geographically separate locations.

The uniformitarian concept developed during the Enlightenment period by Hume, Hutton, and Lyell came to the table again, but with a different approach: the past is a necessary window for looking into present, rather than the original statement: the present is the key for unlocking the past. It was recognized that the observed biodiversity of modern ecosystems, the origin and geographical distribution of species could only be understood by reconstructing past ecosystems. At this point paleontology became a key discipline for understanding not only past ecosystems but also current and future ones. Osborn (1910), in his book *The Age of Mammals in Europe, Asia, and North America*, considered Darwin to be the founder of modern paleontology because of the bridge he built between living forms and their ancestors in the past by applying the earth-forming principles of Hutton, which had been greatly improved and studied by Charles Lyell.

Darwin initially emphasized that biotic interactions are crucial for approaching evolutionary change: "*after long time attending to the subject, the conditions of life appear to act in two ways; namely, the nature of the organism,*

*and the nature of the conditions*" (Darwin, 1859). In classical paleontology evolutionary change was limited to describing organisms and taxonomical assignment in the phylogenetic tree within a chronological range. Although Osborn (1910) and Matthew (1915) mentioned the influence of climate and environmental change on mammal evolution, Simpson and Kurtén lifted the ecological approach in mammal paleontology to a more influential level. In the 1940s and 1950s, Simpson and Kurtén took the works of Fisher, Haldane, Dobzhansky, Mayr on synthetic theory in biology and applied them to a holistic approach in paleontology. Modern theories of evolutionary change like synthetic theory argued that fossil records also reveal many other valuable details about biological and environmental conditions. Kurtén and Simpson were key figures in taking the first steps towards carrying paleontology to the 'high table' of evolutionary studies, attracting the attention of biologists and changing the image of the paleontologist in biologists' minds (Gould, 1983). Simpson published one of his most celebrated articles *Mammals and Land Bridges* (1940) on types of species distribution with a strong reference to Matthew's work (1915). Simpson described three different types of migrations routes considering distribution patterns, origins and extinctions of mammal species. *Tempo and Mode in Evolution* and *Major Features of Evolution* were Simpson's classic works that played significant role in inspiring the progressive work of a later generation of paleontologists. In 1959, Björn Kurtén was invited to participate in a very prestigious symposium *Genetics and 20th Century Darwinism* held at Cold Spring Harbor, New York where he gave the landmark talk, *Rates of evolution in fossil mammals* (Anderson, 1992). Kurtén published his own version of *The Age of Mammals* in 1971with the inclusion of improved approaches in theory of evolution, updated knowledge of mammal biogeography and addition of new findings in fossil records, 61 years after Osborn. Additionally, in 1974 Kurtén gave an insightful speech about rates of evolution in mammals in a symposium joined by Simpson in Moscow (Anderson, 1992).

Biogeographical evolution of the open habitat (steppe/savanna like) adapted mammals of the Eurasian Neogene has been recognized well by the greatest of paleontology shortly mentioned above (Osborn, 1910; Kurtén, 1952, 1971). Osborn (1910) credits Gaudry's great work (1862) and rightly speculates about how the late Miocene Hipparion faunas of the Sub-Paratethys province dispersed geographically across vast regions of Eurasia and states that "*the late Miocene Hipparion fauna was the most famous, the most widely distributed, and the best known of all the mammalian faunas of the world*", at the time. Faunal similarities between the late Miocene Pikermian (named after the late Miocene rich mammal fossil bearing site Pikermi near Athens, Greece) and modern East African savanna faunas motivated Gaudry to postulate that the Pikermian shares more affinities with modern African savanna fauna than that of European Middle Miocene forest faunas (Osborn, 1910; Gaudry, 1862; Solounias et al., 1999). Kurtén (1952, 1971) mentions that the Pikermian (Late Miocene, or the Later Pontian as it known at that time) biome adapted to increasing savanna/steppe habitats and dispersed throughout a greater part of the Old World while the forest adapted browsing herbivores were dying out or became restricted to the shrinking wooded areas. The Hipparion fauna were represented by the Baoden chronofauna in East Asia as the eastern expression of the OWSP during the late Miocene (Kurtén, 1952; Eronen et al., 2009; Mirzaie Ataabadi et al., 2013). This

study and other recent studies based on the updated datasets and improved methods for assessing the Late Miocene Old World mammal faunas recall the foresights of these giants (Gaudry, Osborn, and Kurtén) of the mammal paleontology (Bernor, 1983; Eronen et al., 2009; Solounias et al., 1999; Solounias et al., 2010; Mirzaie Ataabadi et al., 2013; Fortelius et al. 2014).

Eco-morphologic adaptations, like increased hypsodonty and cursoriality of the late Miocene open habitat adapted mammal faunas, such as those seen in the Pikermian chronofauna are interpreted to represent savanna ecosystems (Gaudry, 1862; Osborn, 1910; Kurtén, 1952, 1971; Webb, 1983; Janis, 1982). The degree of hypsodonty is considered an indication of browsing vs. grazing feeding habits and increased hypsodonty has been linked to the expansion of grasslands in previous studies (Kowalevsky, 1874; Matthew, 1926; Simpson, 1951, Stebbins; 1981). Later studies demonstrate that the degree of hypsodonty of herbivore mammals cannot tell about a certain diet type or vegetation preferences (Stirton, 1947; Fortelius, 1985; Janis, 1988; Fortelius and Solounias, 2000). Fortelius et al., (2002) and Eronen et al. (2010) show that hypsodonty is a good proxy to predict mean paleoprecipitation and can be employed to reconstruct paleoenvironmental conditions. Hypsodonty as an ecometric trait is a survival tool (concerning durability) for ungulates to rely on under extremely harsh environmental conditions (Fortelius, 1985; Fortelius et al., 2002; Eronen et al., 2010; Liu et al., 2012; Žliobaitė et al., 2016). The study of the ecomorphology of mammals, ecometrics, bridges the gap between an organism and its environment on the basis of selected functional traits that operate with the changing environment.

## 1.1 Thinking Locally and Connecting Globally

As a PhD student trained under the auspices of this tradition shortly summarized above I acquired a unique perspective, seeing locally-driven research questions but attempting to situate these questions within a broader scale of relatability in the context of paleobiogeographic and paleoecologic dynamics. In this regard, this study consisted of three main phases. Firstly, the fossil materials and magnetostratigraphic samples were collected during the different field campaigns in Anatolia. The second phase included the systematic study of the fossils, analysis of magnetostratigraphic samples, and assemblage and improvement of the data by updating the faunal elements of the African Neogene in NOW database on the basis of recently published literature. In the third and final phase the paleobiogeographic and paleoecologic patterns of the Neogene Old World mammal communities were examined, and the concept of faunal provinces was reinterpreted by using the GFRI, mHYP, and genus-locality occupancy analyses.

Neogene paleogeography of the Old World has been a significant parameter in explaining the dispersal of mammal faunas. However, reconstructing the development and biogeographic changes in faunal distributions of the mammal communities from the Neogene of Old World has been a complex matter mainly due to quality of the fossil record. Accumulations of chronologically and taxonomically revised and resolved data sets for the Old World Neogene and advancements in methodologies during the last decade have provided better tools and broader perspectives to investigate paleobiogeographical development of the Neogene mammal chronofaunas. Recent studies based on these

improvements show that the development of mammal communities is associated with changing climate and environmental factors such as the desiccation of Paratethys sea, uplifting of the Tibetan Plateau, initiation of monsoon climate, Gomphotherium landbridge, Middle Miocene Thermal Maximum, Middle Miocene Crises, Rift Valley Tectonics, Vallesian Crises, onset of Sahara desert, Messinian salinity crises, and expansion of open areas and grasslands during the Neogene of Old World (Zachos et al., 2001; Eronen, 2006; Liu et al., 2012; Mirzaie Ataabadi et al., 2013; Fortelius et al., 2014). In this regard, this study aims to understand the development of and changes in the distribution of mammal communities in chronofaunal scale between Eurasia and Africa during the Neogene with a specific focus on the late Miocene. The paleobiogeographic history of the Old World Neogene mammals and the main patterns and boundaries of faunal provinces have been established in general outlines by previous studies (Bernor, 1983, 1984; Nakaya, 1994; Agustí and Anton, 2002; Nargolwalla, 2009; Eronen et al., 2009; Liu et al., 2012; Mirzaie Ataabadi et al., 2013; Fortelius et al., 2014). Based on results produced during this PhD study, I hypothesize that the late Neogene open habitat adapted mammal chronofaunas developed as connected entities of a paleobiome that was dispersed throughout most of the Old World. To test this hypothesis GFRI, mHYP, and genus-locality occupancy analyses were performed. This study together with the previous research (Agustí et al. 1999; Benammi et al.1996; Bernor 1983; Fortelius et al., 1996; Steininger et al. 1985; Eronen, 2006; Nargolwalla, 2009; Eronen et al., 2009; Liu et al., 2012; Mirzaie Ataabadi et al., 2013; Tang, 2013; Fortelius et al., 2014) shows that paleobiogeographic evolution of the Neogene mammal communities at chronofaunal scale in space and time displays statistically and virtually visible patterns in response to the environmental and climatic changes in the Old World.

At the beginning stage of my study I described the fossil material of Gliridae (Rodentia, Mammalia) recovered from the late Miocene of the Hayranli locality and began to assess the spatial and temporal distribution of the Gliridae family (dormouse) in the context of local to regional scales under the influence of major paleoenvironmental and climate changes (Paper I). The Dormouse family is one of the oldest groups of rodents that first appeared around 40 million years ago most probably in Europe. They dispersed widely between 20 and 8 million years ago, diversifying into a number of species and occupying different habitats across Europe, Asia, and Africa. Anatolia, as a geographical crossroads among these continents, has various localities that have yielded important dormouse fossil remains ranging from the Oligocene to recent times. Studying fossil glirids from the late Miocene of Anatolia surfaced new questions in my mind concerning their paleobiogeography and diversity patterns in the context of environmental changes during the Neogene of Old World. Additionally dental microwear analysis on glirid species indicated their feeding preferences and habitat settings during the late Miocene. An abrupt decrease in the number of forest adapted Gliridae species during the middle and late Miocene coincides with a significant increase in the number of hypsodont large mammals, probably suggesting the increase and spread of open habitat adapted mammal species in Eurasia.

Paleobiogeography, paleoecology, and the estimated magnetostratigraphic age correlation of the Çorakyerler fauna, a hominid bearing locality

from the late Miocene of central Anatolia, shows that mammal assemblages adapted to savanna like environment that distributed across a vast region in Eurasia and Africa during the middle late Miocene. As part of the Pikermian chronofauna, the Çorakyerler has a significant faunal composition and it shows high faunal similarity to the North and East African late Miocene faunas (Paper II). Moreover, Çorakyerler's *Ouranopithecus turkae* indicates that hominid primates survived until almost 8Ma in favorable habitats in the Eastern Mediterranean. It has been argued that fossil great apes were part of the late Miocene open habitat adapted fauna and may have extended their range into East Africa between 8-7 Ma, and giving rise to the Plio-Pleistocene African savanna fauna and early hominids (Nakaya, 1994; Solounias et al, 1999; Begun et al., 2012; Agustí, 2015). This faunal similarity pattern among the Sub-Paratetyhs, North and East African faunas triggered new questions in my mind about the possible intercontinental biogeographic relationships of the open habitat adapted mammal communities between Eurasia and Africa.

As the last part of my PhD project, I focused on understanding paleoenvironmental and faunal structure of mammal communities, and their biogeographic distribution between Eurasia and Africa during the Neogene, and more specifically the origins and development of the open habitat adapted mammal faunas in both continents (Paper III). I apply the results of the genus level resemblance index to the selected Eurasian and African faunas to reconstruct geographic distribution of faunal similarities of the Neogene mammal communities in the Old World with a specific focus on the African late Miocene and development of the savanna biomes. This study is an attempt to reconstruct the development history of the open habitat adapted faunas in the context of environmental and climate changes during the late Neogene.

# 2. Materials and Methods

## 2.1 Data and Chronology

*"I look at the natural geological record, a history of the world imperfectly kept, and written in a changing dialect; Of this history we possess the last volume alone, relating only two or three countries. Of this volume, only here and there a short chapter has been preserved; and of each page, only here and there a few lines"*

*Darwin, 1859*

The fossil material studied in Paper I was collected during the 2009 fieldwork campaign by the author, expanding the previously collected material by Hans de Bruijn and Gercek Sarac during the late 1990's. Seventy-three well preserved isolated glirid cheek teeth were described (Paper I). The data used in richness analysis of Gliridae family was gathered from the NOW database (Fortelius, 2016). Additionally, the data used in Paper II and III are derived from the NOW database as well. All NOW localities from the late middle Miocene to the latest Miocene (MN7/8 to 13) of the Old World were included in the faunal similarity and mHYP analysis in the Paper II. The dataset of Paper III includes all sites between 23 to 1.8 Ma, encompassing European Mammal Neogene (MN) units 1 to 17 (Hilgen et al., 2012). The majority of the African Neogene mammal fauna has been updated by the author and other researchers in the NOW database (open access) based on the latest published literature, but updated records were mainly from related chapters in the tome, *Cenozoic Mammals of Africa* (Werdelin and Sanders, 2010).

The Neogene Mammal Zones (Mein, 1975) constitute biochronologic zonation system that correlates fossil land mammal localities based on taxa occurrences (Agustí et al., 2001). Each MN interval is designated by a set of criteria relating

to its taxa composition, including the first and last appearance of mammal species in the fossil record (FAD and LADs), the recognition of immigrant taxa, and taxa that are characteristic of specific temporal periods. The chronological boundaries of the MN zones are revised periodically and currently 17 Neogene zones (13 Miocene, 4 Pliocene), two subzones (2a and 2b), and Quaternary zones (Q) are recognized (Guérin 1989; Mein 1989, 1979; Hilgen et al., 2012). Fossil localities are unevenly distributed in individual MN units, both temporally and spatially. Chronologically MN units show different time frames, it ranging from ~0.5 to ~2.5 million years. The number of localities tends to be higher in longer MN units and locality coverage of each the MN units shows variation considering different geographical ranges and temporal duration of some key taxa (Fortelius et al. 1996; Jernvall and Fortelius, 2004). The Old World Neogene terrestrial stratigraphy is discontinuous, which has impeded magnetostratigraphic correlation. The majority of Eurasian and African Miocene localities used in this study rely on biochronologic methods to provide a relative chronological position of their constituent faunas. However, the distribution of the Eurasian and African large terrestrial mammals is uneven, both geographically and temporally. Biochronological units are categorized by using the combination of information gathered from taxa and reference localities in Europe and Asia, while African localities clustered in very coarse units defined by fauna (Pickford, 1981) (Fig. 2). Additionally, Spanish, Greek-Anatolian-Iranian, Siwaliks, Chinese, North and East African biozonations show heterochroneity in provincial scale (Fig. 2). Currently a common or standardized use of Eurasian and African biochronology or biozonation is unavailable. As the provisional common standard usage for Eurasian and African mammal biostratigraphy this study follows the MN-unit equivalent biochronology. All localities were assigned an MN-unit equivalent (MNEQ) age according to where their computed midpoint fell in the MN correlation scheme based on the minimum and maximum MN boundaries given in Hilgen et al. (2012).

## 2.2 Imaging the glirid teeth (Paper I)

Before performing Scanning Electron Microscope (SEM) imaging, all teeth were measured with the Olympus SZX10 stereomicroscope in mm units by using the analySIS work program (v.5.0) (Olympus Soft Imagining Solutions). In total 34 isolated teeth from *Microdyromys koenigswaldi* and *Myomimus maritsensis* specimens were imaged with SEM. Of the total teeth studied only 12 lower second cheek teeth were suitable for microwear analysis. Teeth were oriented according to the hypoconid surface in order to achieve the best SEM image of the microwear features. SEM images of the specimens were taken using the JXA-8600 Jeol electron probe (20kv, 1nA) microanalyzer in composition backscattered-electron (BSE) image mode for visually improved topographic results. Using the BSE mode was advantageous for revealing the topography of the occlusal dental pattern and surface relief in detail, thanks to Pasi Heikkilä for the great suggestion. Although BSE images were used to study the general pattern of the tooth surface, we used normal SEM images to photograph microwear features. Some features in the BSE images were vague creating some difficulty in identification of fine scratches.

## 2.3 Dental microwear analysis of glirid teeth (Paper I)

Microwear analysis is an alternative way of estimating an animal's diet before its death by investigating the micro traces on the occlusal surface of a tooth left by chewing activity. Ecological behavior and habitat requirements of this animal to some extent can be deduced by the results of the analysis. Twelve selected second lower molars of the glirid collection recovered at

the Hayranlı locality from the late Miocene of Anatolia were included in the analysis, and the microwear patterns (scratches and pits) on the occlusal surface of the hypoconid were investigated. Scratches and pits were measured from the scanning electron images taken at x450 magnification of a 0.01 mm2 area on the center of the hypoconid facet. Some of the samples did not permit the measurement of microwear features due to taphonomic alteration. The general methodology of the microwear analysis follows the previous studies of Hautier et al. (2009) and Gomes Rodrigues et al. (2009) as adapted from Merceron et al. (2005). Microwear features were counted and measured using analySIS work (v.5.0) (Olympus Soft Imagining Solutions). Statistics were calculated with the PAST (v.2.13) program. A univariate analysis of variance (ANOVA) was performed on the microwear variables.

## 2.4 Magnetostratigraphy of the Çorakyerler locality (Paper II)

Magnetostratigraphic age correlation is one of the most useful age estimation tools when a studied section is lacking volcanic sediments for absolute dating methods. Unfortunately, the natural form of the Çorakyerler section did not allow us to follow a long sampling section. However, 40 paleomagnetic samples were gathered from 18 different levels. The bottom boundary of the Çorakyerler section is not exposed in the NW part of the Çankırı Basin, making the actual thickness of the section undeterminable in the sampling. Along the same lines the upper 30 m of the clastic section was not sampled due to very steep topography with very thick soil cover material. Following the clastic section, the Çorakyerler section is succeeded by a very thick gypsum and buff to yellowish grey marl alternation, reaching to more than 200m in places, that is not suitable for magnetostratigraphical studies, (i.e. c.a. 230m of the upper part of the section is also missing). The sampled section is associated with mass flow deposits, which have a relatively rapid rate of deposition, and are followed by evaporates and marls with a relatively slower rate of deposition.

## 2.5 Faunal Occupancy of the Old World Neogene Mammals (Synopsis)

The data set includes large and small mammals from all sites between 23 to 1.8 Ma, encompassing European Mammal Neogene (MN) units 1 to 17 (Hilgen et al., 2012), utilized to calculate genus level occupancy of the Neogene Eurasian and African mammals. All localities were assigned an MN equivalent age according to the midpoint of their respective MN units given in the NOW database. Taxonomic groups of large and small mammals from the provinces of the Old World Neogene localities are included and separately analyzed for each MN unit. The orders proboscideans, artiodactyls, perissodactyls, primates, and carnivores are included in the analysis of large mammals, while the small mammals are composed of the orders rodents, lagomorphs, and insectivores. The fossil record of small mammals was represented well in most of Western and Central Europe, North and Sub-Paratehys and Central Asia, and East Asia provinces, however their temporal ranges and completeness fluctuates strongly due to their specific ecological behaviors, morphological specialization, rapid evolution, and narrow niche preferences. Due to these disadvantages small mammals are often excluded from the macroecological analysis of land mammal biogeography, paleoenvironment and provinciality of the Old World Neogene. In this study, small mammals were included in the occupancy analysisin addition to large mammals.

The ratio of the total number of localities a genus occurs in to total localities is employed to calculate genus level occupancy for each MN unit. Results are grouped by family level and the most important families, with more than 100

occurrences through the entire record, are shown in the graphics. The JMP Pro 11 statistic program was used to organize and group the data, and for creating the graphics as well. The graphics were post-processed in Adobe Illustator CS4 to give the final shape.

## 2.6 Recognition of the savanna paleobiome (Synopsis and Paper III)

Biomes are defined as "*the world's major communities, classified according to the predominant vegetation and characterized by adaptations of organisms to that particular environment*" (Reece et al., 2010). According to Shelford and Olson (1935) "*biome is the primary unit of bioecology, a community of formational rank in the largest sense of term. The biome characterized by uniformity and phsyiogonomy of the plant climaxes and in a lesser way by the climax stages. A certain grouping of species and varieties is characteristic of each biome. The biome or bioecological formation is based upon both plants and animals*". Today, most terrestrial biomes are named for their predominant vegetation and major climatic features (Fig. 2). Savannas (the word derived from the West Indian *zabana*) are one of the world's major terrestrial biomes and exist in Afrotropics and Indo-Malayan realms (Fig. 2) (Berling and Osborne, 2006). These ecoregions characterized by rainfall levels between 900-1500 mm per year and are comprised of a mixture of grasses including $C_4$ and $C_3$ types and trees (World Wildlife Fund, 2016). The warm savanna grasses are mostly $C_4$ type and have originated from $C_3$ grass predecessors. The $C_4$ photosynthetic pathway is advantageous to increase photosynthetic efficiency under high temperatures, low water availability, and low $CO_2$ concentrations (Berling and Osborne, 2006). The origin and expansion of savanna type biomes have been linked to changing climate, decreased $CO_2$ levels, increased fire activity, herbivory, and a shift in $C_3$ to $C_4$ grasses; however, due to these multiple interacting factors the primary driving condition remains a matter of substantial debate (Berling and Osborne, 2006; Lehmann et al., 2011).

There are large numbers of mammals including grazers, browsers, and carnivores that live on the savannas. Owen-Smith (1987) proposed that mammal herbivory activity has a profound influence on the vegetation cover of a habitat. Modern savanna ecosystems consist of highly interactive and interconnected ecological dynamics of trees, shrubs, and grasses as parameters both influencing and influenced by large mammals (McNaughton and Georgiadis, 1986; McNaughton et al., 1988; Olff and Ritchie, 1998; Charles-Dominique et al., 2016).

Paleontological recognition of a biome requires several multi-proxy data of faunal, floral, climate, and environmental conditions. GFRI and mHYP analyses employed to reconstruct spatial and temporal distribution faunal assemblages and paleoenvironmental conditions of the Old World savanna paleobiome. In this study, savanna is construed in its broadest sense to include all open-country formations including woodlands, open deciduous forests, thorn scrubs, and grasslands representing a larger area encompassing the distributional boundaries of the Pikermian (Sub-Paratethys), Baodean (China), and Nawatian (East Africa) chronofaunas.

## 2.7 The term chronofauna and the faunal province concept (Synopisis and Paper III)

The Old World savanna biome is a single ecological continuity formed throughout the paleobiogeographic interactions of the chronofaunas from geographically distinct provinces as a response to global climate and environmental change by the end of the middle Miocene to the latest Miocene. This conclusion does not contradict biogeographic provinciality or

heterogeneity in geographic range of genus and species level distribution both spatially and temporally. In fact, heterogenetic structure of provinciality intersects with the dynamic structure of the chronofauna concept explained by Olson (1952, 1981): "*The chronofauna consists of a network of interrelating organisms, interrelating through ecological constraints of diet, environment (subenvironment) and so on. At a given time, it consists of a series of species, each playing a particular role. The structure of the network thus established persists through time, the roles remain more or less constant. The occupancy of a particular "role", however, may change, i.e., a new species (or genus) may replace and old one. Or, a species may be added from the outside, replacing one present or to some extent 'co-occupying' the role. It basically is the structure that persists as long as it is intact, the chronofauna exists. There may be evolution within the system...*" (Boucot, 1990).

The term chronofauna (like the Pikermian, Baodean, and Nawatian) has been used in previous studies (Webb, 1969; Eronen, 2006; Eronen et al., 2009; Mirzaie Ataabadi, 2010; Mirzaie Ataabadi et al., 2013). In this study, the chronofauna concept is employed as a computational entity based on the spatial and temporal distribution of faunal similarity in a selected large mammal assemblage. The GFRI and mHYP analyses reveal the large scale paleobiogeographical and paleoecological patterns within computational chronofaunas as well as surfacing their sum changes over time. Different statistical algorithms performed for the faunal similarity analyses such as Dice, Jaccard, Simpson, and Raup-Crick were used to describe the spatial and temporal boundaries of the chronofunas, but they all yielded almost similar similarity trends. Here I show only the Raup-Crick GFRI.

In previous studies, faunal province (or zoogeographic provinces) concept developed to cluster spatial and temporal distributions of extinct mammal communities based mainly on the correlation between geographic proximity and degree of faunal similarity of taxonomic identities by Bernor (1978, 1983, 1984), Nakaya (1994), Fortelius (1996), Nargolwalla (2009), and Mirzaie Ataabadi (2010). Nargolwalla (2009) recognized four different bioprovinces based on in-situ evolution; first and last appearance of marker fossil mammals, and the clustering of faunal similarity indices in continental Europe and Western Eurasia. However, chronological distribution of mammal fossil localities of the Eurasian Miocene for each MN units is uneven and their spatial distribution is incomplete, which creates difficulties to estimate the temporal and spatial ranges of fossil mammals (Jernvall and Fortelius, 2004). Boundaries of the faunal provinces (Fig. 2) are modified in accordance with Bernor, 1983; Fortelius et al., 1996; Nargolwalla, 2009; Mirzaie Ataabadi, 2010, and Mirzaie Ataabadi et al., 2013.

## 2.8 Faunal Similarity, Mean Hypsodonty, and Geospatial Mapping (Synopsis, Paper II, and III)

Recent advances in Geographic Information Systems (herein referred to as GIS) technology used for mapping have significantly contributed to a better understanding of distribution patterns in space and time in response to different variables like faunal similarity and mHYP. Modern GIS programs offer a variety of visual presentations for spatially referenced large data. The ability to present data in a 3- or 4- dimensional context provides a better visual display, while enabling pattern recognition within and between various types of data (Eronen, et al., 2009). The analysis derived with GIS programs, MapInfo 11.5, QuantumGIS 2.14 Essen, and LeapFrog Geo 3.1 were utilized in plotting the localities, interpolating the data, and creating the 2D and 3D maps used in this study.

The genus-level Raup-Crick faunal resemblance index (GFRI) was calculated (Raup

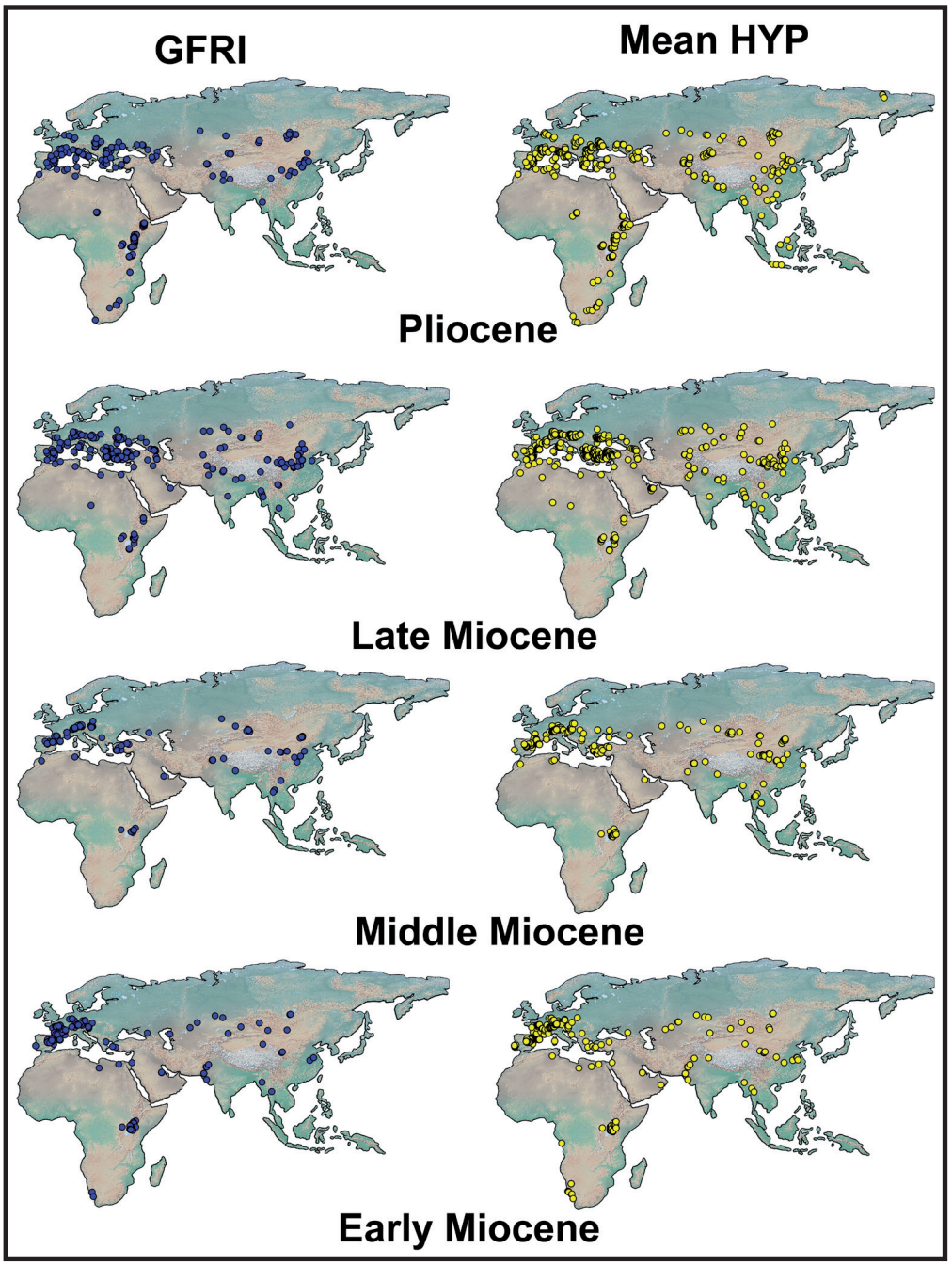



**Figure 1.** Spatial positions of the Neogene Old World fossil localities used in the faunal similarity and mHYP analyses.

and Crick, 1979) between the selected localities and all other available localities using PAST 3.13 (Hammer et al., 2001) (Fig. 1). In Paper II and III, the general procedure of locality inclusion by Eronen et al. (2009) was followed: localities with a minimum of seven large mammals identified by at least genus rank were included in Paper II and localities with a minimum of five large mammals in Paper III. In Paper II, results are plotted onto present-day maps and interpolated between the localities using MapInfo 11.5 and interpolations are shown by thematic mapping and grid interpolation with the following settings: 20 km grid size; 800 km search radius; 800 grid borders. The interpolation method engaged an inverse distance-weighted algorithm (IDW). In Paper III, the similarity results were imported into the LeapFrog Geo 3.0.1 GIS program as point data to create a three-dimensional geospatial interpolation block using the spheroidal interpolant function. LeapFrog Geo 3.1 uses the Kriging interpolation technique with a mathematical model called FastRBF, a geostatistical method that quickly generates an estimated output isosurface from a scattered set of points with age (z) values for large datasets. It involves using known (z) values and weights determined as a function of distances between the unknown and known points. The points that are far away have far less influence than points that are close in IDW. Kriging is a statistical method that makes use of variograms to calculate the spatial autocorrelation between points at graduated distances. Both interpolation methods gave approximately similar estimations, and Kriging is the only interpolation option available in the LeapFrog Geo software. Using the Kriging brings some advantages for spatial analysis: first, if you use a large dataset in a three dimensional space Kriging is much faster than IDW; second, Kriging gives more accurate interpolation estimations for the spatially georeferenced data points in intercontinental scales and long time frames. In this study, the GFRI results of some selected localities (Table 1) from the Neogene of the Old World are included to offer a visualization of the pattern of long scale chronofaunal development.

A taxon free approach on the basis of the functional morphology of selected traits and distribution of those traits in space and time is a successful methodology for reconstructing paleobiogeographical and paleoenvironmental patterns of mammal communities in local and regional scales. One of the most interesting and effective ecometric method was introduced first by Fortelius et al. (2002) and followed by Fortelius et al. (2003, 2006), Jernvall and Fortelius (2002, 2004), Eronen (2006), Eronen and Rook (2004), Eronen et al. (2009, 2010), Mirzaie Ataabadi et al. (2013), Paper II, and Paper III in this study. It uses the average value of tooth crown height (hypsodonty) from mammal fossil molar teeth to estimate robust humidity and aridity paleoenvironmental settings. Categories of mHYP including brachydont, mesodont, and hypsodont are recorded in the NOW database. In the databases, each species assigned to a category based on the ratio of height to length of the second (upper or lower) molar. According to the original results of this formula, brachydont teeth have a ratio below 0.8, ratio of mesodont teeth ranging between 0.8 to 1.2, and hypsodont over 1.2. However, in previous researches hypsodonty categories assigned the values 1, 2, and 3, which is a conservative approach and value of the ratio is the same for each category. The mean hypsodont y is calculated for each site by averaging these category scores. In this study, mHYP comparisons relied only on the large mammals (orders: Artiodactyla, Perissodactyla, Proboscidea, and Primates) from sites encompassing (23–1.8Ma). All NOW localities from Eurasia and Africa were included in the study. I calculated mean ordinated crown height of 2292 localities in total with a minimum of two crown height scores (Fortelius et al., 2002) available from the same time bracket defined for the GFRI analysis (Figs. 6 and 7 in this study and

Fig. 1 in Paper III). Interpolated slices for the mHYP data were generated by using spheroidal

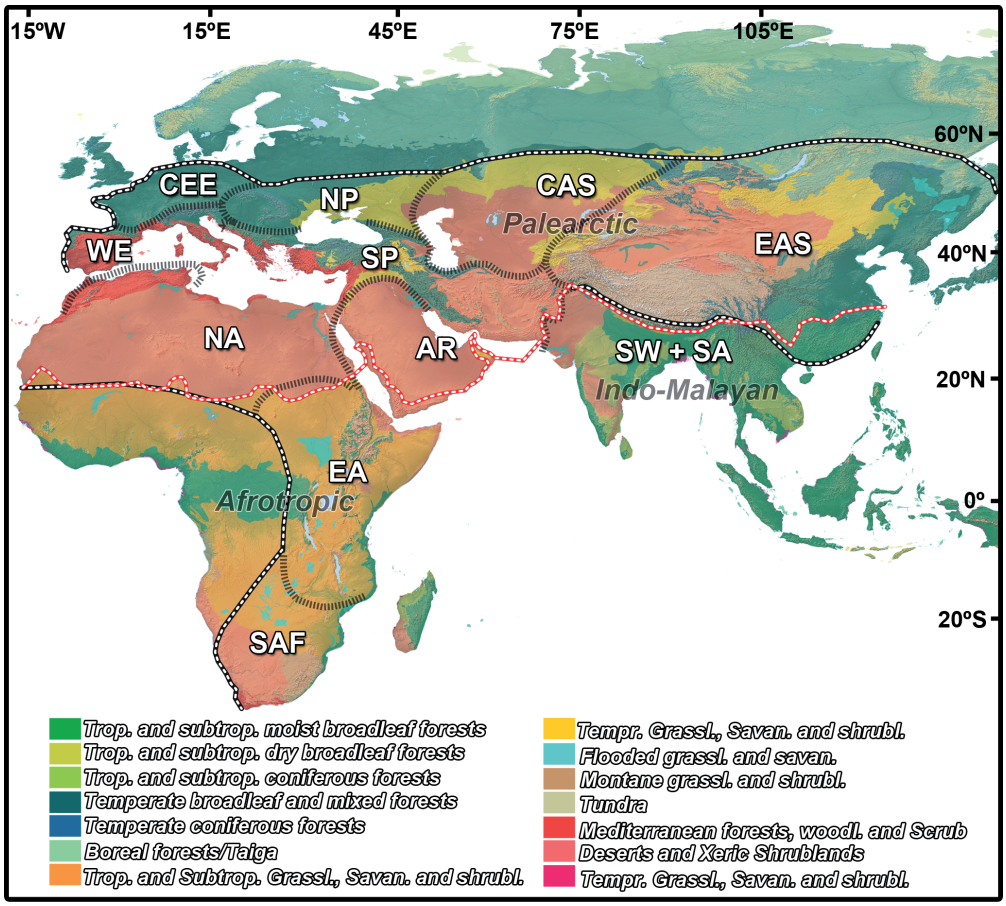



**Figure 2.** Geographical provinces in this study are shown on the recent terrestrial ecoregions with the biogeographical realms of the Old World. The black and white dashed line shows the robust estimation of zoo-geographic provinces recognized in this study. Stepped lines do not necessarily represents the faunal province borders but emphasize the permeability among the faunal provinces, which was controlled by ecological conditions in different time intervals. Red and white dashed line shows the horizontal boundary of the recent biogeographic realms. Terrestrial ecoregions and biogeographic realms adopted from Olson et al., 2001. Abbreviations; WE: Western Eruope, CEE: Central and Eastern Europe, NP:Northern Paratetyhs, SP: Sub-Paratetyhs, CAS: Central Asia, EAS: East Asia, SW+SA:Siwaliks and South Asia, NA:North Africa, AR: Arabia, EA:East Africa, and SAF:South Africa. Zoo-geographic faunal provinces modified after Bernor, 1983; Nakaya, 1994; Fortelius et al., 1996; Nargolwalla, 2009; and Mirzaie Ataabadi et al., 2013.

**Table 1.** List of selected Old World faunas from the Neogene used in this study.

| Locality Name | PDL* | Age (Ma) | MNEQ** | N |
|---|---|---|---|---|
| Koobi Fora Ridge 2 | Kenya | 2-1.86 | 17 | 45 |
| Siwalik Pliocene | Pakistan | 4.2-3.4 | 16 | 13 |
| Perpignan | France | 4.2-3.4 | 16 | 26 |
| Layna | Spain | 4.2-3.4 | 16 | 15 |
| Aramis (Lower) | Ethiopia | 4.4 | 15-16 | 32 |
| Çalta 2 | Turkey | 5-4.5 | 14 | 15 |
| Saitune Dora | Ethiopia | 5.57 | 13 | 23 |
| Asa Koma | Ethiopia | 5.7 | 13 | 38 |
| Adu Dora | Ethiopia | 5.7 | 13 | 7 |
| Alayla | Ethiopia | 5.7 | 13 | 24 |
| Upper Nawata | Kenya | 5.9 | 13 | 41 |
| Sahabi | Libya | 7 | 13 | 26 |
| Menacer | Algeria | 6.2 | 13 | 10 |
| Wadi Natrun | Egypt | 6.2 | 13 | 14 |
| Albertine 1 | Uganda | 6.2 | 13 | 24 |
| Mpesida | Kenya | 6.5 | 13 | 10 |
| Toros-Manella | Chad | 6 | 13 | 30 |
| Lower Nawata | Kenya | 7.44-6.54 | 12-13 | 47 |
| Azmaka 1-4 | Bulgaria | 7 | 12 | 24 |
| Baode | China | 7.1-5.3 | 13 | 35 |
| Pikermi | Greece | 7.2 | 12 | 49 |
| Baynunah | United Arab Emirates | 8-7 | 11-12 | 15 |
| Çorakyerler | Turkey | 8.11-7.64 | 11 | 25 |
| Chorora | Ethiopia | 8.5 | 11 | 8 |
| Samburu Hills (Namurungule) | Kenya | 9.2 | 10 | 16 |
| Nakali | Kenya | 9.8 | 9 | 15 |
| Ngorora | Kenya | 9.8 | 9 | 14 |
| Bou Hanifia | Algeria | 10.5 | 9 | 13 |
| Tunggur Moergen | China | 12.5-11.2 | 7/8 | 32 |
| La Grive St Alban | France | 12.5-11.2 | 7/8 | 59 |
| Siwalik Middle Miocene | Pakistan | 16.4-11.2 | 5-7/8 | 20 |
| Sansan | France | 15.2-12.5 | 6 | 46 |
| Pasalar | Turkey | 15-14 | 6 | 40 |
| Maboko | Kenya | 15.2-12.5 | 6 | 38 |
| Fort Ternan | Kenya | 13.8 | 6 | 27 |
| Beni Mellal | Morocco | 15.2-12.5 | 6 | 5 |
| Engelswies | Germany | 16.5 | 4-5 | 13 |
| Nachola | Kenya | 19-15 | 3-4 | 6 |
| Sihong_songlinzhuang | China | 18-17 | 4 | 17 |

| Locality Name | PDL* | Age (Ma) | MNEQ** | N |
|---|---|---|---|---|
| Bukwa | Uganda | 18-17 | 4 | 19 |
| Ryskop | South Africa | 18-17 | 4 | 7 |
| Can Canals | Spain | 18-17 | 4 | 19 |
| Wadi Moghara | Egypt | 20.5-16.4 | 3-4 | 24 |
| Gebel Zelten | Libya | 20.5-14.8 | 3-4 | 29 |
| Songhor | Kenya | 19.5 | 2-3 | 33 |
| Negev | Israel | 20-17 | 2-3 | 11 |
| Zinda Pir | Pakistan | 23-16.4 | 1-4 | 10 |
| Paulhiac | France | 23-22 | 1 | 23 |

*PDL stands for “Present Day Location (country)”; **MNEQ stands for MN-unit Equivalent”.

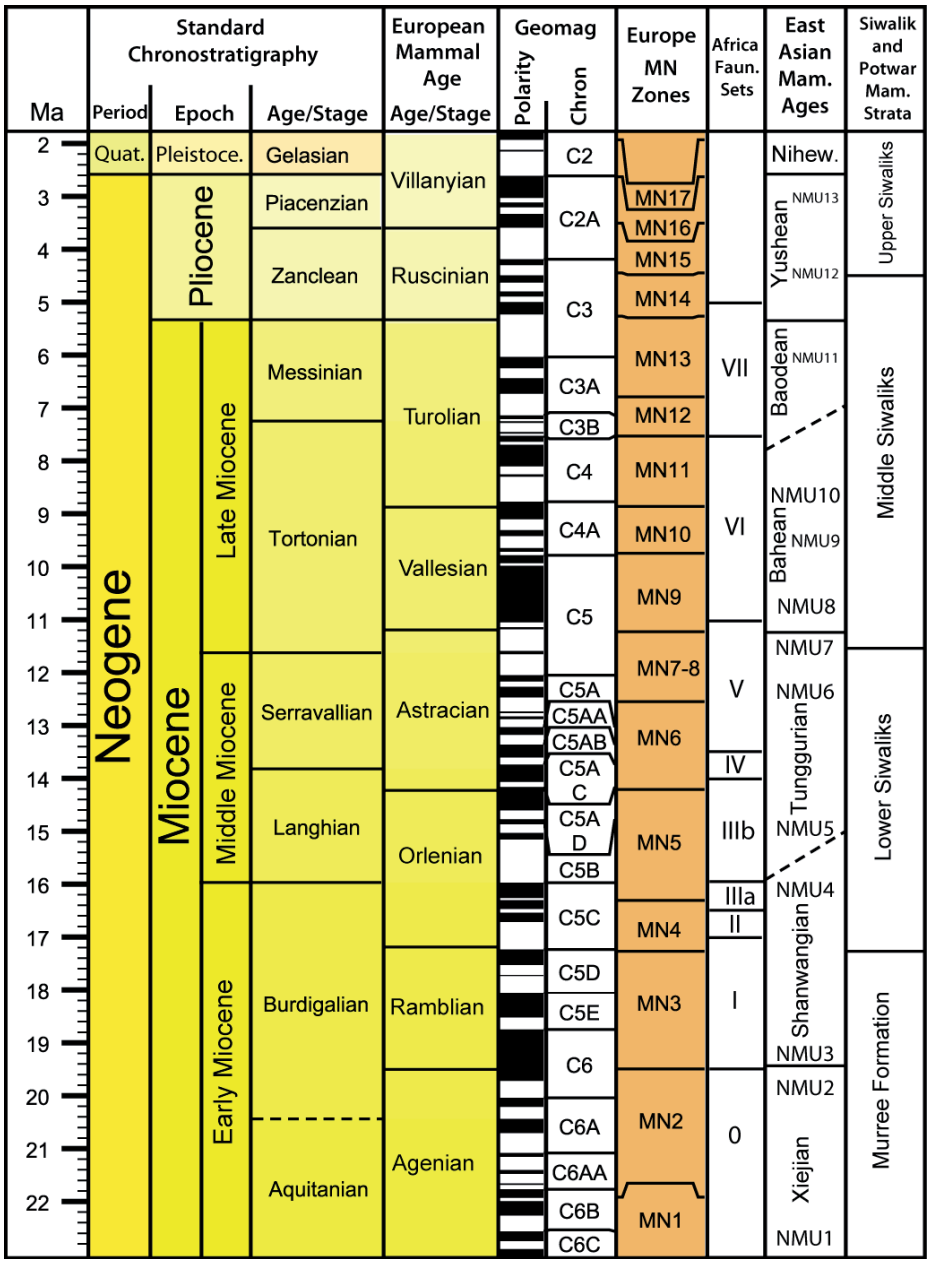



**Figure 3.**Temporal association of European mammal zones with their African, East Asian and Siwalik (Siwalik Hills and Potwar Plateau) equivalent biochronological units followed in this study. African faunal sets follow Pickford (1981) with correlation to European chronology after Van der Made (1999). East Asian mammal ages follow Wang et al (2013) and Qui and Li (2003). Siwaliks and Potwar Plateau major mammal biostratigraphy follows Wang et al (2013). Stratigraphic chart created with Time Scale Creator 7.0 software following the age model of Ogg et al. 2016 and the mammal biochronology (MN units) of Hilgen et al. 2012.

# 3. Overview of the original publications

## 3.1 Paper I

*Systematics and dental microwear of the late Miocene Gliridae (Rodentia, Mammalia) from Hayranlı, Anatolia: implications for paleoecology and paleobiodiversity (Kaya and Kaymakci, 2013)*.

Paper I centers on the systematic description of two different dormouse genera, dating around 8 million years, recovered from the late Miocene of the Hayranlı locality in central Anatolia. One of these is an extinct genus, *Microdyromys koenigswaldi*, and is most probably ancestor to the living forest dormouse. The other, *Myomimus maritsensis*, is an extinct species resembling the living tailed dormouse. Dental microwear analysis was conducted on cheek teeth of the studied taxa (*Microdyromys* and *Myomimus*) to understand the relationship between their dietary preferences and habitat settings. Microwear patterns (scratches and pits) on the surface of lower second molars on both species suggests that these species of dormouse had a diet that involved a combination of insects, fruit, seeds, and grasses —pointing to a more generalist behavioral adaptation to the seasonal availability of foods.

Gliridae species mostly occupied the early and middle Miocene habitats of Europe, and the relative abundance of the Gliridae species coincides with general Cenozoic terrestrial climatic events. According to data derived from the NOW database, the first glirid members appeared during the late Eocene through the early Oligocene in Europe, and the number of species remained limited during this time frame. At the end of the late Oligocene and beginning of the early Miocene a massive adaptive radiation of Gliridae family members occurred and the number of Gliridae reached their highest peak of paleobiodiversity. The first fossil records of Gliridae are known from İnkonak M.R.6 (Kargı Section) in Anatolia and date back to the latest Oligocene and earliest Miocene (25.3-23.2 Ma) (De Bruijn et al., 1991; Krijgsman et al., 1996). As temperatures rose, Gliridae adapted to different habitats and dispersed geographically to a wide range of locations in Europe and Asia. The dramatic decline of the glirids commenced during the middle Miocene, which can be attributable to environmental changes such as aridification, seasonality, and open country extension occurred at the end of this time unit. The earliest fossil record of glirids in Africa is the extinct genus *Microdyromys* from the middle Miocene of Morocco and Algeria, and it was followed by occurrences of graphiurines (*Otaviglis*) from the late Miocene of South Africa and Namibia (Jaeger, 1977). Graphiurines (*Graphiurus*) persisted in Africa during the Plio-Pleistocene in the South and East African sites. Additionally, *Eliomys* is known from the Plio-Pleistocene of the North African sites (Winkler et al., 2010). Today two extant subfamilies of Gliridae are known in Africa: Graphiurinae (*Graphiurus*) in sub-saharan Africa and Leithiinae (*Eliomys*) in North Africa (Winkler et al., 2010). This lends to the consideration that Gliridae dispersals to Africa might have occurred several times; first appearing by the Miocene or earlier, and continuing during the Messinian (uppermost stage of the late Miocene, Fig. 2) from Iberia, and the Pleistocene from the Eastern Mediterranean. Drastic decrease in the number of Gliridae especially the ones adapted to an arboreal lifestyle and a warm and humid climate continued probably due to ecosystem changes, which mostly occurred from the middle Miocene to the late Miocene in the Eastern Mediterranean and adjacent regions. There is significant faunal change from forest dwellers to ground dweller species shown by the increase in *Myomimus* findings from a number of localities during the late Miocene — probably attributable to the replacement of forested wetlands with open woodland and steppe-like environments. The relative richness of glirids

show two incidences where the number of species dramatically declined over a relatively short period of time. It seems that cooling was the main driver of the decrease in species diversity during the middle Miocene Climatic Optimum. The second decrease during the Vallesian could be influenced by the Vallesian Crises, characterized by the disappearance of forest adapted faunas mostly in Western Europe. In addition, as an impact of the late Miocene cooling trend biotic interactions of glirids with the other small mammal groups like Muridae could played important role in the decrease of their biodiversity. The massive appearance of murids that occurred during the Vallesian (MN9 and 10) in Europe coincided with a sudden decrease in the number of Gliridae —attributable either to the arrival of Muridae or the Vallesian crisis, or both. By the late Miocene, and during the Plio-Pleistocene the increased occurence of ground dwellers, like *Myomimus*, can serve as evidence of the faunal change from forest dwellers to ground dwellers.

## 3.2 Paper II

*Magnetostratigraphy and Paleoecology of the hominid bearing locality Çorakyerler, Tuglu Formation (Çankırı Basin, Central Anatolia) (Kaya et al., 2016).*

Paper II includes a new magnetostratigraphic age and novel interpretations of the paleoecologic and paleobiogeographic settings of Çorakyerler, a hominoid bearing locality from the late Miocene of central Anatolia. The significance of Çorakyerler from the late Miocene of Çankırı basin in central Anatolia lies in the diversity and chronology of its mammal fauna. Faunal richness and hominid findings at Çorakyerler have attracted the interest of many specialists, but its geological age and paleoecological structure remained pending. In this study magnetostratigraphic analysis was conducted in order to determine the most precise age of this section for the first time. The paleomagnetic results reveal two intervals of normal polarity and an intervening period of reversed polarity in the main fossiliferous section. Of the three likely age correlations spanning 8.13–7.15 Ma (MNEQ 11–12), we favor a correlation with chron 4n, with a possible age range of the fossiliferous deposit between 8.11 and 7.64 Ma (late MN 11). Additionally, considering the age of Tuğlu Formation (to which Çorakyerler belongs), on the basis of its fauna it can be deduced that the Çorakyerler section is most likely related to lower section of the Tuğlu Formation and closer to the middle Turolian age. The depositional environment of the Çorakyerler indicates lacustrine environmental conditions in contrast with contemporaneous sites with fluvial conditions. However, GFRI analysis shows that the Çorakyerler was a typical representative of the Pikermian chronofauna and part of the Old World savanna paleobiome during the late Miocene. The main result we found that like other hominoid bearing localities Çorakyerler shows locally humid settings in regionally drier conditions.

## 3.3 Paper III

*Rise and Fall of the Old World Savanna Fauna and the Origins of the African Savanna Biome (Kaya et al., submitted, under review)*

This study presents a new interpretation of the development and expansion of the late Miocene savanna type paleobiome in the Old World and the origin of the African savanna biome. Genus-level faunal similarity to the Lower Nawata fauna from the late Miocene of East Africa and mean ordinated hypsodonty paleoprecipitation proxy analysis in combination with paleoclimate modeling employed to examine the development of this biome. As a result we show that Eurasian and African open habitat adapted faunas developed as a spatially and temporally connected entity that

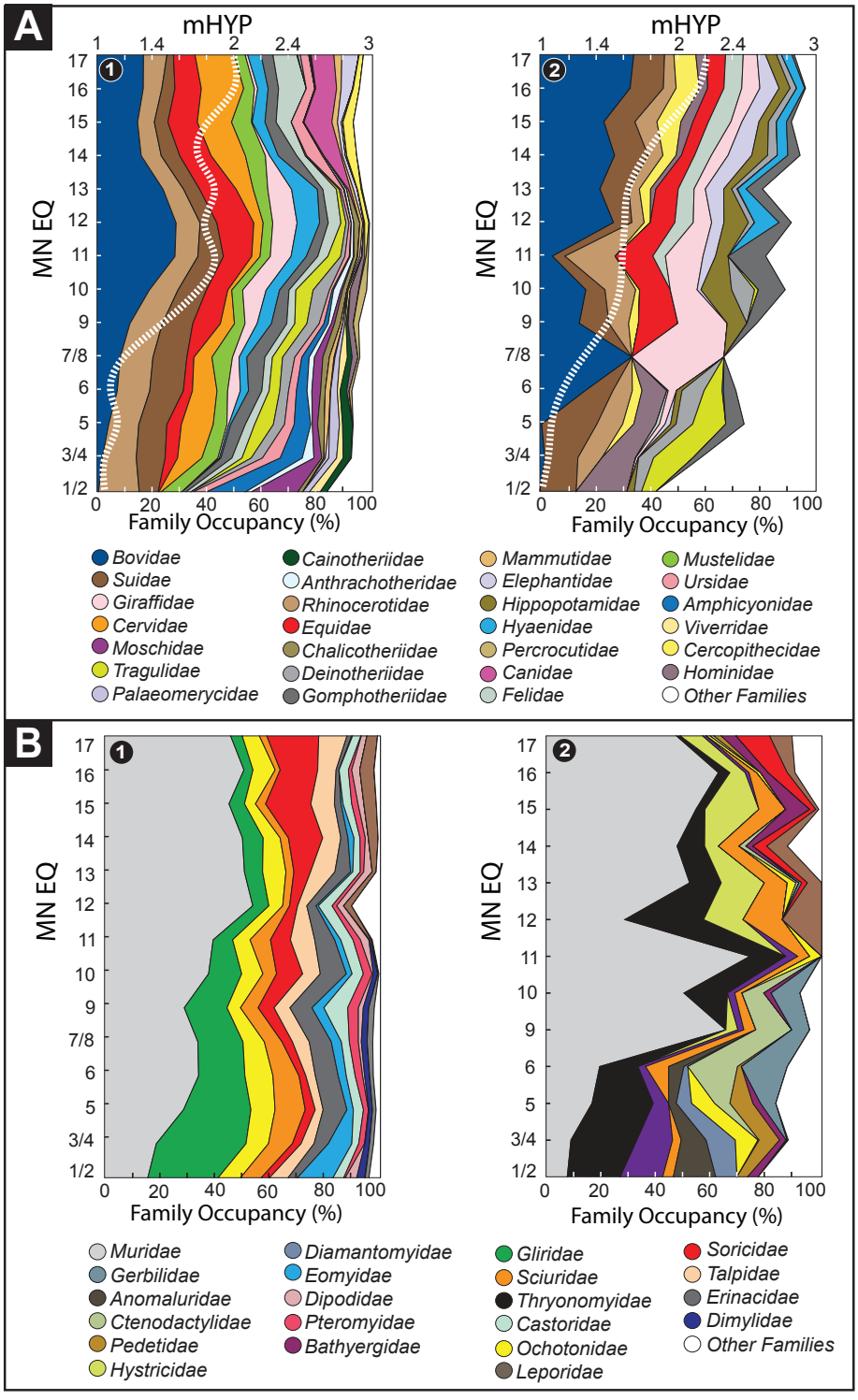
we term the Old World savanna paleobiome (OWSP). Genus level faunal similarity analysis of the Nawatian (East Africa) chronofauna in addition to the Pikermian and Baodean chronofaunas confirm that the OWSP flourished under the influence of the middle and late Miocene global cooling and aridification that resulted in the spread of open habitats across vast continental areas. This extensive biome fragmented to Eurasian and African branches due to increased aridification in North Africa and Arabia during the latest Miocene. Its Eurasian branches had mostly disappeared by the end of the Miocene but the African branch survived and eventually contributed to the development of Plio-Pleistocene African savanna faunas, including their early hominins. The modern African savanna fauna is thus a continuation of the extensive Old World savanna biome, which at its peak covered much of the Old World.

# 4. Discussion

## 4.1. Paleobiogeographic and Paleoecologic Development of the Neogene Old World Mammals

Buildup histories of the Neogene mammal communities show different biogoegraphical patterns in response to the changing environmental and climatic conditions at various intervals during the early, middle and late Miocene, and Plio-Pleistocene (Fig. 6). According to the GFRI and mHYP analysis the early and middle Miocene terrestrial habitats were mostly humid and occupied by predominantly brachydont or mesodont elements (Figs. 6 and 7). The mHYP gradient indicates two significant changes in adaptive radiation of mammal communities in response to the changing environmental conditions of the Old World Neogene (Fig. 4 A1 and A2). A significant pattern in domination of brachydont species during the early and middle Miocene depicts the presence of humid and forested habitats in vast areas of the Old World. Genus level faunal similarity of the selected localities (Table 1) from the early and middle Miocene of the Old World shows similar trends with slight local heterogeneities continuing almost until the end of the middle Miocene (Figs. 6 and 7). During the early and middle Miocene, intercontinental faunal exchange was possible between African and Eurasian provinces.

Connection between land masses increased the faunal interactions among mammal communities. The community composition of mammal assemblages started to change by the end of the middle Miocene; the mHYP curve shows an increasing trend towards higher values in Eurasia and Africa and at the beginning of the late Miocene an evolution of a new chronofauna with different ecological behaviors emerged in the Old World (Fig. 5C and Fig. 6). There were significant changes in genus-locality occupancy of large and small mammals at the transition of the middle to late Miocene (Fig. 4A and B). By the end of the middle Miocene the heterogeneity in faunal similarity trend lines increased (Fig. 6) in response to the increasing seasonality in most areas of the today's Palearctic and Afrotropic realms, confirmed by the mHYP results. This section contains my preliminary synthesis and discussion about the development of the Old World Savanna paleobiome in the context of the history of major paleoenvironmental events and faunal changes during the Neogene mainly based on the general implications of the genus-locality occupancy, genus level faunal similarity, and mHYP analysis performed in this study (Figs. 4 to 7). The discussion of faunal similarity of the late Miocene is based on Paper III (Fig 1).


A
mHYP
1
1.4
2
2.4
3
MN EQ
17
16
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9
7/8
6
5
3/4
1/2
0
20
40
60
80
100
Family Occupancy (%)
Bovidae
Suidae
Giraffidae
Cervidae
Moschidae
Tragulidae
Palaeomerycidae
Cainotheriidae
Anthrachotheridae
Rhinocerotidae
Equidae
Chalicotheriidae
Deinotheriidae
Gomphotheriidae
Mammutidae
Elephantidae
Hippopotamidae
Hyaenidae
Percrocutidae
Canidae
Felidae
Mustelidae
Ursidae
Amphicyonidae
Viverridae
Cercopithecidae
Hominidae
Other Families
B
Muridae
Gerbilidae
Anomaluridae
Ctenodactylidae
Pedetidae
Hystricidae
Diamantomyidae
Eomyidae
Dipodidae
Pteromyidae
Bathyergidae
Gliridae
Sciuridae
Thryonomyidae
Castoridae
Ochotonidae
Leporidae
Soricidae
Talpidae
Erinacidae
Dimylidae
Other Families

**Figure 4.** (Page 29) Genus-locality occupancy data for the large (A) and small (B) mammals from the Neogene of Eurasia (A1 and B1) and Africa (A2 and B2). The results are combined at the family level for each MNEQuivalent unit. Families with more than 100 occurrences through the entire record are shown in the graphics. All other families with lower than 100 occurrences through the entire record are grouped into the "other families". Mean ordinated hypsodonty curves are shown with dashed white line for Eurasian and African large mammals (A1 and A2). There is gap of small mammal fossil record at MNEQ 7/8 in Africa.

### 4.1.1. Early Miocene (MNEQ 1 to 4): The Old World Forest Paleobiome

The early Miocene environment of the Old World was predominated by humid and forested conditions characterized by weak seasonality and shallow temperature gradients, most probably due to the late Oligocene and early Miocene global expansion of tropical belts (Fortelius et al., 2014). However, some paleobotanical data indicate the presence of dry seasons in Africa (Ruddiman et al., 1989; Bonnefille; 2010; Strömberg, 2011). On the other hand, paleobotoanical evidences from Rusinga and Mfwangano Islands indicate lowland evergreen forest, gallery, or riverine forest sources (Andrews and Van Couvering, 1975). Previous studies on the paleoenvironments of early Miocene Africa (especially East Africa) credit the presence of a variety of environmental conditions ranging from savannas to forest conditions (Andrews and Van Couvering, 1975). The earliest Miocene faunas in Africa, equivalent to the MNEQ 1-2 (Aquitanian), indicate a low faunal resemblance to those of Eurasia. It has been argued that Africa was geographically separated from Eurasia during the Oligocene and earliest Miocene which led to the development of endemic African fauna (van Couvering, 1972). During this time paleogeographic configuration of the terrestrial land masses allowed intra-Eurasian faunal exchanges (Rögl, 1998).

Mean ordinated hypsodonty values are very low in Eurasia and Africa during the early Miocene, indicating the domination of brachydont forest adapted species. Many mammalian taxa of the early Miocene persisted from the Oligocene, thus the earliest Miocene ecosystems were inhabited by small to medium sized species like archaic artiodactyls, perissodactyls, moschoids, rhinos, and amphicyonids (Fig 4A1). During the early Miocene species of cervids, rhinos, traguloids, proboscideans, and suids were common and dispersed widely throughout the Old World. Occupancy proportions of the suids, rhinos, primates, deinotheres, and gomphotheres were higher in Africa (Fig. 4A2). Besides the large mammals, the early Miocene environment witnessed a significant abundance and diversity of the Gliridae family in mainly European provinces (Paper I). Parallel to its species diversity the complexity of dental patterns, often connected to arboreal lifestyle in accordance with the humid and forested environmental conditions of the early Miocene, increased as well (Paper I). While genus occupancy of the Gliridae is higher than all other small mammal families during the early Miocene in Eurasia (mostly in Europe), thyronomid, anomalurid, and pedetid rodents made up the majority of species in African habitats.

During the early Miocene the collision of the Afro-Arabian and Anatolian tectonic plates interrupted the Tethys seaway and formed a terrestrial bridge that allowed intercontinental dispersal of some mammal elements between Africa and Eurasia (Agustí and Antón, 2002; Rögl 1999; Rögl and Steininger 1984; Steininger et al. 1985). This intercontinental connection between Afro-Arabian and Eurasian landmasses appeared at around 19 Ma and is known as the best-documented migration event of mammals with significant consequences for the faunal changes in Eurasia and Africa. Dispersal of African taxa like proboscideans and apes into Eurasia and Eurasian originated mammals like ruminants, pigs, and carnivores into Africa became possible by this terrestrial connection, *Gomphotherium* Landbridge (Rögl, 1999; Tassy, 1990; Agusti and Anton, 2002; Sen, 2013). The presence of African originated

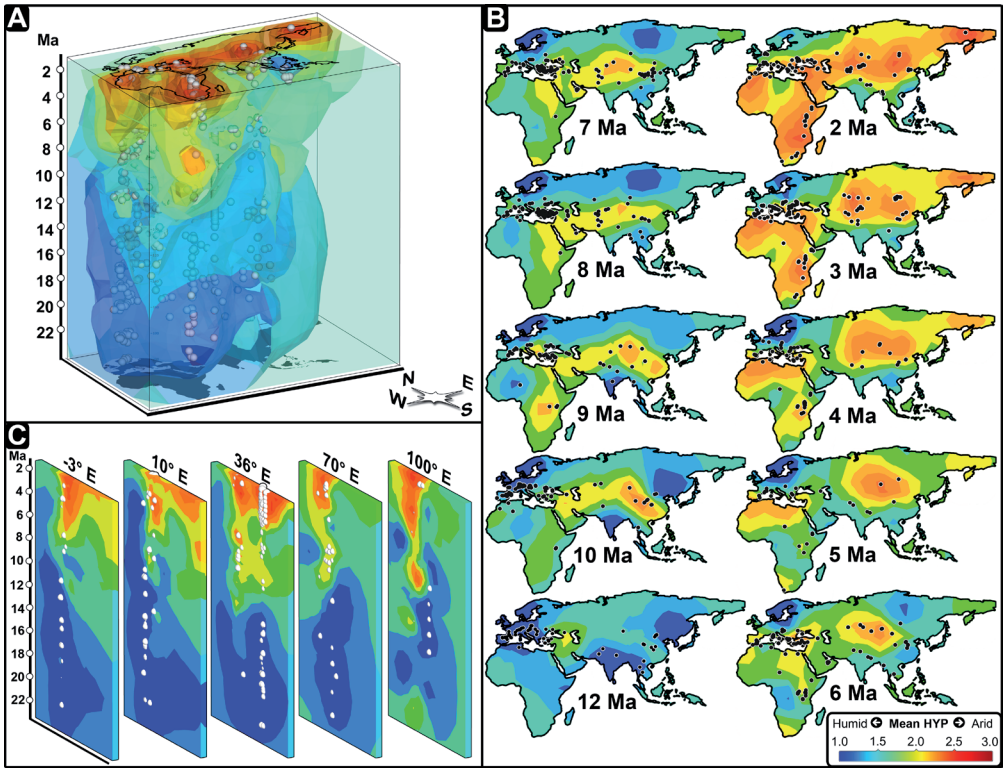


**Figure 5.** (A) 3 dimensional spatiotemporal block (southwest view) of the mean ordinated tooth crown height from the early Miocene to the late Pliocene with temporal slices (B) from the time (Z) axis and vertical slices (C) from East axis of the block are shown. White circles indicate spatial position of the localities in A and C, and block dots in B.

anthracothere *Brachyodus* and proboscidean *Gomphotherium* in Eurasia present typical evidence of these intercontinental exchanges. Eurasian originated rodent families like Sciuridae, Spalacidae, Muridae, Ctenodactylidae, Myocircetodontinae, and Afrocricetodontinae arrived in Africa at this time. Early Miocene sites listed in Table 1 show great affinities and extension in the vast regions of the Old World. *Dorcatherium, Brachyodus, Cynelos, Bunolistriodon, Gomphotherium Brachypotherium*, and *Deinotherium* were the most common shared faunal elements of the Old World mammal localities. Although closed habitat adapted faunas dominated the early Miocene, the *Hispanotherium* fauna shows the early emergence of the open habitat adapted fauna in Europe and Central Asia (Fortelius et al., 2014).

Combined GFRI curves of the early Miocene faunas indicate two main patterns at ~21 Ma and ~17 Ma represented by low mHYP (Fig. 7). The mammal communities similar to the earliest Miocene faunas reached their peak during 21 Ma while faunas similar to latest early Miocene and earliest middle Miocene reached their highest similarity between 17 to 15 Ma.

### 4.1.2. Middle Miocene (MNEQ 5 to 7/8): Development of the Old World protosavanna

The beginning of the middle Miocene was characterized by the Langhian transgression that

caused the reopening of the Tethys Seaway to the Indio-Pacific Ocean for a geologically short time period (Rögl, 1998). The global temperature curve reached the highest peak of Neogene, known as the Middle Miocene Thermal Maximum, and a number of African originated taxa, mostly brachydont fruit eaters and browsers, species of giraffes and hominoids followed the migration of the vegetation cover adapting to warm and tropical conditions in Eurasia and diversifying greatly (Feakins and deMenocal, 2010; Bonnefile, 2010; Fortelius et al., 2014). During the middle Miocene, intensification of the Antarctic ice cap and polar cooling shifted the Earth's climatic belts northward and low and mid-latitudes of Eurasia became subtropical (Fortelius et al., 2014). Mean ordinated hypsodonty values of the provinces resemble that of early Miocene until the 14 Ma (Fig.5). In the Old World, after the onset of global cooling around 14Ma, warm-temperate evergreen broadleaf and mixed forests, and humid conditions in early and middle Miocene were replaced with colder, drier open habitats, and climatic trends showed increased seasonality with a prominent decrease in summer precipitation (Pound et al., 2012; Fortelius et al., 2014).

Sclerophyllous vegetation adapted to seasonal and arid conditions spread geographically in the Sub-Paratethyean province (Solounias et al., 1999). It has been suggested that the uplift of Tibetan Plateau and shrinkage of Paratethys Sea have been the main physical causes behind these climatic changes triggering the development of open area adapted mammal fauna in Eurasia (Eronen, 2006). Mean ordinated hypsodonty gradients depict the emergence of the first open habitat adapted mammals towards the end of the middle Miocene (Fig.4A and B, and Fig. 5) (Fortelius et al., 2002, Fortelius et al., 2006, Eronen et al., 2010, Fortelius et al., 2014). Another outstanding evolutionary change in mammal species of the middle Miocene is the trend towards increased body size and more-elongated distal limbs. These adaptive changes are often connected with a higher ingestion of low quality vegetation and increasing cursoriality, which can be linked to the expansion of open and low-productive habitats. Climatic and environmental trends linked to the shift towards open areas such as; the progressive uplift of the East African Rift system and intensification of Asian Monsoons were influential in Africa. African middle Miocene faunas show strong biogeographic relations to the Eurasian faunas at this time. Tugen Hills (~15.6 Ma, Kenya), Samburu Hills (~13.2 Ma, Kenya), Fort Ternan (13 Ma, Kenya), and Nyakach (~13 Ma, Kenya) extended their range greatly into Eurasian habitats. Sansan, Engelswies, and La Grive St. Alban in Europe, Beni Mellal, Fort Ternan, Maboko, and Nachola in Africa, Paşalar and Çandır in Turkey, and Tunggur Moergen in China show strong biogeographic similarity patterns (Fig. 6 and 7). Biogeographic connections between East Africa and Sub-Paratethys provinces were remarkable at this time. Paşalar from Turkey and Fort Ternan from Kenya share 7 common genera including a terrestrial hominoid *Kenyapithecus* and open environment adapted bovids like *Capratragoides*, *Tethytragus*, and *Hypsodontus* which depict similar ecosystem associated with open areas existed in both East Africa and Sub-Paratethys regions. Macro and micro paleobotanical fossils, paleosols, carbon isotopes of soil carbonates and ungulate tooth enamel data at Fort Ternan from middle Miocene of Kenya, and palynological data from early Miocene and late middle Miocene from western Anatolia indicate heterogeneous environmental conditions that included relatively humid swampy areas, open woodlands with spotty $C_3$ grass cover and increasing seasonality (Cerling et al 1997; Strömberg, 2011; Akgün et al., 2007; Akkiraz et al, 2011; Kayseri- Özer et al., 2014). Additionally paleosol and carbon isotope data from fossil enamel remains from Buluk, Tugen Hills, Maboko, and Nyakach formations indicate an

environment with mosaic forests and $C_3$ grasslands (Cerling et al., 1997; Retallack et al., 2002).

In Mainland Europe, mHYP map patterns show continuation of humid environmental conditions. However, the arid conditions appear in some provinces of Central Asia and Africa especially at the end of the middle Miocene (Fortelius et al., 2002, 2006, 2014; Eronen et al., 2010) (Fig. 5). There is a slight increasing trend in mHYP between 15 to 12 Ma in Africa and Eurasia that supports the appearance of more heterogeneous environmental conditions with the emergence of first open habitat adapted mammals in both continents (Fig.4A and B, and Fig. 5). The uplift of the East African Plateau was initiated sometime between 17 to 13.5 Ma and coincided with the first dispersion of grasslands and hypsodont mammal faunas in East Africa (Sepulchre et al., 2006; Strömberg, 2011). Some recent studies favor the idea that open grass/shrub floras were present in East and North Africa before the late Miocene, which is in accord with the development of the OWSP (Feakins et al. 2013; Jung et al. 2015). The first significant faunal similarity pattern in the Old World savanna paleobiome appeared simultaneously in Eurasia and Africa around 13Ma. The paleobiome similarity area expanded to Sub-Paratethys and East African provinces at 12 to 11Ma. At the junction between middle and late Miocene, Sub-Paratethys, East Africa and Siwaliks provinces share some common genera like *Gazella, Palaeotragus, Deinotherium, Metailurus,* and *Brachypotherium*. GFRI to the middle Miocene localities in the Old World Neogene shows two different similarity patterns that intensified at ~16 Ma and ~12 Ma represented by low mHYP (Figs. 5 and 6). The middle Miocene faunas of the Old World reached their highest peak of similarity at 16 Ma, with a slight faunal diversification at 12 Ma towards end of the middle Miocene (Figs. 6 and 7).

### 4.1.3 Late Miocene (MNEQ 9 to 13): Biogeographic development of the OWSP

The late Miocene witnessed great changes to faunal and environmental conditions in the Old World. Savanna type floras and faunas replaced closed and forested habitats under the influence of greater seasonality and aridification (Fortelius et al., 2014). Continuation of the major tectonic movement of the Tibetan Plateau, uplifting of the Taurus-Zagros mountain chains, and regression of the Paratethys in Eurasia were main drivers of the atmospheric moisture migrations and monsoon dynamics. The genus-locality occupancy of bovids, giraffes, hyeanids, suids, and rhinos decreases at the end of the late Miocene in Eurasia (Fig. 4A1). Unlike the Eurasian localities most of the genera do not show significant change considering genus occupancy percentages during the late Miocene of Africa (Fig. 4A2). However, an increase in the genus occupancy of equids, felids, bovids, rhinos, cercopithecoid monkeys, elephantids, and hominids is noticeable (Fig. 4A2). Genus –locality occupancy shows that murids dispersed across large areas in Eurasia (Fig. 4B1). In Africa, an increase in genus occupancy of murids, hystricids, soricids, and to some extent in pedetids is observed, in contrast to the decrease in the genus occupancy of thryonomyid rodents (Fig. 4B2).

The mHYP patterns indicate an arid gradient from East Asia to the Sub-Paratethys province that extended progressively across a larger area in the Sub-Paratethys reaching East Africa towards end of MN10 (Fig. 5). Palynological data obtained from the Anatolian late Miocene deposits confirm the increasing open areas and arid environmental conditions in the Sub-Paratethys province (Akgün et al., 2007). However, in the other provinces, western North Africa, Western Europe, Eastern Europe, and most of Siwalik provinces, brachydont and mesodont faunas were the dominant forms and environmental conditions remained mostly

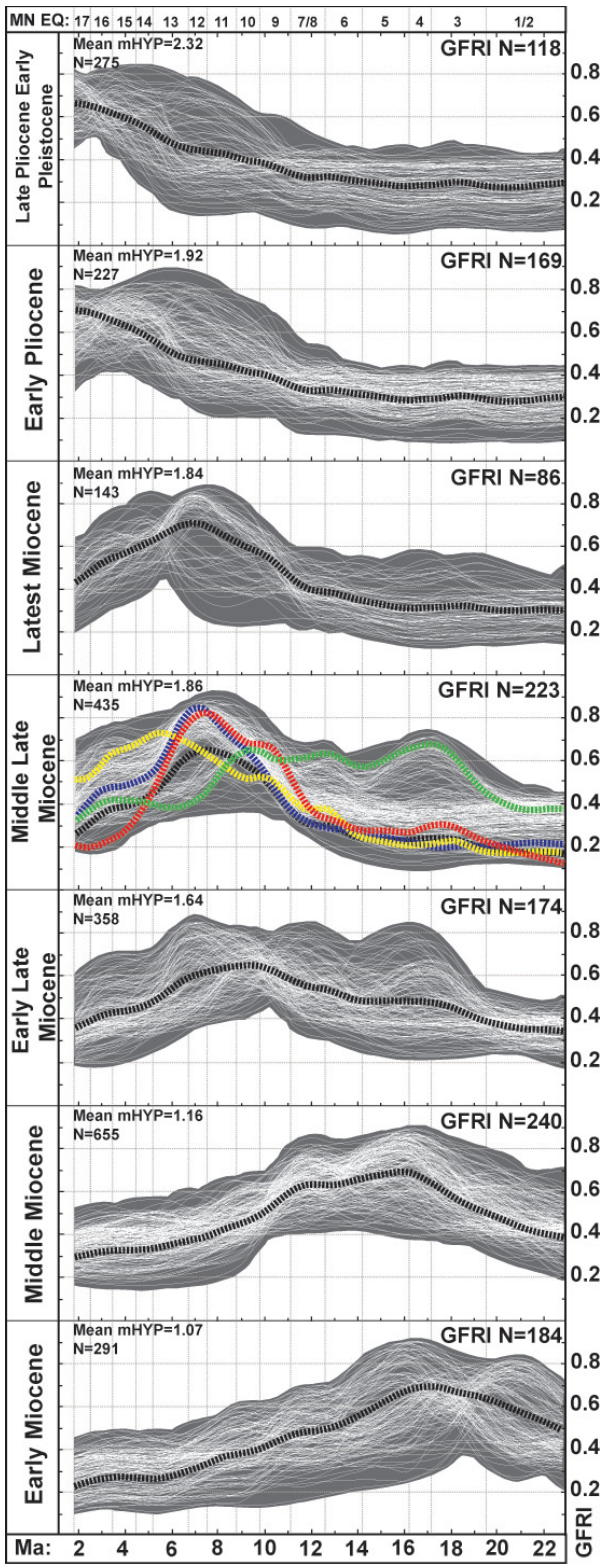
MN EQ: 17 16 15 14 13 12 11 10 9 7/8 6 5 4 3 1/2
Late Pliocene Early Pleistocene
Mean mHYP=2.32
N=275
GFRI N=118
Early Pliocene
Mean mHYP=1.92
N=227
GFRI N=169
Latest Miocene
Mean mHYP=1.84
N=143
GFRI N=86
Middle Late Miocene
Mean mHYP=1.86
N=435
GFRI N=223
Early Late Miocene
Mean mHYP=1.64
N=358
GFRI N=174
Middle Miocene
Mean mHYP=1.16
N=655
GFRI N=240
Early Miocene
Mean mHYP=1.07
N=291
GFRI N=184
0.8
0.6
0.4
0.2
Ma: 2 4 6 8 10 12 14 16 18 20 22
GFRI

**Figure 6.** (Page 34) Genus level faunal similarity results of the Neogene Old World sites used in this study. Thin white lines on gray background represent the GFRI trend lines to individual localities (lines are smoothed and λ=0.05) to the all localities. Black dashed lines represent the mean GFRI values of the localities from each time range categorized on the left side of the graphic. The GFRI trend lines of the Pikermi (red dashed line), Baode (blue dashed line), the Siwalik late Miocene (green dashed line), and the Lower Nawata (yellow dashed line) represent the Pikermian, the Baodean, and the Siwalik, and the Nawatian chronofaunas respectively, which are shown in the middle late Miocene time section. mHYP stands for mean hypsodonty, GFRI stands for genus level faunal resemblance indices, Ma stands for Mega annum, and MNEQ stands for Mammal Neogene equivalent units. GFRI trend lines with highest similarity overlap and illustrate rise and fall of chronofaunas during the course of time. According to this, development of different chronofaunas in different time range can be observed. Significant faunal change occurs during the early late Miocene, a new chronofauna with increased mean hypsodonty develops while the remaining early and middle Miocene faunas with low mean hypsodonty continuing in some areas. This new chronofauna demonstrates the birth of the OWSP, and it reaches its climax during the middle late Miocene. The number of faunas similar to those of the early and middle Miocene gradually decreases during the late Miocene. The fall of the OWSP is rapid in Eurasia, and it eventually replaced by the Plio-Pleistocene faunas in the Old World.

humid (Fig. 5). In parallel to the heterogenic pattern of the mHYP, faunas from the early late Miocene of the Old World show heterogenic distribution as well (Fig. 6). Faunas with high similarity to the middle Miocene localities persisted in some provinces like those of Siwalik and continental Europe during the early late Miocene (Figs. 5 and 6).

The OWSP first emerged in East African and Western Eurasian provinces at the transition of the middle and late Miocene. The increase in the similarity among the Eurasian and African early late Miocene faunas coincides with the parallel expansion of the Nawatian chronofauna in Africa, Pikermian and Baodean chronofaunas in Eurasia, resulted in the birth of the Old World savanna paleobiome (Fig. 6). Some elements of the Pikermian chronofauna or their very close relatives were shared with the East African fauna until the latest Miocene. The Siwalik chronofauna indicates heterogenetic faunal composition between the OWSP and the middle Miocene faunas, which distinguishes it from the Pikermian, Nawatian, and Baodean chronofaunas (Figs. 6 and 7).

The paleobiogeographic pattern of the mammal communities indicates strong similarities between East Africa, northwestern and northeastern Black Sea coasts, and Central Asia during the early late Miocene that confirms the simultaneous development of the savanna-type fauna in these regions (Paper III). In East Africa, the OWSP is represented by the Namurungule (~9.25 Ma, Kenya), Ngorora 12 (~10 Ma, Kenya), Nakali (~9.8 Ma, Kenya), and Chorora (~9 to 7 Ma) faunas. *Gazella, Tragoportax, Palaeotragus, Ictitherium, Hyaenictitherium, Deinotherium, Cormohipparion, Miotragocerus, Anancus, Kobus, Metailurus, Ceratotherium, Stegotetrabelodon*, and *Nyanzachoerus* are among the most common shared faunal elements. Additionally, the Baynunah in Arabian Plate, Samos (PMAS), Nikiti 2, Pyrgos Vassilissis, Perivolaki, Vathylakkos 2, Prochoma, Hadjidimovo 1, Strumyani (1,2), Kalimanci (1,2), Çorakyerler, Sinap 33, 42, Karacahasan, Mahmutgazi, Hayranli, Upper Maragheh, Injana in Sub-Paratethys, Gura-Galben, Taraklia, Tudorovo, Nova-Elizavetovka, Belka, Eldari on the northern coast of Black Sea region, Ortok and Dzhuanaryk in Central Asia, Taghar in Siwalik province are the main faunal representatives of the OWSP during the early and middle late Miocene. The time range between MNEQ 11 and MNEQ 12 the OWSP geographically expanded greatly. Azmaka 1-4, Pikermi, Ravin Ar., Samos (IMAS, DMAS, FMAS), Esendere, Akkaşdağı, Kefraya in the Eastern Mediterranean, and Morskaya 2 on the northern coast of the Black Sea region show strong faunal connections to their African counterparts of the OWSP during this time.

The arrival of hipparionine horses from North America to the Old World through the Bering Strait is one of the most significant faunal events at the beginning of the late Miocene. Most of the

late Miocene hipparionine horses equipped with advantageous adaptive traits like hypsodont teeth and elongated limbs to handle open and harsh environmental conditions allowed their rapid dispersal into Eurasia and Africa. Hipparionine horses were an important component of the Old World savanna fauna and phylogenetic studies indicate one or two separate entrances of hipparions into Africa from the Eurasian provinces sometime during MNEQ 10 to 11 (~10 to 8 Ma) (Bernor et al., 2010; Wolf et al., 2013). According to our results the similarity area of the Chorora was restricted mostly to the African and Arabian Plate, and shares a few small similarity spots in the sub-Paratethys. This differentiates Chorora from the early to late Miocene localities with strong similarities to Eurasian faunas like Bou Hanifia, Namurungule, Ngorora, and Nakali. It has been suggested that its revised age and updated fauna clarify the Chorora's bichronological and phylogenetic position which displays a transitional stage with increasing African characteristics between early late and latest Miocene faunas (Suwa et al., 2015; Katoh et al., 2016). Bernor credits a South Asian *Sivalhippus* influence into Lothagam through Chorora and links the origin of *Eurygnathohippus* to a possible member of *Sivalhippus* Complex (Bernor et al., 2010; Wolf et al., 2013; Suwa et al., 2015). These scenarios based on individual taxa dispersals assume two main biogeographical connections between East Africa and Western Eurasia during MNEQ 10 to 11. Although the phylogenetic studies mentioned above suggest that East Africa received some immigrants, like species of hipparionine horses (*Sivalhippus*) and bovids (*Prostrepciseros vinayaki*) from Southern Asia, our GFRI analysis fails to capture strong similarities between East Africa and South Asia provinces. One reason could be related to its geographical proximity to Baynunah (United Arab Emirates, ~8-7Ma); most taxa of South Asian origin arrived to East Africa through Baynunah, a crossroads of dispersal events between Eurasia and East Africa. According to the GFRI analysis, high similarity is mostly interpolated around Baynunah rather than South Asia (Paper III). However, Baynunah shows stronger faunal similarities to Asian provinces, except European provinces. Additionally, the Lower Nawata (and late Miocene faunas of northern East Africa) shares strong similarities with Siwalik localities, especially with those with strong Pikermian characteristics like Taghar and Molayan (~10 to 8Ma, Siwalik and South Asia provinces). Pikermian elements occur in Taghar and Molayan faunas around the same time (MNEQ 9 to11) to the expansion of the Nawatian in African provinces. Biogeographical history of South Asian (Indo-Malayan) faunas indicates restricted faunal interactions with the OWSP. Most probably mountainous topography (Himalayas) and long persistence of humid conditions caused biogeographic settings with limited episodes of permeability for faunal exchanges in this realm during the late Neogene (Badgley et al., 2016). The Tortonian climate model and the mean ordinated hypsodonty maps show increased monsoon precipitation over the Indomalayan realm at this time (Paper III).

Lagomorph *Alilepus*, giraffid *Decannatherium*, and saber-toothed felid *Machairodus* dispersed into Europe and Africa from Asia during the late Miocene. North American immigrant leporids dispersed throughout the Old World during the late Miocene (Flynn et al., 2014). Their arrival in Eurasian habitats dates back to between 9 to 8Ma with the earliest appearance in Africa by 7Ma. Carnivore faunas of the Nawatian display temporally mixed composition of the last and first appearances of some taxa and indicate strong affinities with the Eurasian forms (Werdelin, 2003). Saber-toothed machairodontine cats (*Metailurus*), pseudo-hyenas (*Hyaenictitherium, Ictitherium, Percrocuta*), and small carnivores (*Eomellivora*) were some of these Eurasian originated taxa. The

In Western Europe, mammal faunas resembled the middle Miocene forest adapted species, and the diversity of species reached its acme in localities like Can Llobateres 1 in Spain and Rudabanya in Hungary during the Vallesian. Large sized mammals like *Tetralophodon, Deinotherium, Chalicotherium*, and *Aceratherium* were the most common browsers (Agustí and Anton, 2002). The late Miocene great apes were basically persisting from the middle Miocene forest/humid habitats and survived though steadily decreasing in number in the favorable habitats of the OWSP. These great apes, as continuing lineages of the middle Miocene forms, were distinct to the OWSP and occurred in different provinces of the Old World such as Europe, the Sub-Paratethys, East Africa, and East Asia, taxa including *Hispanopithecus, Dryopithecus, Rudapithecus, Ankarapithecus, Ouranopithecus, Oreopithecus, Udabnopithecus, Lufengpithecus, Gigantopithecus, Sivapithecus, Chororapithecus,* and *Nakalipithecus*. Eurasian bovids like *Miotragocerus, Protragocerus, Tragoportax, Prostrepsiceros, Homoidorcas, Pseudotragus*, and *Palaeoreas/Sivoreas (Ouzocerus)* show morphological affinities to some African clades like *Pachytragus, Budorcas, Kobus*, and *Makapania* which were dispersed well in East Africa and provide evidence of biogeographic continuity and connectivity of bovid species in the Old World during the early late Miocene (Bibi, 2011). The Vallesian Crisis involved the extinction of the some humid habitat adapted lineages that had persisted from the middle Miocene and the early late Miocene faunas, but it was most detrimental to the Western and Central European large mammals (Agusti and Moya-Sola, 1990; Fortelius et al., 1996; Casonavas-Vilar et al., 2014). Sudden disappearances of some rodent species such as cricetids and glirids can be linked to the Vallesian Crisis due to the timing overlap (Paper I). Furthermore, it has been suggested that some large carnivores like nimravids and amphicyonids were severely affected by the Vallesian Crisis (Agustí and Anton, 2002). Additionally, Casanovas–Vilar et al. (2014) fairly recognize that the Vallesian Crisis is more complicated than what we may have previously considered, due to potential impacts of the interpretation of the fossil records. They suggest that the crisis was more than a local event—the affected area encompassed almost all Europe involving a series of extinction events of great number of taxa gradually over the course of a long time span (Casanovas-Vilar et al., 2014).

The mHYP map shows an interesting pattern during 8Ma; an arid belt represented with intermediate values on the mid-latitudes of Asia from East Asia to Sub-Paratethys (until Anatolia). During 7 Ma, it reaches highest value in Anatolia and weakening at mid-latitudes of Asia. Most of Europe remained humid during the middle late Miocene. In North Africa aridity starts to increase in eastern and western corners (Fig. 5). Additionally dry areas increase in the Iberian Peninsula similar to western corners of North Africa as well. Southern East Africa (Kenya and Uganda) shows more hypsodont elements (arid conditions) in its fauna than the north, and South Africa becomes drier at the end of MN13. The arid areas are located in Sub-Paratethys, partially on the northern coast of Black Sea region, and Central Asia at the end of late Miocene. The OWSP decreased geologically short time in a large part of western Eurasia during the MNEQ 13 (~ by 6Ma) (Paper III, Fig. 1) however a strong biogeographical connection between East Africa and East Asia through Central Asia persisted almost until the end of MNEQ 13. Faunal exchanges between Africa and Europe during the latest Miocene show that the desiccation of the Mediterranean Sea, known as the Messinian salinity crisis (~5.97 to c 5.33 Ma), allowed a two-way faunal exchange of Eurasian and African mammals (Garcia-Alix et al. 2016). For the first time a strong faunal connection to

African faunas appears in southwest Europe including localities Venta del Moro, Milagros, Arquillo 1, Las Casiones, and Gravitelli at this time. The small mammal assemblages from the Messinian of North African sites such as Ichkeul, Ain Guettara, and Argoub Kemellal 1 show great affinities with those of southwestern European sites as well. In this time range the genera with highest incidence of occurrence are *Eurygnathohippus, Deinotherium, Hippotherium, Anancus, Ictitherium, Sivachoerus, Nyanzachoerus, Hyaenictitherium, Genetta, Metailurus, Palaeotragus, Gazella, Tragoportax, Kobus,* and *Miotragocerus*.

#### *4.1.3.1. Deciphering the continental fragmentation of the OWSP*

It has long being accepted that organisms and their habitats coevolves and highly depended on abiotic forces such as Earths physical and atmospheric changes like climate change, rainfall regimes, seasonality, tectonic events, and orogenesis. Deciphering the influences of abiotic forces on the fragmentation of the OWSP during the latest Miocene requires the evaluation of potential environmental and climate changes that occurred during the same time which would influence this biome fragmentation. The OWSP became fragmented into Eurasian and African bioprovinces at the end of the Miocene. Increased aridification of North Africa and Arabia, the Messinian Salinity Crisis, and possibly the late Miocene development of the Sahara Desert may have served significantly in the biogeographical fragmentation of the OWSP. Restriction of the Indonesian seaway, the closing of the Tethys Ocean, and shrinkage of the Paratethys were other influencing processes on African long-term climate change in the Neogene, which may have also influenced this fragmentation. The Messinian Salinity Crisis is one of the most significant events that happened at the end of the late Miocene in the Mediterranean which may have caused some climate variation in the proximate areas, but its influence on mammal communities remains unclear. It has been suggested that North African climate was much more humid than today during the early and middle late Miocene (~11 to 7 Ma) (Ruddiman et al., 1989; Griffin, 2002; Lihoreau et al., 2006; Gladstone et al., 2007; Köhler et al., 2008; 2009). According to Schneck et al. (2010) higher moisture transport into West and North Central Africa from the Atlantic during the isolation episodes of the Mediterranean increased the precipitation and humidity. Combined results of the Late Miocene river drainage system reconstructions of Gabes, Libyan, Eosahabi, and Nile basins in North Africa, modelling studies about these rivers' fresh water inputs into the Mediterranean, water volume changes in the Neogene Lake Chad, and estimated dust productions in the region supports the presence of humid palaeoenvironmental conditions, dense vegetation cover, and high precipitation especially in North Central Africa until the latest Miocene (Middleton, 1985; Larrasoaña et al., 2003; Burke and Wells, 1989; Griffin, 2002; 2006; Gladstone et al., 2007). A recent study by Zhang et al. (2014) indicates that closure of the Tethys Seas may have drastically weakened the African summer monsoon causing desert conditions in the Sahara and aridification of East Africa during the late Miocene (by 7 Ma). This is in accord with the decrease of sea surface temperature in the Mediterranean during 8-6.6 Ma which may have also contributed to the drying of North Africa (Tzanova et al. 2015). According to the mHYP map pattern, aridification of North Africa started by MNEQ 13 (6.8 to 5.3Ma) and accelerated onwards (Fig. 5). Introduction of the Sahara desert, characterized by a vegetation shift from grassland to desert conditions, probably caused a habitat shift of mammal assemblages to more favorable areas in eastern Africa. In East Africa the aridity signal was weak at 7Ma, but it rapidly increased continuing during the early Pliocene and onwards (Fig. 5).

Most of the model studies suggest that the uplift of East African topography in the late Miocene (at 8Ma) could have enhanced the aridity in East and North Africa while increasing the precipitation in central Africa and west of the East African rifts (Jung et al. 2015; Prommel et al 2013; Sepulchre et al. 2006). The uplift of the Tibetan Plateau, however, is found to have a relatively weak (or even opposite) effect on the humidity in East Africa and North Africa (Jung et al. 2015). Tectonic history of the Afro-Arabian and Eurasian plates' collision zone and the influence of this on environmental change and mammalian paleobiogeography still merits further study (Hüsing et al., 2009). It has been suggested that kinematic change in the Arabia-Eurasia collision zone that occurred during the late Miocene slowed down likely due to the uplift and folding of the Zagros and adjacent regions (McQuarrie et al., 2003; Allen et al., 2004; Mouthereau et al., 2012; Austermann and Iaffaldano, 2013). This may depict that the Zagros mountain chain could have reached a substantial weight and height to slow down the kinematic structure of the collision margin at end of the Miocene. Although the Sahara barrier was not yet well developed enough to clearly separate North Africa from sub-Saharan Africa biogeographically until the Pleistocene, combined effects of large amplitude tectonic and ecological/climatic changes such as major mountain uplifts, reorganization of atmospheric moisture circulations, decreasing atmospheric $CO_2$, and orbital forces during the late Miocene may have contributed to an intensification of the arid conditions along the North Africa-Arabia belt. These factors may have triggered or sped up the fragmentation of the North and Sub-Saharan Africa savanna biomes. In addition to development of the Sahara desert, uplifting of the East African Rift System (especially in southern Ethiopia and the Turkana depression in Kenya) would contribute to topographic and climatic differentiation of sub-Saharan Africa from the North. East African topography reached a high enough altitude to influence climate dynamics and increased the provincial endemism of East Africa towards the end of Miocene.

#### *4.1.3.2. Paleobiogeography of Çorakyerler and implications for hominid biogeography*

The late Miocene deposits of Anatolia have provided a good fossil record of hominid primates and hold the potential for valuable new discoveries. Currently, *Ankarapithecus meteai* from the Sinap Formation (Localities 8A and 12, ~9.5 to 10 Ma) and *Ouranopithecus turkae* from Çorakyerler (8.11 to 7.5 Ma, Paper II) are known from the late Miocene of Anatolia (Ozansoy, 1955, 1965; Andrews and Tekkaya, 1980; Şen, 1991; Alpagut et al., 1996; Begun et al., 2003a, 2003b; Kappelman et al., 2003; Güleç et al., 2007; Casanovas-Vilar et al., 2011). *Ankarapithecus*, from the Sinap Formation, is closely related to pongines (Begun et al., 2003b). This fossil great ape discovery from Çorakyerler with its high morphological affinities to the African late Miocene great apes has attracted the interest of some specialists concerned with the hypothesis about the origins of African hominids (Begun et al., 2009). The lengthy history of debates and hypotheses concerning Eurasian or African origins of African Pliocene hominids goes far back to Darwin (1871) (Andrews, 1996; de Bonis and Koufos, 1997; Begun, 1995, 2002, 2009; Begun and Kordos, 1997; Begun et al., 2012; Andrews and Bernor; 1999). Some researchers consider *Ouranopithecus* and australopithecines to be closely related due to their synapomorphic traits (de Bonis & Koufos 1997). *Ouranopithecus* shows strong morphological affinities to *Nakalipithecus nakayamai*, a large bodied great ape described from the late Miocene of East Africa (Kunimatsu et al. 2007). Others, however, consider the similarities between *Ouranoptihecus* and australopithecines to be the result of parallel evolution in response to increased seasonality and aridification that took

place during the late Miocene in the vast region of the Old World. Faunal exchanges between Eurasian and African mammals during the late Miocene became an essential part of the "*Out of Europe*" and "*Intra-African*" hypotheses (Begun et al., 2003, 2012; Andrews and Bernor, 1999; Bernor, 2007; Bernor et al., 2001, 2009; Rook and Bernor, 2003). Nargolwalla (2009) gives a detailed discussion of the biogeographical background for the possible phylogenetic relations between *Ouranopithecus* and African late Miocene hominids. According to her study, although *Oruanopithecus* bearing localities share faunal similarities with African late Miocene hominin bearing sites, faunal similarity analyses were not sufficient to prove whether *Ouranopithecus* is an African immigrant or if African hominins originated from an *Ouranopithecus* ancestor. The main support for the these hypotheses are based on shared taxonomic characteristics, phylogenetic relations, and biogeographic patterns of individual taxa (such as the case of *Ouranopithecus* and *Nakalipithecus*) between Eurasian and African late Miocene (Begun et al., 2012; Kunimatsu et al., 2007; Katoh et al., 2016). In this study (Paper II and Paper III) it is shown that while dispersal scenarios might be invoked among provinces with disjunct distributions, open habitat adapted faunas of the Old World provinces evolved together as a single cohesive paleobiome, and many different taxa (like *Ouranopithecus* and *Nakalipithecus*) from different zoogeographic provinces developed parallel adaptations to increasing seasonality and aridification of the late Miocene climate. Functional (dental) morphological traits of *Ankarapithecus* and *Ouranopithecus* indicate that these primates adapted well to the savanna type habitat settings in the Sub-Paratethyan province unlike their middle Miocene predecessors (Agusti and Anton, 2002; Gulec et al., 2007). Although some species (like species of *Miotragocerus, Tragoportax, Percrocuta, Machairodus, Viverra, Ictitherium*, *Hyaenictitherium, Metailurus*, and the murid *Progonomys*) show larger scale dispersals among the provinces of Eurasia and Africa, ecological relations, occurrence, and timing of their dispersal events were not associated with the possible dispersal of late Miocene great apes. Most of these hominids suddenly disappeared from the entire fossil record towards the end of the Vallesian in continental Europe, save only *Oreopithecus*, an island form in Tuscany (Italy), *Sivapithecus* in southwestern Asia, and *Ouranopithecus* in Sub-Paratethys that survived into the Turolian (Paper II). It seems that the ecological causes of fragmentation of the OWSP mentioned in the previous section such as ardification of North Africa and therefore onset of the Sahara desert, created physical barriers and harsh environmental conditions by around 7Ma, which probably inhibited dispersals of most mammal species between Africa and Eurasia, especially for the ones strongly dependent on special habitat settings, like primates. Additionally, primates were not an element of the OWSP; their geographic distribution and ecological compartments were influenced by different ecological factors that we simply could not generalize within the ecosystem context of the OWSP. The late Miocene great apes were the continuing lineages of the middle Miocene forest biota, in various forms they survived during the late Miocene in some favorable areas of the Old World. Their biodiversity decreased dramatically by the development and expansion of the OWSP during the late Miocene.

### 4.1.4. Plio-Pleistocene (MNEQ 14 to 17); Origins of modern East African savanna fauna

The Pliocene was warmer than today, and it has been suggested that the warming period was caused by increased atmospheric $CO_2$ content (Pagani et al., 2009; Haywood et al., 2013). In contrast with the previous time range aridity is decreased in

Sub-Paratethys and South Africa, and it was replaced with intermediate or low values by the beginning of the Pliocene. Hypsodonty map patterns show that aridity increased in North Africa, the Iberian Peninsula, and southern parts of East Africa, but the most arid areas were located in Central Asia and partially in East Asia (Fig.5) by the Pliocene. Arid environmental conditions increased almost everywhere towards end of the Pliocene, except central and northern parts of Europe and southern Asia (Fig.6). The Eurasian part of the OWSP declined drastically and perished in Eurasia at the end of the Miocene. Similarly most of the faunal elements of Eurasian origin in Africa became extinct at this time, a few persisting into the Pliocene (Bibi, 2011). The extinction of the Eurasian part of the OWSP is suggested to have been caused by the return of humid forest conditions (Eronen et al., 2009). The increase in the genus-locality occupancy of soricids and cervids in Eurasia (Fig. 4A and B) is significant in the early Pliocene and can be attributable to the climatic change towards warmer and more humid conditions (Reumer, 1995; Fortelius et al., 2014). Although the faunal similarity pattern shows that the Pikermian and Baodean chronofaunas abruptly became extinct, the Pliocene faunas, characterized by the progressively increased hypsodonty, replaced them in Eurasia and Africa. Pliocene (MNEQ 15 to 16) faunas like Layna (Spain), Perpignan (France), Dorkovo (Bulgaria), Odessa Catacombs (Ukraine), Çalta 2 (Anatolia), Udunga (Russia), and Yushe-Gaozhuan (East China) share great faunal similarity and indicate a presence of Pliocene chronofauna expanded from Europe to China in the boundaries of today's Palearctic. However, East African faunas like Kuseralee, Aramis (Lower), Sidi Hakoma, Denen Dora, Usno in Ethiopia, Apak, Kanapoi, Mursi, and Kaiyumung in Kenya (Africa) and Siwalik Pliocene levels in South Asia show increasing faunal endemism and provinciality. Pliocene faunal similarity and mHYP patterns of the Old World mammal communities indicate that the biogeographical realms (Palearctic, Afrotropics, and Indo-Malayan) most likely assumed their modern configuration during this time.

At the end of the Pliocene and beginning of the Pleistocene the Nawatian chronofauna was restricted to East Africa and the western corner of the North Africa. The OWSP survives in Africa into the Pliocene and phylogenetically gave rise to East African Plio-Pleistocene savanna fauna. However, in contrast to the extinction of the Eurasian part of the OWSP, increased mHYP values and GFRI trends show the appearance of new mammal faunas with more hypsodont elements in both continents (Figs. 6 and 7).

High similarity values to the OWSP remained mostly in East Africa (Tanzania, Kenya, Ethiopia, and Uganda) and North Africa (Libya, Egypt, and Chad) during the latest Miocene and early Pliocene. Additionally there is a biogeographical connection throughout the Langebaanweg (~5.2 Ma, South Africa) between East Africa and South Africa at the end of the Miocene. Possible dispersal events of some large and small mammals between North Africa and the Iberian Peninsula before isolation of the Mediterranean Sea have been reported, but contributions of these dispersal events to East Africa is very minimal (Agusti et al., 2006; Gibert et al., 2013; García-Alix et al., 2016). MHYP and GFRI results indicate that heterogeneity of the mammal habitats increased by the Pliocene in Africa. In the provincial context striking patterns between the north and the south of East Africa stand out (Fig. 5). Southeast Africa started to dry first, arid conditions emerged by ~9Ma and increased drastically by 4 Ma. However, in Northeast Africa humid conditions remained until ~3Ma (Fig. 5). The geospatial pattern of the arid conditions on the map series shows increased aridity in Southeast Africa and North Africa (Fig. 5). Uplift of the East African Plateau and volcanic activities probably

caused arid conditions and low productivity in the southern part earlier than Northeast Africa. Aridity and faunal similarity patterns suggest that the initial Plio-Pleistocene East African fauna, with increased mHYP and endemicity, developed at the Lothagam members, then dispersed to the northern part of the East African province (Asa Koma and Kuseralee members, ~6 Ma) and South Africa (Langebaanweg, ~5.2Ma). Additionally, this study shows that a shift in vegetation types from forest coverage to grasslands, characterized with the increasing mHYP, accelerated by the Pliocene, which may reflect faunal change towards increasing endemism of East African mammal communities. It has been suggested that a shift from $C_3$ to $C_4$ grasses occurred during the late Miocene and continued expanding in East Africa, however there is no clear pattern confirming this vegetation shift; $C_4$ grasses remained minor components of the African biomes until the end of the Miocene, but increased by the Pliocene (Ségalen et al., 2007; Feakins et al. 2013; Jung et al. 2015; Uno et al. 2011). Bonnefille (2010) reports the presence of grasslands during the last 10 Ma in East Africa, indicating that the increase in $C_4$ grasses during this time is disconnected from the expansion of grasslands (Feakins et al. 2013; Jung et al. 2015).

At the end of the middle Pliocene the biogeographical connection from South Africa to East Africa disappeared. At this time there was a significant change in the frequency of shared genera within the OWSP, characterized by an increase in new elements, especially in bovid members. *Aepyceros, Madoqua, Menelikia, Praedamalis, Raphicerus, Gazella, Kobus, Nyanzachoerus, Sivachoerus, Sivatherium Ceratotherium, Deinotherium, Anancus, Parapappio, Eurygnathohippus, Hexaprotodon,* and *Dinofelis* are the most shared genera with the OWSP in Africa. Most of these genera are not or very rarely represented outside of Africa during the early and middle Pliocene. During the Pliocene, the genus occupancy of cervids, canids, felids, mustelids and ursids increased in Eurasia (Fig. 4A1). In Africa, an increase in the genus occupancy of bovids, giraffes, felids, cercopithecoid mankeys, elephants, suids, and hippos is important (Fig. 4A2).

## 5. Ecological recognition of the OWSP

*"The Pikermian may well be regarded as the climax of the entire Age of Mammals, at any rate in the Old World. It has been shown that the savanna environment is capable of supporting a greater biomass of mammals than any other habitat on land…"*

*Kurtén, 1971*

Bernor et al. (1979) and Solounias et al. (1999) proposed that the Pikermian biome inhabited evergreen, sclerophyllous woodland habitats or forest ecosystem with spotty/rare grass cover, in contrast with the previous hypothesis of the existence of a widespread late Miocene savanna biome which he calls the 'savanna myth'. On the other hand, Koufos et al. (2009) suggest the presence of a woodland environment with a thick grassy herbaceous layer on the basis of dental microwear of the ungulate species recovered at Pikermi and Samos. Strömberg et al. (2007) point out that testing of the traditional savanna hypothesis versus the savanna myth hypothesis is difficult due to the nature of data that these hypotheses are based on, animals and plants. Vertebrate fossils and macrofossils/palynomorph floras reflect different environmental conditions and climatic cycles (Strömberg et al., 2007). Recent palynological studies suggest the presence of a more open woodland environment under warm temperate climatic conditions with dry seasons during the late Miocene in Anatolia and Greece (Ioakim et al., 2005; Akgün et al., 2002; Akgün et al., 2007; Yavuz Isik and Toprak, 2010; Yavuz

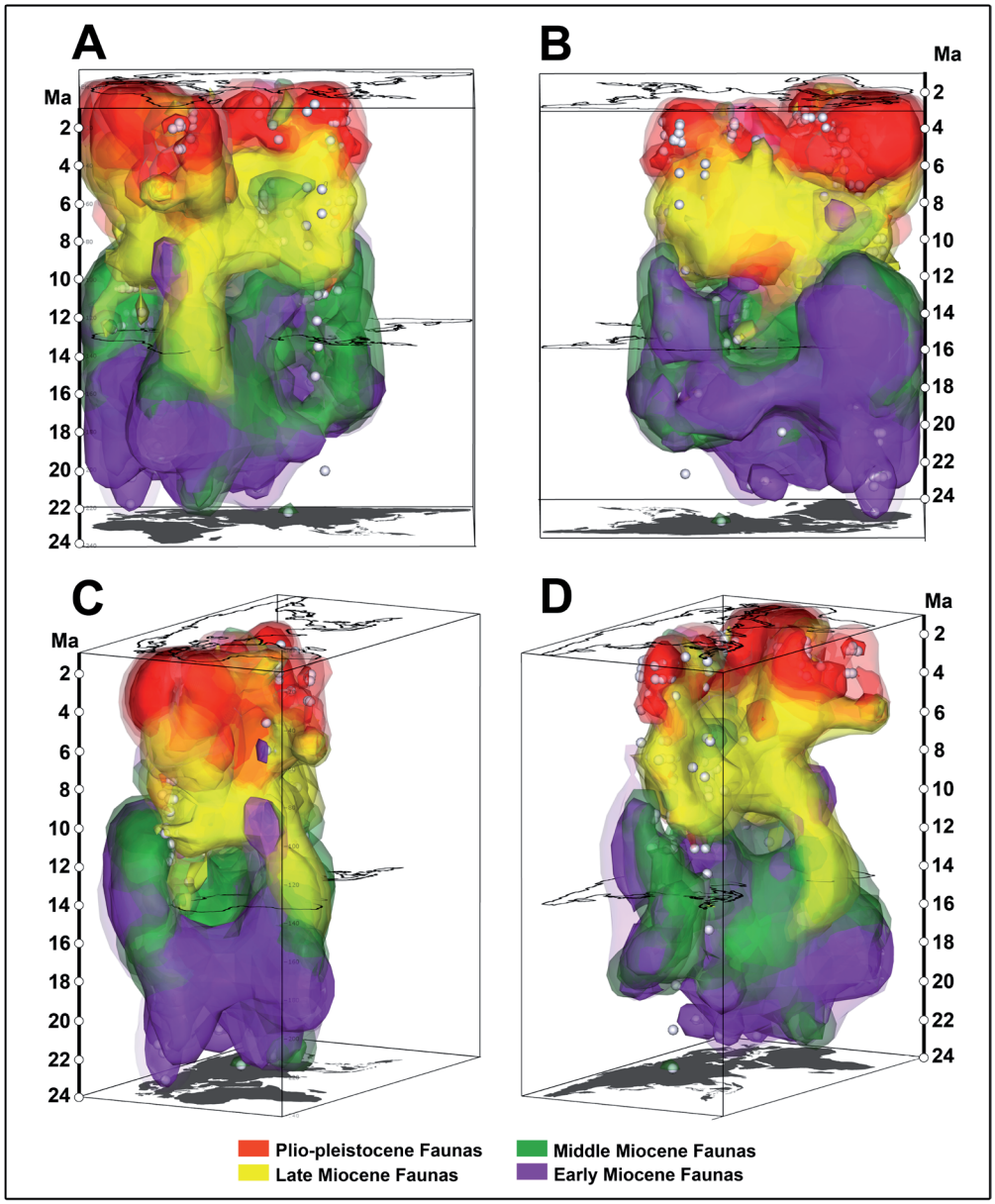


**Figure 7.** The glopographs show the Raup-Crick GFRI with values above 0.7 of the early, middle, late Miocene, and Plio-Pleistocene mammal paleobiomes. Interpolation isosurfaces of the faunas from each time frame are combined. Early Miocene faunas include: Paulhiac, Can Canals, Negev, Ryskop, Nachola, Songhor, Bukwa, Gebel Zelten, Wadi Moghara, Zinda Pir, Sihong-songlinzhuang; Middle Miocene faunas include: Beni Mellal, Engelswies, Fort Ternan, La Grive St Alban, Maboko, Pasalar, Nachola, Sansan, Siwalik Middle Miocene, Tunggur Moergen; Late Miocene faunas include: Namurungule, Nakali, Lower Nawata, Pikermi, Baynunah, Adu Dora, and Baode; Plio-Pleistocene faunas including Lower Aramis, Koobi Fora Ridge 2, Calta 2, Layna, Perpignan, Siwalik Pliocene. Figure A shows the south view, B northern view, C southwest and D southeast view (horizontally flipped).

Isik et al., 2011; Akkiraz et al., 2011). Additionally, phytolith assemblages from the early to late Miocene of Greece, Turkey, and Iran suggest that $C_3$ savanna, open woodland, or grassland-forest mosaic vegetation cover appears to have spread in this province (Sub-Paratethys) by the early Miocene and grassland ecosystems expanded during the late Miocene (Strömberg et al., 2007). Biltekin et al., (2015) show that the Anatolian coastlines (northern and southern) were refuge areas for thermophilous-hgyrophilous plants by the Pliocene, however central areas were covered by open woodlands and grassland-forest mosaic vegetation during the late Miocene and onwards (Akgün et al., 2007; Akkiraz et al., 2011).

Mesowear studies failed to detect significant differences among the late Miocene herbivorous ungulates of Greece and China, and modern African savanna fauna, which support the ecological cohesion of the OWSP, considering its biomic structure (Solounias et al., 2013). Solounias et al. (2013) point out that modern African fauna differentiate with an incomparably greater degree of hypsodonty than the Pikermian chronofauna in contrast to the shared paleodietary results. Moreover, they argue that the high degree of hypsodonty in modern African savanna mammals is more about genetic heritage and less about function under modern savanna climate conditions. Hypsodonty indeed is a genetically heritable and advantageous trait (Raia et al., 2011) and is the consequence of last 10 million years of evolutionary change in response to selective forces of changing environmental conditions in Africa. It is true that hypsodonty as a morphological characteristic occurs within the evolution of many different lineages in different time periods. However, according to this study, a significant increase in mHYP occurs by the late Miocene in East African faunas, but its greater increase is observed by the middle Pliocene (4 Ma) and continued onwards (Fig. 5). An increasing trend in mHYP of the East African Plio-Pleistocene fauna is coincident with stronger seasonality characterized by contrasting wet/dry cycles of East African paleoclimate (de Menocal, 2004). Recently it has been established that hypsodonty, in addition to other dental ecometrics, is a successful proxy to predict aridity/humidity/rainfall and net primary productivity patterns of past and modern ecosystems (Eronen et al., 2010; Liu et al., 2012; Fortelius et al., 2016; Žliobaitė et al., 2016). Thus, hypsodonty is more than a genetically heritable trait for mammals (Strömberg, 2006). The ground net primary productivity in savanna ecosystems (modern African savannas) is controlled by rainfall regime and seasonality in East African savannas. Therefore the increased degree of hypsodonty (or dental durability and capability) in modern African savanna fauna can be linked to the highly contrasting precipitation rhythms and extreme environmental conditions during the driest season. Availability of edible vegetation types to exploit could be another additional reason why modern African savanna fauna have higher hypsodonty than the late Miocene Pikermian chronofauna –in contrast they share similar paleodietary mesowear patterns. $C_4$ grasses became increasingly available by the Pliocene in East Africa and included in diet repertoire of many herbivore mammals (Uno et al., 2011). $C_4$ grasses are more abrasive, as they have more cellulose and lower nutritional quality than most $C_3$ plants. Uno et al. (2011) suggest that the first herbivores to eat these $C_4$ plants were mostly hypsodont, suited to taking more wear from these abrasive grasses.

Taxonomic and eco-morphological similarities between the OWSP and modern African savanna fauna may be the results of similar selective forces during their respective complex evolutionary histories, however in contrast to modern African savanna fauna these selective forces probably were less extreme for the OWSP. On the basis of mHYP (durability) and longitudinal lophs count (LOP) (cutting capability) pattern, Liu et al. (2012)

show that the Pikermian chronofauna occupied a transitional biome in between temperate broadleaf and mixed forests and temperate grasslands, savannas, and shrublands. To some extent this transitional biome model matches Kurtén's (1952) habitat model map that suggests three main types of faunas interacting with each other for the Pikermian paleobiome; steppe fauna, peripheral forest fauna, and a transitional fauna between the first two. This extinct paleobiome model is in accord with paleodietary and paleobotanical evidences that suggest grasslands/open habitats were not the dominant vegetation, but covering sufficient areas to the extent that mammals could benefit from including grasses in their diet (Strömberg et al., 2007; Solounias et al., 2010). The OWSP offered various habitat opportunities including forests, mixed forests, grasslands, steppes, and shrublands for grazer, browser, and mixed feeder species. Inhabitants of the OWSP were probably multi-habitat occupants or transient/opportunist residents depending on food availability and seasonality.

## 6. Future Perspectives; Re-Thinking Faunal Provinciality

Previous studies on delineating the faunal provinces mainly based on the spatial and temporal distribution of taxa and the degree of geographic proximity and similarity (Mein, 1975; Bernor, 1978, 1983; Fortelius, 1996; Nargolwalla, 2009; Mirzaie Ataabadi , 2010). Although there is not a straightforward definition of zoogeographic province or bioprovince, in general it refers to geographic regions occupied by taxonomic communities adapted their environmental setting over time and distinct from adjacent regions. According to Foote and Miller (2007) provinces formed by developing barriers in various scales and causes; "*a group of taxa with similar geographic ranges that, owing to the presence of barriers, are geographically separated from other provinces that are similarly bounded*". In mammal paleontology studies, provinces emphasize spatial and temporal distribution of faunal communities connected with a degree of taxonomic similarity and geographic proximity. Bioprovincial distribution of mammal communities is spatially and temporally controlled by floristic elements, environmental conditions and changing climate. We can combine these factors as ecological barriers with a reference to Foote and Miller's (2007) definition of province. In this manner, a bioprovince can be interpreted as an analogous entity to an ecoregion even though ecoregions seem small scale entities and mainly utilized in recent ecological studies. Today, world terrestrial ecosystems are divided into eight biogeographic realms and almost 14 biomes with 867 ecoregions under the control of recent earth systems dynamics (Olson et al. 2001). Old World terrestrial ecosystems consist of three biogeographical realms; Palearctic, Afrotropic and Indo-Malayan (Fig. 2). Recognition of these realms goes back to Wallace in the 19th century. The Palearctic is situated in the north of the belt between the Sahara Desert and southern margin of the Himalayas (Fig. 2). These biogeographic realms encompass an area consisting of various ecoregions including temperate broadleaf and mixed forests, coniferous forests, temperate grasslands, savannas, shrublands, montane grasslands and shrublands, tundras, Mediterranean forests, woodlands, scrubs, deserts, and mangroves (Fig. 2). The Palearctic realm is controlled by high seasonality including very cold winters and hot summers, and additionally areas with low temperatures (Olson et al., 2001). The Afrotropics (Ethiopian realm) encompasses the sub-Saharan Africa and south part of the Arabian plate (Fig. 2). The Afrotropics and Indio-Malayan realms are separated by the Indian Ocean; however they are controlled by similar climate dynamics, characterized by more of wet-dry seasonality with permanently warm areas.

These realms contain distinct ecoregions including tropical and subtropical broadleaf forests, savannas, grasslands and shrublands. As I mentioned above, these ecoregions are nested within the biomes and realms, and defined as "*relatively large units of land containing a distinct assemblage of natural communities and species, with boundaries that approximate the original extent of natural communities prior to major land-use change*" (Olson et al. 2001). The World Wildlife Found (WWF) defines an ecoregion as a "*large unit of land or water containing a geographically distinct assemblage of species, natural communities, and environmental conditions. The boundaries of an ecoregion are not fixed and sharp, but rather encompass an area within which important ecological and evolutionary processes most strongly interact.*" These units reflect the distribution of a wide range of fauna and flora from deserts to the tropical environments across the entire planet. In general, ecoregions are geographic regions occupied by faunistic and floristic identities that differ from those in other regions, which resembles the paleontological bioprovince concept. The main differences between biological ecoregion and paleontological province concepts are that current biological ecoregions are delineated according to floristic elements and ecological factors that are observable first hand while paleontological provinces are designated in accordance with geographic and chronologic distribution of fossil faunas and possible physical factors (Mein, 1975; Bernor, 1978, 1983; Nargolwalla, 2009). Mirzaie Ataabadi et al. (2013) bring a solution to this by including mHYP analysis as a robust proxy to humidity and aridity gradients for delineating the provincial development of faunal communities in addition to spatial and temporal distribution of faunal similarities. This is a better approach to recognizing faunal provinces with the inclusion of their adaptive responses to their habitats, which is one of the crucial parts of the evolutionary development of the faunal communities. The main motivation to delineate faunal provinces in previous studies mentioned above is observing faunal change in distributional pattern over time in response to environmental and climatic factors, but the latter part was limited to only physical barriers like mountain ranges in most of the studies. In this manner, delineating the faunal provinces of the Neogene requires inclusion of supportive analysis to reconstruct paleoecological conditions in addition to the distribution of taxonomic similarities and geographic range both spatially and temporally. Development of a faunal province over time not only consists of biochronologic and geographic distribution of some taxonomic identities, it is strongly controlled by environmental conditions and changing climate. As a future perspective, in addition to the geographic proximity and faunal similarity, inclusion of different proxy data from different fields likes ecometry, paleobotany, isotope chemistry, and paleoclimatology to delineate faunal provinces of the Miocene mammal communities would offer more precise results. In this study, the genus level faunal similarity and mHYP map patterns delineate faunal provinces as geographic range references, shown in Fig. 2. The faunal provinces are recognized as zoogeographic fragments nested in a biome consisting of distinct patterns of faunal and floral identities, but with a high level of interaction with those in other provinces. For example, the Sub-Paratethys is a zoogeographic province from the late Miocene as a spatial and temporal fragment of the Pikermian chronofauna connected with the Baodean and the Nawatian chronofaunas nested in the OWSP.

Rethinking the Neogene faunal provinces of mammal communities within the concept of ecological dynamics could bring some broader implications for recent and future ecosystem studies. For example, savannas are mainly found in the Afrotropics and Indo-Malayan realms in today's Old World, but savanna-like provinces

were more extensive in the late Neogene. Fossil records of the Neogene mammals and the development of faunal provinces help us to understand how past climate change influenced the development and sensitivity of savanna ecosystems, which may provide crucial information for how future climate change may continue to shape the remaining savannas on Earth. Understanding the development of faunal provinces via functional trait-environment interactions (ecometrics) in addition to the spatio-temporal distribution of taxa may provide useful knowledge and tools for conservational purposes today and tomorrow in the face of climate change.

# 7. Conclusion

My research began by looking at faunal similarities and mHYP data from the localities Hayranlı, Çorakyerler, and Lower Nawata. As the data from the localities began to connect more and more broadly on the long term scale the OWSP began to emerge. The implications of broader links between Eurasia and African Neogene fauna are valuable for understanding distribution patterns of mammal communities in response to change in climate. According to this, the findings of this thesis can be summarized as follows:

- The glirid materials from the late Miocene of Hayranli located in central eastern Anatolia are ascribed to *Myomimus maritsensis* de Bruijn et al., 1970 and *Microdyromys koenigswaldi* de Bruijn, 1966. The presence of *Microdyromys koenigswaldi* in Hayranli extends its last spatiotemporal occurrence from MN10 (Ampudia 3, Duero Basin, Spain) to MN11-12. Dental microwear analysis indicates that these species of dormice had a diet that involved a combination of insects, fruit, seeds, and grasses, which could point to the development of a more generalist behavior adapted to the seasonal availability of foods.
- Glirids predominantly occupied European habitats during the early and middle Miocene. The species richness reached its peak around MN5, which coincides with the Middle Miocene Climatic Optimum. By this time, gradual decrease in the number of Gliridae took place and continued until MN13. There was a significant faunal shift from forest dwellers to ground dweller species characterized by the increase in Myomimus findings from a number of localities during the late Miocene —probably attributable to the replacement of the forested habitats with open woodland and steppe-like environments. Decrease in the genus-locality occupancy of glirids towards end of the middle Miocene coincides with the drastic increase in the number of Muridae (Fig. 4B1). Loss of tree cover in vast areas of the Europe linked with the Vallesian crises indeed seems to be the main driver of the decrease in number of Gliridae.
- With regards to the Çorakyerler fauna, Turkey, new magnetostratigraphic age correlation reveal two intervals of normal polarity and an intervening period of reversed polarity in the main fossiliferous section. Of the three likely age correlations spanning 8.13–7.15 Ma (MNEQ 11–12), a possible age range of the fossiliferous deposit between 8.11 and 7.64 Ma (late MNEQ 11) with chron 4n is favored. The Çorakyerler fauna was a typical representative of the Pikermian chronofauna with a wide range of faunal similarity, including late Miocene localities from the eastern Mediterranean, eastern Asia, and eastern Africa. Çorakyerler shows the highest similarities to the contemporaneous faunas from other localities that have a comparatively lower mHYP score. In addition to this, lithological and sedimentological characteristics of Çorakyerler's fossiliferous horizon indicate a lacustrine depositional environment and

relatively humid local conditions, contrasting with the mostly fluvial or alluvial fan deposits at other Turolian localities in the Sub-Paratethys province. The hominid fossil record at Çorakyerler is considered one of the last known occurrences of great apes in the eastern Mediterranean. It indeed seems that the late Miocene climate of Anatolia offered favorable local habitats to hominid primates longer than what has previously been thought.

- The early and middle Miocene terrestrial habitats were mostly humid and occupied by predominantly brachydont or mesodont forest faunas in Eurasia and Africa that had similar faunal and ecological structures with slight provincial heterogeneities almost until the end of the middle Miocene. By the end of the middle Miocene, mHYP increased in Eurasia and Africa, and the beginning of the late Miocene witnessed evolution of a new paleobiome with expansion of open habitats in the large areas of the Old World.
- The OWSP first emerged in East African and Western Eurasian provinces at the transition of the middle and late Miocene. The increase in the similarity among the Eurasian and African early late Miocene faunas coincides with the parallel expansion of the Nawatian chronofauna in Africa, Pikermian and Baodean chronofaunas in Eurasia, resulted in the birth of the Old World savanna paleobiome.
- The OWSP covered much of the Eurasia and Eastern Africa between 9 to 6 Ma. The Western Eurasia branch, the Pikermian chronofauna, disappeared at the end of the Miocene, and was replaced by species adapted to forested or cooler habitats in the early to middle Pliocene. However, the Baodean (Red Clay) chronofauna survived in some patches during the Pliocene in China until the return of humid environment adapted faunas. The African branch of the OWSP, the Nawatian chronofauna, eventually contributed to the development of the Plio-Pleistocene African savanna fauna.
- Buildup history of the OWSP shows that the faunas from the late Miocene of sub-Saharan Africa connected biogeographically to the faunas from the North Africa, Sub-Paratethys, and Central Asia, than the Siwalik province. These heterogeneities in the survival responses of the OWSP branches may depict increased regional climate variability towards end of the Miocene in the Old World.
- The developmental history of the OWSP supports the conclusion that it should be viewed as a paleobiome with connected zoogeographic provinces, in which faunas evolved together with parallel ecological adaptations. The OWSP offered various habitat opportunities including forests, mixed forests, grasslands, and shrublands for grazer, browser, and mixed feeder species. Inhabitants of the OWSP were probably multi-habitat occupants or transient/opportunist residents depending on food availability and seasonality.
- The late Miocene great apes were basically persisting from the middle Miocene forest/humid habitats and survived though steadily decreasing in number in the favorable habitats of the OWSP. These great apes, as continuing lineages of the middle Miocene forms, were not part of the OWSP and occurred in different provinces of the Old World such as in Europe, the Sub-Paratetyhs, East Africa, and East Asia. Disjunct intercontinental dispersal scenarios mostly on the basis of shared taxonomic characteristics of these fossil apes such as the hypothesis related to the Eurasian origins of African hominids including "*Out of Europe/ Back to Africa", "Intra-African", "filter*", and "*stepping stone*" remains speculative.
- The waxing and waning patterns of the Old World Neogene faunas are different. Early and Middle Miocene non-hypsodont forest faunas

of long duration and large range show gradual rise and fall, in contrast to the hypsodont faunas of the OWSP characterized by rapid rise and fall. This symmetric pattern of the faunal development structure is in accord with the hypotheses and states that the increased speciation rate of hypsodont species and increased specialization produce ecologically sensitive faunas that show abrupt responses to fast environmental change and are more prone to extinction (Raia et al., 2011a; 2011b; Raia and Fortelius, 2013).

- The abrupt disappearance of the OWSP in Eurasia may depict an extinction or replacement event caused by a "fast tempo" environmental change, mostly affecting highly specialized taxa that were unable to adapt to this rapid change (Fortelius et al., 2015; Raia and Fortelius, 2013). Return of the humid conditions, for a geologically short time, in the mid-latitudes of Eurasia at the Mio-Pliocene transition was a probable physical driver of the replacement of OWSP with humid/forest adapted faunas in Eurasia. The African branch of the OWSP contributed to the eventual development of the Plio-Pleistocene African savanna faunas through a high speciation rate, increased adaptive radiation of hypsodonty, and intensified provincial endemism.
- Combination of ecological and physical forces likely triggered the fragmentation of the OWSP. Tectonic and ecological/climatic changes such as major mountain uplifts, reorganization of atmospheric moisture circulations, decreasing atmospheric $CO_2$, and orbital forces during the late Miocene may have contributed to an intensification of the arid conditions along the North Africa-Arabia belt. Although the Sahara barrier was not yet well developed enough to clearly separate North Africa from sub-Saharan Africa biogeographically until the Pleistocene, multiple influence of the factors listed above may have sped up the fragmentation of the North and Sub-Saharan Africa savanna biomes. In addition to development of the Sahara desert, uplifting of the East African Rift System (especially in southern Ethiopia and the Turkana depression in Kenya) would contribute to topographic and climatic differentiation of sub-Saharan Africa from the North.
- Long term biogeographical changes in mammal chronofaunas of the Old World Neogene may depict the fluctuating biogeographical realm boundaries. Distribution patterns of closed habitat faunas during the early and middle Miocene indicate that the position of the tropical belt was located farther northward than it is today. Development history of the Old World savanna paleobiome by the end of the middle Miocene and its fragmentation at the end of the late Miocene most likely due to increasing aridification of North Africa (Sahara) can be interpreted as a sign of the southward shift of the tropical belt. Faunal similarity patterns of the Old World Pliocene faunas indicate that the biogeographical realms (Palearctic, Afrotropics, and Indo-Malayan) assumed their modern configuration at this time.

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**Neogene paleogeography** of the Old World has been a significant parameter in explaining the dispersal of mammal faunas. However, reconstructing the development and biogeographic changes in faunal distributions of the mammal communities has been a complex matter mainly due to quality of the fossil record. Accumulations of chronologically and taxonomically revised and resolved data sets and advancements in methodologies during the last decade have provided better tools and broader perspectives to investigate paleobiogeographical development of the Neogene mammal chronofaunas.This study shows that high faunal and ecological similarity among the African and Eurasian chronofaunas indicate that these late Miocene mammal communities developed as a spatially and temporally interconnected entity within broadly similar climatic boundaries. Its Eurasian part disappeared at the Miocene-Pliocene boundary 5 million years ago, but the African branch survived and gave rise the modern African savanna fauna.

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Appendix 1. List of selected early and middle Miocene sites with age information and genus level faunla similarity values
used for Raup-Crick GFRI analysis. (MNEQ stands for MN unit equivalent, N Rows show number of taxa, GFRI stands for genus level faunal similarity index)

| Name | MN EQ | N Rows | Paulhiac | Zinda Pir 2 | Negev | Songhor (I | Gebel Zelt | Wadi Mog | Can Canal | Ryskop | Bukwa | Sihong-so | Nachola | Engelswie | Beni Mell | Fort Terna | Maboko | Pasalar | Siwaliks N | La Grive S | Tunggur-Moergen |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Olduvai Bed I | MN17 | 63 | 0.00 | 0.51 | 0.23 | 0.00 | 0.01 | 0.00 | 0.04 | 0.12 | 0.06 | 0.01 | 0.15 | 0.02 | 0.19 | 0.03 | 0.00 | 0.00 | 0.49 | 0.00 | 0.00 |
| Yakkabed | MN17 | 17 | 0.10 | 0.35 | 0.89 | 0.06 | 0.27 | 0.07 | 0.11 | 0.31 | 0.45 | 0.12 | 0.33 | 0.17 | 0.36 | 0.25 | 0.17 | 0.02 | 0.63 | 0.07 | 0.04 |
| Koobi Fora Ridge 2 | MN17 | 45 | 0.02 | 0.65 | 0.42 | 0.01 | 0.06 | 0.01 | 0.03 | 0.20 | 0.19 | 0.04 | 0.23 | 0.08 | 0.28 | 0.19 | 0.02 | 0.01 | 0.74 | 0.00 | 0.01 |
| Gulizindon | MN17 | 5 | 0.29 | 0.43 | 0.39 | 0.25 | 0.25 | 0.28 | 0.32 | 0.44 | 0.32 | 0.34 | 0.43 | 0.36 | 0.45 | 0.25 | 0.21 | 0.17 | 0.39 | 0.14 | 0.26 |
| Karari Ridge 2 | MN17 | 60 | 0.01 | 0.57 | 0.24 | 0.00 | 0.02 | 0.00 | 0.01 | 0.14 | 0.07 | 0.01 | 0.16 | 0.02 | 0.21 | 0.05 | 0.01 | 0.00 | 0.54 | 0.00 | 0.00 |
| Nurnus | MN17 | 5 | 0.30 | 0.44 | 0.39 | 0.23 | 0.26 | 0.29 | 0.32 | 0.43 | 0.31 | 0.80 | 0.44 | 0.36 | 0.45 | 0.26 | 0.22 | 0.56 | 0.40 | 0.48 | 0.67 |
| Rostov (na Donu) - T | MN17 | 12 | 0.19 | 0.40 | 0.30 | 0.11 | 0.14 | 0.16 | 0.20 | 0.37 | 0.22 | 0.21 | 0.40 | 0.25 | 0.40 | 0.13 | 0.09 | 0.07 | 0.30 | 0.04 | 0.13 |
| Zhdanov | MN17 | 5 | 0.30 | 0.44 | 0.38 | 0.27 | 0.26 | 0.29 | 0.31 | 0.43 | 0.32 | 0.32 | 0.45 | 0.36 | 0.45 | 0.25 | 0.22 | 0.19 | 0.39 | 0.13 | 0.23 |
| Zhevakhova Gora | MN17 | 5 | 0.31 | 0.43 | 0.39 | 0.25 | 0.25 | 0.27 | 0.31 | 0.43 | 0.32 | 0.32 | 0.44 | 0.36 | 0.45 | 0.24 | 0.20 | 0.19 | 0.39 | 0.14 | 0.24 |
| Malapa | MN17 | 20 | 0.09 | 0.32 | 0.22 | 0.06 | 0.06 | 0.09 | 0.41 | 0.31 | 0.12 | 0.12 | 0.34 | 0.17 | 0.37 | 0.05 | 0.03 | 0.02 | 0.22 | 0.01 | 0.05 |
| Ahl al Oughlam | MN17 | 42 | 0.00 | 0.18 | 0.26 | 0.00 | 0.02 | 0.00 | 0.48 | 0.14 | 0.01 | 0.01 | 0.19 | 0.03 | 0.22 | 0.02 | 0.00 | 0.00 | 0.28 | 0.00 | 0.00 |
| Dege | MN17 | 5 | 0.30 | 0.44 | 0.40 | 0.25 | 0.71 | 0.29 | 0.33 | 0.44 | 0.33 | 0.31 | 0.44 | 0.36 | 0.46 | 0.26 | 0.22 | 0.19 | 0.39 | 0.13 | 0.67 |
| Liventsovka (Rostov | MN17 | 18 | 0.09 | 0.33 | 0.62 | 0.04 | 0.25 | 0.07 | 0.11 | 0.30 | 0.11 | 0.12 | 0.34 | 0.16 | 0.36 | 0.23 | 0.02 | 0.01 | 0.63 | 0.01 | 0.04 |
| Kanjera 2 | MN17 | 12 | 0.18 | 0.88 | 0.30 | 0.12 | 0.13 | 0.15 | 0.22 | 0.37 | 0.63 | 0.20 | 0.40 | 0.26 | 0.42 | 0.44 | 0.35 | 0.29 | 0.77 | 0.18 | 0.12 |
| Shungura G | MN17 | 58 | 0.00 | 0.52 | 0.25 | 0.00 | 0.01 | 0.00 | 0.01 | 0.11 | 0.07 | 0.01 | 0.16 | 0.02 | 0.19 | 0.05 | 0.00 | 0.00 | 0.50 | 0.00 | 0.00 |
| Kalakodo | MN17 | 13 | 0.12 | 0.36 | 0.71 | 0.09 | 0.33 | 0.10 | 0.15 | 0.33 | 0.17 | 0.15 | 0.36 | 0.20 | 0.38 | 0.35 | 0.06 | 0.03 | 0.70 | 0.02 | 0.08 |
| Podpusk-Lebyazhje 2 | MN17 | 6 | 0.32 | 0.44 | 0.88 | 0.24 | 0.71 | 0.28 | 0.31 | 0.44 | 0.34 | 0.32 | 0.44 | 0.35 | 0.45 | 0.68 | 0.21 | 0.18 | 0.88 | 0.14 | 0.24 |
| Kangaki 1 and 2 | MN17 | 16 | 0.12 | 0.36 | 0.66 | 0.06 | 0.28 | 0.09 | 0.13 | 0.33 | 0.13 | 0.13 | 0.34 | 0.18 | 0.36 | 0.27 | 0.04 | 0.03 | 0.67 | 0.01 | 0.05 |
| Ain Jourdel | MN17 | 10 | 0.20 | 0.40 | 0.79 | 0.13 | 0.49 | 0.19 | 0.21 | 0.37 | 0.24 | 0.24 | 0.41 | 0.26 | 0.42 | 0.50 | 0.11 | 0.08 | 0.78 | 0.05 | 0.12 |
| Bala Deino | MN17 | 6 | 0.29 | 0.93 | 0.36 | 0.20 | 0.22 | 0.25 | 0.27 | 0.42 | 0.77 | 0.29 | 0.43 | 0.33 | 0.45 | 0.66 | 0.57 | 0.50 | 0.86 | 0.38 | 0.20 |
| Beregovaya | MN17 | 12 | 0.21 | 0.39 | 0.79 | 0.14 | 0.51 | 0.18 | 0.22 | 0.39 | 0.23 | 0.25 | 0.40 | 0.27 | 0.41 | 0.49 | 0.12 | 0.08 | 0.78 | 0.04 | 0.12 |
| Costa S. Giacomo | MN17 | 11 | 0.17 | 0.37 | 0.73 | 0.11 | 0.44 | 0.13 | 0.19 | 0.37 | 0.18 | 0.20 | 0.39 | 0.23 | 0.40 | 0.42 | 0.08 | 0.05 | 0.77 | 0.03 | 0.10 |
| Gamedah | MN17 | 6 | 0.26 | 0.43 | 0.36 | 0.23 | 0.23 | 0.26 | 0.28 | 0.41 | 0.30 | 0.30 | 0.44 | 0.35 | 0.45 | 0.24 | 0.17 | 0.15 | 0.35 | 0.11 | 0.21 |
| Gwebin | MN17 | 11 | 0.18 | 0.39 | 0.76 | 0.12 | 0.13 | 0.15 | 0.20 | 0.35 | 0.61 | 0.20 | 0.38 | 0.27 | 0.41 | 0.13 | 0.35 | 0.07 | 0.76 | 0.19 | 0.12 |
| Kanam East | MN17 | 11 | 0.17 | 0.86 | 0.30 | 0.11 | 0.13 | 0.13 | 0.18 | 0.34 | 0.58 | 0.18 | 0.38 | 0.24 | 0.40 | 0.40 | 0.31 | 0.28 | 0.73 | 0.15 | 0.10 |
| Kanam West | MN17 | 16 | 0.10 | 0.81 | 0.66 | 0.07 | 0.29 | 0.08 | 0.13 | 0.32 | 0.45 | 0.14 | 0.33 | 0.19 | 0.36 | 0.58 | 0.19 | 0.13 | 0.93 | 0.07 | 0.05 |
| Kesem-Kebena 1 | MN17 | 5 | 0.31 | 0.45 | 0.40 | 0.24 | 0.26 | 0.27 | 0.31 | 0.43 | 0.32 | 0.32 | 0.43 | 0.36 | 0.45 | 0.26 | 0.21 | 0.18 | 0.38 | 0.14 | 0.22 |
| Kubi Algi | MN17 | 6 | 0.28 | 0.43 | 0.37 | 0.20 | 0.23 | 0.25 | 0.30 | 0.41 | 0.31 | 0.30 | 0.43 | 0.33 | 0.45 | 0.23 | 0.17 | 0.14 | 0.37 | 0.11 | 0.20 |
| Laetoli_ndolanya be | MN17 | 18 | 0.09 | 0.31 | 0.20 | 0.03 | 0.05 | 0.06 | 0.36 | 0.30 | 0.10 | 0.10 | 0.34 | 0.16 | 0.36 | 0.04 | 0.02 | 0.01 | 0.20 | 0.00 | 0.04 |
| Laetoli_upper unit | MN17 | 27 | 0.05 | 0.28 | 0.16 | 0.02 | 0.03 | 0.03 | 0.27 | 0.25 | 0.06 | 0.06 | 0.29 | 0.11 | 0.30 | 0.02 | 0.01 | 0.00 | 0.16 | 0.00 | 0.01 |
| Lomekwi 8 | MN17 | 11 | 0.18 | 0.38 | 0.30 | 0.12 | 0.13 | 0.15 | 0.19 | 0.37 | 0.23 | 0.21 | 0.40 | 0.24 | 0.40 | 0.11 | 0.09 | 0.07 | 0.30 | 0.03 | 0.11 |
| Makapansgat 3 | MN17 | 58 | 0.00 | 0.16 | 0.21 | 0.00 | 0.01 | 0.00 | 0.18 | 0.12 | 0.01 | 0.01 | 0.15 | 0.02 | 0.19 | 0.04 | 0.00 | 0.00 | 0.23 | 0.00 | 0.00 |
| Makapansgat 4 | MN17 | 23 | 0.07 | 0.30 | 0.55 | 0.03 | 0.20 | 0.05 | 0.09 | 0.28 | 0.09 | 0.08 | 0.31 | 0.14 | 0.32 | 0.17 | 0.02 | 0.01 | 0.57 | 0.00 | 0.02 |
| Montopoli | MN17 | 11 | 0.17 | 0.39 | 0.78 | 0.12 | 0.47 | 0.16 | 0.20 | 0.37 | 0.22 | 0.22 | 0.38 | 0.27 | 0.41 | 0.42 | 0.09 | 0.06 | 0.75 | 0.04 | 0.12 |
| Nogaret | MN17 | 6 | 0.28 | 0.44 | 0.38 | 0.22 | 0.23 | 0.26 | 0.29 | 0.42 | 0.30 | 0.29 | 0.43 | 0.34 | 0.44 | 0.22 | 0.18 | 0.15 | 0.37 | 0.11 | 0.20 |
| Stavropol-Kavkazskij | MN17 | 10 | 0.56 | 0.88 | 0.76 | 0.12 | 0.46 | 0.15 | 0.19 | 0.38 | 0.60 | 0.20 | 0.39 | 0.25 | 0.41 | 0.76 | 0.37 | 0.61 | 0.95 | 0.44 | 0.41 |
| Sterkfontein 2 | MN17 | 6 | 0.25 | 0.43 | 0.37 | 0.22 | 0.24 | 0.26 | 0.30 | 0.42 | 0.31 | 0.28 | 0.44 | 0.34 | 0.44 | 0.22 | 0.18 | 0.15 | 0.36 | 0.11 | 0.22 |
| Tsao Chuang | MN17 | 7 | 0.25 | 0.42 | 0.35 | 0.18 | 0.20 | 0.23 | 0.27 | 0.40 | 0.28 | 0.27 | 0.42 | 0.32 | 0.42 | 0.20 | 0.15 | 0.13 | 0.36 | 0.07 | 0.17 |
| Ileret 1 | MN17 | 15 | 0.11 | 0.36 | 0.67 | 0.07 | 0.32 | 0.10 | 0.15 | 0.33 | 0.15 | 0.14 | 0.35 | 0.21 | 0.39 | 0.32 | 0.04 | 0.03 | 0.67 | 0.02 | 0.06 |

| | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Adyrgan | MN17 | 5 | 0.30 | 0.44 | 0.88 | 0.24 | 0.71 | 0.28 | 0.33 | 0.43 | 0.33 | 0.33 | 0.44 | 0.36 | 0.45 | 0.68 | 0.21 | 0.20 | 0.88 | 0.13 | 0.24 |
| Ain Boucherit | MN17 | 21 | 0.08 | 0.32 | 0.59 | 0.02 | 0.20 | 0.06 | 0.08 | 0.27 | 0.09 | 0.09 | 0.31 | 0.14 | 0.34 | 0.17 | 0.01 | 0.01 | 0.57 | 0.00 | 0.03 |
| Almenara-Casablanc | MN17 | 13 | 0.16 | 0.38 | 0.27 | 0.10 | 0.09 | 0.13 | 0.82 | 0.34 | 0.17 | 0.17 | 0.36 | 0.23 | 0.39 | 0.10 | 0.06 | 0.22 | 0.27 | 0.02 | 0.08 |
| Chilhac | MN17 | 17 | 0.09 | 0.33 | 0.23 | 0.05 | 0.06 | 0.07 | 0.10 | 0.29 | 0.10 | 0.12 | 0.33 | 0.16 | 0.36 | 0.05 | 0.03 | 0.02 | 0.20 | 0.01 | 0.04 |
| Cornillet 3 | MN17 | 8 | 0.23 | 0.41 | 0.80 | 0.17 | 0.57 | 0.20 | 0.23 | 0.39 | 0.23 | 0.25 | 0.41 | 0.29 | 0.43 | 0.55 | 0.13 | 0.10 | 0.79 | 0.06 | 0.15 |
| Coupet | MN17 | 16 | 0.15 | 0.38 | 0.28 | 0.11 | 0.13 | 0.15 | 0.18 | 0.36 | 0.19 | 0.18 | 0.38 | 0.26 | 0.40 | 0.11 | 0.08 | 0.05 | 0.28 | 0.03 | 0.10 |
| Dafnero (DFN) | MN17 | 12 | 0.17 | 0.37 | 0.73 | 0.09 | 0.40 | 0.12 | 0.17 | 0.35 | 0.18 | 0.17 | 0.37 | 0.21 | 0.39 | 0.36 | 0.05 | 0.04 | 0.72 | 0.02 | 0.10 |
| La Puebla de Valverc | MN17 | 23 | 0.04 | 0.28 | 0.50 | 0.02 | 0.13 | 0.04 | 0.06 | 0.25 | 0.06 | 0.07 | 0.29 | 0.13 | 0.33 | 0.12 | 0.01 | 0.00 | 0.53 | 0.00 | 0.02 |
| Longdan | MN17 | 29 | 0.04 | 0.26 | 0.43 | 0.01 | 0.10 | 0.02 | 0.04 | 0.24 | 0.05 | 0.04 | 0.25 | 0.08 | 0.28 | 0.08 | 0.00 | 0.00 | 0.44 | 0.00 | 0.01 |
| Montouss 5 | MN17 | 16 | 0.12 | 0.34 | 0.23 | 0.06 | 0.08 | 0.08 | 0.74 | 0.31 | 0.13 | 0.47 | 0.34 | 0.21 | 0.36 | 0.06 | 0.04 | 0.35 | 0.25 | 0.07 | 0.25 |
| Nihewan_Xiashagou | MN17 | 29 | 0.03 | 0.23 | 0.12 | 0.01 | 0.01 | 0.02 | 0.04 | 0.20 | 0.04 | 0.04 | 0.24 | 0.08 | 0.29 | 0.01 | 0.00 | 0.00 | 0.12 | 0.00 | 0.01 |
| Pardines | MN17 | 17 | 0.10 | 0.34 | 0.64 | 0.06 | 0.27 | 0.08 | 0.10 | 0.31 | 0.12 | 0.12 | 0.32 | 0.18 | 0.36 | 0.26 | 0.04 | 0.02 | 0.65 | 0.01 | 0.05 |
| Pietris | MN17 | 9 | 0.21 | 0.39 | 0.31 | 0.14 | 0.16 | 0.18 | 0.23 | 0.39 | 0.23 | 0.23 | 0.41 | 0.27 | 0.42 | 0.16 | 0.10 | 0.09 | 0.32 | 0.04 | 0.13 |
| Podpusk-Lebyazhje | MN17 | 15 | 0.13 | 0.36 | 0.67 | 0.06 | 0.35 | 0.10 | 0.15 | 0.33 | 0.14 | 0.15 | 0.35 | 0.19 | 0.36 | 0.32 | 0.04 | 0.03 | 0.67 | 0.01 | 0.06 |
| Saint Vallier | MN17 | 32 | 0.02 | 0.23 | 0.39 | 0.01 | 0.05 | 0.01 | 0.04 | 0.19 | 0.04 | 0.03 | 0.23 | 0.06 | 0.27 | 0.06 | 0.00 | 0.00 | 0.36 | 0.00 | 0.01 |
| Saint Vallier Banc LD | MN17 | 6 | 0.28 | 0.43 | 0.36 | 0.22 | 0.24 | 0.25 | 0.29 | 0.42 | 0.29 | 0.28 | 0.42 | 0.34 | 0.45 | 0.22 | 0.18 | 0.15 | 0.36 | 0.10 | 0.21 |
| Saint Vallier Banc LD | MN17 | 23 | 0.06 | 0.29 | 0.52 | 0.02 | 0.14 | 0.03 | 0.06 | 0.25 | 0.09 | 0.07 | 0.29 | 0.10 | 0.33 | 0.13 | 0.01 | 0.01 | 0.53 | 0.00 | 0.02 |
| Sarikol Tepe (Sinap E | MN17 | 8 | 0.22 | 0.42 | 0.82 | 0.16 | 0.56 | 0.20 | 0.25 | 0.40 | 0.23 | 0.24 | 0.41 | 0.28 | 0.42 | 0.54 | 0.13 | 0.10 | 0.81 | 0.07 | 0.16 |
| Sen?ze | MN17 | 30 | 0.03 | 0.26 | 0.12 | 0.01 | 0.01 | 0.03 | 0.05 | 0.22 | 0.06 | 0.05 | 0.26 | 0.09 | 0.29 | 0.01 | 0.01 | 0.00 | 0.14 | 0.00 | 0.01 |
| Sesklon (SES) | MN17 | 20 | 0.08 | 0.34 | 0.62 | 0.04 | 0.23 | 0.07 | 0.11 | 0.29 | 0.13 | 0.11 | 0.33 | 0.18 | 0.36 | 0.23 | 0.03 | 0.02 | 0.62 | 0.01 | 0.05 |
| Taung | MN17 | 11 | 0.17 | 0.39 | 0.31 | 0.13 | 0.15 | 0.15 | 0.20 | 0.37 | 0.20 | 0.21 | 0.38 | 0.26 | 0.41 | 0.12 | 0.09 | 0.07 | 0.29 | 0.03 | 0.12 |
| Varshets | MN17 | 22 | 0.07 | 0.31 | 0.20 | 0.04 | 0.03 | 0.05 | 0.09 | 0.28 | 0.11 | 0.08 | 0.31 | 0.14 | 0.34 | 0.04 | 0.02 | 0.07 | 0.19 | 0.03 | 0.16 |
| Volax (VOL) | MN17 | 15 | 0.10 | 0.35 | 0.66 | 0.06 | 0.28 | 0.09 | 0.14 | 0.31 | 0.14 | 0.14 | 0.33 | 0.19 | 0.36 | 0.27 | 0.04 | 0.03 | 0.63 | 0.01 | 0.06 |
| Yuxian-Dongyaozitoi | MN17 | 10 | 0.17 | 0.38 | 0.74 | 0.12 | 0.46 | 0.15 | 0.20 | 0.36 | 0.20 | 0.63 | 0.39 | 0.26 | 0.91 | 0.46 | 0.09 | 0.07 | 0.76 | 0.03 | 0.41 |
| Zasukhino 2 | MN17 | 5 | 0.30 | 0.44 | 0.39 | 0.24 | 0.26 | 0.27 | 0.33 | 0.43 | 0.33 | 0.33 | 0.45 | 0.35 | 0.45 | 0.26 | 0.23 | 0.20 | 0.40 | 0.14 | 0.24 |
| zhoukoudian_Loc18 | MN17 | 17 | 0.08 | 0.33 | 0.21 | 0.04 | 0.06 | 0.08 | 0.10 | 0.30 | 0.12 | 0.42 | 0.32 | 0.16 | 0.35 | 0.05 | 0.02 | 0.11 | 0.20 | 0.05 | 0.21 |
| Shungura F | MN17 | 41 | 0.01 | 0.61 | 0.34 | 0.01 | 0.03 | 0.01 | 0.03 | 0.18 | 0.16 | 0.03 | 0.21 | 0.06 | 0.26 | 0.14 | 0.01 | 0.00 | 0.68 | 0.00 | 0.00 |
| Charyn upper | MN17 | 5 | 0.31 | 0.45 | 0.39 | 0.25 | 0.26 | 0.28 | 0.32 | 0.44 | 0.32 | 0.32 | 0.44 | 0.36 | 0.45 | 0.25 | 0.20 | 0.19 | 0.39 | 0.14 | 0.25 |
| Oosterschelde | MN17 | 10 | 0.19 | 0.40 | 0.30 | 0.11 | 0.13 | 0.15 | 0.20 | 0.38 | 0.20 | 0.22 | 0.38 | 0.26 | 0.41 | 0.12 | 0.10 | 0.07 | 0.30 | 0.03 | 0.12 |
| Tegelen | MN17 | 13 | 0.14 | 0.36 | 0.25 | 0.09 | 0.10 | 0.11 | 0.16 | 0.34 | 0.17 | 0.54 | 0.36 | 0.20 | 0.38 | 0.09 | 0.05 | 0.04 | 0.24 | 0.02 | 0.07 |
| Shungura E | MN17 | 33 | 0.03 | 0.68 | 0.14 | 0.07 | 0.01 | 0.02 | 0.04 | 0.22 | 0.23 | 0.05 | 0.26 | 0.08 | 0.29 | 0.24 | 0.13 | 0.02 | 0.45 | 0.00 | 0.01 |
| Lomekwi 3 | MN17 | 14 | 0.16 | 0.86 | 0.27 | 0.09 | 0.10 | 0.12 | 0.18 | 0.35 | 0.56 | 0.17 | 0.37 | 0.23 | 0.39 | 0.38 | 0.28 | 0.20 | 0.72 | 0.14 | 0.09 |
| Lokalalei 1 | MN17 | 12 | 0.15 | 0.86 | 0.72 | 0.10 | 0.40 | 0.12 | 0.17 | 0.34 | 0.58 | 0.17 | 0.37 | 0.24 | 0.39 | 0.67 | 0.27 | 0.22 | 0.93 | 0.13 | 0.08 |
| Tulchin | MN17 | 5 | 0.29 | 1.00 | 0.88 | 0.24 | 0.94 | 0.94 | 0.97 | 0.43 | 0.97 | 0.33 | 0.44 | 0.85 | 0.45 | 0.68 | 0.91 | 0.86 | 0.88 | 0.47 | 0.23 |
| Kalochoro IV | MN17 | 5 | 0.30 | 0.44 | 0.37 | 0.24 | 0.25 | 0.28 | 0.31 | 0.42 | 0.34 | 0.34 | 0.45 | 0.37 | 0.46 | 0.24 | 0.21 | 0.20 | 0.38 | 0.14 | 0.24 |
| Shungura D | MN17 | 32 | 0.04 | 0.69 | 0.13 | 0.01 | 0.02 | 0.02 | 0.05 | 0.23 | 0.25 | 0.05 | 0.27 | 0.09 | 0.31 | 0.08 | 0.04 | 0.02 | 0.48 | 0.00 | 0.01 |
| Hata (Bouri Fm.) | MN16 | 34 | 0.02 | 0.65 | 0.40 | 0.01 | 0.06 | 0.01 | 0.03 | 0.22 | 0.16 | 0.04 | 0.24 | 0.07 | 0.27 | 0.17 | 0.02 | 0.01 | 0.71 | 0.00 | 0.00 |
| Roccaneyra | MN16 | 12 | 0.16 | 0.37 | 0.75 | 0.11 | 0.45 | 0.14 | 0.19 | 0.37 | 0.20 | 0.20 | 0.38 | 0.24 | 0.40 | 0.40 | 0.06 | 0.06 | 0.74 | 0.02 | 0.10 |
| Kangatukuseo II | MN16 | 21 | 0.09 | 0.81 | 0.60 | 0.04 | 0.21 | 0.06 | 0.09 | 0.29 | 0.40 | 0.10 | 0.32 | 0.16 | 0.35 | 0.47 | 0.14 | 0.08 | 0.88 | 0.03 | 0.04 |
| Lomekwi 1 | MN16 | 22 | 0.09 | 0.32 | 0.61 | 0.03 | 0.21 | 0.07 | 0.10 | 0.29 | 0.12 | 0.12 | 0.32 | 0.15 | 0.34 | 0.20 | 0.02 | 0.02 | 0.61 | 0.00 | 0.03 |
| Kopala 2 | MN16 | 19 | 0.15 | 0.35 | 0.74 | 0.09 | 0.36 | 0.12 | 0.17 | 0.35 | 0.17 | 0.18 | 0.37 | 0.23 | 0.39 | 0.37 | 0.07 | 0.04 | 0.73 | 0.02 | 0.08 |
| Kangatukuseo I | MN16 | 12 | 0.15 | 0.84 | 0.27 | 0.10 | 0.10 | 0.11 | 0.18 | 0.34 | 0.56 | 0.18 | 0.37 | 0.24 | 0.39 | 0.38 | 0.27 | 0.22 | 0.71 | 0.11 | 0.08 |
| Kangatukuseo III | MN16 | 6 | 0.31 | 0.44 | 0.88 | 0.25 | 0.70 | 0.28 | 0.31 | 0.43 | 0.33 | 0.33 | 0.44 | 0.37 | 0.46 | 0.71 | 0.20 | 0.18 | 0.88 | 0.13 | 0.23 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lomekwi 2 | MN16 | 6 | 0.27 | 0.43 | 0.36 | 0.21 | 0.23 | 0.26 | 0.28 | 0.42 | 0.31 | 0.30 | 0.43 | 0.33 | 0.44 | 0.21 | 0.18 | 0.15 | 0.37 | 0.10 | 0.22 |
| Laetoli_Upper Ndola | MN16 | 8 | 0.21 | 0.41 | 0.34 | 0.17 | 0.17 | 0.18 | 0.24 | 0.41 | 0.27 | 0.24 | 0.41 | 0.29 | 0.43 | 0.16 | 0.13 | 0.11 | 0.33 | 0.06 | 0.16 |
| Alikes (ALK) | MN16 | 8 | 0.30 | 0.44 | 0.38 | 0.25 | 0.25 | 0.29 | 0.32 | 0.44 | 0.33 | 0.32 | 0.44 | 0.36 | 0.46 | 0.26 | 0.21 | 0.19 | 0.38 | 0.13 | 0.25 |
| Capo Figari 1 | MN16 | 8 | 0.26 | 0.42 | 0.36 | 0.18 | 0.19 | 0.21 | 0.71 | 0.40 | 0.28 | 0.28 | 0.42 | 0.32 | 0.44 | 0.19 | 0.15 | 0.46 | 0.35 | 0.08 | 0.18 |
| Costa San Giacomo I | MN16 | 17 | 0.09 | 0.33 | 0.62 | 0.05 | 0.24 | 0.07 | 0.10 | 0.30 | 0.12 | 0.10 | 0.33 | 0.17 | 0.36 | 0.22 | 0.03 | 0.02 | 0.62 | 0.00 | 0.05 |
| Farneta | MN16 | 13 | 0.18 | 0.40 | 0.29 | 0.12 | 0.13 | 0.14 | 0.21 | 0.37 | 0.20 | 0.21 | 0.40 | 0.26 | 0.41 | 0.13 | 0.09 | 0.07 | 0.30 | 0.04 | 0.12 |
| Graunceanu | MN16 | 22 | 0.06 | 0.29 | 0.54 | 0.03 | 0.17 | 0.05 | 0.08 | 0.27 | 0.08 | 0.09 | 0.29 | 0.12 | 0.33 | 0.14 | 0.02 | 0.01 | 0.54 | 0.00 | 0.03 |
| Itantsinian FC | MN16 | 5 | 0.34 | 0.45 | 0.89 | 0.27 | 0.75 | 0.32 | 0.35 | 0.45 | 0.35 | 0.35 | 0.46 | 0.38 | 0.46 | 0.74 | 0.25 | 0.23 | 0.91 | 0.18 | 0.27 |
| Klochnevo 1 Eopleist | MN16 | 5 | 0.33 | 0.45 | 0.41 | 0.29 | 0.30 | 0.31 | 0.35 | 0.45 | 0.36 | 0.36 | 0.44 | 0.39 | 0.46 | 0.28 | 0.25 | 0.22 | 0.42 | 0.17 | 0.29 |
| Krimni (KRI) | MN16 | 5 | 0.31 | 0.44 | 0.39 | 0.25 | 0.25 | 0.28 | 0.32 | 0.44 | 0.33 | 0.32 | 0.43 | 0.37 | 0.45 | 0.26 | 0.21 | 0.19 | 0.40 | 0.14 | 0.24 |
| Kuruksaj | MN16 | 30 | 0.03 | 0.24 | 0.74 | 0.01 | 0.07 | 0.01 | 0.03 | 0.22 | 0.20 | 0.04 | 0.24 | 0.07 | 0.28 | 0.06 | 0.03 | 0.00 | 0.41 | 0.00 | 0.01 |
| Livakos (LIV) | MN16 | 16 | 0.12 | 0.35 | 0.24 | 0.06 | 0.07 | 0.10 | 0.14 | 0.33 | 0.14 | 0.15 | 0.35 | 0.21 | 0.38 | 0.08 | 0.04 | 0.03 | 0.24 | 0.01 | 0.07 |
| Montopoli FU | MN16 | 20 | 0.07 | 0.32 | 0.60 | 0.03 | 0.18 | 0.06 | 0.09 | 0.27 | 0.09 | 0.10 | 0.31 | 0.14 | 0.35 | 0.20 | 0.01 | 0.01 | 0.58 | 0.00 | 0.03 |
| Nova Vieska | MN16 | 8 | 0.27 | 0.43 | 0.38 | 0.21 | 0.22 | 0.24 | 0.28 | 0.41 | 0.28 | 0.29 | 0.43 | 0.33 | 0.45 | 0.22 | 0.17 | 0.14 | 0.38 | 0.10 | 0.20 |
| Olivola FU | MN16 | 25 | 0.06 | 0.28 | 0.15 | 0.02 | 0.02 | 0.03 | 0.28 | 0.24 | 0.06 | 0.06 | 0.27 | 0.10 | 0.32 | 0.02 | 0.01 | 0.01 | 0.16 | 0.00 | 0.02 |
| Pantalla | MN16 | 7 | 0.25 | 0.42 | 0.35 | 0.18 | 0.19 | 0.22 | 0.25 | 0.39 | 0.27 | 0.27 | 0.41 | 0.32 | 0.42 | 0.20 | 0.15 | 0.12 | 0.35 | 0.08 | 0.17 |
| Pirro | MN16 | 13 | 0.16 | 0.37 | 0.27 | 0.10 | 0.11 | 0.12 | 0.17 | 0.35 | 0.18 | 0.18 | 0.37 | 0.24 | 0.39 | 0.10 | 0.07 | 0.06 | 0.28 | 0.02 | 0.08 |
| Polylakkos | MN16 | 5 | 0.30 | 0.44 | 0.39 | 0.23 | 0.25 | 0.28 | 0.33 | 0.44 | 0.33 | 0.33 | 0.45 | 0.35 | 0.45 | 0.27 | 0.21 | 0.19 | 0.37 | 0.14 | 0.23 |
| Pont de Gail | MN16 | 6 | 0.27 | 0.44 | 0.38 | 0.21 | 0.65 | 0.68 | 0.75 | 0.41 | 0.30 | 0.30 | 0.43 | 0.82 | 0.45 | 0.23 | 0.56 | 0.52 | 0.37 | 0.12 | 0.22 |
| Selvella | MN16 | 7 | 0.25 | 0.42 | 0.36 | 0.19 | 0.20 | 0.23 | 0.25 | 0.41 | 0.27 | 0.27 | 0.41 | 0.31 | 0.45 | 0.19 | 0.16 | 0.12 | 0.35 | 0.08 | 0.18 |
| Slivnitsa | MN16 | 15 | 0.12 | 0.35 | 0.24 | 0.06 | 0.07 | 0.08 | 0.12 | 0.32 | 0.12 | 0.15 | 0.34 | 0.20 | 0.36 | 0.07 | 0.04 | 0.02 | 0.24 | 0.01 | 0.05 |
| Strekov | MN16 | 8 | 0.26 | 0.43 | 0.39 | 0.22 | 0.23 | 0.25 | 0.30 | 0.41 | 0.30 | 0.30 | 0.42 | 0.33 | 0.45 | 0.23 | 0.17 | 0.15 | 0.37 | 0.10 | 0.21 |
| Tourkovounia 3-5 | MN16 | 5 | 0.30 | 0.44 | 0.39 | 0.25 | 0.24 | 0.29 | 0.32 | 0.43 | 0.32 | 0.33 | 0.44 | 0.35 | 0.45 | 0.26 | 0.22 | 0.18 | 0.39 | 0.14 | 0.23 |
| Triversa F.U | MN16 | 20 | 0.06 | 0.29 | 0.18 | 0.03 | 0.04 | 0.05 | 0.08 | 0.28 | 0.09 | 0.09 | 0.30 | 0.13 | 0.33 | 0.03 | 0.02 | 0.01 | 0.18 | 0.00 | 0.03 |
| Tsalka | MN16 | 8 | 0.22 | 0.41 | 0.35 | 0.16 | 0.18 | 0.18 | 0.24 | 0.39 | 0.25 | 0.26 | 0.41 | 0.31 | 0.42 | 0.17 | 0.12 | 0.10 | 0.33 | 0.06 | 0.16 |
| Kada Hadar | MN16 | 25 | 0.04 | 0.72 | 0.48 | 0.02 | 0.11 | 0.03 | 0.53 | 0.24 | 0.27 | 0.06 | 0.29 | 0.10 | 0.31 | 0.31 | 0.06 | 0.02 | 0.81 | 0.01 | 0.01 |
| Beregovaya 1 | MN16 | 24 | 0.07 | 0.31 | 0.86 | 0.03 | 0.19 | 0.05 | 0.09 | 0.28 | 0.38 | 0.36 | 0.30 | 0.13 | 0.83 | 0.19 | 0.11 | 0.01 | 0.57 | 0.02 | 0.16 |
| Shungura C | MN16 | 47 | 0.01 | 0.60 | 0.09 | 0.00 | 0.00 | 0.01 | 0.02 | 0.17 | 0.12 | 0.03 | 0.20 | 0.05 | 0.24 | 0.02 | 0.01 | 0.00 | 0.30 | 0.00 | 0.00 |
| Kopala 1 | MN16 | 6 | 0.37 | 0.47 | 0.43 | 0.33 | 0.33 | 0.35 | 0.38 | 0.46 | 0.39 | 0.39 | 0.47 | 0.40 | 0.47 | 0.33 | 0.30 | 0.28 | 0.43 | 0.24 | 0.31 |
| Shamar | MN16 | 22 | 0.07 | 0.32 | 0.58 | 0.03 | 0.19 | 0.06 | 0.10 | 0.30 | 0.10 | 0.35 | 0.31 | 0.14 | 0.34 | 0.18 | 0.02 | 0.01 | 0.57 | 0.00 | 0.03 |
| Laetoli_18 | MN16 | 11 | 0.16 | 0.39 | 0.73 | 0.09 | 0.44 | 0.13 | 0.17 | 0.35 | 0.19 | 0.19 | 0.39 | 0.26 | 0.41 | 0.39 | 0.08 | 0.05 | 0.74 | 0.03 | 0.10 |
| Laetoli_7E | MN16 | 9 | 0.20 | 0.41 | 0.79 | 0.15 | 0.51 | 0.17 | 0.21 | 0.38 | 0.22 | 0.24 | 0.41 | 0.28 | 0.42 | 0.48 | 0.11 | 0.08 | 0.78 | 0.04 | 0.12 |
| Lomekwi 4 | MN16 | 27 | 0.06 | 0.31 | 0.51 | 0.02 | 0.15 | 0.03 | 0.06 | 0.25 | 0.08 | 0.08 | 0.30 | 0.12 | 0.30 | 0.13 | 0.01 | 0.00 | 0.54 | 0.00 | 0.02 |
| Lomekwi 4 East | MN16 | 5 | 0.33 | 0.46 | 0.91 | 0.28 | 0.75 | 0.31 | 0.34 | 0.44 | 0.36 | 0.36 | 0.45 | 0.37 | 0.46 | 0.76 | 0.23 | 0.21 | 0.92 | 0.18 | 0.28 |
| Lomekwi 5 | MN16 | 30 | 0.05 | 0.73 | 0.51 | 0.02 | 0.12 | 0.03 | 0.05 | 0.24 | 0.26 | 0.07 | 0.28 | 0.09 | 0.32 | 0.30 | 0.06 | 0.03 | 0.80 | 0.01 | 0.02 |
| Lomekwi | MN16 | 21 | 0.10 | 0.34 | 0.24 | 0.05 | 0.06 | 0.07 | 0.11 | 0.30 | 0.14 | 0.12 | 0.33 | 0.18 | 0.36 | 0.05 | 0.04 | 0.02 | 0.22 | 0.01 | 0.05 |
| Ain Brimba | MN16 | 12 | 0.15 | 0.36 | 0.72 | 0.09 | 0.40 | 0.13 | 0.17 | 0.36 | 0.19 | 0.18 | 0.37 | 0.23 | 0.38 | 0.38 | 0.06 | 0.05 | 0.69 | 0.03 | 0.08 |
| Covrigi | MN16 | 5 | 0.30 | 0.44 | 0.40 | 0.24 | 0.24 | 0.27 | 0.33 | 0.42 | 0.33 | 0.33 | 0.44 | 0.36 | 0.45 | 0.26 | 0.23 | 0.19 | 0.39 | 0.14 | 0.25 |
| El Rincn | MN16 | 11 | 0.17 | 0.38 | 0.73 | 0.10 | 0.43 | 0.15 | 0.59 | 0.37 | 0.20 | 0.18 | 0.39 | 0.25 | 0.40 | 0.39 | 0.08 | 0.26 | 0.74 | 0.03 | 0.09 |
| Etouaires | MN16 | 30 | 0.03 | 0.24 | 0.45 | 0.01 | 0.08 | 0.02 | 0.05 | 0.22 | 0.05 | 0.05 | 0.25 | 0.09 | 0.29 | 0.08 | 0.00 | 0.00 | 0.45 | 0.00 | 0.01 |
| Groserea | MN16 | 5 | 0.30 | 0.44 | 0.38 | 0.26 | 0.27 | 0.27 | 0.31 | 0.42 | 0.32 | 0.33 | 0.44 | 0.36 | 0.45 | 0.24 | 0.21 | 0.19 | 0.38 | 0.14 | 0.25 |
| Gulyazi | MN16 | 18 | 0.09 | 0.32 | 0.61 | 0.05 | 0.23 | 0.07 | 0.10 | 0.30 | 0.11 | 0.12 | 0.33 | 0.17 | 0.36 | 0.23 | 0.03 | 0.01 | 0.63 | 0.01 | 0.04 |
| Gundersheim 1 | MN16 | 5 | 0.30 | 0.44 | 0.39 | 0.25 | 0.28 | 0.26 | 0.79 | 0.43 | 0.32 | 0.33 | 0.44 | 0.36 | 0.45 | 0.26 | 0.20 | 0.57 | 0.38 | 0.12 | 0.24 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hajncka | MN16 | 23 | 0.09 | 0.31 | 0.19 | 0.04 | 0.05 | 0.06 | 0.10 | 0.30 | 0.10 | 0.40 | 0.32 | 0.15 | 0.34 | 0.04 | 0.03 | 0.01 | 0.22 | 0.00 | 0.03 |
| Hulago | MN16 | 11 | 0.16 | 0.38 | 0.74 | 0.11 | 0.43 | 0.14 | 0.56 | 0.37 | 0.20 | 0.19 | 0.38 | 0.24 | 0.40 | 0.39 | 0.07 | 0.28 | 0.73 | 0.03 | 0.10 |
| Iaras-1 | MN16 | 6 | 0.28 | 0.43 | 0.37 | 0.21 | 0.22 | 0.25 | 0.30 | 0.41 | 0.31 | 0.31 | 0.43 | 0.35 | 0.45 | 0.21 | 0.18 | 0.15 | 0.36 | 0.11 | 0.21 |
| Illieni | MN16 | 5 | 0.30 | 0.44 | 0.88 | 0.25 | 0.71 | 0.27 | 0.32 | 0.43 | 0.32 | 0.34 | 0.44 | 0.36 | 0.44 | 0.69 | 0.21 | 0.21 | 0.88 | 0.14 | 0.24 |
| Jingle-hefeng | MN16 | 6 | 0.28 | 0.43 | 0.84 | 0.20 | 0.91 | 0.25 | 0.28 | 0.42 | 0.30 | 0.30 | 0.43 | 0.35 | 0.45 | 0.65 | 0.17 | 0.15 | 0.86 | 0.10 | 0.62 |
| Kislng | MN16 | 30 | 0.03 | 0.27 | 0.13 | 0.01 | 0.02 | 0.02 | 0.49 | 0.21 | 0.05 | 0.05 | 0.26 | 0.09 | 0.30 | 0.01 | 0.01 | 0.02 | 0.12 | 0.00 | 0.01 |
| Kvabebi | MN16 | 20 | 0.07 | 0.29 | 0.57 | 0.02 | 0.18 | 0.05 | 0.08 | 0.27 | 0.09 | 0.09 | 0.30 | 0.14 | 0.34 | 0.16 | 0.02 | 0.01 | 0.54 | 0.00 | 0.03 |
| La Higueruelas | MN16 | 5 | 0.31 | 0.44 | 0.88 | 0.25 | 0.71 | 0.28 | 0.30 | 0.43 | 0.33 | 0.32 | 0.43 | 0.37 | 0.45 | 0.69 | 0.21 | 0.18 | 0.87 | 0.14 | 0.23 |
| Lingtai-renjiagou | MN16 | 6 | 0.29 | 0.45 | 0.88 | 0.25 | 0.69 | 0.29 | 0.33 | 0.44 | 0.31 | 0.33 | 0.44 | 0.36 | 0.45 | 0.70 | 0.22 | 0.18 | 0.87 | 0.13 | 0.25 |
| Lomekwi 10 | MN16 | 16 | 0.16 | 0.37 | 0.26 | 0.10 | 0.10 | 0.13 | 0.17 | 0.35 | 0.18 | 0.17 | 0.38 | 0.22 | 0.38 | 0.10 | 0.07 | 0.05 | 0.28 | 0.03 | 0.08 |
| Lomekwi 9 | MN16 | 18 | 0.10 | 0.79 | 0.63 | 0.05 | 0.26 | 0.08 | 0.12 | 0.31 | 0.45 | 0.13 | 0.34 | 0.17 | 0.36 | 0.53 | 0.15 | 0.11 | 0.89 | 0.06 | 0.05 |
| Piedrabuena | MN16 | 6 | 0.27 | 0.43 | 0.85 | 0.23 | 0.65 | 0.24 | 0.29 | 0.41 | 0.31 | 0.29 | 0.42 | 0.34 | 0.45 | 0.64 | 0.16 | 0.15 | 0.86 | 0.10 | 0.22 |
| Triversa (Fornace RI | MN16 | 19 | 0.08 | 0.31 | 0.18 | 0.04 | 0.05 | 0.06 | 0.37 | 0.29 | 0.10 | 0.10 | 0.31 | 0.16 | 0.35 | 0.04 | 0.02 | 0.08 | 0.20 | 0.00 | 0.04 |
| Udunginian FC | MN16 | 21 | 0.08 | 0.33 | 0.59 | 0.04 | 0.52 | 0.30 | 0.12 | 0.30 | 0.11 | 0.12 | 0.32 | 0.17 | 0.36 | 0.23 | 0.03 | 0.02 | 0.59 | 0.01 | 0.20 |
| Uttarbeni?Parmand | MN16 | 8 | 0.26 | 0.41 | 0.83 | 0.18 | 0.60 | 0.23 | 0.27 | 0.40 | 0.28 | 0.28 | 0.42 | 0.32 | 0.44 | 0.59 | 0.15 | 0.12 | 0.84 | 0.09 | 0.18 |
| Velre 2 | MN16 | 5 | 0.30 | 0.44 | 0.38 | 0.25 | 0.25 | 0.28 | 0.32 | 0.43 | 0.32 | 0.33 | 0.44 | 0.36 | 0.46 | 0.26 | 0.22 | 0.19 | 0.39 | 0.14 | 0.24 |
| Vialette | MN16 | 15 | 0.12 | 0.35 | 0.26 | 0.06 | 0.07 | 0.09 | 0.14 | 0.33 | 0.16 | 0.14 | 0.34 | 0.19 | 0.38 | 0.07 | 0.05 | 0.04 | 0.25 | 0.01 | 0.07 |
| Villaroya | MN16 | 23 | 0.06 | 0.29 | 0.54 | 0.03 | 0.15 | 0.04 | 0.07 | 0.25 | 0.08 | 0.09 | 0.30 | 0.11 | 0.33 | 0.13 | 0.01 | 0.01 | 0.52 | 0.00 | 0.02 |
| Yangyuan-Hongyana | MN16 | 5 | 0.36 | 0.46 | 0.43 | 0.34 | 0.35 | 0.36 | 0.38 | 0.45 | 0.39 | 0.39 | 0.46 | 0.41 | 0.48 | 0.33 | 0.30 | 0.26 | 0.43 | 0.22 | 0.32 |
| Youhe | MN16 | 7 | 0.24 | 0.42 | 0.36 | 0.18 | 0.21 | 0.22 | 0.26 | 0.41 | 0.27 | 0.26 | 0.41 | 0.32 | 0.44 | 0.20 | 0.14 | 0.14 | 0.35 | 0.09 | 0.18 |
| Yushe-Mazegou | MN16 | 8 | 0.22 | 0.42 | 0.35 | 0.16 | 0.17 | 0.19 | 0.25 | 0.40 | 0.26 | 0.24 | 0.40 | 0.29 | 0.43 | 0.17 | 0.12 | 0.10 | 0.33 | 0.06 | 0.15 |
| Yuxian-Danangou | MN16 | 5 | 0.30 | 0.43 | 0.40 | 0.24 | 0.26 | 0.27 | 0.32 | 0.44 | 0.33 | 0.80 | 0.44 | 0.36 | 0.96 | 0.26 | 0.21 | 0.18 | 0.40 | 0.14 | 0.67 |
| Il Naibar 3 | MN16 | 34 | 0.02 | 0.67 | 0.44 | 0.01 | 0.09 | 0.02 | 0.04 | 0.22 | 0.23 | 0.05 | 0.23 | 0.08 | 0.29 | 0.22 | 0.03 | 0.02 | 0.74 | 0.00 | 0.01 |
| Koobi Fora Ridge 1 | MN16 | 12 | 0.17 | 0.86 | 0.28 | 0.11 | 0.11 | 0.13 | 0.18 | 0.35 | 0.59 | 0.18 | 0.38 | 0.22 | 0.39 | 0.40 | 0.31 | 0.25 | 0.75 | 0.14 | 0.09 |
| Sibilot 4 | MN16 | 32 | 0.06 | 0.74 | 0.16 | 0.02 | 0.03 | 0.04 | 0.07 | 0.27 | 0.31 | 0.07 | 0.29 | 0.11 | 0.32 | 0.13 | 0.06 | 0.05 | 0.50 | 0.02 | 0.02 |
| Gerakarou 1 (GER) | MN16 | 16 | 0.11 | 0.34 | 0.65 | 0.06 | 0.29 | 0.09 | 0.14 | 0.32 | 0.13 | 0.14 | 0.35 | 0.18 | 0.39 | 0.29 | 0.04 | 0.02 | 0.67 | 0.01 | 0.06 |
| Pyrgos | MN16 | 7 | 0.30 | 0.44 | 0.38 | 0.24 | 0.25 | 0.27 | 0.33 | 0.43 | 0.32 | 0.33 | 0.44 | 0.37 | 0.45 | 0.26 | 0.21 | 0.18 | 0.38 | 0.14 | 0.24 |
| Selim-Dzhevar | MN16 | 9 | 0.24 | 0.91 | 0.84 | 0.19 | 0.87 | 0.91 | 0.72 | 0.40 | 0.72 | 0.28 | 0.42 | 0.79 | 0.43 | 0.20 | 0.16 | 0.43 | 0.35 | 0.07 | 0.56 |
| Vassiloudi (VSL) | MN16 | 6 | 0.28 | 0.43 | 0.84 | 0.21 | 0.67 | 0.26 | 0.29 | 0.41 | 0.31 | 0.30 | 0.43 | 0.35 | 0.44 | 0.63 | 0.18 | 0.15 | 0.85 | 0.10 | 0.21 |
| Albertine 10 | MN16 | 10 | 0.19 | 0.41 | 0.79 | 0.14 | 0.51 | 0.19 | 0.22 | 0.38 | 0.23 | 0.23 | 0.40 | 0.27 | 0.41 | 0.49 | 0.10 | 0.08 | 0.77 | 0.05 | 0.13 |
| Albertine 3 | MN16 | 6 | 0.27 | 0.43 | 0.36 | 0.23 | 0.24 | 0.25 | 0.30 | 0.43 | 0.31 | 0.30 | 0.43 | 0.35 | 0.45 | 0.22 | 0.18 | 0.16 | 0.35 | 0.11 | 0.20 |
| Albertine 4 | MN16 | 19 | 0.10 | 0.33 | 0.21 | 0.04 | 0.06 | 0.07 | 0.11 | 0.29 | 0.11 | 0.11 | 0.33 | 0.15 | 0.37 | 0.05 | 0.03 | 0.02 | 0.21 | 0.01 | 0.04 |
| Bahrel Ghazal | MN16 | 8 | 0.21 | 0.41 | 0.34 | 0.16 | 0.18 | 0.20 | 0.23 | 0.40 | 0.24 | 0.27 | 0.41 | 0.30 | 0.42 | 0.16 | 0.11 | 0.11 | 0.33 | 0.06 | 0.15 |
| Bel Hacel | MN16 | 7 | 0.25 | 0.41 | 0.36 | 0.19 | 0.20 | 0.22 | 0.26 | 0.41 | 0.27 | 0.27 | 0.42 | 0.33 | 0.44 | 0.19 | 0.13 | 0.14 | 0.36 | 0.08 | 0.16 |
| Blassac la Girondie | MN16 | 13 | 0.15 | 0.36 | 0.27 | 0.09 | 0.11 | 0.12 | 0.17 | 0.33 | 0.18 | 0.19 | 0.37 | 0.22 | 0.38 | 0.09 | 0.07 | 0.05 | 0.26 | 0.03 | 0.07 |
| Chikoian FC | MN16 | 7 | 0.28 | 0.44 | 0.85 | 0.20 | 0.63 | 0.26 | 0.28 | 0.42 | 0.29 | 0.76 | 0.43 | 0.33 | 0.45 | 0.65 | 0.18 | 0.15 | 0.86 | 0.12 | 0.21 |
| Chiwondo (Mwimbi | MN16 | 13 | 0.14 | 0.37 | 0.26 | 0.08 | 0.08 | 0.11 | 0.14 | 0.34 | 0.16 | 0.15 | 0.37 | 0.22 | 0.38 | 0.07 | 0.06 | 0.03 | 0.26 | 0.02 | 0.08 |
| Chiwondo 1 | MN16 | 8 | 0.24 | 0.42 | 0.34 | 0.16 | 0.18 | 0.19 | 0.22 | 0.39 | 0.24 | 0.26 | 0.41 | 0.30 | 0.42 | 0.17 | 0.13 | 0.10 | 0.32 | 0.07 | 0.16 |
| Chiwondo 2 (Unit 3A | MN16 | 19 | 0.10 | 0.33 | 0.66 | 0.04 | 0.25 | 0.08 | 0.11 | 0.30 | 0.14 | 0.13 | 0.33 | 0.18 | 0.36 | 0.25 | 0.03 | 0.02 | 0.63 | 0.01 | 0.04 |
| Dikika | MN16 | 20 | 0.08 | 0.30 | 0.59 | 0.04 | 0.20 | 0.05 | 0.10 | 0.28 | 0.09 | 0.10 | 0.30 | 0.14 | 0.35 | 0.19 | 0.02 | 0.01 | 0.58 | 0.00 | 0.03 |
| Ledi-Geraru | MN16 | 9 | 0.22 | 0.41 | 0.81 | 0.17 | 0.55 | 0.20 | 0.24 | 0.40 | 0.24 | 0.26 | 0.40 | 0.30 | 0.42 | 0.52 | 0.13 | 0.11 | 0.79 | 0.06 | 0.16 |
| Matabaietu | MN16 | 23 | 0.06 | 0.74 | 0.52 | 0.02 | 0.18 | 0.04 | 0.07 | 0.27 | 0.32 | 0.09 | 0.30 | 0.13 | 0.33 | 0.41 | 0.08 | 0.06 | 0.84 | 0.01 | 0.02 |
| Mursi | MN16 | 8 | 0.22 | 0.90 | 0.33 | 0.16 | 0.17 | 0.19 | 0.25 | 0.39 | 0.70 | 0.25 | 0.41 | 0.29 | 0.43 | 0.54 | 0.44 | 0.38 | 0.82 | 0.27 | 0.16 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Olivola | MN16 | 11 | 0.20 | 0.39 | 0.31 | 0.12 | 0.14 | 0.15 | 0.20 | 0.37 | 0.21 | 0.21 | 0.39 | 0.25 | 0.41 | 0.12 | 0.09 | 0.07 | 0.30 | 0.04 | 0.12 |
| Omo 1 | MN16 | 15 | 0.10 | 0.81 | 0.24 | 0.04 | 0.06 | 0.08 | 0.12 | 0.33 | 0.47 | 0.14 | 0.35 | 0.18 | 0.37 | 0.29 | 0.18 | 0.14 | 0.66 | 0.06 | 0.06 |
| Omo 2 | MN16 | 18 | 0.08 | 0.79 | 0.21 | 0.04 | 0.05 | 0.06 | 0.37 | 0.29 | 0.39 | 0.11 | 0.31 | 0.15 | 0.35 | 0.21 | 0.14 | 0.09 | 0.59 | 0.03 | 0.03 |
| Omo 3 | MN16 | 14 | 0.13 | 0.83 | 0.24 | 0.07 | 0.09 | 0.09 | 0.48 | 0.32 | 0.51 | 0.15 | 0.35 | 0.20 | 0.38 | 0.32 | 0.22 | 0.16 | 0.66 | 0.08 | 0.06 |
| Omo 4 | MN16 | 9 | 0.20 | 0.87 | 0.33 | 0.13 | 0.15 | 0.18 | 0.23 | 0.39 | 0.65 | 0.24 | 0.39 | 0.28 | 0.41 | 0.47 | 0.40 | 0.32 | 0.79 | 0.22 | 0.13 |
| Rawi 1 | MN16 | 9 | 0.20 | 0.40 | 0.32 | 0.14 | 0.15 | 0.18 | 0.22 | 0.38 | 0.23 | 0.22 | 0.40 | 0.29 | 0.42 | 0.14 | 0.11 | 0.08 | 0.32 | 0.03 | 0.13 |
| Tatrot | MN16 | 20 | 0.10 | 0.31 | 0.63 | 0.05 | 0.24 | 0.07 | 0.10 | 0.29 | 0.12 | 0.11 | 0.33 | 0.16 | 0.36 | 0.24 | 0.02 | 0.02 | 0.98 | 0.01 | 0.04 |
| Tologoian FC | MN16 | 6 | 0.29 | 0.44 | 0.39 | 0.24 | 0.27 | 0.28 | 0.31 | 0.43 | 0.33 | 0.32 | 0.44 | 0.36 | 0.45 | 0.26 | 0.21 | 0.18 | 0.39 | 0.13 | 0.24 |
| Usno | MN16 | 28 | 0.04 | 0.72 | 0.46 | 0.01 | 0.10 | 0.03 | 0.04 | 0.24 | 0.24 | 0.05 | 0.26 | 0.09 | 0.31 | 0.25 | 0.04 | 0.09 | 0.78 | 0.03 | 0.07 |
| Usno 2 | MN16 | 22 | 0.06 | 0.76 | 0.19 | 0.03 | 0.04 | 0.05 | 0.07 | 0.28 | 0.36 | 0.09 | 0.30 | 0.13 | 0.34 | 0.17 | 0.09 | 0.08 | 0.57 | 0.03 | 0.03 |
| Denen Dora (Hadar) | MN16 | 43 | 0.01 | 0.63 | 0.33 | 0.00 | 0.03 | 0.01 | 0.12 | 0.18 | 0.11 | 0.02 | 0.20 | 0.05 | 0.24 | 0.10 | 0.01 | 0.02 | 0.64 | 0.00 | 0.03 |
| Esekartkan | MN16 | 16 | 0.09 | 0.32 | 0.90 | 0.05 | 0.26 | 0.08 | 0.13 | 0.32 | 0.44 | 0.46 | 0.34 | 0.17 | 0.85 | 0.25 | 0.18 | 0.02 | 0.63 | 0.04 | 0.23 |
| Udunga | MN16 | 28 | 0.04 | 0.29 | 0.52 | 0.02 | 0.36 | 0.18 | 0.06 | 0.26 | 0.07 | 0.08 | 0.29 | 0.11 | 0.32 | 0.12 | 0.01 | 0.04 | 0.51 | 0.00 | 0.10 |
| Shungura B | MN16 | 47 | 0.00 | 0.56 | 0.05 | 0.00 | 0.00 | 0.00 | 0.01 | 0.14 | 0.09 | 0.02 | 0.17 | 0.03 | 0.23 | 0.02 | 0.00 | 0.00 | 0.29 | 0.00 | 0.00 |
| Koro Toro | MN16 | 20 | 0.07 | 0.30 | 0.58 | 0.03 | 0.20 | 0.06 | 0.35 | 0.28 | 0.10 | 0.10 | 0.30 | 0.15 | 0.34 | 0.20 | 0.02 | 0.02 | 0.57 | 0.00 | 0.04 |
| Siwaliks L0101 | MN16 | 8 | 0.25 | 0.42 | 0.35 | 0.18 | 0.20 | 0.22 | 0.26 | 0.41 | 0.27 | 0.27 | 0.41 | 0.32 | 0.44 | 0.20 | 0.15 | 0.12 | 0.35 | 0.08 | 0.17 |
| Siwaliks L0102 | MN16 | 5 | 0.34 | 0.45 | 0.41 | 0.29 | 0.30 | 0.32 | 0.34 | 0.44 | 0.36 | 0.36 | 0.45 | 0.38 | 0.46 | 0.29 | 0.25 | 0.24 | 0.89 | 0.16 | 0.28 |
| Sidi Hakoma (Hadar) | MN16 | 47 | 0.00 | 0.54 | 0.26 | 0.00 | 0.01 | 0.00 | 0.21 | 0.15 | 0.09 | 0.01 | 0.17 | 0.03 | 0.22 | 0.05 | 0.00 | 0.01 | 0.53 | 0.00 | 0.01 |
| Makapansgat | MN16 | 5 | 0.32 | 0.45 | 0.41 | 0.29 | 0.30 | 0.32 | 0.35 | 0.45 | 0.35 | 0.36 | 0.45 | 0.38 | 0.46 | 0.29 | 0.24 | 0.23 | 0.42 | 0.18 | 0.27 |
| Sterkfontein | MN16 | 10 | 0.19 | 0.39 | 0.32 | 0.15 | 0.16 | 0.19 | 0.22 | 0.38 | 0.23 | 0.21 | 0.40 | 0.27 | 0.42 | 0.14 | 0.10 | 0.09 | 0.32 | 0.05 | 0.14 |
| Kaiyumung | MN16 | 26 | 0.04 | 0.73 | 0.15 | 0.02 | 0.02 | 0.03 | 0.06 | 0.25 | 0.28 | 0.06 | 0.27 | 0.10 | 0.30 | 0.10 | 0.05 | 0.04 | 0.49 | 0.01 | 0.01 |
| Il Naibar 2 | MN15 | 22 | 0.10 | 0.33 | 0.62 | 0.05 | 0.24 | 0.06 | 0.10 | 0.32 | 0.13 | 0.13 | 0.33 | 0.16 | 0.36 | 0.23 | 0.02 | 0.01 | 0.65 | 0.01 | 0.04 |
| Karari Ridge 1 | MN15 | 10 | 0.19 | 0.86 | 0.76 | 0.11 | 0.49 | 0.15 | 0.19 | 0.37 | 0.63 | 0.22 | 0.39 | 0.26 | 0.41 | 0.77 | 0.35 | 0.29 | 0.96 | 0.19 | 0.11 |
| Loruth Kaado 1 | MN15 | 9 | 0.19 | 0.89 | 0.78 | 0.15 | 0.50 | 0.17 | 0.23 | 0.38 | 0.66 | 0.23 | 0.39 | 0.28 | 0.41 | 0.79 | 0.38 | 0.33 | 0.97 | 0.24 | 0.13 |
| Nasechebun 1 | MN15 | 5 | 0.29 | 0.45 | 0.39 | 0.24 | 0.27 | 0.28 | 0.32 | 0.43 | 0.32 | 0.32 | 0.45 | 0.36 | 0.44 | 0.25 | 0.21 | 0.19 | 0.39 | 0.14 | 0.23 |
| Sibilot 3 | MN15 | 8 | 0.22 | 0.91 | 0.33 | 0.51 | 0.18 | 0.18 | 0.24 | 0.39 | 0.69 | 0.25 | 0.40 | 0.29 | 0.42 | 0.85 | 0.77 | 0.40 | 0.83 | 0.27 | 0.15 |
| Woranso-Mille | MN15 | 15 | 0.13 | 0.36 | 0.25 | 0.07 | 0.08 | 0.10 | 0.14 | 0.32 | 0.15 | 0.15 | 0.35 | 0.20 | 0.39 | 0.08 | 0.05 | 0.03 | 0.24 | 0.01 | 0.06 |
| Chemeron | MN15 | 34 | 0.03 | 0.68 | 0.12 | 0.01 | 0.01 | 0.02 | 0.03 | 0.21 | 0.20 | 0.04 | 0.24 | 0.08 | 0.28 | 0.06 | 0.02 | 0.02 | 0.43 | 0.00 | 0.00 |
| Laetoli_10 | MN15 | 11 | 0.17 | 0.38 | 0.29 | 0.11 | 0.13 | 0.14 | 0.19 | 0.35 | 0.19 | 0.20 | 0.38 | 0.24 | 0.41 | 0.11 | 0.07 | 0.06 | 0.28 | 0.03 | 0.10 |
| Laetoli_10W | MN15 | 9 | 0.19 | 0.41 | 0.78 | 0.12 | 0.48 | 0.17 | 0.22 | 0.38 | 0.24 | 0.23 | 0.40 | 0.27 | 0.41 | 0.49 | 0.10 | 0.09 | 0.79 | 0.05 | 0.14 |
| Laetoli_11 | MN15 | 8 | 0.22 | 0.41 | 0.33 | 0.16 | 0.18 | 0.20 | 0.24 | 0.39 | 0.24 | 0.25 | 0.41 | 0.30 | 0.43 | 0.16 | 0.12 | 0.10 | 0.34 | 0.06 | 0.14 |
| Laetoli_12 | MN15 | 5 | 0.30 | 0.44 | 0.40 | 0.23 | 0.26 | 0.27 | 0.31 | 0.43 | 0.33 | 0.33 | 0.44 | 0.36 | 0.45 | 0.26 | 0.22 | 0.20 | 0.39 | 0.14 | 0.23 |
| Laetoli_16 | MN15 | 8 | 0.23 | 0.40 | 0.33 | 0.16 | 0.18 | 0.20 | 0.25 | 0.38 | 0.25 | 0.23 | 0.41 | 0.29 | 0.42 | 0.17 | 0.12 | 0.10 | 0.33 | 0.07 | 0.15 |
| Laetoli_2 | MN15 | 11 | 0.17 | 0.37 | 0.73 | 0.11 | 0.42 | 0.15 | 0.20 | 0.37 | 0.21 | 0.20 | 0.38 | 0.24 | 0.40 | 0.43 | 0.08 | 0.06 | 0.75 | 0.03 | 0.10 |
| Laetoli_21 | MN15 | 7 | 0.24 | 0.41 | 0.34 | 0.18 | 0.19 | 0.22 | 0.27 | 0.41 | 0.29 | 0.27 | 0.42 | 0.31 | 0.44 | 0.19 | 0.15 | 0.13 | 0.36 | 0.08 | 0.18 |
| Laetoli_3 | MN15 | 12 | 0.17 | 0.37 | 0.30 | 0.11 | 0.11 | 0.14 | 0.18 | 0.37 | 0.19 | 0.19 | 0.38 | 0.24 | 0.40 | 0.11 | 0.08 | 0.06 | 0.29 | 0.03 | 0.10 |
| Laetoli_4 | MN15 | 7 | 0.25 | 0.43 | 0.35 | 0.19 | 0.20 | 0.22 | 0.26 | 0.40 | 0.28 | 0.28 | 0.43 | 0.32 | 0.43 | 0.19 | 0.16 | 0.12 | 0.37 | 0.08 | 0.19 |
| Laetoli_5 | MN15 | 7 | 0.26 | 0.41 | 0.35 | 0.19 | 0.20 | 0.23 | 0.28 | 0.40 | 0.27 | 0.28 | 0.43 | 0.31 | 0.44 | 0.20 | 0.15 | 0.11 | 0.35 | 0.08 | 0.17 |
| Laetoli_6 | MN15 | 12 | 0.14 | 0.37 | 0.73 | 0.09 | 0.39 | 0.11 | 0.16 | 0.35 | 0.18 | 0.18 | 0.36 | 0.22 | 0.38 | 0.38 | 0.06 | 0.05 | 0.74 | 0.02 | 0.09 |
| Laetoli_7 | MN15 | 9 | 0.20 | 0.40 | 0.79 | 0.14 | 0.49 | 0.17 | 0.21 | 0.38 | 0.23 | 0.23 | 0.40 | 0.29 | 0.42 | 0.47 | 0.10 | 0.08 | 0.78 | 0.05 | 0.13 |
| Laetoli_8 | MN15 | 9 | 0.20 | 0.40 | 0.78 | 0.14 | 0.51 | 0.17 | 0.21 | 0.38 | 0.23 | 0.23 | 0.40 | 0.28 | 0.40 | 0.51 | 0.10 | 0.10 | 0.78 | 0.04 | 0.13 |
| Laetoli_9 | MN15 | 8 | 0.23 | 0.41 | 0.81 | 0.16 | 0.58 | 0.20 | 0.24 | 0.39 | 0.25 | 0.25 | 0.41 | 0.29 | 0.42 | 0.54 | 0.14 | 0.11 | 0.80 | 0.06 | 0.16 |
| Laetoli_9s | MN15 | 5 | 0.30 | 0.43 | 0.39 | 0.25 | 0.26 | 0.27 | 0.32 | 0.43 | 0.33 | 0.33 | 0.45 | 0.36 | 0.45 | 0.26 | 0.23 | 0.19 | 0.39 | 0.13 | 0.25 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Laetoli_Upper Laeto | MN15 | 47 | 0.01 | 0.19 | 0.31 | 0.00 | 0.02 | 0.01 | 0.07 | 0.16 | 0.01 | 0.01 | 0.17 | 0.03 | 0.23 | 0.02 | 0.00 | 0.00 | 0.26 | 0.00 | 0.00 |
| Sibilot 2 | MN15 | 5 | 0.31 | 0.45 | 0.39 | 0.25 | 0.25 | 0.27 | 0.33 | 0.43 | 0.33 | 0.32 | 0.44 | 0.36 | 0.46 | 0.25 | 0.22 | 0.17 | 0.38 | 0.14 | 0.25 |
| South Turkwell | MN15 | 24 | 0.07 | 0.77 | 0.57 | 0.03 | 0.20 | 0.05 | 0.09 | 0.27 | 0.38 | 0.09 | 0.31 | 0.14 | 0.34 | 0.44 | 0.12 | 0.08 | 0.88 | 0.02 | 0.03 |
| Lomekwi 6 | MN15 | 9 | 0.21 | 0.40 | 0.81 | 0.15 | 0.53 | 0.21 | 0.23 | 0.38 | 0.25 | 0.25 | 0.41 | 0.29 | 0.42 | 0.55 | 0.13 | 0.10 | 0.81 | 0.06 | 0.15 |
| Sibilot 1 | MN15 | 10 | 0.26 | 0.42 | 0.35 | 0.18 | 0.19 | 0.22 | 0.28 | 0.41 | 0.27 | 0.28 | 0.42 | 0.32 | 0.43 | 0.18 | 0.15 | 0.12 | 0.36 | 0.08 | 0.19 |
| Gona Western Marg | MN15 | 5 | 0.30 | 0.94 | 0.39 | 0.24 | 0.25 | 0.28 | 0.32 | 0.43 | 0.79 | 0.32 | 0.44 | 0.37 | 0.45 | 0.70 | 0.62 | 0.58 | 0.88 | 0.47 | 0.24 |
| Calta 2 | MN15 | 15 | 0.11 | 0.35 | 0.66 | 0.07 | 0.28 | 0.09 | 0.13 | 0.32 | 0.13 | 0.14 | 0.34 | 0.17 | 0.37 | 0.27 | 0.04 | 0.03 | 0.65 | 0.01 | 0.05 |
| Capeni | MN15 | 14 | 0.13 | 0.35 | 0.23 | 0.07 | 0.08 | 0.10 | 0.15 | 0.32 | 0.15 | 0.14 | 0.36 | 0.20 | 0.38 | 0.07 | 0.04 | 0.03 | 0.24 | 0.01 | 0.06 |
| Ciuperceni 2 | MN15 | 5 | 0.30 | 0.45 | 0.39 | 0.25 | 0.27 | 0.29 | 0.31 | 0.43 | 0.32 | 0.34 | 0.45 | 0.36 | 0.45 | 0.24 | 0.21 | 0.18 | 0.39 | 0.15 | 0.24 |
| Csarnota 2 | MN15 | 14 | 0.12 | 0.35 | 0.25 | 0.07 | 0.07 | 0.09 | 0.46 | 0.33 | 0.15 | 0.50 | 0.35 | 0.19 | 0.38 | 0.08 | 0.04 | 0.03 | 0.24 | 0.01 | 0.07 |
| Ekora | MN15 | 9 | 0.19 | 0.89 | 0.32 | 0.14 | 0.16 | 0.17 | 0.22 | 0.39 | 0.66 | 0.24 | 0.39 | 0.27 | 0.41 | 0.51 | 0.38 | 0.33 | 0.78 | 0.21 | 0.13 |
| Gaotege | MN15 | 8 | 0.22 | 0.41 | 0.34 | 0.15 | 0.17 | 0.19 | 0.24 | 0.39 | 0.25 | 0.69 | 0.41 | 0.29 | 0.43 | 0.16 | 0.13 | 0.10 | 0.33 | 0.06 | 0.15 |
| Garaet Ichkeul | MN15 | 14 | 0.12 | 0.34 | 0.64 | 0.07 | 0.08 | 0.09 | 0.15 | 0.32 | 0.50 | 0.16 | 0.35 | 0.21 | 0.38 | 0.07 | 0.21 | 0.03 | 0.25 | 0.08 | 0.06 |
| Ivanovce | MN15 | 20 | 0.11 | 0.35 | 0.23 | 0.06 | 0.09 | 0.08 | 0.12 | 0.32 | 0.14 | 0.14 | 0.34 | 0.18 | 0.36 | 0.07 | 0.04 | 0.02 | 0.24 | 0.01 | 0.06 |
| La Calera | MN15 | 13 | 0.15 | 0.37 | 0.69 | 0.08 | 0.33 | 0.11 | 0.50 | 0.33 | 0.17 | 0.16 | 0.36 | 0.22 | 0.39 | 0.33 | 0.05 | 0.20 | 0.69 | 0.02 | 0.07 |
| Layna | MN15 | 15 | 0.12 | 0.36 | 0.70 | 0.09 | 0.34 | 0.10 | 0.50 | 0.34 | 0.15 | 0.16 | 0.36 | 0.21 | 0.38 | 0.33 | 0.06 | 0.18 | 0.70 | 0.01 | 0.07 |
| Malushteni | MN15 | 15 | 0.13 | 0.35 | 0.23 | 0.07 | 0.08 | 0.10 | 0.48 | 0.33 | 0.13 | 0.50 | 0.36 | 0.21 | 0.38 | 0.08 | 0.05 | 0.17 | 0.24 | 0.01 | 0.07 |
| Megalo Emvolon (M | MN15 | 10 | 0.21 | 0.40 | 0.80 | 0.15 | 0.52 | 0.17 | 0.23 | 0.38 | 0.22 | 0.23 | 0.40 | 0.26 | 0.42 | 0.49 | 0.11 | 0.09 | 0.79 | 0.05 | 0.14 |
| Muselievo | MN15 | 16 | 0.11 | 0.36 | 0.66 | 0.06 | 0.28 | 0.08 | 0.12 | 0.32 | 0.13 | 0.14 | 0.35 | 0.19 | 0.37 | 0.26 | 0.04 | 0.02 | 0.65 | 0.01 | 0.05 |
| Odessa Catacombs | MN15 | 22 | 0.07 | 0.31 | 0.58 | 0.03 | 0.20 | 0.06 | 0.09 | 0.28 | 0.09 | 0.37 | 0.32 | 0.15 | 0.33 | 0.17 | 0.02 | 0.01 | 0.59 | 0.00 | 0.03 |
| Orrios 7 | MN15 | 5 | 0.30 | 0.44 | 0.87 | 0.24 | 0.72 | 0.28 | 0.79 | 0.42 | 0.32 | 0.32 | 0.44 | 0.36 | 0.45 | 0.68 | 0.21 | 0.59 | 0.88 | 0.14 | 0.24 |
| Perpignan | MN15 | 26 | 0.04 | 0.27 | 0.45 | 0.02 | 0.10 | 0.03 | 0.53 | 0.23 | 0.05 | 0.06 | 0.25 | 0.12 | 0.32 | 0.09 | 0.00 | 0.03 | 0.46 | 0.00 | 0.02 |
| Varghis | MN15 | 6 | 0.28 | 0.42 | 0.38 | 0.22 | 0.23 | 0.23 | 0.30 | 0.42 | 0.30 | 0.29 | 0.43 | 0.34 | 0.44 | 0.21 | 0.17 | 0.16 | 0.35 | 0.10 | 0.21 |
| W?lfersheim | MN15 | 15 | 0.13 | 0.34 | 0.23 | 0.06 | 0.08 | 0.09 | 0.46 | 0.32 | 0.14 | 0.14 | 0.35 | 0.18 | 0.37 | 0.06 | 0.05 | 0.13 | 0.23 | 0.01 | 0.06 |
| Weze 1 | MN15 | 12 | 0.15 | 0.36 | 0.26 | 0.10 | 0.10 | 0.15 | 0.53 | 0.34 | 0.17 | 0.54 | 0.37 | 0.23 | 0.40 | 0.09 | 0.08 | 0.24 | 0.27 | 0.13 | 0.35 |
| Tibet_Zanda | MN15 | 14 | 0.13 | 0.84 | 0.68 | 0.07 | 0.33 | 0.37 | 0.46 | 0.33 | 0.51 | 0.49 | 0.35 | 0.60 | 0.38 | 0.07 | 0.04 | 0.17 | 0.24 | 0.01 | 0.06 |
| Asa Issie | MN15 | 19 | 0.07 | 0.78 | 0.20 | 0.20 | 0.05 | 0.06 | 0.38 | 0.29 | 0.40 | 0.11 | 0.31 | 0.16 | 0.36 | 0.46 | 0.33 | 0.09 | 0.60 | 0.03 | 0.03 |
| Mianxian-yangjiawa | MN15 | 10 | 0.17 | 0.39 | 0.30 | 0.12 | 0.13 | 0.15 | 0.20 | 0.37 | 0.21 | 0.21 | 0.39 | 0.24 | 0.40 | 0.12 | 0.10 | 0.07 | 0.29 | 0.04 | 0.12 |
| Albertine 2 | MN15 | 20 | 0.10 | 0.81 | 0.21 | 0.05 | 0.07 | 0.09 | 0.12 | 0.30 | 0.45 | 0.13 | 0.33 | 0.17 | 0.36 | 0.25 | 0.18 | 0.11 | 0.64 | 0.05 | 0.04 |
| Koobi Fora (Moiti) | MN15 | 9 | 0.22 | 0.41 | 0.32 | 0.16 | 0.17 | 0.20 | 0.24 | 0.39 | 0.24 | 0.26 | 0.39 | 0.30 | 0.42 | 0.16 | 0.12 | 0.12 | 0.33 | 0.07 | 0.15 |
| Manonga 2 | MN15 | 10 | 0.20 | 0.90 | 0.32 | 0.13 | 0.15 | 0.18 | 0.21 | 0.39 | 0.67 | 0.25 | 0.41 | 0.29 | 0.42 | 0.48 | 0.38 | 0.34 | 0.82 | 0.23 | 0.13 |
| Kos | MN15 | 9 | 0.22 | 0.41 | 0.80 | 0.14 | 0.54 | 0.19 | 0.25 | 0.40 | 0.24 | 0.27 | 0.42 | 0.30 | 0.43 | 0.52 | 0.13 | 0.11 | 0.80 | 0.06 | 0.15 |
| Kanapoi | MN15 | 32 | 0.02 | 0.67 | 0.40 | 0.01 | 0.07 | 0.02 | 0.16 | 0.21 | 0.20 | 0.04 | 0.26 | 0.08 | 0.28 | 0.22 | 0.03 | 0.02 | 0.75 | 0.00 | 0.01 |
| Southern Allia Bay P | MN15 | 21 | 0.07 | 0.77 | 0.19 | 0.03 | 0.03 | 0.05 | 0.09 | 0.28 | 0.37 | 0.10 | 0.31 | 0.15 | 0.35 | 0.17 | 0.11 | 0.07 | 0.58 | 0.03 | 0.04 |
| Gona Western Marg | MN15 | 5 | 0.31 | 0.44 | 0.39 | 0.24 | 0.26 | 0.29 | 0.32 | 0.44 | 0.32 | 0.32 | 0.44 | 0.36 | 0.45 | 0.24 | 0.21 | 0.19 | 0.40 | 0.13 | 0.23 |
| Dinar Akcakoy | MN15 | 8 | 0.23 | 0.42 | 0.81 | 0.15 | 0.56 | 0.20 | 0.23 | 0.38 | 0.25 | 0.27 | 0.42 | 0.29 | 0.43 | 0.53 | 0.13 | 0.11 | 0.81 | 0.06 | 0.16 |
| Gaozhuang | MN15 | 12 | 0.16 | 0.38 | 0.26 | 0.09 | 0.12 | 0.11 | 0.16 | 0.34 | 0.18 | 0.17 | 0.37 | 0.23 | 0.40 | 0.09 | 0.06 | 0.23 | 0.28 | 0.02 | 0.10 |
| Lingtai-xiaoshigou-3 | MN15 | 13 | 0.17 | 0.39 | 0.75 | 0.13 | 0.48 | 0.15 | 0.60 | 0.37 | 0.19 | 0.21 | 0.38 | 0.25 | 0.41 | 0.44 | 0.09 | 0.30 | 0.76 | 0.17 | 0.74 |
| Yushe-Gaozhuang | MN15 | 13 | 0.13 | 0.35 | 0.26 | 0.09 | 0.09 | 0.12 | 0.15 | 0.33 | 0.16 | 0.15 | 0.36 | 0.21 | 0.37 | 0.08 | 0.05 | 0.19 | 0.26 | 0.02 | 0.08 |
| Yushe-YS156 | MN15 | 6 | 0.27 | 0.44 | 0.37 | 0.21 | 0.22 | 0.25 | 0.29 | 0.40 | 0.29 | 0.29 | 0.43 | 0.34 | 0.44 | 0.22 | 0.18 | 0.17 | 0.37 | 0.11 | 0.21 |
| Zhabyrtau | MN15 | 5 | 0.34 | 0.45 | 0.88 | 0.27 | 0.76 | 0.31 | 0.34 | 0.45 | 0.36 | 0.35 | 0.45 | 0.39 | 0.46 | 0.76 | 0.25 | 0.23 | 0.89 | 0.17 | 0.28 |
| Aramis (Lower) | MN15 | 32 | 0.03 | 0.67 | 0.40 | 0.04 | 0.06 | 0.01 | 0.17 | 0.20 | 0.18 | 0.04 | 0.24 | 0.07 | 0.26 | 0.40 | 0.10 | 0.02 | 0.72 | 0.00 | 0.00 |
| Chono Hariah 1 lowe | MN15 | 5 | 0.33 | 0.45 | 0.41 | 0.28 | 0.29 | 0.32 | 0.34 | 0.45 | 0.36 | 0.35 | 0.45 | 0.38 | 0.46 | 0.29 | 0.24 | 0.24 | 0.41 | 0.16 | 0.27 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Khirgis-Nur II | MN15 | 17 | 0.14 | 0.37 | 0.28 | 0.09 | 0.11 | 0.13 | 0.16 | 0.33 | 0.17 | 0.19 | 0.37 | 0.23 | 0.40 | 0.10 | 0.06 | 0.22 | 0.26 | 0.13 | 0.35 |
| As Duma | MN15 | 17 | 0.11 | 0.82 | 0.24 | 0.07 | 0.07 | 0.08 | 0.12 | 0.31 | 0.47 | 0.14 | 0.34 | 0.21 | 0.37 | 0.27 | 0.19 | 0.15 | 0.66 | 0.07 | 0.05 |
| Galili 1 | MN15 | 12 | 0.15 | 0.38 | 0.73 | 0.09 | 0.40 | 0.13 | 0.17 | 0.34 | 0.17 | 0.19 | 0.37 | 0.22 | 0.38 | 0.38 | 0.07 | 0.05 | 0.73 | 0.02 | 0.08 |
| Galili 2 | MN15 | 19 | 0.08 | 0.78 | 0.61 | 0.05 | 0.24 | 0.06 | 0.10 | 0.30 | 0.39 | 0.10 | 0.32 | 0.17 | 0.35 | 0.47 | 0.13 | 0.08 | 0.87 | 0.03 | 0.04 |
| Galili 4 | MN15 | 26 | 0.04 | 0.73 | 0.51 | 0.03 | 0.12 | 0.04 | 0.07 | 0.24 | 0.28 | 0.07 | 0.28 | 0.12 | 0.31 | 0.32 | 0.05 | 0.04 | 0.82 | 0.01 | 0.02 |
| Manonga 3 | MN15 | 12 | 0.15 | 0.37 | 0.27 | 0.09 | 0.11 | 0.12 | 0.18 | 0.36 | 0.18 | 0.17 | 0.37 | 0.23 | 0.39 | 0.10 | 0.05 | 0.05 | 0.27 | 0.02 | 0.09 |
| Alcoy | MN14 | 12 | 0.15 | 0.37 | 0.70 | 0.10 | 0.38 | 0.13 | 0.53 | 0.34 | 0.17 | 0.18 | 0.38 | 0.23 | 0.39 | 0.38 | 0.06 | 0.21 | 0.73 | 0.02 | 0.08 |
| Alcoy-Mina | MN14 | 8 | 0.22 | 0.40 | 0.33 | 0.17 | 0.18 | 0.20 | 0.23 | 0.40 | 0.25 | 0.24 | 0.41 | 0.29 | 0.43 | 0.16 | 0.12 | 0.11 | 0.33 | 0.06 | 0.15 |
| Apak (Lothagam) | MN14 | 34 | 0.02 | 0.66 | 0.40 | 0.00 | 0.18 | 0.08 | 0.17 | 0.20 | 0.44 | 0.04 | 0.24 | 0.06 | 0.28 | 0.15 | 0.08 | 0.06 | 0.72 | 0.01 | 0.01 |
| Beresti | MN14 | 7 | 0.25 | 0.42 | 0.35 | 0.19 | 0.19 | 0.21 | 0.25 | 0.41 | 0.27 | 0.28 | 0.42 | 0.32 | 0.44 | 0.19 | 0.14 | 0.13 | 0.35 | 0.08 | 0.19 |
| Celleneuve | MN14 | 5 | 0.30 | 0.43 | 0.39 | 0.24 | 0.26 | 0.28 | 0.79 | 0.42 | 0.33 | 0.32 | 0.44 | 0.37 | 0.46 | 0.27 | 0.22 | 0.57 | 0.39 | 0.13 | 0.22 |
| Dorkovo | MN14 | 8 | 0.23 | 0.43 | 0.32 | 0.16 | 0.18 | 0.19 | 0.24 | 0.39 | 0.25 | 0.25 | 0.41 | 0.29 | 0.43 | 0.16 | 0.14 | 0.11 | 0.33 | 0.06 | 0.16 |
| Gudullu | MN14 | 5 | 0.29 | 0.44 | 0.39 | 0.25 | 0.27 | 0.27 | 0.31 | 0.43 | 0.32 | 0.31 | 0.44 | 0.37 | 0.45 | 0.25 | 0.21 | 0.20 | 0.40 | 0.14 | 0.24 |
| Guanghe-shilidun-LX | MN14 | 12 | 0.15 | 0.38 | 0.28 | 0.09 | 0.10 | 0.12 | 0.17 | 0.34 | 0.16 | 0.55 | 0.38 | 0.24 | 0.88 | 0.10 | 0.08 | 0.04 | 0.28 | 0.12 | 0.34 |
| Kolle | MN14 | 17 | 0.10 | 0.35 | 0.65 | 0.22 | 0.26 | 0.06 | 0.12 | 0.32 | 0.13 | 0.12 | 0.34 | 0.18 | 0.36 | 0.54 | 0.19 | 0.03 | 0.64 | 0.00 | 0.04 |
| Kossom Bougoudi | MN14 | 25 | 0.09 | 0.31 | 0.57 | 0.17 | 0.21 | 0.06 | 0.09 | 0.28 | 0.09 | 0.10 | 0.32 | 0.14 | 0.34 | 0.44 | 0.11 | 0.01 | 0.56 | 0.00 | 0.03 |
| Kosyakino | MN14 | 17 | 0.09 | 0.80 | 0.63 | 0.05 | 0.52 | 0.28 | 0.39 | 0.30 | 0.43 | 0.12 | 0.33 | 0.17 | 0.35 | 0.52 | 0.36 | 0.09 | 0.89 | 0.04 | 0.04 |
| La Gloria | MN14 | 7 | 0.26 | 0.43 | 0.84 | 0.18 | 0.60 | 0.23 | 0.27 | 0.39 | 0.28 | 0.27 | 0.42 | 0.32 | 0.44 | 0.59 | 0.15 | 0.11 | 0.82 | 0.34 | 0.16 |
| La Gloria 4 | MN14 | 15 | 0.15 | 0.37 | 0.72 | 0.09 | 0.37 | 0.13 | 0.52 | 0.34 | 0.17 | 0.19 | 0.37 | 0.23 | 0.40 | 0.38 | 0.07 | 0.23 | 0.73 | 0.13 | 0.09 |
| Montpellier | MN14 | 25 | 0.05 | 0.27 | 0.16 | 0.02 | 0.02 | 0.04 | 0.26 | 0.24 | 0.08 | 0.08 | 0.29 | 0.11 | 0.32 | 0.02 | 0.01 | 0.15 | 0.16 | 0.00 | 0.02 |
| Shoshamagai 2 | MN14 | 6 | 0.27 | 0.43 | 0.36 | 0.21 | 0.22 | 0.25 | 0.28 | 0.41 | 0.29 | 0.30 | 0.43 | 0.33 | 0.45 | 0.23 | 0.18 | 0.16 | 0.35 | 0.11 | 0.21 |
| Sinda All | MN14 | 9 | 0.18 | 0.40 | 0.79 | 0.15 | 0.82 | 0.55 | 0.91 | 0.88 | 0.24 | 0.23 | 0.40 | 0.27 | 0.41 | 0.50 | 0.41 | 0.09 | 0.31 | 0.24 | 0.13 |
| Trevoux | MN14 | 8 | 0.24 | 0.41 | 0.34 | 0.16 | 0.18 | 0.19 | 0.24 | 0.38 | 0.26 | 0.25 | 0.41 | 0.30 | 0.42 | 0.17 | 0.13 | 0.11 | 0.33 | 0.05 | 0.15 |
| Vendargues | MN14 | 5 | 0.30 | 0.44 | 0.39 | 0.26 | 0.27 | 0.29 | 0.78 | 0.43 | 0.32 | 0.31 | 0.45 | 0.35 | 0.45 | 0.26 | 0.21 | 0.60 | 0.40 | 0.14 | 0.24 |
| Villeneuve de la Rah | MN14 | 8 | 0.22 | 0.40 | 0.34 | 0.16 | 0.18 | 0.18 | 0.67 | 0.38 | 0.25 | 0.25 | 0.41 | 0.30 | 0.43 | 0.18 | 0.13 | 0.39 | 0.33 | 0.06 | 0.15 |
| Olkhon (Sarayskaya: | MN14 | 6 | 0.26 | 0.44 | 0.37 | 0.22 | 0.22 | 0.23 | 0.28 | 0.42 | 0.30 | 0.31 | 0.43 | 0.34 | 0.44 | 0.22 | 0.18 | 0.16 | 0.36 | 0.11 | 0.21 |
| Horizon Indet (Lotha | MN14 | 24 | 0.06 | 0.30 | 0.18 | 0.02 | 0.17 | 0.21 | 0.31 | 0.28 | 0.34 | 0.10 | 0.30 | 0.13 | 0.34 | 0.03 | 0.09 | 0.07 | 0.19 | 0.02 | 0.03 |
| Khirgis-Nur II-upper | MN14 | 18 | 0.15 | 0.37 | 0.75 | 0.09 | 0.39 | 0.13 | 0.15 | 0.35 | 0.17 | 0.17 | 0.38 | 0.22 | 0.39 | 0.36 | 0.06 | 0.05 | 0.73 | 0.02 | 0.08 |
| Agera Gawtu | MN14 | 13 | 0.21 | 0.40 | 0.31 | 0.14 | 0.16 | 0.18 | 0.21 | 0.39 | 0.22 | 0.23 | 0.40 | 0.28 | 0.42 | 0.15 | 0.10 | 0.09 | 0.30 | 0.04 | 0.13 |
| Langebaanweg (LQS | MN14 | 32 | 0.03 | 0.25 | 0.43 | 0.01 | 0.07 | 0.01 | 0.18 | 0.20 | 0.04 | 0.04 | 0.23 | 0.07 | 0.28 | 0.06 | 0.00 | 0.02 | 0.42 | 0.00 | 0.01 |
| Amba East | MN14 | 30 | 0.04 | 0.73 | 0.46 | 0.02 | 0.11 | 0.02 | 0.05 | 0.24 | 0.23 | 0.06 | 0.26 | 0.10 | 0.31 | 0.26 | 0.04 | 0.02 | 0.75 | 0.00 | 0.01 |
| Amba West | MN14 | 23 | 0.06 | 0.76 | 0.56 | 0.03 | 0.16 | 0.04 | 0.08 | 0.27 | 0.33 | 0.09 | 0.30 | 0.12 | 0.32 | 0.37 | 0.07 | 0.16 | 0.83 | 0.02 | 0.02 |
| Kuseralee | MN14 | 28 | 0.04 | 0.73 | 0.51 | 0.02 | 0.12 | 0.03 | 0.05 | 0.24 | 0.27 | 0.05 | 0.27 | 0.11 | 0.30 | 0.29 | 0.05 | 0.03 | 0.80 | 0.01 | 0.02 |
| Inolelo 1 | MN13 | 6 | 0.27 | 0.43 | 0.37 | 0.22 | 0.23 | 0.25 | 0.29 | 0.42 | 0.31 | 0.30 | 0.43 | 0.34 | 0.44 | 0.23 | 0.20 | 0.15 | 0.36 | 0.12 | 0.21 |
| Shoshamagai | MN13 | 7 | 0.24 | 0.42 | 0.36 | 0.20 | 0.20 | 0.23 | 0.27 | 0.40 | 0.27 | 0.26 | 0.42 | 0.31 | 0.43 | 0.18 | 0.14 | 0.13 | 0.36 | 0.06 | 0.19 |
| Saitune Dora | MN13 | 25 | 0.05 | 0.74 | 0.15 | 0.12 | 0.02 | 0.04 | 0.27 | 0.24 | 0.27 | 0.28 | 0.27 | 0.12 | 0.77 | 0.32 | 0.22 | 0.14 | 0.51 | 0.01 | 0.11 |
| Casino | MN13 | 8 | 0.23 | 0.40 | 0.34 | 0.16 | 0.17 | 0.19 | 0.67 | 0.39 | 0.24 | 0.26 | 0.40 | 0.30 | 0.43 | 0.16 | 0.12 | 0.38 | 0.33 | 0.29 | 0.48 |
| Gargano | MN13 | 5 | 0.36 | 0.46 | 0.43 | 0.33 | 0.35 | 0.34 | 0.87 | 0.45 | 0.38 | 0.37 | 0.46 | 0.41 | 0.46 | 0.34 | 0.30 | 0.76 | 0.43 | 0.68 | 0.34 |
| Maramena | MN13 | 21 | 0.07 | 0.33 | 0.57 | 0.03 | 0.46 | 0.05 | 0.33 | 0.27 | 0.09 | 0.10 | 0.30 | 0.14 | 0.34 | 0.46 | 0.02 | 0.25 | 0.58 | 0.03 | 0.16 |
| Silata | MN13 | 6 | 0.28 | 0.44 | 0.36 | 0.21 | 0.23 | 0.25 | 0.75 | 0.42 | 0.29 | 0.29 | 0.42 | 0.34 | 0.44 | 0.22 | 0.18 | 0.50 | 0.37 | 0.11 | 0.20 |
| Adu Dora | MN13 | 7 | 0.25 | 0.43 | 0.35 | 0.18 | 0.20 | 0.22 | 0.26 | 0.40 | 0.28 | 0.27 | 0.41 | 0.31 | 0.44 | 0.20 | 0.15 | 0.45 | 0.33 | 0.09 | 0.18 |
| Alayla | MN13 | 25 | 0.04 | 0.73 | 0.15 | 0.02 | 0.01 | 0.03 | 0.24 | 0.24 | 0.28 | 0.25 | 0.27 | 0.11 | 0.78 | 0.10 | 0.05 | 0.11 | 0.51 | 0.01 | 0.11 |
| Asa Koma | MN13 | 41 | 0.01 | 0.59 | 0.09 | 0.04 | 0.00 | 0.01 | 0.12 | 0.18 | 0.14 | 0.14 | 0.21 | 0.06 | 0.70 | 0.13 | 0.05 | 0.09 | 0.34 | 0.00 | 0.02 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bikir Mali Koma | MN13 | 6 | 0.27 | 0.44 | 0.37 | 0.21 | 0.23 | 0.26 | 0.31 | 0.41 | 0.30 | 0.30 | 0.43 | 0.32 | 0.44 | 0.22 | 0.18 | 0.16 | 0.37 | 0.10 | 0.20 |
| Digiba Dora | MN13 | 17 | 0.09 | 0.32 | 0.21 | 0.04 | 0.05 | 0.08 | 0.10 | 0.30 | 0.11 | 0.41 | 0.33 | 0.15 | 0.83 | 0.04 | 0.02 | 0.10 | 0.20 | 0.00 | 0.21 |
| Upper Nawata (Loth | MN13 | 43 | 0.02 | 0.59 | 0.30 | 0.03 | 0.26 | 0.05 | 0.09 | 0.17 | 0.33 | 0.13 | 0.20 | 0.05 | 0.66 | 0.25 | 0.12 | 0.08 | 0.61 | 0.01 | 0.07 |
| Jara-Borkana | MN13 | 6 | 0.30 | 0.93 | 0.39 | 0.24 | 0.26 | 0.28 | 0.32 | 0.43 | 0.79 | 0.32 | 0.44 | 0.36 | 0.46 | 0.69 | 0.62 | 0.59 | 0.88 | 0.47 | 0.23 |
| Lemudong'o | MN13 | 23 | 0.05 | 0.29 | 0.17 | 0.02 | 0.16 | 0.05 | 0.30 | 0.25 | 0.08 | 0.08 | 0.30 | 0.12 | 0.32 | 0.03 | 0.01 | 0.06 | 0.18 | 0.01 | 0.13 |
| Albertine 1 | MN13 | 26 | 0.06 | 0.28 | 0.16 | 0.02 | 0.03 | 0.04 | 0.07 | 0.26 | 0.08 | 0.08 | 0.30 | 0.14 | 0.33 | 0.03 | 0.01 | 0.01 | 0.56 | 0.00 | 0.13 |
| Albertine 14 | MN13 | 10 | 0.18 | 0.39 | 0.76 | 0.75 | 0.99 | 0.94 | 1.00 | 0.37 | 1.00 | 0.61 | 0.87 | 1.00 | 0.41 | 0.45 | 0.97 | 1.00 | 0.75 | 0.44 | 0.41 |
| Amasya 2 | MN13 | 6 | 0.27 | 0.43 | 0.36 | 0.22 | 0.24 | 0.25 | 0.30 | 0.41 | 0.31 | 0.31 | 0.44 | 0.34 | 0.45 | 0.22 | 0.18 | 0.53 | 0.37 | 0.41 | 0.61 |
| Ananjev | MN13 | 5 | 0.29 | 0.93 | 0.38 | 0.23 | 0.27 | 0.28 | 0.32 | 0.42 | 0.80 | 0.34 | 0.45 | 0.36 | 0.46 | 0.68 | 0.64 | 0.59 | 0.87 | 0.48 | 0.24 |
| Ano Metochi 2:3 | MN13 | 5 | 0.31 | 0.43 | 0.88 | 0.23 | 0.69 | 0.27 | 0.78 | 0.43 | 0.33 | 0.31 | 0.44 | 0.36 | 0.45 | 0.71 | 0.22 | 0.60 | 0.88 | 0.14 | 0.24 |
| Arenas del Rey | MN13 | 5 | 0.30 | 0.44 | 0.38 | 0.25 | 0.25 | 0.27 | 0.32 | 0.43 | 0.31 | 0.32 | 0.45 | 0.36 | 0.45 | 0.26 | 0.20 | 0.18 | 0.38 | 0.48 | 0.25 |
| Arquillo 1 | MN13 | 23 | 0.07 | 0.30 | 0.59 | 0.03 | 0.72 | 0.24 | 0.33 | 0.28 | 0.12 | 0.10 | 0.31 | 0.13 | 0.35 | 0.17 | 0.02 | 0.08 | 0.59 | 0.00 | 0.41 |
| Baccinello V3 | MN13 | 17 | 0.11 | 0.34 | 0.24 | 0.06 | 0.29 | 0.08 | 0.13 | 0.31 | 0.15 | 0.14 | 0.34 | 0.18 | 0.36 | 0.06 | 0.03 | 0.14 | 0.24 | 0.01 | 0.26 |
| Brisighella | MN13 | 14 | 0.13 | 0.36 | 0.25 | 0.29 | 0.08 | 0.10 | 0.79 | 0.32 | 0.15 | 0.16 | 0.35 | 0.19 | 0.38 | 0.31 | 0.24 | 0.17 | 0.26 | 0.09 | 0.07 |
| Chaingzauk | MN13 | 15 | 0.13 | 0.35 | 0.70 | 0.32 | 0.38 | 0.40 | 0.52 | 0.34 | 0.52 | 0.52 | 0.84 | 0.61 | 0.39 | 0.34 | 0.25 | 0.17 | 0.93 | 0.02 | 0.08 |
| Dytiko 1 (DTK) | MN13 | 18 | 0.10 | 0.34 | 0.64 | 0.23 | 0.57 | 0.08 | 0.11 | 0.32 | 0.12 | 0.12 | 0.33 | 0.16 | 0.36 | 0.78 | 0.16 | 0.03 | 0.63 | 0.01 | 0.05 |
| Dytiko 2 (DIT) | MN13 | 13 | 0.17 | 0.38 | 0.95 | 0.38 | 0.91 | 0.47 | 0.57 | 0.35 | 0.60 | 0.88 | 0.86 | 0.66 | 0.89 | 0.91 | 0.30 | 0.25 | 0.95 | 0.03 | 0.36 |
| Dytiko 3 (DKO) | MN13 | 12 | 0.18 | 0.38 | 0.95 | 0.41 | 0.93 | 0.47 | 0.56 | 0.35 | 0.56 | 0.87 | 0.87 | 0.67 | 0.39 | 0.92 | 0.32 | 0.82 | 0.95 | 0.38 | 0.10 |
| El Arquillo 1 | MN13 | 29 | 0.06 | 0.29 | 0.53 | 0.03 | 0.66 | 0.22 | 0.29 | 0.27 | 0.08 | 0.08 | 0.29 | 0.11 | 0.32 | 0.14 | 0.01 | 0.05 | 0.55 | 0.00 | 0.34 |
| Fugu-Laogaochuan-r | MN13 | 11 | 0.19 | 0.41 | 0.31 | 0.15 | 0.16 | 0.17 | 0.21 | 0.39 | 0.24 | 0.22 | 0.39 | 0.28 | 0.42 | 0.15 | 0.10 | 0.09 | 0.33 | 0.05 | 0.47 |
| Gravitelli | MN13 | 11 | 0.17 | 0.39 | 0.73 | 0.10 | 0.93 | 0.47 | 0.19 | 0.36 | 0.19 | 0.19 | 0.37 | 0.23 | 0.39 | 0.40 | 0.08 | 0.06 | 0.75 | 0.03 | 0.68 |
| Gusinyy perelyot | MN13 | 27 | 0.04 | 0.26 | 0.14 | 0.02 | 0.02 | 0.03 | 0.05 | 0.23 | 0.05 | 0.57 | 0.27 | 0.10 | 0.77 | 0.01 | 0.01 | 0.11 | 0.14 | 0.00 | 0.25 |
| Ho-qu-114 | MN13 | 11 | 0.22 | 0.41 | 0.81 | 0.16 | 0.56 | 0.20 | 0.25 | 0.40 | 0.24 | 0.69 | 0.41 | 0.30 | 0.92 | 0.54 | 0.14 | 0.10 | 0.80 | 0.06 | 0.50 |
| Hsin-An-Loc.12 | MN13 | 12 | 0.14 | 0.37 | 0.71 | 0.09 | 0.71 | 0.12 | 0.17 | 0.36 | 0.19 | 0.19 | 0.37 | 0.24 | 0.40 | 0.37 | 0.06 | 0.05 | 0.72 | 0.03 | 0.65 |
| Kalmakpaj | MN13 | 17 | 0.10 | 0.34 | 0.64 | 0.05 | 0.26 | 0.08 | 0.11 | 0.31 | 0.13 | 0.76 | 0.34 | 0.16 | 0.84 | 0.25 | 0.03 | 0.13 | 0.63 | 0.01 | 0.22 |
| Karabastuz | MN13 | 11 | 0.18 | 0.39 | 0.31 | 0.12 | 0.14 | 0.15 | 0.21 | 0.36 | 0.21 | 0.63 | 0.39 | 0.26 | 0.91 | 0.12 | 0.10 | 0.30 | 0.31 | 0.04 | 0.41 |
| La Alberca | MN13 | 7 | 0.25 | 0.41 | 0.36 | 0.18 | 0.19 | 0.23 | 0.70 | 0.41 | 0.29 | 0.28 | 0.42 | 0.32 | 0.43 | 0.19 | 0.15 | 0.77 | 0.34 | 0.65 | 0.56 |
| Lantian-42 | MN13 | 12 | 0.16 | 0.36 | 0.75 | 0.10 | 0.40 | 0.14 | 0.19 | 0.36 | 0.18 | 0.60 | 0.38 | 0.23 | 0.89 | 0.41 | 0.08 | 0.06 | 0.74 | 0.03 | 0.70 |
| Las Casiones | MN13 | 23 | 0.05 | 0.30 | 0.17 | 0.03 | 0.16 | 0.21 | 0.30 | 0.26 | 0.08 | 0.32 | 0.29 | 0.13 | 0.33 | 0.03 | 0.01 | 0.19 | 0.18 | 0.02 | 0.13 |
| Lemudong'o-1 | MN13 | 16 | 0.11 | 0.33 | 0.24 | 0.06 | 0.07 | 0.09 | 0.45 | 0.32 | 0.15 | 0.14 | 0.34 | 0.19 | 0.36 | 0.07 | 0.04 | 0.14 | 0.23 | 0.01 | 0.06 |
| Lemudong'o-2 | MN13 | 8 | 0.22 | 0.41 | 0.34 | 0.16 | 0.18 | 0.20 | 0.23 | 0.39 | 0.25 | 0.24 | 0.40 | 0.29 | 0.43 | 0.17 | 0.13 | 0.40 | 0.34 | 0.06 | 0.15 |
| Librilla | MN13 | 5 | 0.31 | 0.44 | 0.39 | 0.23 | 0.27 | 0.28 | 0.79 | 0.43 | 0.32 | 0.33 | 0.44 | 0.36 | 0.45 | 0.25 | 0.22 | 0.58 | 0.38 | 0.12 | 0.24 |
| Lukeino | MN13 | 19 | 0.09 | 0.79 | 0.18 | 0.04 | 0.05 | 0.07 | 0.10 | 0.28 | 0.38 | 0.11 | 0.31 | 0.16 | 0.34 | 0.49 | 0.14 | 0.26 | 0.88 | 0.04 | 0.03 |
| Lukeino 4 | MN13 | 5 | 0.29 | 0.44 | 0.39 | 0.25 | 0.27 | 0.27 | 0.31 | 0.42 | 0.34 | 0.33 | 0.44 | 0.35 | 0.45 | 0.24 | 0.22 | 0.18 | 0.38 | 0.13 | 0.24 |
| Manonga 1 | MN13 | 12 | 0.16 | 0.37 | 0.27 | 0.10 | 0.10 | 0.13 | 0.17 | 0.35 | 0.18 | 0.18 | 0.37 | 0.22 | 0.40 | 0.10 | 0.06 | 0.05 | 0.27 | 0.02 | 0.09 |
| Menacer | MN13 | 10 | 0.20 | 0.40 | 0.32 | 0.14 | 0.51 | 0.56 | 0.22 | 0.38 | 0.23 | 0.65 | 0.39 | 0.28 | 0.91 | 0.14 | 0.10 | 0.08 | 0.32 | 0.05 | 0.77 |
| Milagros | MN13 | 11 | 0.20 | 0.39 | 0.31 | 0.13 | 0.15 | 0.17 | 0.23 | 0.38 | 0.24 | 0.22 | 0.41 | 0.29 | 0.43 | 0.14 | 0.10 | 0.08 | 0.31 | 0.04 | 0.13 |
| Mytilinii 1A | MN13 | 27 | 0.06 | 0.28 | 0.52 | 0.11 | 0.62 | 0.19 | 0.07 | 0.26 | 0.09 | 0.32 | 0.28 | 0.11 | 0.78 | 0.35 | 0.07 | 0.01 | 0.54 | 0.00 | 0.58 |
| Mytilinii 1B | MN13 | 23 | 0.09 | 0.34 | 0.65 | 0.25 | 0.53 | 0.08 | 0.11 | 0.31 | 0.12 | 0.43 | 0.34 | 0.17 | 0.84 | 0.80 | 0.18 | 0.02 | 0.65 | 0.04 | 0.22 |
| Mytilinii 1C | MN13 | 7 | 0.26 | 0.42 | 0.84 | 0.18 | 0.59 | 0.21 | 0.26 | 0.40 | 0.27 | 0.28 | 0.41 | 0.32 | 0.44 | 0.57 | 0.13 | 0.44 | 0.83 | 0.08 | 0.19 |
| Nurpur | MN13 | 21 | 0.31 | 0.77 | 0.56 | 0.18 | 0.72 | 0.54 | 0.67 | 0.28 | 0.67 | 0.35 | 0.77 | 0.48 | 0.35 | 0.96 | 0.77 | 0.84 | 1.00 | 0.46 | 0.37 |
| Pao-Te-Lok.108 | MN13 | 18 | 0.13 | 0.36 | 0.68 | 0.07 | 0.67 | 0.11 | 0.16 | 0.33 | 0.16 | 0.84 | 0.37 | 0.21 | 0.86 | 0.34 | 0.05 | 0.20 | 0.71 | 0.02 | 0.60 |
| Pao-Te-Lok.109 | MN13 | 16 | 0.18 | 0.39 | 0.75 | 0.12 | 0.46 | 0.15 | 0.20 | 0.38 | 0.20 | 0.62 | 0.39 | 0.26 | 0.90 | 0.43 | 0.09 | 0.29 | 0.74 | 0.03 | 0.39 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Pao-Te-Lok.110 | MN13 | 10 | 0.18 | 0.39 | 0.77 | 0.12 | 0.47 | 0.15 | 0.21 | 0.36 | 0.21 | 0.61 | 0.39 | 0.28 | 0.90 | 0.45 | 0.09 | 0.07 | 0.78 | 0.03 | 0.41 |
| Pao-Te-Lok.30 | MN13 | 30 | 0.06 | 0.28 | 0.55 | 0.02 | 0.36 | 0.04 | 0.07 | 0.25 | 0.08 | 0.62 | 0.30 | 0.11 | 0.79 | 0.11 | 0.01 | 0.04 | 0.53 | 0.00 | 0.32 |
| Pao-Te-Lok.31 | MN13 | 20 | 0.09 | 0.33 | 0.64 | 0.05 | 0.25 | 0.08 | 0.12 | 0.29 | 0.12 | 0.41 | 0.32 | 0.16 | 0.85 | 0.24 | 0.03 | 0.02 | 0.62 | 0.01 | 0.19 |
| Pao-Te-Lok.43 | MN13 | 23 | 0.09 | 0.33 | 0.61 | 0.05 | 0.24 | 0.06 | 0.11 | 0.30 | 0.12 | 0.44 | 0.33 | 0.17 | 0.85 | 0.20 | 0.03 | 0.02 | 0.60 | 0.00 | 0.19 |
| Pao-Te-Lok.44 | MN13 | 21 | 0.12 | 0.36 | 0.67 | 0.07 | 0.31 | 0.10 | 0.15 | 0.33 | 0.15 | 0.50 | 0.36 | 0.19 | 0.85 | 0.29 | 0.04 | 0.03 | 0.68 | 0.01 | 0.59 |
| Pao-Te-Lok.49 | MN13 | 35 | 0.13 | 0.23 | 0.43 | 0.01 | 0.22 | 0.02 | 0.17 | 0.20 | 0.05 | 0.46 | 0.25 | 0.08 | 0.72 | 0.06 | 0.01 | 0.16 | 0.43 | 0.02 | 0.78 |
| Pao-Te-Lok.52 | MN13 | 10 | 0.19 | 0.40 | 0.76 | 0.15 | 0.50 | 0.18 | 0.22 | 0.38 | 0.24 | 0.23 | 0.41 | 0.28 | 0.42 | 0.48 | 0.10 | 0.09 | 0.78 | 0.04 | 0.13 |
| Pavlodar | MN13 | 26 | 0.03 | 0.26 | 0.46 | 0.02 | 0.10 | 0.02 | 0.05 | 0.25 | 0.05 | 0.53 | 0.28 | 0.08 | 0.76 | 0.08 | 0.00 | 0.02 | 0.48 | 0.00 | 0.07 |
| Qingyang-Lok.115 | MN13 | 15 | 0.18 | 0.38 | 0.77 | 0.12 | 0.77 | 0.15 | 0.21 | 0.37 | 0.21 | 0.61 | 0.40 | 0.26 | 0.90 | 0.45 | 0.09 | 0.06 | 0.77 | 0.04 | 0.73 |
| Qingyang-Lok.116 | MN13 | 16 | 0.15 | 0.37 | 0.73 | 0.09 | 0.70 | 0.12 | 0.16 | 0.36 | 0.18 | 0.53 | 0.37 | 0.24 | 0.88 | 0.35 | 0.07 | 0.05 | 0.72 | 0.02 | 0.64 |
| Sahabi | MN13 | 26 | 0.04 | 0.25 | 0.48 | 0.01 | 0.11 | 0.02 | 0.06 | 0.23 | 0.05 | 0.06 | 0.26 | 0.09 | 0.29 | 0.09 | 0.01 | 0.09 | 0.46 | 0.01 | 0.06 |
| Samos-Q5 | MN13 | 16 | 0.12 | 0.34 | 0.70 | 0.07 | 0.62 | 0.10 | 0.14 | 0.34 | 0.14 | 0.15 | 0.36 | 0.19 | 0.38 | 0.30 | 0.05 | 0.03 | 0.68 | 0.01 | 0.28 |
| Songshan-Loc.2 | MN13 | 17 | 0.12 | 0.35 | 0.66 | 0.05 | 0.29 | 0.09 | 0.12 | 0.33 | 0.14 | 0.46 | 0.35 | 0.20 | 0.87 | 0.27 | 0.04 | 0.02 | 0.92 | 0.01 | 0.80 |
| Songshan-Loc.3 | MN13 | 16 | 0.13 | 0.36 | 0.69 | 0.07 | 0.66 | 0.11 | 0.15 | 0.34 | 0.17 | 0.54 | 0.37 | 0.21 | 0.87 | 0.36 | 0.06 | 0.03 | 0.72 | 0.02 | 0.83 |
| Tha Chang 2 | MN13 | 10 | 0.20 | 0.40 | 0.32 | 0.14 | 0.15 | 0.17 | 0.22 | 0.38 | 0.65 | 0.23 | 0.39 | 0.28 | 0.42 | 0.13 | 0.41 | 0.08 | 0.77 | 0.04 | 0.13 |
| Toros-Menalla | MN13 | 32 | 0.12 | 0.23 | 0.34 | 0.05 | 0.05 | 0.01 | 0.38 | 0.19 | 0.03 | 0.03 | 0.22 | 0.07 | 0.28 | 0.15 | 0.02 | 0.01 | 0.35 | 0.00 | 0.03 |
| Venta del Moro | MN13 | 34 | 0.02 | 0.23 | 0.11 | 0.01 | 0.07 | 0.08 | 0.64 | 0.19 | 0.03 | 0.03 | 0.23 | 0.07 | 0.26 | 0.01 | 0.01 | 0.14 | 0.10 | 0.00 | 0.04 |
| Villastar | MN13 | 6 | 0.27 | 0.43 | 0.37 | 0.20 | 0.22 | 0.24 | 0.74 | 0.41 | 0.30 | 0.30 | 0.43 | 0.35 | 0.45 | 0.21 | 0.18 | 0.50 | 0.37 | 0.10 | 0.21 |
| Wadi Natrun | MN13 | 14 | 0.14 | 0.84 | 0.26 | 0.08 | 0.09 | 0.10 | 0.14 | 0.33 | 0.53 | 0.16 | 0.37 | 0.21 | 0.38 | 0.34 | 0.24 | 0.18 | 0.71 | 0.11 | 0.08 |
| Wu-Hsiang-loc.78 | MN13 | 8 | 0.23 | 0.42 | 0.82 | 0.19 | 0.59 | 0.21 | 0.27 | 0.41 | 0.29 | 0.71 | 0.42 | 0.31 | 0.94 | 0.58 | 0.14 | 0.12 | 0.83 | 0.08 | 0.58 |
| Wu-Hsiang-Lok.70 | MN13 | 7 | 0.25 | 0.42 | 0.84 | 0.19 | 0.59 | 0.21 | 0.27 | 0.40 | 0.28 | 0.71 | 0.42 | 0.29 | 0.93 | 0.59 | 0.14 | 0.13 | 0.83 | 0.07 | 0.57 |
| Wu-Hsiang-Lok.73 | MN13 | 9 | 0.20 | 0.39 | 0.78 | 0.14 | 0.51 | 0.17 | 0.22 | 0.38 | 0.24 | 0.23 | 0.39 | 0.28 | 0.40 | 0.48 | 0.11 | 0.08 | 0.79 | 0.04 | 0.14 |
| Yushe-hounao | MN13 | 12 | 0.15 | 0.38 | 0.27 | 0.09 | 0.10 | 0.11 | 0.17 | 0.36 | 0.18 | 0.19 | 0.36 | 0.22 | 0.40 | 0.10 | 0.07 | 0.04 | 0.27 | 0.12 | 0.09 |
| Bazaleti | MN13 | 16 | 0.11 | 0.82 | 0.66 | 0.06 | 0.29 | 0.07 | 0.12 | 0.32 | 0.47 | 0.47 | 0.34 | 0.20 | 0.85 | 0.56 | 0.18 | 0.15 | 0.90 | 0.06 | 0.23 |
| Khirgis-Nur II-lower | MN13 | 15 | 0.18 | 0.39 | 0.76 | 0.13 | 0.47 | 0.16 | 0.21 | 0.36 | 0.21 | 0.21 | 0.39 | 0.26 | 0.42 | 0.47 | 0.09 | 0.07 | 0.75 | 0.03 | 0.11 |
| Mpesida | MN13 | 10 | 0.18 | 0.40 | 0.31 | 0.15 | 0.48 | 0.54 | 0.63 | 0.37 | 0.64 | 0.22 | 0.38 | 0.26 | 0.42 | 0.15 | 0.39 | 0.35 | 0.32 | 0.22 | 0.14 |
| Olkhon (Sarayskaya: | MN13 | 6 | 0.27 | 0.43 | 0.38 | 0.21 | 0.23 | 0.25 | 0.74 | 0.42 | 0.31 | 0.76 | 0.44 | 0.81 | 0.43 | 0.22 | 0.17 | 0.49 | 0.37 | 0.10 | 0.60 |
| Kromidovo 1 | MN13 | 5 | 0.35 | 0.45 | 0.41 | 0.29 | 0.75 | 0.78 | 0.82 | 0.45 | 0.35 | 0.37 | 0.44 | 0.37 | 0.46 | 0.28 | 0.69 | 0.24 | 0.90 | 0.17 | 0.72 |
| Polgardi | MN13 | 15 | 0.12 | 0.82 | 0.23 | 0.05 | 0.29 | 0.35 | 0.45 | 0.30 | 0.47 | 0.14 | 0.35 | 0.18 | 0.37 | 0.26 | 0.44 | 0.15 | 0.66 | 0.06 | 0.05 |
| Samos | MN13 | 53 | 0.02 | 0.21 | 0.32 | 0.03 | 0.52 | 0.05 | 0.03 | 0.18 | 0.02 | 0.34 | 0.23 | 0.05 | 0.67 | 0.27 | 0.01 | 0.03 | 0.35 | 0.00 | 0.23 |
| Sandikli Kinik | MN13 | 15 | 0.10 | 0.34 | 0.65 | 0.06 | 0.83 | 0.08 | 0.12 | 0.31 | 0.14 | 0.46 | 0.34 | 0.18 | 0.85 | 0.56 | 0.04 | 0.03 | 0.67 | 0.01 | 0.52 |
| Titov Veles | MN13 | 10 | 0.18 | 0.39 | 0.30 | 0.12 | 0.46 | 0.15 | 0.19 | 0.37 | 0.22 | 0.61 | 0.38 | 0.25 | 0.89 | 0.43 | 0.09 | 0.07 | 0.31 | 0.04 | 0.41 |
| Siwaliks Y0908 | MN13 | 5 | 0.29 | 0.44 | 0.87 | 0.69 | 0.69 | 0.72 | 0.79 | 0.43 | 0.80 | 0.79 | 0.93 | 0.83 | 0.45 | 0.68 | 0.62 | 0.60 | 0.99 | 0.13 | 0.25 |
| Samos (FMAS) | MN12 | 20 | 0.08 | 0.32 | 0.61 | 0.19 | 0.48 | 0.06 | 0.11 | 0.28 | 0.11 | 0.40 | 0.32 | 0.15 | 0.84 | 0.45 | 0.13 | 0.02 | 0.60 | 0.00 | 0.43 |
| Puy Courny | MN12 | 5 | 0.30 | 0.94 | 0.88 | 0.24 | 0.94 | 0.74 | 0.79 | 0.42 | 0.80 | 0.33 | 0.44 | 0.37 | 0.46 | 0.93 | 0.90 | 0.59 | 0.99 | 0.45 | 0.25 |
| Siwaliks Y0581 | MN12 | 9 | 0.23 | 0.40 | 0.80 | 0.49 | 0.54 | 0.59 | 0.67 | 0.41 | 0.69 | 0.68 | 0.92 | 0.75 | 0.43 | 0.55 | 0.45 | 0.38 | 0.97 | 0.06 | 0.16 |
| Siwaliks Y0910 | MN12 | 6 | 0.31 | 0.45 | 0.89 | 0.68 | 0.69 | 0.73 | 0.78 | 0.43 | 0.82 | 0.78 | 0.95 | 0.84 | 0.45 | 0.68 | 0.61 | 0.58 | 0.99 | 0.14 | 0.26 |
| Lower Nawata (Loth | MN12 | 47 | 0.01 | 0.58 | 0.29 | 0.01 | 0.21 | 0.04 | 0.08 | 0.15 | 0.29 | 0.10 | 0.17 | 0.04 | 0.64 | 0.19 | 0.09 | 0.04 | 0.60 | 0.00 | 0.05 |
| Samos Main Bone B | MN12 | 56 | 0.00 | 0.51 | 0.21 | 0.01 | 0.14 | 0.00 | 0.05 | 0.13 | 0.07 | 0.08 | 0.15 | 0.13 | 0.61 | 0.28 | 0.01 | 0.03 | 0.52 | 0.00 | 0.03 |
| Azmaka 1-4 | MN12 | 24 | 0.05 | 0.73 | 0.80 | 0.12 | 0.60 | 0.19 | 0.27 | 0.26 | 0.60 | 0.28 | 0.73 | 0.40 | 0.31 | 0.81 | 0.22 | 0.32 | 0.96 | 0.05 | 0.10 |
| Samos (DMAS) | MN12 | 34 | 0.03 | 0.26 | 0.41 | 0.05 | 0.67 | 0.10 | 0.04 | 0.22 | 0.04 | 0.20 | 0.23 | 0.08 | 0.73 | 0.42 | 0.03 | 0.02 | 0.42 | 0.00 | 0.36 |
| Baogedawula | MN12 | 5 | 0.30 | 0.43 | 0.40 | 0.25 | 0.26 | 0.29 | 0.32 | 0.43 | 0.33 | 0.79 | 0.43 | 0.36 | 0.94 | 0.25 | 0.20 | 0.19 | 0.39 | 0.13 | 0.68 |
| Achladi | MN12 | 5 | 0.30 | 0.43 | 0.40 | 0.24 | 0.25 | 0.28 | 0.33 | 0.42 | 0.32 | 0.32 | 0.44 | 0.35 | 0.46 | 0.26 | 0.21 | 0.19 | 0.39 | 0.14 | 0.25 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Achmet Aga | MN12 | 5 | 0.30 | 0.43 | 0.89 | 0.70 | 0.69 | 0.27 | 0.31 | 0.43 | 0.34 | 0.32 | 0.44 | 0.36 | 0.45 | 0.93 | 0.63 | 0.18 | 0.88 | 0.13 | 0.26 |
| Chang Chia Chuang | MN12 | 7 | 0.24 | 0.42 | 0.82 | 0.19 | 0.61 | 0.22 | 0.26 | 0.39 | 0.27 | 0.27 | 0.42 | 0.32 | 0.43 | 0.60 | 0.15 | 0.12 | 0.85 | 0.08 | 0.17 |
| Dongxiang-jiegou | MN12 | 5 | 0.30 | 0.44 | 0.39 | 0.24 | 0.25 | 0.27 | 0.32 | 0.43 | 0.33 | 0.33 | 0.44 | 0.37 | 0.45 | 0.26 | 0.21 | 0.19 | 0.38 | 0.14 | 0.24 |
| Esendere | MN12 | 9 | 0.20 | 0.40 | 0.79 | 0.14 | 0.51 | 0.18 | 0.23 | 0.38 | 0.22 | 0.66 | 0.39 | 0.27 | 0.42 | 0.48 | 0.11 | 0.35 | 0.78 | 0.22 | 0.13 |
| Fu-Ku-Lok.51 | MN12 | 8 | 0.67 | 0.40 | 0.34 | 0.17 | 0.16 | 0.20 | 0.25 | 0.39 | 0.25 | 0.26 | 0.41 | 0.30 | 0.42 | 0.16 | 0.13 | 0.39 | 0.33 | 0.26 | 0.48 |
| Guanghe-zhuanghej | MN12 | 5 | 0.31 | 0.44 | 0.99 | 0.25 | 0.72 | 0.28 | 0.32 | 0.42 | 0.80 | 0.34 | 0.45 | 0.35 | 0.45 | 0.69 | 0.64 | 0.18 | 0.88 | 0.48 | 0.24 |
| Guide-heerjia | MN12 | 7 | 0.25 | 0.43 | 0.83 | 0.18 | 0.59 | 0.22 | 0.70 | 0.41 | 0.28 | 0.27 | 0.41 | 0.32 | 0.43 | 0.60 | 0.15 | 0.14 | 0.84 | 0.08 | 0.19 |
| Hezheng-heilingding | MN12 | 17 | 0.14 | 0.35 | 0.27 | 0.08 | 0.37 | 0.11 | 0.49 | 0.32 | 0.17 | 0.16 | 0.36 | 0.20 | 0.37 | 0.08 | 0.06 | 0.19 | 0.27 | 0.01 | 0.84 |
| Hezheng-hetuo-LX2( | MN12 | 7 | 0.23 | 0.42 | 0.82 | 0.18 | 0.20 | 0.23 | 0.27 | 0.39 | 0.72 | 0.26 | 0.42 | 0.31 | 0.42 | 0.19 | 0.50 | 0.12 | 0.36 | 0.31 | 0.56 |
| Huade-Heishatou | MN12 | 5 | 0.31 | 0.44 | 0.40 | 0.25 | 0.27 | 0.28 | 0.32 | 0.42 | 0.33 | 0.80 | 0.44 | 0.36 | 0.94 | 0.26 | 0.21 | 0.19 | 0.39 | 0.13 | 0.69 |
| Huade-Tuchetse | MN12 | 11 | 0.16 | 0.38 | 0.28 | 0.11 | 0.42 | 0.48 | 0.57 | 0.36 | 0.19 | 0.57 | 0.37 | 0.25 | 0.89 | 0.11 | 0.31 | 0.06 | 0.28 | 0.02 | 0.37 |
| Huoxian-anlecun | MN12 | 10 | 0.18 | 0.39 | 0.77 | 0.12 | 0.77 | 0.50 | 0.20 | 0.36 | 0.21 | 0.61 | 0.38 | 0.28 | 0.90 | 0.45 | 0.08 | 0.07 | 0.76 | 0.03 | 0.74 |
| Jungar-Yaogou | MN12 | 12 | 0.18 | 0.39 | 0.75 | 0.14 | 0.48 | 0.16 | 0.21 | 0.36 | 0.20 | 0.88 | 0.38 | 0.25 | 0.90 | 0.43 | 0.09 | 0.28 | 0.77 | 0.20 | 0.42 |
| Karatchok Dagh | MN12 | 5 | 0.30 | 0.44 | 0.41 | 0.25 | 0.93 | 0.74 | 0.79 | 0.43 | 0.33 | 0.80 | 0.44 | 0.35 | 0.95 | 0.68 | 0.61 | 0.19 | 0.39 | 0.14 | 0.67 |
| Kefraya | MN12 | 12 | 0.18 | 0.88 | 0.74 | 0.12 | 0.46 | 0.16 | 0.21 | 0.37 | 0.61 | 0.21 | 0.39 | 0.25 | 0.41 | 0.77 | 0.34 | 0.30 | 0.96 | 0.17 | 0.11 |
| Lantian-jiulaopo-s3 | MN12 | 5 | 0.30 | 0.44 | 0.88 | 0.25 | 0.69 | 0.28 | 0.31 | 0.43 | 0.32 | 0.33 | 0.44 | 0.35 | 0.45 | 0.68 | 0.20 | 0.18 | 0.87 | 0.13 | 0.25 |
| Lantian-koujiacun-d | MN12 | 7 | 0.27 | 0.43 | 0.85 | 0.22 | 0.64 | 0.24 | 0.29 | 0.41 | 0.30 | 0.77 | 0.43 | 0.34 | 0.95 | 0.64 | 0.17 | 0.15 | 0.85 | 0.10 | 0.61 |
| Lushi-Redclay | MN12 | 8 | 0.21 | 0.40 | 0.81 | 0.15 | 0.56 | 0.19 | 0.24 | 0.39 | 0.25 | 0.69 | 0.42 | 0.29 | 0.92 | 0.53 | 0.14 | 0.10 | 0.81 | 0.06 | 0.51 |
| Magian | MN12 | 5 | 0.31 | 0.44 | 0.39 | 0.24 | 0.26 | 0.28 | 0.32 | 0.43 | 0.33 | 0.32 | 0.44 | 0.36 | 0.45 | 0.26 | 0.21 | 0.18 | 0.39 | 0.13 | 0.24 |
| Morskaya 2 | MN12 | 7 | 0.25 | 0.41 | 0.36 | 0.18 | 0.59 | 0.22 | 0.71 | 0.41 | 0.28 | 0.26 | 0.42 | 0.30 | 0.42 | 0.20 | 0.14 | 0.12 | 0.35 | 0.08 | 0.58 |
| Ravin Ar. | MN12 | 8 | 0.22 | 0.40 | 0.82 | 0.17 | 0.84 | 0.21 | 0.25 | 0.40 | 0.25 | 0.25 | 0.40 | 0.31 | 0.43 | 0.84 | 0.13 | 0.09 | 0.81 | 0.06 | 0.15 |
| Rustavi | MN12 | 15 | 0.13 | 0.35 | 0.93 | 0.08 | 0.86 | 0.37 | 0.47 | 0.34 | 0.49 | 0.50 | 0.34 | 0.21 | 0.87 | 0.61 | 0.50 | 0.03 | 0.67 | 0.07 | 0.27 |
| Thermopigi | MN12 | 18 | 0.08 | 0.30 | 0.60 | 0.04 | 0.21 | 0.06 | 0.38 | 0.28 | 0.10 | 0.39 | 0.33 | 0.16 | 0.83 | 0.19 | 0.02 | 0.01 | 0.60 | 0.00 | 0.17 |
| Wudu-longjiagou | MN12 | 30 | 0.07 | 0.30 | 0.58 | 0.03 | 0.19 | 0.06 | 0.09 | 0.28 | 0.09 | 0.11 | 0.31 | 0.13 | 0.35 | 0.17 | 0.02 | 0.08 | 0.57 | 0.10 | 0.16 |
| Yushe | MN12 | 43 | 0.01 | 0.60 | 0.65 | 0.00 | 0.48 | 0.17 | 0.28 | 0.16 | 0.12 | 0.31 | 0.21 | 0.21 | 0.66 | 0.03 | 0.00 | 0.08 | 0.31 | 0.00 | 0.39 |
| Zhangqiu-Balouhe | MN12 | 8 | 0.28 | 0.43 | 0.37 | 0.22 | 0.23 | 0.26 | 0.28 | 0.42 | 0.30 | 0.31 | 0.44 | 0.33 | 0.44 | 0.21 | 0.19 | 0.15 | 0.37 | 0.11 | 0.19 |
| Pikermi | MN12 | 52 | 0.00 | 0.51 | 0.47 | 0.01 | 0.65 | 0.17 | 0.58 | 0.12 | 0.19 | 0.18 | 0.51 | 0.14 | 0.58 | 0.23 | 0.03 | 0.25 | 0.75 | 0.00 | 0.17 |
| Siwaliks L0072 | MN12 | 6 | 0.30 | 0.44 | 0.87 | 0.66 | 0.71 | 0.73 | 0.79 | 0.43 | 0.78 | 0.81 | 0.94 | 0.84 | 0.46 | 0.68 | 0.63 | 0.56 | 0.88 | 0.14 | 0.25 |
| Siwaliks Y0452 | MN12 | 8 | 0.23 | 0.41 | 0.33 | 0.15 | 0.16 | 0.20 | 0.23 | 0.40 | 0.24 | 0.25 | 0.41 | 0.29 | 0.43 | 0.17 | 0.13 | 0.10 | 0.32 | 0.06 | 0.15 |
| Samos White Sands | MN12 | 8 | 0.23 | 0.41 | 0.34 | 0.15 | 0.18 | 0.19 | 0.25 | 0.39 | 0.24 | 0.24 | 0.41 | 0.29 | 0.43 | 0.16 | 0.13 | 0.10 | 0.33 | 0.06 | 0.15 |
| Siwaliks L0082 | MN12 | 9 | 0.24 | 0.41 | 0.83 | 0.58 | 0.89 | 0.64 | 0.70 | 0.41 | 0.71 | 0.72 | 0.91 | 0.77 | 0.43 | 0.87 | 0.50 | 0.45 | 0.98 | 0.07 | 0.18 |
| Siwaliks Y0941 | MN12 | 5 | 0.33 | 0.45 | 0.90 | 0.73 | 0.76 | 0.80 | 0.82 | 0.44 | 0.85 | 0.83 | 0.95 | 0.87 | 0.46 | 0.75 | 0.68 | 0.67 | 1.00 | 0.17 | 0.28 |
| Samos (IMAS) | MN12 | 24 | 0.06 | 0.30 | 0.53 | 0.13 | 0.18 | 0.04 | 0.08 | 0.26 | 0.09 | 0.33 | 0.29 | 0.13 | 0.80 | 0.36 | 0.08 | 0.05 | 0.55 | 0.00 | 0.13 |
| Siwaliks Y0457 | MN12 | 10 | 0.20 | 0.39 | 0.79 | 0.47 | 0.51 | 0.56 | 0.65 | 0.37 | 0.62 | 0.65 | 0.90 | 0.72 | 0.42 | 0.48 | 0.42 | 0.67 | 0.97 | 0.21 | 0.46 |
| Siwaliks Y0935 | MN12 | 5 | 0.35 | 0.46 | 0.90 | 0.73 | 0.75 | 0.80 | 0.83 | 0.44 | 0.83 | 0.84 | 0.95 | 0.86 | 0.46 | 0.76 | 0.71 | 0.64 | 0.99 | 0.17 | 0.27 |
| Siwaliks Y0943 | MN12 | 6 | 0.30 | 0.44 | 0.87 | 0.66 | 0.72 | 0.73 | 0.79 | 0.43 | 0.81 | 0.78 | 0.95 | 0.85 | 0.46 | 0.70 | 0.65 | 0.59 | 0.88 | 0.14 | 0.23 |
| Kemiklitepe D | MN11 | 11 | 0.19 | 0.38 | 0.76 | 0.12 | 0.47 | 0.15 | 0.20 | 0.38 | 0.21 | 0.61 | 0.39 | 0.26 | 0.91 | 0.43 | 0.10 | 0.29 | 0.77 | 0.04 | 0.43 |
| Samos (PMAS) | MN11 | 22 | 0.07 | 0.33 | 0.62 | 0.03 | 0.24 | 0.06 | 0.09 | 0.29 | 0.11 | 0.71 | 0.31 | 0.16 | 0.83 | 0.20 | 0.02 | 0.09 | 0.60 | 0.03 | 0.18 |
| Akgedik-Bayir | MN11 | 11 | 0.20 | 0.39 | 0.75 | 0.44 | 0.44 | 0.16 | 0.20 | 0.37 | 0.20 | 0.21 | 0.39 | 0.26 | 0.41 | 0.76 | 0.35 | 0.07 | 0.77 | 0.05 | 0.12 |
| Akkasdagi | MN11 | 29 | 0.03 | 0.24 | 0.42 | 0.07 | 0.27 | 0.02 | 0.18 | 0.23 | 0.05 | 0.24 | 0.26 | 0.09 | 0.75 | 0.46 | 0.03 | 0.00 | 0.43 | 0.01 | 0.20 |
| Aljezar B | MN11 | 8 | 0.23 | 0.40 | 0.31 | 0.16 | 0.17 | 0.20 | 0.67 | 0.39 | 0.24 | 0.25 | 0.41 | 0.29 | 0.44 | 0.16 | 0.13 | 0.91 | 0.34 | 0.58 | 0.51 |
| Baccinello V2 | MN11 | 7 | 0.26 | 0.42 | 0.35 | 0.18 | 0.20 | 0.21 | 0.26 | 0.41 | 0.28 | 0.27 | 0.41 | 0.32 | 0.44 | 0.19 | 0.16 | 0.12 | 0.36 | 0.08 | 0.18 |
| Baltavar | MN11 | 17 | 0.09 | 0.81 | 0.64 | 0.05 | 0.55 | 0.33 | 0.41 | 0.30 | 0.43 | 0.12 | 0.34 | 0.16 | 0.36 | 0.55 | 0.40 | 0.13 | 0.98 | 0.05 | 0.22 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Belka | MN11 | 14 | 0.12 | 0.84 | 0.26 | 0.06 | 0.63 | 0.68 | 0.48 | 0.32 | 0.49 | 0.50 | 0.35 | 0.21 | 0.87 | 0.31 | 0.47 | 0.15 | 0.69 | 0.08 | 0.58 |
| Cerro de la Garita | MN11 | 30 | 0.02 | 0.68 | 0.42 | 0.01 | 0.65 | 0.25 | 0.16 | 0.19 | 0.19 | 0.03 | 0.23 | 0.07 | 0.27 | 0.17 | 0.08 | 0.05 | 0.71 | 0.04 | 0.36 |
| Chimishlija (Cimislia) | MN11 | 29 | 0.04 | 0.73 | 0.47 | 0.01 | 0.76 | 0.39 | 0.22 | 0.22 | 0.25 | 0.26 | 0.26 | 0.09 | 0.30 | 0.28 | 0.16 | 0.03 | 0.80 | 0.01 | 0.23 |
| Chomateres | MN11 | 12 | 0.15 | 0.37 | 0.72 | 0.09 | 0.91 | 0.45 | 0.54 | 0.34 | 0.16 | 0.56 | 0.37 | 0.24 | 0.89 | 0.67 | 0.29 | 0.06 | 0.94 | 0.02 | 0.63 |
| Cobanpinar (Sinap 4 | MN11 | 14 | 0.13 | 0.34 | 0.68 | 0.07 | 0.33 | 0.09 | 0.15 | 0.32 | 0.16 | 0.15 | 0.35 | 0.19 | 0.38 | 0.30 | 0.05 | 0.03 | 0.69 | 0.01 | 0.06 |
| Concud | MN11 | 23 | 0.06 | 0.28 | 0.52 | 0.02 | 0.84 | 0.45 | 0.57 | 0.26 | 0.07 | 0.07 | 0.29 | 0.11 | 0.34 | 0.14 | 0.06 | 0.05 | 0.52 | 0.01 | 0.30 |
| Concud 2 | MN11 | 6 | 0.27 | 0.43 | 0.36 | 0.21 | 0.65 | 0.69 | 0.76 | 0.41 | 0.31 | 0.29 | 0.43 | 0.33 | 0.44 | 0.23 | 0.18 | 0.52 | 0.37 | 0.11 | 0.63 |
| Concud Barranco | MN11 | 8 | 0.23 | 0.41 | 0.81 | 0.15 | 0.55 | 0.20 | 0.68 | 0.40 | 0.24 | 0.24 | 0.40 | 0.28 | 0.41 | 0.54 | 0.13 | 0.41 | 0.80 | 0.06 | 0.16 |
| Crevillente 15 | MN11 | 8 | 0.23 | 0.91 | 0.33 | 0.15 | 0.18 | 0.20 | 0.67 | 0.39 | 0.69 | 0.25 | 0.41 | 0.29 | 0.42 | 0.51 | 0.45 | 0.70 | 0.81 | 0.26 | 0.16 |
| Crevillente 16 | MN11 | 8 | 0.23 | 0.40 | 0.34 | 0.17 | 0.18 | 0.19 | 0.25 | 0.38 | 0.26 | 0.25 | 0.41 | 0.30 | 0.42 | 0.16 | 0.12 | 0.10 | 0.33 | 0.06 | 0.16 |
| Duzyayla | MN11 | 11 | 0.17 | 0.86 | 0.72 | 0.11 | 0.73 | 0.15 | 0.58 | 0.36 | 0.59 | 0.20 | 0.37 | 0.25 | 0.40 | 0.91 | 0.31 | 0.56 | 0.95 | 0.16 | 0.10 |
| Elekci | MN11 | 5 | 0.33 | 0.45 | 0.91 | 0.29 | 0.76 | 0.30 | 0.35 | 0.44 | 0.35 | 0.36 | 0.45 | 0.39 | 0.46 | 0.75 | 0.25 | 0.23 | 0.91 | 0.17 | 0.28 |
| Fiume Santo | MN11 | 8 | 0.21 | 0.40 | 0.33 | 0.17 | 0.17 | 0.20 | 0.24 | 0.40 | 0.25 | 0.25 | 0.41 | 0.30 | 0.41 | 0.16 | 0.12 | 0.11 | 0.33 | 0.05 | 0.15 |
| G?lpinar | MN11 | 12 | 0.15 | 0.36 | 0.71 | 0.10 | 0.71 | 0.13 | 0.17 | 0.35 | 0.19 | 0.18 | 0.37 | 0.23 | 0.38 | 0.68 | 0.06 | 0.04 | 0.71 | 0.02 | 0.09 |
| G?lpinar 3 | MN11 | 6 | 0.26 | 0.44 | 0.38 | 0.23 | 0.66 | 0.25 | 0.29 | 0.42 | 0.29 | 0.31 | 0.43 | 0.33 | 0.44 | 0.65 | 0.18 | 0.15 | 0.37 | 0.10 | 0.21 |
| Gura-Galben | MN11 | 11 | 0.16 | 0.38 | 0.74 | 0.10 | 0.74 | 0.48 | 0.57 | 0.36 | 0.20 | 0.21 | 0.37 | 0.24 | 0.40 | 0.41 | 0.29 | 0.06 | 0.74 | 0.03 | 0.10 |
| Hadjidimovo-1 | MN11 | 29 | 0.03 | 0.24 | 0.46 | 0.01 | 0.49 | 0.02 | 0.05 | 0.21 | 0.04 | 0.22 | 0.26 | 0.09 | 0.73 | 0.23 | 0.01 | 0.00 | 0.76 | 0.00 | 0.40 |
| Halmyropotamos (H | MN11 | 22 | 0.06 | 0.76 | 0.54 | 0.03 | 0.68 | 0.05 | 0.08 | 0.27 | 0.34 | 0.09 | 0.30 | 0.13 | 0.33 | 0.67 | 0.09 | 0.20 | 0.85 | 0.02 | 0.14 |
| Ivand | MN11 | 5 | 0.33 | 0.96 | 0.89 | 0.27 | 0.76 | 0.32 | 0.36 | 0.44 | 0.84 | 0.36 | 0.45 | 0.39 | 0.46 | 0.96 | 0.69 | 0.66 | 1.00 | 0.55 | 0.28 |
| Jilong | MN11 | 9 | 0.24 | 0.42 | 0.83 | 0.18 | 0.60 | 0.23 | 0.28 | 0.40 | 0.27 | 0.74 | 0.42 | 0.32 | 0.92 | 0.61 | 0.16 | 0.13 | 0.84 | 0.09 | 0.57 |
| Kalimanci 2 | MN11 | 16 | 0.08 | 0.35 | 0.23 | 0.05 | 0.05 | 0.08 | 0.11 | 0.31 | 0.13 | 0.44 | 0.34 | 0.17 | 0.85 | 0.06 | 0.03 | 0.02 | 0.23 | 0.19 | 0.23 |
| Kalimanci 4 | MN11 | 5 | 0.30 | 0.43 | 0.38 | 0.25 | 0.26 | 0.29 | 0.32 | 0.43 | 0.30 | 0.31 | 0.45 | 0.35 | 0.45 | 0.25 | 0.22 | 0.18 | 0.39 | 0.48 | 0.24 |
| Kalimantsi-Pehtsata | MN11 | 7 | 0.25 | 0.42 | 0.83 | 0.18 | 0.60 | 0.23 | 0.27 | 0.40 | 0.28 | 0.27 | 0.41 | 0.31 | 0.44 | 0.59 | 0.16 | 0.12 | 0.83 | 0.07 | 0.18 |
| Kavakdere (Turolian) | MN11 | 7 | 0.26 | 0.42 | 0.35 | 0.17 | 0.20 | 0.23 | 0.27 | 0.41 | 0.29 | 0.27 | 0.42 | 0.32 | 0.43 | 0.18 | 0.15 | 0.13 | 0.35 | 0.08 | 0.57 |
| Kemiklitepe A-B | MN11 | 16 | 0.11 | 0.34 | 0.64 | 0.24 | 0.58 | 0.08 | 0.13 | 0.32 | 0.14 | 0.48 | 0.36 | 0.17 | 0.85 | 0.79 | 0.19 | 0.14 | 0.67 | 0.01 | 0.24 |
| Kizil?ren | MN11 | 9 | 0.20 | 0.40 | 0.78 | 0.14 | 0.51 | 0.18 | 0.21 | 0.39 | 0.24 | 0.24 | 0.40 | 0.28 | 0.41 | 0.50 | 0.11 | 0.09 | 0.78 | 0.05 | 0.13 |
| Kromidovo 2 | MN11 | 5 | 0.34 | 0.45 | 0.40 | 0.29 | 0.30 | 0.33 | 0.34 | 0.45 | 0.36 | 0.35 | 0.45 | 0.39 | 0.47 | 0.29 | 0.25 | 0.22 | 0.41 | 0.17 | 0.27 |
| Lantian-6 | MN11 | 14 | 0.19 | 0.39 | 0.77 | 0.11 | 0.77 | 0.16 | 0.21 | 0.37 | 0.21 | 0.22 | 0.40 | 0.25 | 0.41 | 0.44 | 0.09 | 0.07 | 0.76 | 0.04 | 0.73 |
| Las Pedrizas | MN11 | 7 | 0.24 | 0.92 | 0.36 | 0.18 | 0.59 | 0.62 | 0.73 | 0.41 | 0.70 | 0.27 | 0.42 | 0.32 | 0.44 | 0.59 | 0.49 | 0.77 | 0.82 | 0.34 | 0.56 |
| Los Aljezares | MN11 | 9 | 0.20 | 0.40 | 0.31 | 0.15 | 0.17 | 0.16 | 0.23 | 0.38 | 0.23 | 0.22 | 0.42 | 0.27 | 0.42 | 0.15 | 0.12 | 0.67 | 0.33 | 0.47 | 0.47 |
| Los Mansuetos | MN11 | 29 | 0.03 | 0.25 | 0.44 | 0.01 | 0.50 | 0.12 | 0.48 | 0.22 | 0.05 | 0.05 | 0.25 | 0.09 | 0.29 | 0.09 | 0.03 | 0.09 | 0.45 | 0.18 | 0.42 |
| Lufeng-shihuiba | MN11 | 41 | 0.02 | 0.21 | 0.10 | 0.00 | 0.14 | 0.07 | 0.13 | 0.18 | 0.02 | 0.65 | 0.20 | 0.25 | 0.26 | 0.00 | 0.00 | 0.23 | 0.09 | 0.09 | 0.49 |
| Maragheh (MMTT 1 | MN11 | 7 | 0.31 | 0.44 | 0.87 | 0.24 | 0.69 | 0.28 | 0.31 | 0.43 | 0.32 | 0.33 | 0.44 | 0.36 | 0.45 | 0.70 | 0.21 | 0.18 | 0.88 | 0.14 | 0.24 |
| Maragheh (MMTT 1 | MN11 | 16 | 0.11 | 0.35 | 0.67 | 0.26 | 0.58 | 0.08 | 0.13 | 0.33 | 0.14 | 0.48 | 0.32 | 0.18 | 0.84 | 0.80 | 0.21 | 0.15 | 0.65 | 0.06 | 0.51 |
| Maragheh (MMTT 2 | MN11 | 6 | 0.27 | 0.44 | 0.86 | 0.21 | 0.91 | 0.24 | 0.29 | 0.43 | 0.30 | 0.30 | 0.43 | 0.35 | 0.44 | 0.91 | 0.19 | 0.15 | 0.86 | 0.10 | 0.21 |
| Maragheh (MMTT 3 | MN11 | 6 | 0.29 | 0.43 | 0.37 | 0.22 | 0.64 | 0.25 | 0.30 | 0.41 | 0.30 | 0.30 | 0.43 | 0.35 | 0.44 | 0.63 | 0.18 | 0.16 | 0.37 | 0.10 | 0.21 |
| Maragheh (MMTT 3 | MN11 | 11 | 0.20 | 0.40 | 0.81 | 0.14 | 0.82 | 0.17 | 0.22 | 0.38 | 0.23 | 0.23 | 0.40 | 0.27 | 0.43 | 0.79 | 0.10 | 0.08 | 0.79 | 0.05 | 0.14 |
| Maragheh (MMTT 7 | MN11 | 11 | 0.16 | 0.37 | 0.75 | 0.10 | 0.42 | 0.14 | 0.17 | 0.36 | 0.19 | 0.21 | 0.38 | 0.24 | 0.40 | 0.41 | 0.08 | 0.57 | 0.73 | 0.39 | 0.68 |
| Middle Maragheh | MN11 | 39 | 0.02 | 0.22 | 0.35 | 0.00 | 0.14 | 0.01 | 0.12 | 0.18 | 0.03 | 0.15 | 0.21 | 0.06 | 0.69 | 0.13 | 0.00 | 0.01 | 0.35 | 0.00 | 0.26 |
| Molayan | MN11 | 17 | 0.10 | 0.34 | 0.65 | 0.06 | 0.26 | 0.08 | 0.42 | 0.31 | 0.12 | 0.46 | 0.34 | 0.18 | 0.85 | 0.24 | 0.04 | 0.13 | 0.64 | 0.00 | 0.22 |
| Mt. Luberon | MN11 | 9 | 0.21 | 0.39 | 0.77 | 0.14 | 0.50 | 0.17 | 0.65 | 0.37 | 0.23 | 0.22 | 0.40 | 0.28 | 0.42 | 0.47 | 0.09 | 0.33 | 0.80 | 0.05 | 0.13 |
| Mytilinii 3 | MN11 | 14 | 0.16 | 0.35 | 0.70 | 0.09 | 0.41 | 0.12 | 0.16 | 0.34 | 0.19 | 0.18 | 0.37 | 0.21 | 0.40 | 0.38 | 0.05 | 0.04 | 0.69 | 0.02 | 0.09 |
| Mytilinii 4 | MN11 | 14 | 0.14 | 0.37 | 0.71 | 0.08 | 0.36 | 0.11 | 0.16 | 0.32 | 0.16 | 0.85 | 0.37 | 0.21 | 0.85 | 0.33 | 0.05 | 0.18 | 0.71 | 0.09 | 0.29 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ortok | MN11 | 11 | 0.16 | 0.37 | 0.74 | 0.10 | 0.40 | 0.14 | 0.19 | 0.37 | 0.19 | 0.57 | 0.38 | 0.24 | 0.89 | 0.41 | 0.08 | 0.26 | 0.73 | 0.16 | 0.69 |
| Perivolaki | MN11 | 26 | 0.05 | 0.72 | 0.48 | 0.02 | 0.12 | 0.03 | 0.05 | 0.23 | 0.28 | 0.28 | 0.27 | 0.39 | 0.79 | 0.29 | 0.06 | 0.29 | 0.80 | 0.14 | 0.08 |
| Pikermi-MNHN (PIK) | MN11 | 27 | 0.03 | 0.72 | 0.78 | 0.07 | 0.72 | 0.33 | 0.20 | 0.22 | 0.51 | 0.50 | 0.69 | 0.34 | 0.75 | 0.69 | 0.13 | 0.20 | 0.93 | 0.01 | 0.21 |
| Pinaryaka | MN11 | 10 | 0.19 | 0.40 | 0.76 | 0.12 | 0.77 | 0.17 | 0.20 | 0.38 | 0.20 | 0.21 | 0.38 | 0.26 | 0.42 | 0.77 | 0.09 | 0.07 | 0.75 | 0.04 | 0.10 |
| Prochoma | MN11 | 16 | 0.11 | 0.34 | 0.67 | 0.07 | 0.58 | 0.08 | 0.13 | 0.32 | 0.15 | 0.16 | 0.35 | 0.19 | 0.36 | 0.54 | 0.04 | 0.02 | 0.90 | 0.07 | 0.25 |
| Ravin X | MN11 | 15 | 0.13 | 0.34 | 0.67 | 0.07 | 0.64 | 0.10 | 0.15 | 0.31 | 0.15 | 0.15 | 0.35 | 0.19 | 0.37 | 0.61 | 0.04 | 0.03 | 0.69 | 0.01 | 0.07 |
| Salihpasalar | MN11 | 13 | 0.16 | 0.37 | 0.72 | 0.09 | 0.39 | 0.13 | 0.17 | 0.34 | 0.18 | 0.54 | 0.36 | 0.23 | 0.88 | 0.37 | 0.05 | 0.04 | 0.73 | 0.02 | 0.34 |
| Salihpasalar 1 | MN11 | 10 | 0.21 | 0.40 | 0.80 | 0.13 | 0.51 | 0.17 | 0.22 | 0.38 | 0.25 | 0.66 | 0.40 | 0.28 | 0.91 | 0.48 | 0.10 | 0.08 | 0.79 | 0.05 | 0.48 |
| Salihpasalar 2 | MN11 | 10 | 0.17 | 0.39 | 0.76 | 0.12 | 0.47 | 0.16 | 0.19 | 0.37 | 0.21 | 0.62 | 0.39 | 0.25 | 0.91 | 0.43 | 0.09 | 0.06 | 0.78 | 0.04 | 0.42 |
| Samos (A-1) | MN11 | 34 | 0.02 | 0.67 | 0.41 | 0.05 | 0.41 | 0.01 | 0.17 | 0.21 | 0.18 | 0.17 | 0.23 | 0.06 | 0.74 | 0.61 | 0.09 | 0.06 | 0.72 | 0.00 | 0.16 |
| Samos-Q6 | MN11 | 9 | 0.21 | 0.40 | 0.78 | 0.13 | 0.50 | 0.18 | 0.22 | 0.39 | 0.22 | 0.23 | 0.41 | 0.27 | 0.42 | 0.49 | 0.11 | 0.08 | 0.77 | 0.05 | 0.15 |
| Serefk?y | MN11 | 12 | 0.15 | 0.37 | 0.72 | 0.35 | 0.39 | 0.13 | 0.18 | 0.34 | 0.19 | 0.55 | 0.37 | 0.23 | 0.89 | 0.67 | 0.28 | 0.05 | 0.72 | 0.02 | 0.35 |
| Sor | MN11 | 12 | 0.14 | 0.37 | 0.71 | 0.08 | 0.39 | 0.13 | 0.17 | 0.35 | 0.19 | 0.18 | 0.36 | 0.23 | 0.39 | 0.37 | 0.06 | 0.06 | 0.94 | 0.02 | 0.35 |
| Taraklia | MN11 | 41 | 0.02 | 0.68 | 0.42 | 0.01 | 0.46 | 0.28 | 0.42 | 0.20 | 0.19 | 0.48 | 0.22 | 0.08 | 0.75 | 0.21 | 0.10 | 0.01 | 0.73 | 0.00 | 0.15 |
| Tudorovo | MN11 | 11 | 0.23 | 0.41 | 0.82 | 0.16 | 0.86 | 0.59 | 0.68 | 0.40 | 0.27 | 0.25 | 0.41 | 0.30 | 0.43 | 0.54 | 0.45 | 0.11 | 0.81 | 0.06 | 0.15 |
| Upper Maragheh | MN11 | 28 | 0.04 | 0.71 | 0.45 | 0.09 | 0.51 | 0.03 | 0.22 | 0.23 | 0.24 | 0.24 | 0.27 | 0.09 | 0.77 | 0.70 | 0.14 | 0.02 | 0.77 | 0.01 | 0.21 |
| Valdecebro 5 | MN11 | 6 | 0.27 | 0.43 | 0.37 | 0.21 | 0.24 | 0.26 | 0.75 | 0.42 | 0.29 | 0.31 | 0.42 | 0.34 | 0.44 | 0.22 | 0.18 | 0.15 | 0.37 | 0.11 | 0.19 |
| Vathylakkos 2 (VTK) | MN11 | 13 | 0.14 | 0.36 | 0.70 | 0.09 | 0.74 | 0.14 | 0.16 | 0.35 | 0.18 | 0.17 | 0.37 | 0.23 | 0.39 | 0.65 | 0.06 | 0.04 | 0.73 | 0.12 | 0.09 |
| Vathylakkos 3 (VAT) | MN11 | 23 | 0.07 | 0.29 | 0.85 | 0.15 | 0.65 | 0.20 | 0.60 | 0.26 | 0.32 | 0.34 | 0.75 | 0.47 | 0.33 | 0.63 | 0.09 | 0.36 | 0.85 | 0.07 | 0.02 |
| Siwaliks Y0946 | MN11 | 7 | 0.25 | 0.43 | 0.98 | 0.58 | 0.89 | 0.65 | 0.72 | 0.40 | 0.71 | 0.71 | 0.92 | 0.78 | 0.43 | 0.86 | 0.50 | 0.47 | 0.98 | 0.08 | 0.18 |
| Siwaliks Y0950 | MN11 | 8 | 0.27 | 0.43 | 0.87 | 0.62 | 0.65 | 0.67 | 0.74 | 0.42 | 0.77 | 0.76 | 0.93 | 0.82 | 0.45 | 0.63 | 0.56 | 0.51 | 0.99 | 0.11 | 0.21 |
| Siwaliks Y0947 | MN11 | 6 | 0.28 | 0.44 | 0.85 | 0.61 | 0.64 | 0.68 | 0.75 | 0.42 | 0.76 | 0.76 | 0.93 | 0.81 | 0.44 | 0.64 | 0.57 | 0.49 | 0.86 | 0.10 | 0.21 |
| Siwaliks Y0960 | MN11 | 7 | 0.28 | 0.43 | 0.88 | 0.62 | 0.62 | 0.70 | 0.75 | 0.40 | 0.76 | 0.77 | 0.92 | 0.81 | 0.45 | 0.64 | 0.57 | 0.49 | 0.99 | 0.11 | 0.20 |
| Siwaliks Y0917 | MN11 | 6 | 0.27 | 0.43 | 0.86 | 0.62 | 0.90 | 0.67 | 0.75 | 0.42 | 0.77 | 0.75 | 0.93 | 0.82 | 0.44 | 0.91 | 0.54 | 0.54 | 0.98 | 0.10 | 0.20 |
| Corakyerler | MN11 | 25 | 0.05 | 0.28 | 0.51 | 0.01 | 0.35 | 0.04 | 0.07 | 0.24 | 0.07 | 0.31 | 0.29 | 0.11 | 0.78 | 0.34 | 0.01 | 0.00 | 0.51 | 0.00 | 0.26 |
| Siwaliks Y0011 | MN11 | 10 | 0.18 | 0.38 | 0.75 | 0.44 | 0.49 | 0.52 | 0.90 | 0.36 | 0.61 | 0.61 | 0.88 | 0.71 | 0.41 | 0.44 | 0.35 | 0.31 | 0.75 | 0.03 | 0.11 |
| Siwaliks Y0097 | MN11 | 7 | 0.29 | 0.43 | 0.37 | 0.21 | 0.24 | 0.24 | 0.29 | 0.42 | 0.30 | 0.30 | 0.43 | 0.33 | 0.45 | 0.21 | 0.17 | 0.14 | 0.37 | 0.08 | 0.22 |
| Siwaliks Y0399 | MN11 | 7 | 0.28 | 0.43 | 0.86 | 0.63 | 0.65 | 0.70 | 0.74 | 0.42 | 0.76 | 0.76 | 0.92 | 0.80 | 0.44 | 0.62 | 0.56 | 0.52 | 0.85 | 0.12 | 0.21 |
| Siwaliks Y0541 | MN11 | 8 | 0.25 | 0.42 | 0.83 | 0.59 | 0.59 | 0.62 | 0.72 | 0.41 | 0.74 | 0.70 | 0.92 | 0.79 | 0.43 | 0.58 | 0.49 | 0.44 | 0.98 | 0.07 | 0.19 |
| Siwaliks Y0547 | MN11 | 11 | 0.18 | 0.39 | 0.75 | 0.41 | 0.47 | 0.50 | 0.59 | 0.37 | 0.63 | 0.63 | 0.88 | 0.68 | 0.41 | 0.45 | 0.36 | 0.30 | 0.96 | 0.19 | 0.12 |
| Sinap 26 | MN11 | 11 | 0.16 | 0.38 | 0.72 | 0.10 | 0.42 | 0.13 | 0.18 | 0.37 | 0.19 | 0.58 | 0.37 | 0.25 | 0.89 | 0.41 | 0.07 | 0.06 | 0.73 | 0.03 | 0.71 |
| Sinap 33 | MN11 | 10 | 0.18 | 0.38 | 0.77 | 0.11 | 0.45 | 0.16 | 0.21 | 0.37 | 0.21 | 0.22 | 0.39 | 0.25 | 0.41 | 0.45 | 0.09 | 0.28 | 0.78 | 0.20 | 0.42 |
| Siwaliks Y0090 | MN11 | 5 | 0.30 | 0.44 | 0.39 | 0.23 | 0.26 | 0.29 | 0.30 | 0.41 | 0.31 | 0.34 | 0.45 | 0.35 | 0.45 | 0.26 | 0.21 | 0.18 | 0.39 | 0.14 | 0.24 |
| Siwaliks Y0017 | MN11 | 10 | 0.19 | 0.40 | 0.75 | 0.43 | 0.79 | 0.50 | 0.61 | 0.38 | 0.59 | 0.62 | 0.87 | 0.68 | 0.41 | 0.77 | 0.34 | 0.29 | 0.76 | 0.04 | 0.13 |
| Siwaliks Y0019 | MN11 | 7 | 0.24 | 0.42 | 0.37 | 0.20 | 0.60 | 0.23 | 0.71 | 0.41 | 0.28 | 0.27 | 0.42 | 0.31 | 0.42 | 0.57 | 0.15 | 0.13 | 0.34 | 0.08 | 0.18 |
| Siwaliks Y0020 | MN11 | 6 | 0.30 | 0.43 | 0.85 | 0.63 | 0.90 | 0.92 | 0.96 | 0.41 | 0.96 | 0.75 | 0.92 | 0.81 | 0.44 | 0.61 | 0.86 | 0.82 | 0.86 | 0.41 | 0.21 |
| Baynunah | MN11 | 15 | 0.13 | 0.37 | 0.70 | 0.09 | 0.35 | 0.09 | 0.14 | 0.34 | 0.16 | 0.52 | 0.37 | 0.21 | 0.87 | 0.35 | 0.06 | 0.18 | 0.71 | 0.02 | 0.32 |
| Siwaliks Y0033 | MN11 | 5 | 0.30 | 0.44 | 0.87 | 0.68 | 0.70 | 0.73 | 0.79 | 0.43 | 0.80 | 0.81 | 0.94 | 0.84 | 0.45 | 0.70 | 0.62 | 0.55 | 0.99 | 0.14 | 0.25 |
| Siwaliks L0073 | MN11 | 5 | 0.33 | 0.95 | 0.90 | 0.74 | 0.75 | 0.79 | 0.84 | 0.45 | 0.98 | 0.84 | 0.95 | 0.88 | 0.45 | 0.96 | 0.93 | 0.93 | 0.99 | 0.58 | 0.29 |
| Siwaliks L0074 | MN11 | 5 | 0.33 | 0.45 | 0.90 | 0.73 | 0.96 | 0.78 | 0.84 | 0.44 | 0.83 | 0.83 | 0.95 | 0.87 | 0.46 | 0.95 | 0.71 | 0.65 | 0.89 | 0.18 | 0.28 |
| Siwaliks Y0539 | MN11 | 9 | 0.22 | 0.41 | 0.81 | 0.51 | 0.88 | 0.86 | 0.92 | 0.39 | 0.93 | 0.69 | 0.90 | 0.75 | 0.43 | 0.53 | 0.75 | 0.70 | 0.81 | 0.26 | 0.15 |
| Siwaliks Y0542 | MN11 | 7 | 0.24 | 0.42 | 0.85 | 0.55 | 0.60 | 0.63 | 0.71 | 0.40 | 0.73 | 0.72 | 0.91 | 0.80 | 0.44 | 0.58 | 0.51 | 0.46 | 0.84 | 0.32 | 0.18 |
| Siwaliks Y0545 | MN11 | 16 | 0.14 | 0.85 | 0.92 | 0.32 | 0.87 | 0.70 | 0.81 | 0.33 | 0.96 | 0.54 | 0.85 | 0.61 | 0.38 | 0.87 | 0.78 | 0.71 | 1.00 | 0.53 | 0.30 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Siwaliks Y0599 | MN11 | 10 | 0.19 | 0.88 | 0.31 | 0.15 | 0.15 | 0.17 | 0.21 | 0.39 | 0.63 | 0.24 | 0.39 | 0.27 | 0.42 | 0.49 | 0.39 | 0.33 | 0.78 | 0.51 | 0.12 |
| Siwaliks Y0600 | MN11 | 8 | 0.24 | 0.42 | 0.35 | 0.20 | 0.58 | 0.22 | 0.27 | 0.41 | 0.28 | 0.26 | 0.42 | 0.31 | 0.43 | 0.59 | 0.14 | 0.12 | 0.85 | 0.08 | 0.56 |
| Siwaliks Y0606 | MN11 | 7 | 0.28 | 0.43 | 0.86 | 0.63 | 0.92 | 0.70 | 0.74 | 0.42 | 0.76 | 0.75 | 0.93 | 0.80 | 0.44 | 0.90 | 0.56 | 0.53 | 0.86 | 0.41 | 0.21 |
| Siwaliks Y0998 | MN11 | 6 | 0.30 | 0.44 | 0.87 | 0.68 | 0.94 | 0.94 | 0.97 | 0.44 | 0.97 | 0.82 | 0.94 | 0.84 | 0.45 | 0.69 | 0.90 | 0.87 | 0.86 | 0.48 | 0.25 |
| Khirgis-Nur II-Altan- | MN11 | 9 | 0.26 | 0.43 | 0.85 | 0.21 | 0.64 | 0.24 | 0.29 | 0.41 | 0.30 | 0.31 | 0.43 | 0.33 | 0.43 | 0.63 | 0.17 | 0.16 | 0.86 | 0.10 | 0.21 |
| Baccinello V1 | MN11 | 6 | 0.25 | 0.43 | 0.38 | 0.21 | 0.23 | 0.25 | 0.29 | 0.42 | 0.30 | 0.28 | 0.43 | 0.34 | 0.44 | 0.22 | 0.18 | 0.15 | 0.36 | 0.10 | 0.21 |
| Eski Bayirkoy | MN11 | 5 | 0.31 | 0.44 | 0.39 | 0.23 | 0.27 | 0.28 | 0.32 | 0.43 | 0.32 | 0.31 | 0.45 | 0.36 | 0.45 | 0.25 | 0.21 | 0.19 | 0.39 | 0.14 | 0.24 |
| Gorna Susica | MN11 | 7 | 0.24 | 0.42 | 0.35 | 0.18 | 0.21 | 0.23 | 0.27 | 0.40 | 0.28 | 0.28 | 0.42 | 0.32 | 0.44 | 0.21 | 0.15 | 0.13 | 0.83 | 0.08 | 0.55 |
| Hayranli Main Bed | MN11 | 10 | 0.18 | 0.38 | 0.77 | 0.11 | 0.77 | 0.16 | 0.21 | 0.37 | 0.22 | 0.59 | 0.38 | 0.27 | 0.91 | 0.75 | 0.09 | 0.29 | 0.75 | 0.19 | 0.42 |
| Kalimanci 3 | MN11 | 6 | 0.26 | 0.44 | 0.99 | 0.21 | 0.65 | 0.24 | 0.30 | 0.42 | 0.74 | 0.30 | 0.42 | 0.35 | 0.44 | 0.64 | 0.57 | 0.16 | 0.85 | 0.40 | 0.22 |
| Karain 2 | MN11 | 5 | 0.30 | 0.43 | 0.88 | 0.26 | 0.71 | 0.29 | 0.79 | 0.43 | 0.33 | 0.33 | 0.44 | 0.37 | 0.45 | 0.68 | 0.21 | 0.19 | 0.88 | 0.14 | 0.24 |
| Kemiklitepe 1:2 | MN11 | 21 | 0.06 | 0.30 | 0.55 | 0.16 | 0.42 | 0.04 | 0.08 | 0.27 | 0.08 | 0.34 | 0.31 | 0.13 | 0.81 | 0.67 | 0.10 | 0.07 | 0.55 | 0.00 | 0.15 |
| Kerassia | MN11 | 5 | 0.31 | 0.95 | 0.99 | 0.68 | 0.94 | 0.74 | 0.79 | 0.43 | 0.97 | 0.80 | 0.94 | 0.84 | 0.45 | 0.99 | 0.89 | 0.86 | 1.00 | 0.48 | 0.23 |
| Kerassia 1 | MN11 | 12 | 0.16 | 0.37 | 0.72 | 0.37 | 0.89 | 0.13 | 0.16 | 0.34 | 0.18 | 0.57 | 0.38 | 0.23 | 0.87 | 0.91 | 0.27 | 0.06 | 0.72 | 0.02 | 0.68 |
| Kerassia 3 | MN11 | 5 | 0.31 | 0.44 | 0.39 | 0.25 | 0.25 | 0.28 | 0.32 | 0.43 | 0.33 | 0.80 | 0.44 | 0.37 | 0.94 | 0.25 | 0.22 | 0.18 | 0.38 | 0.49 | 0.67 |
| Kerassia 4 | MN11 | 9 | 0.20 | 0.40 | 0.79 | 0.13 | 0.50 | 0.18 | 0.21 | 0.38 | 0.23 | 0.65 | 0.39 | 0.28 | 0.91 | 0.52 | 0.11 | 0.08 | 0.78 | 0.04 | 0.46 |
| Mahmutgazi | MN11 | 12 | 0.15 | 0.37 | 0.26 | 0.09 | 0.10 | 0.12 | 0.17 | 0.34 | 0.17 | 0.84 | 0.37 | 0.23 | 0.88 | 0.10 | 0.07 | 0.22 | 0.27 | 0.14 | 0.34 |
| Maragheh | MN11 | 47 | 0.01 | 0.55 | 0.28 | 0.01 | 0.07 | 0.01 | 0.08 | 0.14 | 0.10 | 0.09 | 0.18 | 0.03 | 0.64 | 0.34 | 0.02 | 0.01 | 0.55 | 0.00 | 0.15 |
| Monte Bamboli | MN11 | 8 | 0.22 | 0.43 | 0.33 | 0.16 | 0.17 | 0.19 | 0.25 | 0.40 | 0.26 | 0.69 | 0.41 | 0.29 | 0.42 | 0.17 | 0.12 | 0.08 | 0.33 | 0.06 | 0.15 |
| Novo-Elizavetovka | MN11 | 20 | 0.08 | 0.80 | 0.60 | 0.04 | 0.74 | 0.56 | 0.38 | 0.28 | 0.41 | 0.38 | 0.29 | 0.15 | 0.83 | 0.50 | 0.34 | 0.10 | 0.88 | 0.03 | 0.43 |
| Pyrgos Vassilissis | MN11 | 8 | 0.25 | 0.41 | 0.83 | 0.19 | 0.88 | 0.23 | 0.27 | 0.41 | 0.27 | 0.28 | 0.41 | 0.32 | 0.43 | 0.87 | 0.14 | 0.13 | 0.83 | 0.07 | 0.18 |
| Siwaliks Y0024 | MN11 | 15 | 0.14 | 0.35 | 0.92 | 0.33 | 0.67 | 0.41 | 0.49 | 0.34 | 0.53 | 0.53 | 0.84 | 0.61 | 0.38 | 0.66 | 0.26 | 0.20 | 0.99 | 0.02 | 0.08 |
| Siwaliks Y0034 | MN11 | 5 | 0.30 | 0.43 | 0.88 | 0.70 | 0.72 | 0.73 | 0.79 | 0.43 | 0.80 | 0.81 | 0.94 | 0.85 | 0.45 | 0.70 | 0.62 | 0.56 | 0.88 | 0.13 | 0.25 |
| Siwaliks Y0036 | MN11 | 5 | 0.30 | 0.45 | 0.87 | 0.25 | 0.95 | 0.28 | 0.31 | 0.43 | 0.32 | 0.32 | 0.43 | 0.35 | 0.45 | 0.95 | 0.21 | 0.20 | 0.89 | 0.14 | 0.24 |
| Siwaliks Y0176 | MN11 | 5 | 0.30 | 0.45 | 0.39 | 0.23 | 0.26 | 0.28 | 0.32 | 0.43 | 0.33 | 0.31 | 0.45 | 0.36 | 0.45 | 0.26 | 0.22 | 0.18 | 0.39 | 0.15 | 0.25 |
| Djebel Krechem el A | MN11 | 11 | 0.19 | 0.40 | 0.30 | 0.13 | 0.78 | 0.50 | 0.58 | 0.37 | 0.61 | 0.60 | 0.40 | 0.26 | 0.89 | 0.44 | 0.34 | 0.29 | 0.30 | 0.17 | 0.43 |
| Irrawaddy 1 | MN11 | 27 | 0.23 | 0.29 | 0.16 | 0.02 | 0.36 | 0.41 | 0.57 | 0.25 | 0.28 | 0.07 | 0.30 | 0.11 | 0.31 | 0.01 | 0.18 | 0.16 | 0.82 | 0.05 | 0.27 |
| Qinan-Chenggoucun | MN11 | 5 | 0.30 | 0.94 | 0.99 | 0.25 | 0.94 | 0.73 | 0.78 | 0.44 | 0.79 | 0.34 | 0.44 | 0.85 | 0.45 | 0.69 | 0.22 | 0.57 | 0.88 | 0.14 | 0.25 |
| Tanagra | MN11 | 5 | 0.33 | 0.45 | 0.90 | 0.29 | 0.77 | 0.31 | 0.35 | 0.43 | 0.36 | 0.34 | 0.46 | 0.38 | 0.46 | 0.76 | 0.27 | 0.23 | 0.90 | 0.18 | 0.28 |
| Zinda pir 4 | MN11 | 9 | 0.19 | 0.89 | 0.79 | 0.15 | 0.82 | 0.54 | 0.63 | 0.38 | 0.63 | 0.23 | 0.39 | 0.71 | 0.43 | 0.83 | 0.11 | 0.66 | 0.78 | 0.24 | 0.49 |
| Siwaliks Y0007 | MN11 | 5 | 0.31 | 0.44 | 0.38 | 0.26 | 0.26 | 0.27 | 0.32 | 0.43 | 0.32 | 0.34 | 0.44 | 0.35 | 0.45 | 0.26 | 0.21 | 0.18 | 0.89 | 0.13 | 0.25 |
| Bahe | MN11 | 22 | 0.08 | 0.33 | 0.64 | 0.06 | 0.79 | 0.32 | 0.41 | 0.30 | 0.44 | 0.44 | 0.33 | 0.16 | 0.85 | 0.25 | 0.16 | 0.14 | 0.63 | 0.06 | 0.77 |
| Chobruchi (Tchobro | MN11 | 24 | 0.06 | 0.76 | 0.53 | 0.14 | 0.68 | 0.21 | 0.30 | 0.26 | 0.33 | 0.32 | 0.31 | 0.12 | 0.83 | 0.83 | 0.50 | 0.06 | 0.85 | 0.02 | 0.12 |
| Haliminhani 4 | MN11 | 5 | 0.31 | 0.43 | 0.88 | 0.24 | 0.94 | 0.28 | 0.32 | 0.42 | 0.32 | 0.32 | 0.44 | 0.37 | 0.45 | 0.93 | 0.22 | 0.18 | 0.88 | 0.13 | 0.24 |
| Sarihasan | MN11 | 5 | 0.30 | 0.44 | 0.39 | 0.25 | 0.25 | 0.28 | 0.32 | 0.43 | 0.32 | 0.33 | 0.45 | 0.37 | 0.45 | 0.24 | 0.22 | 0.59 | 0.39 | 0.49 | 0.69 |
| Siwaliks Y0028 | MN11 | 12 | 0.56 | 0.38 | 0.76 | 0.45 | 0.47 | 0.50 | 0.60 | 0.37 | 0.64 | 0.62 | 0.88 | 0.69 | 0.41 | 0.45 | 0.35 | 0.60 | 0.96 | 0.19 | 0.42 |
| Sinap 34 | MN11 | 5 | 0.29 | 0.44 | 0.38 | 0.24 | 0.26 | 0.29 | 0.80 | 0.42 | 0.32 | 0.81 | 0.44 | 0.36 | 0.45 | 0.26 | 0.21 | 0.87 | 0.38 | 0.80 | 0.24 |
| Siwaliks Y0174 | MN11 | 6 | 0.27 | 0.92 | 0.86 | 0.64 | 0.62 | 0.69 | 0.73 | 0.40 | 0.96 | 0.77 | 0.93 | 0.82 | 0.44 | 0.89 | 0.86 | 0.81 | 1.00 | 0.40 | 0.21 |
| Siwaliks Y0535 | MN11 | 8 | 0.24 | 0.43 | 0.82 | 0.56 | 0.60 | 0.64 | 0.70 | 0.41 | 0.71 | 0.73 | 0.91 | 0.80 | 0.43 | 0.60 | 0.50 | 0.44 | 1.00 | 0.07 | 0.54 |
| Dzedzvtakhevi | MN11 | 8 | 0.23 | 0.91 | 1.00 | 0.17 | 0.83 | 0.60 | 0.92 | 0.40 | 0.93 | 0.27 | 0.40 | 0.74 | 0.42 | 0.54 | 0.45 | 0.37 | 0.81 | 0.28 | 0.16 |
| Eldari | MN11 | 11 | 0.18 | 0.88 | 0.77 | 0.14 | 0.93 | 0.50 | 0.59 | 0.37 | 0.62 | 0.60 | 0.39 | 0.25 | 0.92 | 0.93 | 0.67 | 0.28 | 0.96 | 0.20 | 0.42 |
| Kujalnitskij liman | MN11 | 7 | 0.25 | 0.43 | 0.83 | 0.17 | 0.87 | 0.64 | 0.70 | 0.40 | 0.28 | 0.27 | 0.42 | 0.32 | 0.43 | 0.60 | 0.51 | 0.12 | 0.83 | 0.07 | 0.19 |
| Chorora | MN11 | 8 | 0.22 | 0.42 | 0.34 | 0.17 | 0.17 | 0.60 | 0.23 | 0.38 | 0.26 | 0.26 | 0.40 | 0.30 | 0.43 | 0.52 | 0.43 | 0.10 | 0.32 | 0.05 | 0.16 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Siwaliks Y0604 | MN11 | 11 | 0.21 | 0.39 | 0.79 | 0.47 | 0.51 | 0.56 | 0.63 | 0.37 | 0.64 | 0.66 | 0.89 | 0.73 | 0.43 | 0.48 | 0.42 | 0.35 | 0.79 | 0.21 | 0.12 |
| Altan-Teli | MN11 | 18 | 0.16 | 0.38 | 0.76 | 0.11 | 0.43 | 0.13 | 0.18 | 0.36 | 0.19 | 0.20 | 0.38 | 0.26 | 0.39 | 0.42 | 0.08 | 0.06 | 0.73 | 0.03 | 0.10 |
| Bala Yaylakoy | MN11 | 11 | 0.17 | 0.38 | 0.77 | 0.12 | 0.78 | 0.16 | 0.21 | 0.37 | 0.20 | 0.21 | 0.40 | 0.28 | 0.41 | 0.75 | 0.09 | 0.07 | 0.96 | 0.03 | 0.40 |
| Crevillente 2 | MN11 | 16 | 0.11 | 0.81 | 0.66 | 0.27 | 0.31 | 0.35 | 0.75 | 0.32 | 0.75 | 0.45 | 0.82 | 0.57 | 0.36 | 0.57 | 0.45 | 0.62 | 0.92 | 0.23 | 0.06 |
| Csakvar | MN11 | 23 | 0.06 | 0.28 | 0.15 | 0.11 | 0.03 | 0.03 | 0.29 | 0.26 | 0.07 | 0.62 | 0.29 | 0.73 | 0.32 | 0.13 | 0.08 | 0.14 | 0.17 | 0.34 | 0.30 |
| Dorn Durkheim 1 | MN11 | 40 | 0.01 | 0.60 | 0.33 | 0.03 | 0.12 | 0.18 | 0.55 | 0.16 | 0.31 | 0.60 | 0.60 | 0.51 | 0.24 | 0.10 | 0.12 | 0.50 | 0.87 | 0.22 | 0.21 |
| Dzhuanaryk | MN11 | 10 | 0.18 | 0.38 | 0.76 | 0.12 | 0.47 | 0.16 | 0.20 | 0.36 | 0.20 | 0.89 | 0.39 | 0.25 | 0.90 | 0.45 | 0.08 | 0.07 | 0.76 | 0.03 | 0.74 |
| Garkin | MN11 | 19 | 0.08 | 0.33 | 0.21 | 0.04 | 0.22 | 0.06 | 0.10 | 0.29 | 0.10 | 0.37 | 0.31 | 0.15 | 0.83 | 0.20 | 0.02 | 0.25 | 0.20 | 0.03 | 0.43 |
| Injana | MN11 | 16 | 0.10 | 0.34 | 0.92 | 0.25 | 0.95 | 0.66 | 0.76 | 0.33 | 0.78 | 0.78 | 0.82 | 0.58 | 0.85 | 0.80 | 0.45 | 0.36 | 0.99 | 0.07 | 0.26 |
| Kucukcekmece | MN11 | 22 | 0.07 | 0.76 | 0.85 | 0.17 | 0.69 | 0.23 | 0.32 | 0.28 | 0.66 | 0.36 | 0.77 | 0.76 | 0.33 | 0.85 | 0.27 | 0.43 | 0.98 | 0.09 | 0.02 |
| Kalimanci 1 | MN11 | 12 | 0.14 | 0.37 | 0.94 | 0.10 | 0.72 | 0.12 | 0.54 | 0.83 | 0.17 | 0.17 | 0.37 | 0.24 | 0.39 | 0.68 | 0.06 | 0.05 | 0.72 | 0.34 | 0.36 |
| Karacahasan | MN11 | 19 | 0.09 | 0.33 | 0.64 | 0.04 | 0.54 | 0.06 | 0.10 | 0.31 | 0.11 | 0.12 | 0.33 | 0.16 | 0.36 | 0.48 | 0.03 | 0.02 | 0.62 | 0.01 | 0.04 |
| Kayadibi | MN11 | 14 | 0.12 | 0.83 | 0.25 | 0.07 | 0.33 | 0.10 | 0.12 | 0.33 | 0.48 | 0.50 | 0.35 | 0.20 | 0.87 | 0.61 | 0.22 | 0.15 | 0.68 | 0.08 | 0.57 |
| Kocherinovo 1 | MN11 | 6 | 0.28 | 0.43 | 0.99 | 0.22 | 0.65 | 0.25 | 0.29 | 0.42 | 0.75 | 0.30 | 0.43 | 0.34 | 0.44 | 0.63 | 0.58 | 0.15 | 0.86 | 0.38 | 0.21 |
| Kocherinovo 2 | MN11 | 7 | 0.25 | 0.43 | 0.82 | 0.18 | 0.88 | 0.22 | 0.25 | 0.40 | 0.26 | 0.28 | 0.41 | 0.32 | 0.43 | 0.88 | 0.15 | 0.12 | 0.83 | 0.09 | 0.18 |
| Kohfidisch | MN11 | 16 | 0.12 | 0.81 | 0.65 | 0.06 | 0.61 | 0.36 | 0.45 | 0.32 | 0.45 | 0.47 | 0.34 | 0.17 | 0.36 | 0.57 | 0.44 | 0.37 | 0.91 | 0.21 | 0.51 |
| Lower Maragheh | MN11 | 8 | 0.23 | 0.41 | 0.34 | 0.15 | 0.56 | 0.20 | 0.24 | 0.39 | 0.24 | 0.69 | 0.41 | 0.30 | 0.93 | 0.54 | 0.14 | 0.12 | 0.33 | 0.06 | 0.53 |
| Maragheh (MMTT 4 | MN11 | 5 | 0.31 | 0.44 | 0.88 | 0.24 | 0.68 | 0.28 | 0.32 | 0.44 | 0.32 | 0.80 | 0.45 | 0.36 | 0.94 | 0.71 | 0.22 | 0.19 | 0.88 | 0.14 | 0.68 |
| Nikiti 2 (NIK) | MN11 | 10 | 0.19 | 0.40 | 0.79 | 0.13 | 0.81 | 0.18 | 0.22 | 0.39 | 0.24 | 0.23 | 0.40 | 0.28 | 0.41 | 0.81 | 0.10 | 0.09 | 0.79 | 0.06 | 0.13 |
| Piera | MN11 | 14 | 0.12 | 0.84 | 0.25 | 0.06 | 0.31 | 0.37 | 0.77 | 0.33 | 0.48 | 0.15 | 0.34 | 0.19 | 0.37 | 0.31 | 0.50 | 0.68 | 0.67 | 0.48 | 0.06 |
| Puente Minero | MN11 | 18 | 0.08 | 0.32 | 0.21 | 0.05 | 0.06 | 0.07 | 0.40 | 0.30 | 0.11 | 0.41 | 0.32 | 0.17 | 0.35 | 0.05 | 0.03 | 0.29 | 0.21 | 0.14 | 0.04 |
| Qaidam-shenggou | MN11 | 13 | 0.15 | 0.37 | 0.94 | 0.10 | 0.40 | 0.12 | 0.15 | 0.36 | 0.54 | 0.18 | 0.37 | 0.24 | 0.40 | 0.39 | 0.27 | 0.21 | 0.70 | 0.33 | 0.64 |
| Ravin des Zouaves 5 | MN11 | 25 | 0.06 | 0.30 | 0.55 | 0.02 | 0.65 | 0.20 | 0.07 | 0.26 | 0.08 | 0.33 | 0.30 | 0.12 | 0.81 | 0.38 | 0.01 | 0.01 | 0.53 | 0.02 | 0.36 |
| Strumyani 1 | MN11 | 8 | 0.24 | 0.42 | 0.84 | 0.19 | 0.60 | 0.23 | 0.26 | 0.41 | 0.28 | 0.27 | 0.41 | 0.32 | 0.44 | 0.59 | 0.17 | 0.14 | 0.83 | 0.08 | 0.18 |
| Strumyani 2 | MN11 | 9 | 0.25 | 0.42 | 1.00 | 0.57 | 0.88 | 0.63 | 0.70 | 0.41 | 0.95 | 0.72 | 0.92 | 0.76 | 0.43 | 0.87 | 0.81 | 0.44 | 0.98 | 0.34 | 0.19 |
| Taghar | MN11 | 7 | 0.24 | 0.41 | 0.83 | 0.19 | 0.59 | 0.24 | 0.26 | 0.41 | 0.27 | 0.73 | 0.42 | 0.32 | 0.93 | 0.58 | 0.15 | 0.14 | 0.85 | 0.08 | 0.56 |
| Vivero de Pinos | MN11 | 6 | 0.26 | 0.44 | 0.84 | 0.61 | 0.63 | 0.68 | 0.96 | 0.42 | 0.76 | 0.96 | 0.91 | 0.81 | 0.44 | 0.65 | 0.58 | 0.96 | 0.85 | 0.38 | 0.63 |
| Yangjiashan | MN11 | 21 | 0.07 | 0.30 | 0.57 | 0.03 | 0.70 | 0.22 | 0.32 | 0.28 | 0.09 | 0.34 | 0.31 | 0.14 | 0.80 | 0.18 | 0.02 | 0.01 | 0.56 | 0.00 | 0.82 |
| Yuanmou-baozidong | MN11 | 13 | 0.13 | 0.37 | 0.26 | 0.08 | 0.35 | 0.12 | 0.50 | 0.32 | 0.16 | 0.16 | 0.35 | 0.21 | 0.38 | 0.09 | 0.05 | 0.21 | 0.24 | 0.54 | 0.95 |
| Yuanmou-hudieliang | MN11 | 7 | 0.24 | 0.43 | 0.34 | 0.19 | 0.60 | 0.22 | 0.26 | 0.42 | 0.27 | 0.26 | 0.42 | 0.31 | 0.44 | 0.20 | 0.14 | 0.45 | 0.35 | 0.32 | 0.86 |
| Siwaliks Y0981 | MN11 | 7 | 0.27 | 0.43 | 0.86 | 0.64 | 0.91 | 0.93 | 0.96 | 0.42 | 0.95 | 0.76 | 0.93 | 0.83 | 0.44 | 0.65 | 0.86 | 0.83 | 0.98 | 0.40 | 0.22 |
| Siwaliks Y0445 | MN11 | 5 | 0.30 | 0.94 | 0.38 | 0.25 | 0.26 | 0.27 | 0.33 | 0.44 | 0.81 | 0.34 | 0.44 | 0.37 | 0.46 | 0.71 | 0.64 | 0.59 | 0.99 | 0.49 | 0.25 |
| Siwaliks Y0158 | MN11 | 9 | 0.19 | 0.39 | 0.77 | 0.14 | 0.80 | 0.17 | 0.21 | 0.38 | 0.23 | 0.23 | 0.40 | 0.27 | 0.41 | 0.79 | 0.11 | 0.08 | 0.96 | 0.05 | 0.45 |
| Siwaliks Y0891 | MN11 | 6 | 0.27 | 0.43 | 0.37 | 0.21 | 0.23 | 0.25 | 0.30 | 0.41 | 0.30 | 0.29 | 0.43 | 0.33 | 0.44 | 0.22 | 0.17 | 0.15 | 0.86 | 0.11 | 0.20 |
| Siwaliks Y0388 | MN11 | 5 | 0.30 | 0.44 | 0.88 | 0.68 | 0.69 | 0.74 | 0.78 | 0.44 | 0.78 | 0.79 | 0.94 | 0.85 | 0.44 | 0.67 | 0.61 | 0.59 | 0.88 | 0.13 | 0.25 |
| Udabno I | MN11 | 11 | 0.16 | 0.88 | 0.75 | 0.10 | 0.73 | 0.48 | 0.57 | 0.36 | 0.60 | 0.57 | 0.39 | 0.24 | 0.90 | 0.74 | 0.61 | 0.26 | 0.95 | 0.16 | 0.38 |
| Siwaliks Y0166 | MN11 | 7 | 0.30 | 0.45 | 0.87 | 0.69 | 0.70 | 0.74 | 0.78 | 0.42 | 0.78 | 0.80 | 0.94 | 0.85 | 0.45 | 0.69 | 0.62 | 0.58 | 0.99 | 0.14 | 0.24 |
| Siwaliks Y0609 | MN11 | 5 | 0.30 | 0.44 | 0.86 | 0.69 | 0.71 | 0.72 | 0.78 | 0.42 | 0.78 | 0.78 | 0.95 | 0.83 | 0.46 | 0.69 | 0.64 | 0.57 | 0.99 | 0.13 | 0.67 |
| Siwaliks Y0980 | MN11 | 10 | 0.22 | 0.42 | 0.80 | 0.52 | 0.85 | 0.87 | 0.92 | 0.39 | 0.94 | 0.71 | 0.89 | 0.73 | 0.42 | 0.54 | 0.77 | 0.72 | 0.81 | 0.57 | 0.14 |
| Novaja Emetovka | MN11 | 19 | 0.08 | 0.80 | 0.60 | 0.05 | 0.49 | 0.06 | 0.10 | 0.29 | 0.40 | 0.41 | 0.32 | 0.17 | 0.83 | 0.72 | 0.13 | 0.09 | 0.88 | 0.03 | 0.19 |
| Siwaliks Y0406 | MN11 | 8 | 0.23 | 0.41 | 0.81 | 0.51 | 0.84 | 0.89 | 0.93 | 0.39 | 0.93 | 0.68 | 0.91 | 0.76 | 0.43 | 0.54 | 0.77 | 0.72 | 0.80 | 0.57 | 0.15 |
| Siwaliks Y0193 | MN10 | 7 | 0.24 | 0.42 | 0.84 | 0.58 | 0.59 | 0.64 | 0.69 | 0.41 | 0.72 | 0.73 | 0.92 | 0.79 | 0.42 | 0.58 | 0.51 | 0.44 | 0.98 | 0.09 | 0.18 |
| Siwaliks Y0196 | MN10 | 10 | 0.20 | 0.39 | 0.80 | 0.15 | 0.50 | 0.18 | 0.22 | 0.38 | 0.23 | 0.23 | 0.40 | 0.27 | 0.41 | 0.48 | 0.10 | 0.36 | 0.97 | 0.24 | 0.46 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arkneti | MN10 | 5 | 0.30 | 0.44 | 0.88 | 0.25 | 0.70 | 0.29 | 0.32 | 0.44 | 0.32 | 0.81 | 0.44 | 0.35 | 0.45 | 0.69 | 0.22 | 0.19 | 0.87 | 0.14 | 0.66 |
| Siwaliks Y0324 | MN10 | 6 | 0.28 | 0.43 | 0.84 | 0.63 | 0.64 | 0.69 | 0.74 | 0.43 | 0.75 | 0.75 | 0.94 | 0.83 | 0.44 | 0.65 | 0.56 | 0.54 | 1.00 | 0.11 | 0.61 |
| Udabno II | MN10 | 6 | 0.30 | 0.93 | 0.37 | 0.22 | 0.23 | 0.24 | 0.28 | 0.43 | 0.77 | 0.30 | 0.42 | 0.34 | 0.44 | 0.62 | 0.54 | 0.51 | 0.86 | 0.39 | 0.21 |
| Ravin de la Pluie (RP | MN10 | 20 | 0.09 | 0.32 | 0.21 | 0.04 | 0.53 | 0.07 | 0.10 | 0.28 | 0.11 | 0.72 | 0.33 | 0.17 | 0.84 | 0.22 | 0.02 | 0.11 | 0.19 | 0.04 | 0.47 |
| Sinap 49 | MN10 | 18 | 0.11 | 0.83 | 0.63 | 0.27 | 0.59 | 0.09 | 0.13 | 0.32 | 0.46 | 0.50 | 0.34 | 0.18 | 0.86 | 0.95 | 0.45 | 0.14 | 0.91 | 0.07 | 0.52 |
| Akcakoy (1-6) | MN10 | 15 | 0.10 | 0.35 | 0.24 | 0.06 | 0.29 | 0.08 | 0.44 | 0.33 | 0.14 | 0.94 | 0.33 | 0.56 | 0.85 | 0.58 | 0.04 | 0.94 | 0.99 | 0.67 | 1.00 |
| Butwal | MN10 | 5 | 0.30 | 0.44 | 0.38 | 0.24 | 0.26 | 0.29 | 0.32 | 0.44 | 0.33 | 0.34 | 0.44 | 0.35 | 0.45 | 0.69 | 0.23 | 0.57 | 0.89 | 0.14 | 0.26 |
| Haritalyangar | MN10 | 7 | 0.25 | 0.41 | 0.83 | 0.58 | 0.59 | 0.64 | 0.72 | 0.40 | 0.73 | 0.73 | 0.91 | 0.77 | 0.43 | 0.57 | 0.52 | 0.46 | 0.98 | 0.34 | 0.18 |
| Karabulak svita | MN10 | 18 | 0.11 | 0.33 | 0.65 | 0.05 | 0.28 | 0.09 | 0.11 | 0.31 | 0.12 | 0.74 | 0.33 | 0.18 | 0.85 | 0.25 | 0.03 | 0.11 | 0.64 | 0.01 | 0.23 |
| Ngeringerowa 1/10( | MN10 | 7 | 0.24 | 0.92 | 0.83 | 0.57 | 0.88 | 0.65 | 0.71 | 0.39 | 0.94 | 0.72 | 0.92 | 0.78 | 0.44 | 1.00 | 0.96 | 0.77 | 0.98 | 0.35 | 0.18 |
| Ngorora 12 | MN10 | 6 | 0.29 | 0.43 | 0.38 | 0.22 | 0.91 | 0.24 | 0.28 | 0.42 | 0.30 | 0.29 | 0.43 | 0.34 | 0.44 | 0.99 | 0.55 | 0.16 | 0.36 | 0.10 | 0.21 |
| Piram Island | MN10 | 5 | 0.30 | 0.44 | 0.39 | 0.25 | 0.26 | 0.28 | 0.32 | 0.44 | 0.33 | 0.33 | 0.44 | 0.36 | 0.45 | 0.26 | 0.23 | 0.20 | 0.38 | 0.13 | 0.23 |
| Siwaliks Y0182 | MN10 | 28 | 0.05 | 0.76 | 0.84 | 0.14 | 0.67 | 0.45 | 0.83 | 0.27 | 0.84 | 0.32 | 0.75 | 0.42 | 0.32 | 0.60 | 0.45 | 0.77 | 1.00 | 0.15 | 0.32 |
| Siwaliks Y0243 | MN10 | 10 | 0.17 | 0.89 | 0.29 | 0.13 | 0.14 | 0.16 | 0.20 | 0.37 | 0.60 | 0.21 | 0.38 | 0.25 | 0.41 | 0.46 | 0.36 | 0.60 | 0.95 | 0.70 | 0.73 |
| Siwaliks Y0317 | MN10 | 19 | 0.09 | 0.32 | 0.87 | 0.22 | 0.78 | 0.57 | 0.72 | 0.31 | 0.73 | 0.41 | 0.82 | 0.53 | 0.34 | 0.52 | 0.38 | 0.53 | 0.98 | 0.15 | 0.20 |
| Siwaliks Y0327 | MN10 | 8 | 0.23 | 0.41 | 0.81 | 0.53 | 0.57 | 0.60 | 0.92 | 0.39 | 0.69 | 0.69 | 0.89 | 0.76 | 0.43 | 0.53 | 0.44 | 0.38 | 0.81 | 0.06 | 0.15 |
| Siwaliks Y0260 | MN10 | 13 | 0.14 | 0.37 | 0.68 | 0.64 | 0.36 | 0.42 | 0.51 | 0.33 | 0.52 | 0.53 | 0.84 | 0.60 | 0.40 | 0.66 | 0.54 | 0.19 | 0.93 | 0.02 | 0.08 |
| Siwaliks Y0239 | MN10 | 5 | 0.32 | 0.44 | 0.88 | 0.69 | 0.69 | 0.74 | 0.79 | 0.44 | 0.80 | 0.79 | 0.94 | 0.83 | 0.46 | 0.71 | 0.62 | 0.58 | 0.99 | 0.14 | 0.25 |
| Siwaliks Y0191 | MN10 | 8 | 0.22 | 0.40 | 0.33 | 0.16 | 0.57 | 0.20 | 0.24 | 0.39 | 0.24 | 0.23 | 0.42 | 0.30 | 0.42 | 0.54 | 0.13 | 0.09 | 0.82 | 0.06 | 0.16 |
| Siwaliks Y0211 | MN10 | 18 | 0.09 | 0.79 | 0.89 | 0.49 | 0.52 | 0.29 | 0.42 | 0.30 | 0.73 | 0.43 | 0.81 | 0.53 | 0.35 | 0.91 | 0.63 | 0.30 | 1.00 | 0.05 | 0.04 |
| Siwaliks Y0240 | MN10 | 6 | 0.29 | 0.43 | 0.85 | 0.63 | 0.66 | 0.70 | 0.72 | 0.41 | 0.76 | 0.78 | 0.92 | 0.81 | 0.44 | 0.64 | 0.56 | 0.83 | 0.98 | 0.38 | 0.89 |
| Siwaliks Y0314 | MN10 | 15 | 0.44 | 0.36 | 0.92 | 0.27 | 0.63 | 0.38 | 0.46 | 0.34 | 0.49 | 0.51 | 0.83 | 0.61 | 0.37 | 0.60 | 0.20 | 0.65 | 0.99 | 0.49 | 0.58 |
| Biru-Bulong | MN10 | 7 | 0.24 | 0.42 | 0.82 | 0.18 | 0.88 | 0.23 | 0.70 | 0.41 | 0.26 | 0.28 | 0.42 | 0.31 | 0.43 | 0.60 | 0.16 | 0.13 | 0.98 | 0.07 | 0.56 |
| Botamojnak | MN10 | 11 | 0.16 | 0.38 | 0.74 | 0.11 | 0.45 | 0.13 | 0.86 | 0.36 | 0.20 | 0.85 | 0.39 | 0.67 | 0.40 | 0.39 | 0.07 | 0.82 | 0.73 | 0.38 | 0.70 |
| Can Purull | MN10 | 23 | 0.05 | 0.75 | 0.50 | 0.02 | 0.35 | 0.19 | 0.79 | 0.25 | 0.29 | 0.58 | 0.28 | 0.11 | 0.78 | 0.35 | 0.20 | 0.54 | 0.81 | 0.31 | 0.50 |
| Cerro de los Batallor | MN10 | 17 | 0.09 | 0.32 | 0.21 | 0.05 | 0.22 | 0.28 | 0.71 | 0.30 | 0.13 | 0.92 | 0.32 | 0.14 | 0.34 | 0.05 | 0.14 | 0.99 | 0.21 | 0.59 | 0.46 |
| Cerro de los Batallor | MN10 | 9 | 0.22 | 0.39 | 0.31 | 0.14 | 0.14 | 0.17 | 0.23 | 0.37 | 0.24 | 0.98 | 0.41 | 0.29 | 0.43 | 0.16 | 0.10 | 0.88 | 0.31 | 0.50 | 0.46 |
| Dreguyeni | MN10 | 6 | 0.27 | 0.43 | 0.84 | 0.21 | 0.66 | 0.26 | 0.74 | 0.43 | 0.29 | 0.31 | 0.43 | 0.33 | 0.45 | 0.63 | 0.17 | 0.51 | 0.85 | 0.11 | 0.23 |
| Eldari I | MN10 | 22 | 0.06 | 0.77 | 0.57 | 0.03 | 0.70 | 0.20 | 0.32 | 0.27 | 0.36 | 0.35 | 0.31 | 0.14 | 0.80 | 0.67 | 0.26 | 0.06 | 0.97 | 0.02 | 0.62 |
| Fugu-Laogaochuan-l | MN10 | 19 | 0.12 | 0.35 | 0.66 | 0.07 | 0.29 | 0.10 | 0.14 | 0.32 | 0.15 | 0.46 | 0.33 | 0.19 | 0.84 | 0.26 | 0.04 | 0.14 | 0.67 | 0.01 | 0.56 |
| Fugu-Laogaochuan-\ | MN10 | 10 | 0.19 | 0.39 | 0.76 | 0.13 | 0.48 | 0.15 | 0.20 | 0.36 | 0.62 | 0.22 | 0.39 | 0.27 | 0.40 | 0.43 | 0.09 | 0.07 | 0.75 | 0.19 | 0.75 |
| Grebeniki | MN10 | 25 | 0.05 | 0.74 | 0.53 | 0.14 | 0.62 | 0.19 | 0.28 | 0.25 | 0.32 | 0.30 | 0.29 | 0.12 | 0.80 | 0.61 | 0.43 | 0.04 | 0.83 | 0.01 | 0.31 |
| Grossulovo | MN10 | 8 | 0.24 | 0.41 | 0.83 | 0.18 | 0.60 | 0.23 | 0.26 | 0.41 | 0.28 | 0.27 | 0.43 | 0.31 | 0.43 | 0.59 | 0.16 | 0.13 | 0.82 | 0.08 | 0.18 |
| Guanghe-houshanc | MN10 | 16 | 0.10 | 0.33 | 0.63 | 0.05 | 0.26 | 0.07 | 0.12 | 0.31 | 0.13 | 0.13 | 0.33 | 0.17 | 0.36 | 0.25 | 0.03 | 0.02 | 0.63 | 0.01 | 0.22 |
| Guanghe-sigou | MN10 | 10 | 0.17 | 0.38 | 0.30 | 0.12 | 0.14 | 0.16 | 0.20 | 0.36 | 0.21 | 0.21 | 0.39 | 0.26 | 0.41 | 0.13 | 0.09 | 0.07 | 0.30 | 0.04 | 0.41 |
| Hezheng-Dashengo | MN10 | 37 | 0.02 | 0.22 | 0.41 | 0.01 | 0.07 | 0.02 | 0.18 | 0.21 | 0.04 | 0.44 | 0.23 | 0.07 | 0.73 | 0.05 | 0.00 | 0.00 | 0.39 | 0.00 | 0.59 |
| La Cantera | MN10 | 6 | 0.28 | 0.43 | 0.36 | 0.22 | 0.22 | 0.23 | 0.74 | 0.41 | 0.28 | 0.76 | 0.43 | 0.34 | 0.45 | 0.21 | 0.17 | 0.96 | 0.37 | 0.11 | 0.60 |
| La Roma 2 | MN10 | 12 | 0.16 | 0.39 | 0.28 | 0.10 | 0.37 | 0.44 | 0.83 | 0.33 | 0.17 | 0.57 | 0.38 | 0.22 | 0.39 | 0.10 | 0.28 | 0.49 | 0.26 | 0.11 | 0.34 |
| Magway | MN10 | 9 | 0.20 | 0.41 | 0.33 | 0.14 | 0.16 | 0.18 | 0.22 | 0.38 | 0.24 | 0.24 | 0.39 | 0.28 | 0.43 | 0.15 | 0.11 | 0.08 | 0.79 | 0.05 | 0.13 |
| Mas?a del Barbo 2B | MN10 | 7 | 0.24 | 0.41 | 0.34 | 0.19 | 0.61 | 0.64 | 0.94 | 0.40 | 0.28 | 0.27 | 0.42 | 0.33 | 0.43 | 0.20 | 0.49 | 0.44 | 0.35 | 0.09 | 0.19 |
| Montredon | MN10 | 17 | 0.10 | 0.81 | 0.21 | 0.05 | 0.57 | 0.32 | 0.74 | 0.31 | 0.44 | 0.77 | 0.31 | 0.18 | 0.37 | 0.25 | 0.40 | 0.79 | 0.63 | 0.36 | 0.48 |
| Nikiti 1 (NKT) | MN10 | 12 | 0.15 | 0.39 | 0.75 | 0.10 | 0.43 | 0.14 | 0.18 | 0.36 | 0.19 | 0.57 | 0.37 | 0.23 | 0.89 | 0.42 | 0.06 | 0.06 | 0.75 | 0.03 | 0.36 |
| Poksheshty | MN10 | 14 | 0.12 | 0.35 | 0.69 | 0.08 | 0.66 | 0.08 | 0.13 | 0.34 | 0.15 | 0.51 | 0.35 | 0.18 | 0.87 | 0.28 | 0.04 | 0.41 | 0.68 | 0.08 | 0.83 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ravin des Zouaves 1 | MN10 | 8 | 0.22 | 0.41 | 0.33 | 0.15 | 0.53 | 0.19 | 0.23 | 0.39 | 0.25 | 0.26 | 0.41 | 0.31 | 0.42 | 0.54 | 0.13 | 0.09 | 0.35 | 0.06 | 0.16 |
| Respopeny | MN10 | 9 | 0.24 | 0.91 | 0.81 | 0.17 | 0.56 | 0.19 | 0.23 | 0.40 | 0.70 | 0.69 | 0.41 | 0.30 | 0.93 | 0.84 | 0.45 | 0.38 | 0.98 | 0.27 | 0.52 |
| Samburu Hills (Nam | MN10 | 16 | 0.10 | 0.82 | 0.62 | 0.06 | 0.55 | 0.07 | 0.11 | 0.31 | 0.76 | 0.45 | 0.33 | 0.17 | 0.85 | 0.98 | 0.66 | 0.34 | 0.90 | 0.05 | 0.23 |
| Schernham b. Haag | MN10 | 5 | 0.30 | 0.43 | 0.38 | 0.24 | 0.25 | 0.29 | 0.80 | 0.42 | 0.32 | 0.33 | 0.43 | 0.35 | 0.45 | 0.25 | 0.19 | 0.60 | 0.38 | 0.14 | 0.24 |
| Soblay | MN10 | 10 | 0.19 | 0.39 | 0.30 | 0.13 | 0.13 | 0.16 | 0.59 | 0.37 | 0.20 | 0.21 | 0.39 | 0.26 | 0.41 | 0.13 | 0.09 | 0.84 | 0.76 | 0.19 | 0.72 |
| Terrassa | MN10 | 23 | 0.05 | 0.75 | 0.50 | 0.11 | 0.34 | 0.42 | 0.81 | 0.26 | 0.57 | 0.81 | 0.73 | 0.40 | 0.32 | 0.32 | 0.40 | 0.95 | 0.82 | 0.69 | 0.53 |
| Tiraspol (Kolkotova I | MN10 | 5 | 0.31 | 0.44 | 0.39 | 0.66 | 0.93 | 0.72 | 0.79 | 0.43 | 0.33 | 0.32 | 0.44 | 0.37 | 0.46 | 0.94 | 0.89 | 0.19 | 0.40 | 0.14 | 0.24 |
| Yulafli (CY) | MN10 | 12 | 0.15 | 0.85 | 0.72 | 0.33 | 0.89 | 0.75 | 0.85 | 0.35 | 0.85 | 0.56 | 0.85 | 0.66 | 0.39 | 0.90 | 0.82 | 0.51 | 0.94 | 0.12 | 0.36 |
| Siwaliks Y0310 | MN10 | 20 | 0.07 | 0.32 | 0.86 | 0.17 | 0.46 | 0.24 | 0.65 | 0.28 | 0.37 | 0.35 | 0.76 | 0.48 | 0.33 | 0.44 | 0.11 | 0.45 | 1.00 | 0.02 | 0.16 |
| Siwaliks Y0212 | MN10 | 8 | 0.22 | 0.41 | 0.81 | 0.50 | 0.55 | 0.58 | 0.67 | 0.39 | 0.68 | 0.69 | 0.89 | 0.76 | 0.42 | 0.55 | 0.42 | 0.69 | 1.00 | 0.27 | 0.83 |
| Siwaliks Y0207 | MN10 | 6 | 0.27 | 0.43 | 0.85 | 0.64 | 0.65 | 0.69 | 0.73 | 0.43 | 0.75 | 0.75 | 0.93 | 0.81 | 0.44 | 0.64 | 0.58 | 0.51 | 0.85 | 0.10 | 0.21 |
| Siwaliks Y0221 | MN10 | 11 | 0.17 | 0.39 | 0.95 | 0.44 | 0.78 | 0.48 | 0.58 | 0.37 | 0.61 | 0.60 | 0.88 | 0.69 | 0.41 | 0.77 | 0.36 | 0.31 | 1.00 | 0.04 | 0.12 |
| Siwaliks Y0226 | MN10 | 7 | 0.24 | 0.42 | 0.82 | 0.57 | 0.59 | 0.61 | 0.71 | 0.40 | 0.73 | 0.71 | 0.92 | 0.78 | 0.44 | 0.57 | 0.49 | 0.77 | 0.83 | 0.35 | 0.55 |
| Siwaliks Y0315 | MN10 | 6 | 0.28 | 0.43 | 0.86 | 0.22 | 0.66 | 0.25 | 0.29 | 0.41 | 0.30 | 0.30 | 0.43 | 0.34 | 0.44 | 0.64 | 0.19 | 0.52 | 0.98 | 0.39 | 0.90 |
| Siwaliks Y0359 | MN10 | 5 | 0.31 | 0.44 | 0.39 | 0.26 | 0.25 | 0.28 | 0.32 | 0.43 | 0.33 | 0.31 | 0.45 | 0.36 | 0.45 | 0.25 | 0.21 | 0.18 | 0.40 | 0.13 | 0.25 |
| Siwaliks Y0328 | MN10 | 8 | 0.22 | 0.41 | 0.34 | 0.17 | 0.54 | 0.19 | 0.24 | 0.39 | 0.25 | 0.26 | 0.41 | 0.30 | 0.43 | 0.52 | 0.12 | 0.38 | 0.80 | 0.27 | 0.52 |
| La Tarumba I | MN10 | 14 | 0.14 | 0.85 | 0.27 | 0.09 | 0.37 | 0.40 | 0.80 | 0.34 | 0.53 | 0.49 | 0.36 | 0.22 | 0.39 | 0.34 | 0.52 | 0.74 | 0.71 | 0.28 | 0.29 |
| Siwaliks Y0312 | MN10 | 8 | 0.22 | 0.40 | 0.82 | 0.54 | 0.55 | 0.60 | 0.67 | 0.39 | 0.69 | 0.69 | 0.90 | 0.77 | 0.42 | 0.54 | 0.44 | 0.71 | 0.97 | 0.24 | 0.51 |
| Siwaliks Y0224 | MN10 | 8 | 0.25 | 0.42 | 0.98 | 0.58 | 0.87 | 0.63 | 0.71 | 0.40 | 0.73 | 0.72 | 0.92 | 0.78 | 0.44 | 0.85 | 0.50 | 0.47 | 1.00 | 0.09 | 0.18 |
| Siwaliks Y0225 | MN10 | 8 | 0.22 | 0.42 | 0.81 | 0.50 | 0.59 | 0.61 | 0.65 | 0.39 | 0.68 | 0.69 | 0.90 | 0.75 | 0.42 | 0.54 | 0.45 | 0.38 | 0.81 | 0.07 | 0.16 |
| Siwaliks Y0227 | MN10 | 20 | 0.07 | 0.31 | 0.86 | 0.17 | 0.46 | 0.26 | 0.33 | 0.28 | 0.38 | 0.38 | 0.77 | 0.46 | 0.33 | 0.43 | 0.12 | 0.23 | 1.00 | 0.03 | 0.40 |
| Siwaliks Y0309 | MN10 | 14 | 0.13 | 0.36 | 0.68 | 0.31 | 0.36 | 0.41 | 0.47 | 0.33 | 0.53 | 0.53 | 0.84 | 0.62 | 0.37 | 0.33 | 0.25 | 0.45 | 0.99 | 0.09 | 0.62 |
| Siwaliks Y0161 | MN10 | 5 | 0.31 | 0.44 | 0.89 | 0.68 | 0.94 | 0.95 | 0.97 | 0.42 | 0.97 | 0.79 | 0.94 | 0.87 | 0.46 | 0.69 | 0.89 | 0.87 | 0.88 | 0.47 | 0.25 |
| Siwaliks Y0160 | MN10 | 6 | 0.28 | 0.92 | 0.86 | 0.62 | 0.64 | 0.69 | 0.75 | 0.42 | 0.96 | 0.76 | 0.93 | 0.81 | 0.44 | 0.91 | 0.85 | 0.96 | 0.98 | 0.71 | 0.61 |
| Siwaliks Y0269 | MN10 | 15 | 0.12 | 0.35 | 0.68 | 0.28 | 0.33 | 0.39 | 0.48 | 0.31 | 0.50 | 0.49 | 0.82 | 0.60 | 0.39 | 0.31 | 0.21 | 0.17 | 0.91 | 0.01 | 0.07 |
| Siwaliks Y0350 | MN10 | 13 | 0.15 | 0.37 | 0.73 | 0.35 | 0.72 | 0.78 | 0.81 | 0.34 | 0.85 | 0.53 | 0.85 | 0.65 | 0.39 | 0.37 | 0.57 | 0.49 | 1.00 | 0.12 | 0.36 |
| Siwaliks Y0270 | MN10 | 6 | 0.33 | 0.45 | 0.91 | 0.76 | 0.76 | 0.79 | 0.84 | 0.44 | 0.83 | 0.84 | 0.95 | 0.89 | 0.47 | 0.74 | 0.69 | 0.64 | 0.90 | 0.19 | 0.27 |
| Xirochori 1 (XIR) | MN10 | 10 | 0.19 | 0.38 | 0.29 | 0.13 | 0.44 | 0.16 | 0.20 | 0.37 | 0.21 | 0.62 | 0.38 | 0.26 | 0.41 | 0.43 | 0.09 | 0.29 | 0.30 | 0.18 | 0.12 |
| Siwaliks Y0262 | MN10 | 12 | 0.15 | 0.39 | 0.74 | 0.36 | 0.93 | 0.80 | 0.84 | 0.36 | 0.87 | 0.59 | 0.88 | 0.65 | 0.40 | 0.74 | 0.61 | 0.55 | 1.00 | 0.15 | 0.36 |
| Siwaliks Y0216 | MN10 | 5 | 0.31 | 0.44 | 0.87 | 0.69 | 0.70 | 0.74 | 0.79 | 0.43 | 0.80 | 0.80 | 0.94 | 0.85 | 0.45 | 0.69 | 0.63 | 0.57 | 0.88 | 0.13 | 0.24 |
| Can Llobateres I | MN10 | 50 | 0.04 | 0.53 | 0.23 | 0.01 | 0.16 | 0.08 | 0.39 | 0.12 | 0.21 | 0.85 | 0.53 | 0.62 | 0.90 | 0.26 | 0.05 | 0.99 | 0.94 | 1.00 | 0.77 |
| Natlismtsemeli I | MN10 | 5 | 0.30 | 0.44 | 0.88 | 0.27 | 0.70 | 0.28 | 0.33 | 0.43 | 0.33 | 0.32 | 0.43 | 0.36 | 0.46 | 0.69 | 0.21 | 0.19 | 0.89 | 0.14 | 0.25 |
| Oshin-I-5 upper | MN10 | 8 | 0.28 | 0.43 | 0.85 | 0.23 | 0.63 | 0.25 | 0.29 | 0.41 | 0.75 | 0.77 | 0.44 | 0.34 | 0.94 | 0.64 | 0.18 | 0.49 | 0.86 | 0.40 | 0.98 |
| Siwaliks Y0236 | MN10 | 5 | 0.30 | 0.44 | 0.39 | 0.24 | 0.25 | 0.27 | 0.31 | 0.43 | 0.32 | 0.32 | 0.44 | 0.36 | 0.46 | 0.24 | 0.20 | 0.58 | 0.87 | 0.48 | 0.68 |
| Sinap 12 | MN10 | 21 | 0.07 | 0.31 | 0.59 | 0.17 | 0.46 | 0.05 | 0.10 | 0.29 | 0.11 | 0.71 | 0.31 | 0.16 | 0.82 | 0.69 | 0.12 | 0.24 | 0.58 | 0.12 | 0.39 |
| Siwaliks Y0261 | MN10 | 8 | 0.25 | 0.42 | 0.82 | 0.56 | 0.59 | 0.65 | 0.71 | 0.41 | 0.72 | 0.74 | 0.92 | 0.79 | 0.43 | 0.58 | 0.49 | 0.46 | 0.98 | 0.08 | 0.18 |
| Siwaliks Y0329 | MN10 | 7 | 0.25 | 0.91 | 0.35 | 0.19 | 0.19 | 0.21 | 0.26 | 0.40 | 0.72 | 0.26 | 0.41 | 0.31 | 0.43 | 0.59 | 0.51 | 0.77 | 0.84 | 0.66 | 0.54 |
| Siwaliks Y0330 | MN10 | 8 | 0.22 | 0.41 | 0.82 | 0.16 | 0.97 | 0.59 | 0.68 | 0.39 | 0.67 | 0.24 | 0.41 | 0.31 | 0.43 | 0.83 | 0.45 | 0.41 | 0.97 | 0.28 | 0.16 |
| Siwaliks Y0578 | MN10 | 9 | 0.23 | 0.89 | 0.97 | 0.51 | 0.84 | 0.58 | 0.67 | 0.42 | 0.92 | 0.70 | 0.90 | 0.76 | 0.43 | 0.97 | 0.76 | 0.70 | 1.00 | 0.28 | 0.17 |
| Siwaliks Y0337 | MN10 | 11 | 0.16 | 0.37 | 0.74 | 0.10 | 0.92 | 0.46 | 0.56 | 0.36 | 0.20 | 0.20 | 0.38 | 0.24 | 0.40 | 0.72 | 0.32 | 0.07 | 0.95 | 0.03 | 0.38 |
| Akin | MN10 | 7 | 0.23 | 0.42 | 0.83 | 0.18 | 0.88 | 0.23 | 0.27 | 0.40 | 0.27 | 0.71 | 0.41 | 0.31 | 0.93 | 0.88 | 0.15 | 0.13 | 0.84 | 0.08 | 0.57 |
| Salmendingen | MN10 | 5 | 0.32 | 0.46 | 0.41 | 0.29 | 0.29 | 0.31 | 0.35 | 0.44 | 0.37 | 0.35 | 0.45 | 0.38 | 0.47 | 0.29 | 0.25 | 0.65 | 0.41 | 0.98 | 0.74 |
| Sinap 8B | MN10 | 6 | 0.31 | 0.44 | 0.37 | 0.26 | 0.27 | 0.28 | 0.30 | 0.42 | 0.33 | 0.80 | 0.43 | 0.38 | 0.95 | 0.25 | 0.21 | 0.18 | 0.39 | 0.14 | 0.66 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Siwaliks Y0285 | MN10 | 5 | 0.29 | 0.44 | 0.88 | 0.23 | 0.70 | 0.28 | 0.32 | 0.43 | 0.33 | 0.32 | 0.44 | 0.36 | 0.45 | 0.72 | 0.20 | 0.18 | 0.99 | 0.13 | 0.25 |
| Nakali | MN10 | 15 | 0.11 | 0.84 | 0.67 | 0.07 | 0.60 | 0.10 | 0.14 | 0.32 | 0.48 | 0.46 | 0.35 | 0.20 | 0.85 | 0.93 | 0.46 | 0.36 | 0.92 | 0.21 | 0.53 |
| Ngorora | MN10 | 14 | 0.12 | 0.98 | 0.68 | 0.07 | 0.96 | 0.90 | 0.77 | 0.32 | 0.95 | 0.50 | 0.84 | 0.59 | 0.86 | 0.60 | 0.90 | 0.87 | 0.66 | 0.74 | 0.58 |
| Rudab?nya | MN9 | 34 | 0.03 | 0.66 | 0.42 | 0.06 | 0.24 | 0.29 | 0.70 | 0.22 | 0.47 | 0.97 | 0.66 | 0.95 | 0.30 | 0.19 | 0.25 | 0.98 | 0.91 | 0.98 | 0.36 |
| Siwaliks Y0251 | MN9 | 13 | 0.13 | 0.85 | 0.92 | 0.31 | 0.88 | 0.73 | 0.81 | 0.34 | 0.95 | 0.53 | 0.84 | 0.61 | 0.38 | 0.86 | 0.77 | 0.88 | 1.00 | 0.57 | 0.30 |
| Siwaliks Y0311 | MN9 | 41 | 0.02 | 0.63 | 0.89 | 0.11 | 0.56 | 0.19 | 0.33 | 0.18 | 0.83 | 0.14 | 0.62 | 0.25 | 0.70 | 0.71 | 0.71 | 0.20 | 1.00 | 0.27 | 0.10 |
| Siwaliks Y0596 | MN9 | 6 | 0.30 | 0.45 | 0.39 | 0.25 | 0.70 | 0.72 | 0.79 | 0.43 | 0.80 | 0.34 | 0.43 | 0.37 | 0.46 | 0.26 | 0.64 | 0.59 | 0.88 | 0.82 | 0.67 |
| Siwaliks Y0258 | MN9 | 12 | 0.18 | 0.39 | 0.95 | 0.76 | 0.77 | 0.50 | 0.58 | 0.36 | 0.62 | 0.61 | 0.89 | 0.71 | 0.41 | 0.99 | 0.63 | 0.83 | 1.00 | 0.18 | 0.41 |
| Damiao 02 | MN9 | 6 | 0.27 | 0.42 | 0.38 | 0.22 | 0.22 | 0.24 | 0.28 | 0.42 | 0.29 | 1.00 | 0.42 | 0.33 | 0.44 | 0.22 | 0.17 | 0.96 | 0.37 | 0.43 | 1.00 |
| Lantian-Shuijiazui | MN9 | 10 | 0.21 | 0.39 | 0.80 | 0.14 | 0.82 | 0.56 | 0.64 | 0.38 | 0.67 | 0.66 | 0.40 | 0.28 | 0.91 | 0.50 | 0.39 | 0.33 | 0.78 | 0.20 | 0.46 |
| Lantian-shuijiazui-L1 | MN9 | 8 | 0.25 | 0.41 | 0.34 | 0.19 | 0.61 | 0.63 | 0.71 | 0.40 | 0.74 | 0.72 | 0.41 | 0.33 | 0.93 | 0.19 | 0.52 | 0.45 | 0.36 | 0.35 | 0.56 |
| Lantian-shuijiazui-L4 | MN9 | 5 | 0.29 | 0.45 | 0.39 | 0.26 | 0.27 | 0.28 | 0.31 | 0.43 | 0.34 | 0.80 | 0.45 | 0.35 | 0.95 | 0.25 | 0.22 | 0.19 | 0.38 | 0.13 | 0.68 |
| Lantian-shuijiazui-s4 | MN9 | 5 | 0.30 | 0.44 | 0.87 | 0.25 | 0.71 | 0.28 | 0.32 | 0.43 | 0.33 | 0.78 | 0.44 | 0.36 | 0.97 | 0.69 | 0.20 | 0.20 | 0.88 | 0.13 | 0.67 |
| Middle Sinap | MN9 | 16 | 0.10 | 0.33 | 0.63 | 0.06 | 0.26 | 0.08 | 0.43 | 0.30 | 0.12 | 0.92 | 0.34 | 0.16 | 0.84 | 0.26 | 0.03 | 0.81 | 0.63 | 0.62 | 0.77 |
| Monteagudo (Valles | MN9 | 6 | 0.27 | 0.44 | 0.87 | 0.22 | 0.64 | 0.26 | 0.29 | 0.40 | 0.29 | 0.29 | 0.43 | 0.33 | 0.45 | 0.64 | 0.18 | 0.15 | 0.86 | 0.11 | 0.21 |
| Pentalophos 1 (PNT) | MN9 | 18 | 0.08 | 0.31 | 0.61 | 0.20 | 0.50 | 0.06 | 0.11 | 0.28 | 0.10 | 0.72 | 0.31 | 0.15 | 0.82 | 0.73 | 0.12 | 0.08 | 0.60 | 0.03 | 0.43 |
| Semeg | MN9 | 5 | 0.28 | 0.44 | 0.39 | 0.25 | 0.27 | 0.28 | 0.80 | 0.43 | 0.32 | 0.81 | 0.44 | 0.37 | 0.45 | 0.26 | 0.21 | 0.60 | 0.39 | 0.48 | 0.24 |
| Sant Miquel de Tauc | MN9 | 17 | 0.09 | 0.79 | 0.66 | 0.05 | 0.55 | 0.33 | 0.74 | 0.31 | 0.45 | 0.73 | 0.33 | 0.17 | 0.85 | 0.78 | 0.41 | 0.78 | 0.98 | 0.38 | 0.91 |
| Siwaliks Y0450 | MN9 | 19 | 0.11 | 0.83 | 0.90 | 0.24 | 0.61 | 0.35 | 0.45 | 0.30 | 0.79 | 0.49 | 0.82 | 0.57 | 0.36 | 0.83 | 0.45 | 0.36 | 1.00 | 0.20 | 0.24 |
| Siwaliks L0094 | MN9 | 6 | 0.28 | 0.43 | 0.86 | 0.64 | 0.65 | 0.68 | 0.75 | 0.42 | 0.75 | 0.76 | 0.92 | 0.81 | 0.44 | 0.62 | 0.57 | 0.85 | 0.99 | 0.40 | 0.61 |
| Siwaliks Y0728 | MN9 | 5 | 0.34 | 0.46 | 0.91 | 0.75 | 0.96 | 0.97 | 0.98 | 0.44 | 0.98 | 0.84 | 0.95 | 0.86 | 0.46 | 0.76 | 0.94 | 0.92 | 0.90 | 0.58 | 0.28 |
| Siwaliks Y0572 | MN9 | 5 | 0.30 | 0.44 | 0.88 | 0.68 | 0.70 | 0.73 | 0.79 | 0.43 | 0.79 | 0.81 | 0.94 | 0.85 | 0.45 | 0.70 | 0.62 | 0.59 | 0.88 | 0.12 | 0.25 |
| Siwaliks Y0395 | MN9 | 8 | 0.22 | 0.89 | 0.81 | 0.52 | 0.53 | 0.58 | 0.68 | 0.39 | 0.93 | 0.66 | 0.91 | 0.77 | 0.42 | 0.96 | 0.78 | 0.91 | 1.00 | 0.59 | 0.46 |
| Sinap 108 | MN9 | 6 | 0.32 | 0.44 | 0.38 | 0.67 | 0.25 | 0.29 | 0.32 | 0.42 | 0.33 | 0.32 | 0.44 | 0.36 | 0.45 | 0.69 | 0.61 | 0.19 | 0.39 | 0.14 | 0.23 |
| Sinap 4 | MN9 | 6 | 0.27 | 0.43 | 0.36 | 0.22 | 0.24 | 0.24 | 0.29 | 0.41 | 0.31 | 0.75 | 0.42 | 0.33 | 0.94 | 0.23 | 0.19 | 0.16 | 0.38 | 0.40 | 0.63 |
| Sinap 72 | MN9 | 8 | 0.23 | 0.42 | 0.80 | 0.51 | 0.52 | 0.20 | 0.24 | 0.38 | 0.26 | 0.93 | 0.41 | 0.30 | 0.92 | 0.84 | 0.45 | 0.38 | 0.81 | 0.25 | 0.52 |
| Sinap 91 | MN9 | 7 | 0.24 | 0.42 | 0.35 | 0.19 | 0.20 | 0.23 | 0.27 | 0.40 | 0.28 | 0.71 | 0.42 | 0.33 | 0.93 | 0.19 | 0.14 | 0.13 | 0.35 | 0.08 | 0.57 |
| Sinap 94 | MN9 | 6 | 0.27 | 0.43 | 0.38 | 0.21 | 0.22 | 0.25 | 0.28 | 0.42 | 0.30 | 0.96 | 0.42 | 0.35 | 0.93 | 0.22 | 0.19 | 0.52 | 0.36 | 0.72 | 0.61 |
| Amuwusu | MN9 | 8 | 0.21 | 0.41 | 0.34 | 0.17 | 0.18 | 0.20 | 0.68 | 0.40 | 0.25 | 0.99 | 0.41 | 0.75 | 0.43 | 0.17 | 0.12 | 0.91 | 0.34 | 0.58 | 1.00 |
| Atavaska | MN9 | 9 | 0.19 | 0.40 | 0.31 | 0.12 | 0.51 | 0.56 | 0.90 | 0.38 | 0.24 | 0.23 | 0.40 | 0.74 | 0.42 | 0.16 | 0.39 | 0.08 | 0.31 | 0.52 | 0.13 |
| Atzelsdorf | MN9 | 18 | 0.08 | 0.78 | 0.59 | 0.19 | 0.91 | 0.82 | 0.98 | 0.29 | 0.98 | 0.97 | 0.79 | 0.95 | 0.35 | 0.74 | 0.81 | 1.00 | 0.97 | 0.99 | 0.99 |
| Ballestar | MN9 | 18 | 0.09 | 0.33 | 0.89 | 0.20 | 0.75 | 0.30 | 0.74 | 0.31 | 0.92 | 0.73 | 0.80 | 0.97 | 0.35 | 0.76 | 0.37 | 0.99 | 0.88 | 1.00 | 0.72 |
| Bou Hanifia | MN9 | 14 | 0.11 | 0.35 | 0.93 | 0.32 | 0.31 | 0.10 | 0.14 | 0.32 | 0.46 | 0.49 | 0.35 | 0.20 | 0.87 | 0.61 | 0.48 | 0.16 | 0.67 | 0.08 | 0.28 |
| Braila | MN9 | 5 | 0.30 | 0.44 | 0.39 | 0.27 | 0.26 | 0.28 | 0.33 | 0.43 | 0.33 | 0.32 | 0.44 | 0.36 | 0.45 | 0.26 | 0.20 | 0.17 | 0.39 | 0.14 | 0.25 |
| Buzhor 1 | MN9 | 19 | 0.07 | 0.30 | 0.19 | 0.03 | 0.20 | 0.26 | 0.97 | 0.29 | 0.09 | 0.37 | 0.31 | 0.49 | 0.35 | 0.04 | 0.11 | 0.71 | 0.19 | 0.70 | 0.17 |
| Buzhor 2 | MN9 | 5 | 0.32 | 0.45 | 0.38 | 0.25 | 0.28 | 0.28 | 0.79 | 0.43 | 0.33 | 0.32 | 0.44 | 0.85 | 0.45 | 0.25 | 0.21 | 0.18 | 0.39 | 0.80 | 0.68 |
| Can Poncic | MN9 | 21 | 0.28 | 0.29 | 0.17 | 0.03 | 0.18 | 0.21 | 0.31 | 0.25 | 0.08 | 0.33 | 0.30 | 0.75 | 0.33 | 0.15 | 0.08 | 0.91 | 0.53 | 1.00 | 0.79 |
| Can Ponsic I | MN9 | 31 | 0.14 | 0.67 | 0.73 | 0.05 | 0.20 | 0.29 | 0.66 | 0.20 | 0.70 | 0.87 | 0.67 | 0.95 | 0.73 | 0.39 | 0.43 | 1.00 | 0.90 | 1.00 | 0.89 |
| Charmoille | MN9 | 15 | 0.11 | 0.84 | 0.67 | 0.31 | 0.63 | 0.69 | 0.79 | 0.31 | 0.79 | 0.48 | 0.84 | 0.60 | 0.85 | 0.62 | 0.75 | 0.41 | 0.99 | 0.73 | 0.56 |
| Creu Conill 20 | MN9 | 6 | 0.28 | 0.43 | 0.37 | 0.21 | 0.24 | 0.25 | 0.29 | 0.40 | 0.29 | 0.30 | 0.42 | 0.33 | 0.44 | 0.63 | 0.18 | 0.53 | 0.85 | 0.73 | 0.61 |
| Dinotheriensande | MN9 | 5 | 0.30 | 1.00 | 0.99 | 0.25 | 1.00 | 0.96 | 0.97 | 0.93 | 0.97 | 0.32 | 0.44 | 0.83 | 0.45 | 0.94 | 0.64 | 0.88 | 0.86 | 0.80 | 0.68 |
| Doue-la-Fontaine | MN9 | 5 | 0.77 | 0.44 | 0.40 | 0.25 | 0.25 | 0.28 | 0.32 | 0.43 | 0.32 | 0.32 | 0.45 | 0.85 | 0.46 | 0.69 | 0.21 | 0.87 | 0.38 | 0.99 | 0.68 |
| EDAR8 | MN9 | 5 | 0.31 | 0.44 | 0.40 | 0.24 | 0.69 | 0.72 | 0.80 | 0.43 | 0.32 | 0.33 | 0.44 | 0.36 | 0.45 | 0.24 | 0.65 | 0.19 | 0.40 | 0.12 | 0.23 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Eppelsheim | MN9 | 29 | 0.13 | 0.93 | 0.98 | 0.05 | 0.84 | 0.77 | 0.96 | 0.61 | 0.97 | 0.47 | 0.67 | 0.60 | 0.72 | 0.65 | 0.67 | 0.86 | 0.99 | 0.95 | 0.58 |
| Esme Akcakoy | MN9 | 12 | 0.14 | 0.37 | 0.72 | 0.35 | 0.71 | 0.43 | 0.54 | 0.35 | 0.55 | 0.97 | 0.86 | 0.63 | 0.88 | 0.70 | 0.26 | 0.75 | 0.94 | 0.13 | 0.33 |
| Esselborn | MN9 | 11 | 0.18 | 0.87 | 0.78 | 0.11 | 0.92 | 0.53 | 0.87 | 0.86 | 0.88 | 0.63 | 0.39 | 0.94 | 0.40 | 0.92 | 0.35 | 0.95 | 0.96 | 0.98 | 0.92 |
| Estevar | MN9 | 9 | 0.20 | 0.90 | 0.32 | 0.15 | 0.16 | 0.18 | 0.22 | 0.38 | 0.63 | 0.65 | 0.40 | 0.27 | 0.42 | 0.51 | 0.40 | 0.89 | 0.79 | 0.79 | 0.12 |
| Esvres - Upper Falun | MN9 | 6 | 0.27 | 0.93 | 0.37 | 0.21 | 0.91 | 0.25 | 0.30 | 0.41 | 0.96 | 0.29 | 0.43 | 0.83 | 0.44 | 0.90 | 0.57 | 0.97 | 0.86 | 0.99 | 0.21 |
| Gotzendorf | MN9 | 11 | 0.16 | 0.37 | 0.29 | 0.11 | 0.11 | 0.15 | 0.18 | 0.36 | 0.20 | 0.87 | 0.36 | 0.24 | 0.39 | 0.10 | 0.07 | 0.54 | 0.28 | 0.87 | 0.38 |
| Gaiselberg | MN9 | 7 | 0.25 | 0.93 | 0.84 | 0.57 | 0.90 | 0.65 | 0.71 | 0.41 | 0.99 | 0.72 | 0.91 | 0.97 | 0.43 | 0.88 | 0.80 | 0.93 | 1.00 | 0.65 | 0.54 |
| Gau-Weinheim | MN9 | 7 | 0.26 | 0.99 | 0.98 | 0.19 | 1.00 | 0.98 | 0.99 | 0.89 | 0.99 | 0.27 | 0.42 | 0.78 | 0.42 | 0.87 | 0.82 | 0.94 | 0.84 | 0.98 | 0.58 |
| Guonigou | MN9 | 10 | 0.23 | 0.41 | 0.34 | 0.16 | 0.17 | 0.21 | 0.25 | 0.41 | 0.68 | 0.26 | 0.41 | 0.29 | 0.42 | 0.17 | 0.46 | 0.10 | 0.33 | 0.07 | 0.15 |
| Howenegg | MN9 | 8 | 0.22 | 0.90 | 0.33 | 0.15 | 0.54 | 0.59 | 0.69 | 0.39 | 0.67 | 0.24 | 0.41 | 0.31 | 0.43 | 0.55 | 0.77 | 0.39 | 0.98 | 0.84 | 0.51 |
| Hammerschmiede | MN9 | 6 | 0.27 | 0.42 | 0.38 | 0.22 | 0.22 | 0.26 | 0.29 | 0.42 | 0.30 | 0.77 | 0.43 | 0.34 | 0.44 | 0.64 | 0.18 | 0.83 | 0.86 | 0.92 | 0.59 |
| Hostalets de Pierola | MN9 | 18 | 0.09 | 0.33 | 0.22 | 0.05 | 0.24 | 0.07 | 0.71 | 0.29 | 0.12 | 0.92 | 0.32 | 0.15 | 0.35 | 0.51 | 0.03 | 0.97 | 0.59 | 0.99 | 0.74 |
| Kalfa | MN9 | 24 | 0.04 | 0.72 | 0.49 | 0.01 | 0.59 | 0.17 | 0.78 | 0.24 | 0.57 | 0.81 | 0.28 | 0.39 | 0.30 | 0.31 | 0.38 | 0.31 | 0.48 | 0.81 | 0.47 |
| Kishinev | MN9 | 7 | 0.29 | 0.44 | 0.40 | 0.24 | 0.27 | 0.28 | 0.33 | 0.44 | 0.34 | 0.80 | 0.44 | 0.36 | 0.95 | 0.26 | 0.21 | 0.18 | 0.38 | 0.50 | 0.68 |
| Kulanutpes | MN9 | 5 | 0.31 | 0.44 | 0.39 | 0.24 | 0.94 | 0.95 | 0.97 | 0.42 | 0.33 | 0.78 | 0.44 | 0.84 | 0.46 | 0.26 | 0.62 | 0.60 | 0.38 | 0.47 | 0.93 |
| Lantian-12 | MN9 | 8 | 0.25 | 0.42 | 0.83 | 0.18 | 0.88 | 0.21 | 0.26 | 0.42 | 0.27 | 0.27 | 0.42 | 0.31 | 0.44 | 0.59 | 0.15 | 0.12 | 0.82 | 0.07 | 0.54 |
| Los Valles de Fuentic | MN9 | 22 | 0.27 | 0.31 | 0.57 | 0.14 | 0.42 | 0.51 | 0.64 | 0.27 | 0.36 | 0.86 | 0.78 | 0.46 | 0.32 | 0.18 | 0.27 | 0.92 | 0.56 | 0.91 | 0.63 |
| Melchingen | MN9 | 6 | 0.27 | 0.44 | 0.38 | 0.22 | 0.92 | 0.93 | 0.95 | 0.43 | 0.77 | 0.31 | 0.43 | 0.82 | 0.45 | 0.22 | 0.86 | 0.81 | 0.36 | 0.74 | 0.20 |
| Milestii Mici | MN9 | 5 | 0.31 | 0.43 | 0.39 | 0.26 | 0.26 | 0.29 | 0.30 | 0.43 | 0.32 | 0.32 | 0.44 | 0.36 | 0.46 | 0.26 | 0.21 | 0.19 | 0.38 | 0.13 | 0.23 |
| Nombrevilla | MN9 | 11 | 0.19 | 0.39 | 0.31 | 0.13 | 0.13 | 0.15 | 0.60 | 0.37 | 0.20 | 0.61 | 0.39 | 0.93 | 0.42 | 0.76 | 0.09 | 0.63 | 0.77 | 0.99 | 0.92 |
| Nombrevilla-1 | MN9 | 11 | 0.18 | 0.39 | 0.30 | 0.13 | 0.15 | 0.16 | 0.60 | 0.37 | 0.22 | 0.20 | 0.38 | 0.93 | 0.40 | 0.12 | 0.08 | 0.60 | 0.29 | 0.89 | 0.41 |
| Oshin-II-5 upper | MN9 | 9 | 0.22 | 0.41 | 0.79 | 0.16 | 0.84 | 0.60 | 0.68 | 0.39 | 0.24 | 0.25 | 0.41 | 0.30 | 0.43 | 0.52 | 0.45 | 0.10 | 0.80 | 0.06 | 0.15 |
| Otovasca | MN9 | 5 | 0.31 | 0.43 | 0.39 | 0.25 | 0.26 | 0.28 | 0.33 | 0.43 | 0.32 | 0.33 | 0.45 | 0.36 | 0.45 | 0.26 | 0.21 | 0.18 | 0.39 | 0.14 | 0.26 |
| Petersbuch 14 | MN9 | 5 | 0.31 | 0.44 | 0.39 | 0.26 | 0.71 | 0.27 | 0.79 | 0.43 | 0.80 | 0.80 | 0.44 | 0.85 | 0.45 | 0.26 | 0.22 | 0.98 | 0.39 | 0.48 | 0.67 |
| Polin?a 2 | MN9 | 5 | 0.30 | 0.44 | 0.39 | 0.26 | 0.68 | 0.74 | 0.79 | 0.42 | 0.33 | 0.79 | 0.44 | 0.36 | 0.46 | 0.26 | 0.61 | 0.58 | 0.38 | 0.13 | 0.69 |
| Qaidam-Tuosu | MN9 | 13 | 0.14 | 0.35 | 0.71 | 0.07 | 0.35 | 0.11 | 0.17 | 0.33 | 0.16 | 0.53 | 0.36 | 0.21 | 0.38 | 0.31 | 0.06 | 0.04 | 0.92 | 0.11 | 0.85 |
| Santiga (Sabadell) | MN9 | 16 | 0.12 | 0.98 | 0.69 | 0.07 | 0.84 | 0.68 | 0.80 | 0.32 | 0.82 | 0.49 | 0.35 | 0.61 | 0.38 | 0.84 | 0.49 | 0.84 | 0.92 | 0.96 | 0.58 |
| Subsol de Sabadell | MN9 | 13 | 0.12 | 0.86 | 0.68 | 0.31 | 0.66 | 0.72 | 0.81 | 0.35 | 0.82 | 0.84 | 0.84 | 0.61 | 0.39 | 0.87 | 0.78 | 0.70 | 0.99 | 0.73 | 0.85 |
| Teuleria del Firal | MN9 | 15 | 0.40 | 0.81 | 0.67 | 0.06 | 0.61 | 0.65 | 0.79 | 0.32 | 0.47 | 0.47 | 0.34 | 0.58 | 0.36 | 0.07 | 0.19 | 0.63 | 0.67 | 0.67 | 0.93 |
| Vesendorf | MN9 | 9 | 0.23 | 0.90 | 0.34 | 0.16 | 0.55 | 0.58 | 0.67 | 0.38 | 0.68 | 0.26 | 0.41 | 0.29 | 0.42 | 0.56 | 0.76 | 0.40 | 0.81 | 0.58 | 0.52 |
| Varnitsa | MN9 | 9 | 0.20 | 0.39 | 0.79 | 0.14 | 0.51 | 0.18 | 0.63 | 0.39 | 0.65 | 0.64 | 0.41 | 0.72 | 0.91 | 0.52 | 0.41 | 0.08 | 0.32 | 0.22 | 0.78 |
| Wartenberg | MN9 | 9 | 0.23 | 0.91 | 0.97 | 0.16 | 0.97 | 0.98 | 0.98 | 0.39 | 0.99 | 0.69 | 0.42 | 0.95 | 0.43 | 0.55 | 0.76 | 0.98 | 0.79 | 0.99 | 0.96 |
| Westhofen | MN9 | 6 | 0.26 | 0.92 | 0.36 | 0.23 | 0.22 | 0.25 | 0.28 | 0.42 | 0.77 | 0.29 | 0.42 | 0.35 | 0.44 | 0.63 | 0.57 | 0.51 | 0.98 | 0.74 | 0.88 |
| Wissberg | MN9 | 18 | 0.09 | 0.97 | 0.87 | 0.05 | 0.79 | 0.30 | 0.90 | 0.75 | 0.92 | 0.74 | 0.33 | 0.96 | 0.36 | 0.77 | 0.15 | 0.90 | 0.98 | 0.99 | 0.97 |
| Siwaliks Y0454 | MN9 | 9 | 0.24 | 0.42 | 0.83 | 0.56 | 0.59 | 0.64 | 0.71 | 0.41 | 0.72 | 0.72 | 0.92 | 0.79 | 0.43 | 0.87 | 0.51 | 0.94 | 1.00 | 0.33 | 0.57 |
| Siwaliks Y0259 | MN9 | 11 | 0.20 | 0.39 | 0.78 | 0.48 | 0.50 | 0.56 | 0.89 | 0.37 | 0.68 | 0.65 | 0.89 | 0.71 | 0.41 | 0.49 | 0.40 | 0.33 | 0.96 | 0.05 | 0.13 |
| Sevastopol (Sebasto | MN9 | 14 | 0.13 | 0.35 | 0.69 | 0.07 | 0.31 | 0.10 | 0.48 | 0.35 | 0.14 | 0.77 | 0.34 | 0.61 | 0.86 | 0.30 | 0.05 | 0.17 | 0.68 | 0.50 | 0.84 |
| Siwaliks Y0779 | MN9 | 5 | 0.31 | 0.44 | 0.88 | 0.69 | 0.70 | 0.73 | 0.78 | 0.43 | 0.78 | 0.80 | 0.93 | 0.82 | 0.45 | 0.94 | 0.63 | 0.87 | 1.00 | 0.12 | 0.25 |
| Zheltokamenka | MN9 | 6 | 0.27 | 0.43 | 0.37 | 0.21 | 0.92 | 0.93 | 0.99 | 0.42 | 0.29 | 1.00 | 0.44 | 0.97 | 0.44 | 0.23 | 0.56 | 0.49 | 0.37 | 0.41 | 1.00 |
| Can Missert | MN9 | 6 | 0.27 | 0.43 | 0.37 | 0.22 | 0.23 | 0.26 | 0.73 | 0.41 | 0.30 | 0.77 | 0.42 | 0.82 | 0.44 | 0.23 | 0.19 | 0.81 | 0.38 | 0.72 | 0.62 |
| Castell de Barber? | MN9 | 23 | 0.23 | 0.73 | 0.52 | 0.11 | 0.35 | 0.18 | 0.29 | 0.26 | 0.61 | 0.99 | 0.75 | 0.42 | 0.81 | 0.93 | 0.23 | 0.97 | 0.96 | 1.00 | 0.92 |
| Massenhausen | MN9 | 14 | 0.13 | 0.99 | 0.70 | 0.08 | 0.67 | 0.74 | 0.96 | 0.35 | 0.96 | 0.82 | 0.36 | 1.00 | 0.38 | 0.64 | 0.53 | 1.00 | 0.93 | 1.00 | 0.95 |
| Siwaliks Y0797 | MN9 | 8 | 0.24 | 0.41 | 0.84 | 0.58 | 0.58 | 0.64 | 0.72 | 0.42 | 0.72 | 0.74 | 0.91 | 0.78 | 0.43 | 0.97 | 0.52 | 0.93 | 1.00 | 0.33 | 0.87 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Siwaliks Y0076 | MN7/8 | 36 | 0.37 | 0.69 | 0.75 | 0.06 | 0.22 | 0.58 | 0.46 | 0.20 | 0.90 | 0.21 | 0.67 | 0.64 | 0.72 | 0.95 | 0.95 | 0.88 | 1.00 | 0.91 | 0.62 |
| Siwaliks Y0061 | MN7/8 | 5 | 0.30 | 0.45 | 0.89 | 0.69 | 0.69 | 0.73 | 0.81 | 0.42 | 0.81 | 0.81 | 0.94 | 0.85 | 0.46 | 0.99 | 0.61 | 0.98 | 1.00 | 0.48 | 0.67 |
| Siwaliks Y0495 | MN7/8 | 11 | 0.56 | 0.39 | 0.76 | 0.42 | 0.78 | 0.81 | 0.86 | 0.37 | 0.87 | 0.62 | 0.87 | 0.92 | 0.40 | 0.77 | 0.68 | 0.85 | 1.00 | 0.20 | 0.42 |
| Siwaliks Y0504 | MN7/8 | 20 | 0.36 | 0.80 | 0.64 | 0.23 | 0.55 | 0.84 | 0.73 | 0.29 | 0.92 | 0.44 | 0.80 | 0.83 | 0.36 | 0.98 | 0.96 | 0.92 | 1.00 | 0.61 | 0.49 |
| Siwaliks Y0735 | MN7/8 | 7 | 0.25 | 0.41 | 0.83 | 0.57 | 0.88 | 0.91 | 0.94 | 0.40 | 0.94 | 0.73 | 0.92 | 0.78 | 0.43 | 0.86 | 0.82 | 0.94 | 1.00 | 0.32 | 0.17 |
| Barranc de Can Vila | MN7/8 | 8 | 0.21 | 0.90 | 0.32 | 0.16 | 0.18 | 0.19 | 0.68 | 0.39 | 0.68 | 0.70 | 0.42 | 0.30 | 0.42 | 0.83 | 0.44 | 0.98 | 0.98 | 0.99 | 0.95 |
| Anwil | MN7/8 | 20 | 0.07 | 0.30 | 0.85 | 0.15 | 0.44 | 0.50 | 0.86 | 0.28 | 0.67 | 0.96 | 0.77 | 0.99 | 0.33 | 0.85 | 0.09 | 1.00 | 0.86 | 1.00 | 0.94 |
| Can Almirall | MN7/8 | 5 | 0.31 | 0.44 | 0.38 | 0.25 | 0.71 | 0.29 | 0.32 | 0.44 | 0.32 | 0.33 | 0.43 | 0.84 | 0.46 | 0.70 | 0.22 | 0.19 | 0.39 | 0.96 | 0.67 |
| Can Feliu | MN7/8 | 6 | 0.26 | 0.94 | 0.37 | 0.21 | 0.22 | 0.23 | 0.29 | 0.41 | 0.77 | 0.77 | 0.42 | 0.33 | 0.44 | 0.91 | 0.54 | 0.96 | 0.98 | 0.99 | 0.98 |
| Chiang Muan | MN7/8 | 8 | 0.24 | 0.42 | 0.83 | 0.57 | 0.62 | 0.62 | 0.72 | 0.41 | 0.73 | 0.73 | 0.91 | 0.79 | 0.43 | 0.58 | 0.50 | 0.46 | 0.98 | 0.09 | 0.18 |
| Collet-Redon | MN7/8 | 7 | 0.25 | 0.92 | 0.82 | 0.19 | 0.97 | 0.98 | 1.00 | 0.40 | 0.94 | 0.71 | 0.42 | 0.97 | 0.43 | 0.20 | 0.81 | 1.00 | 0.36 | 0.65 | 0.84 |
| Dang Valley | MN7/8 | 10 | 0.62 | 0.90 | 0.78 | 0.46 | 0.96 | 0.84 | 0.89 | 0.39 | 0.98 | 0.66 | 0.88 | 0.73 | 0.42 | 0.95 | 0.91 | 0.97 | 0.97 | 0.92 | 0.46 |
| Escobosa de Calata? | MN7/8 | 10 | 0.21 | 0.40 | 0.80 | 0.14 | 0.16 | 0.18 | 0.64 | 0.38 | 0.22 | 0.90 | 0.40 | 0.28 | 0.42 | 0.50 | 0.11 | 1.00 | 0.33 | 0.52 | 0.78 |
| Fangxian | MN7/8 | 5 | 0.30 | 0.44 | 0.39 | 0.23 | 0.69 | 0.74 | 0.79 | 0.42 | 0.32 | 0.79 | 0.44 | 0.85 | 0.45 | 0.71 | 0.22 | 0.86 | 0.87 | 0.80 | 1.00 |
| Helsighausen | MN7/8 | 9 | 0.87 | 0.90 | 0.96 | 0.13 | 0.82 | 0.57 | 1.00 | 0.86 | 0.62 | 0.66 | 0.41 | 1.00 | 0.41 | 0.80 | 0.10 | 0.96 | 0.78 | 0.93 | 0.79 |
| Hostalets de Pierola | MN7/8 | 29 | 0.03 | 0.71 | 0.13 | 0.01 | 0.07 | 0.03 | 0.74 | 0.22 | 0.24 | 0.98 | 0.24 | 0.86 | 0.75 | 0.69 | 0.04 | 1.00 | 0.75 | 1.00 | 0.83 |
| Junggar-duolebulejin | MN7/8 | 9 | 0.21 | 0.40 | 0.32 | 0.13 | 0.83 | 0.53 | 0.63 | 0.38 | 0.90 | 0.91 | 0.40 | 0.26 | 0.42 | 0.15 | 0.73 | 0.66 | 0.32 | 0.22 | 1.00 |
| Kaiyuan-Xiaolongtar | MN7/8 | 6 | 0.28 | 0.43 | 0.37 | 0.21 | 0.63 | 0.68 | 0.29 | 0.42 | 0.29 | 0.31 | 0.44 | 0.34 | 0.45 | 0.22 | 0.18 | 0.16 | 0.36 | 0.38 | 0.63 |
| Klein Hadersdorf | MN7/8 | 7 | 0.25 | 0.42 | 0.36 | 0.19 | 0.63 | 0.22 | 0.28 | 0.41 | 0.73 | 0.72 | 0.41 | 0.97 | 0.44 | 0.59 | 0.16 | 0.99 | 0.83 | 0.89 | 0.86 |
| Kutsaj M | MN7/8 | 5 | 0.30 | 0.44 | 0.86 | 0.24 | 0.94 | 0.74 | 0.78 | 0.42 | 0.33 | 0.33 | 0.44 | 0.36 | 0.45 | 0.93 | 0.64 | 0.56 | 0.99 | 0.47 | 0.65 |
| La Cisterniga | MN7/8 | 5 | 0.30 | 0.94 | 0.39 | 0.26 | 0.26 | 0.28 | 0.78 | 0.43 | 0.80 | 0.79 | 0.45 | 0.98 | 0.45 | 0.93 | 0.62 | 0.98 | 0.99 | 1.00 | 0.92 |
| La Grive L3 | MN7/8 | 30 | 0.15 | 0.94 | 0.43 | 0.01 | 0.47 | 0.12 | 0.90 | 0.22 | 0.74 | 0.97 | 0.24 | 0.96 | 0.73 | 0.65 | 0.03 | 1.00 | 0.75 | 1.00 | 0.92 |
| La Grive L5 | MN7/8 | 30 | 0.03 | 0.71 | 0.44 | 0.01 | 0.25 | 0.02 | 0.76 | 0.22 | 0.52 | 0.91 | 0.25 | 0.97 | 0.75 | 0.85 | 0.04 | 1.00 | 0.75 | 1.00 | 0.93 |
| La Grive L7 | MN7/8 | 30 | 0.03 | 0.24 | 0.41 | 0.01 | 0.07 | 0.02 | 0.69 | 0.23 | 0.21 | 0.99 | 0.24 | 0.88 | 0.28 | 0.42 | 0.00 | 1.00 | 0.43 | 1.00 | 0.79 |
| La Grive M | MN7/8 | 32 | 0.14 | 0.25 | 0.13 | 0.01 | 0.44 | 0.29 | 0.88 | 0.20 | 0.47 | 0.98 | 0.24 | 0.85 | 0.29 | 0.07 | 0.03 | 1.00 | 0.11 | 1.00 | 0.96 |
| La Grive PB A | MN7/8 | 22 | 0.26 | 0.73 | 0.53 | 0.03 | 0.84 | 0.43 | 0.94 | 0.25 | 0.84 | 0.61 | 0.29 | 0.98 | 0.32 | 0.35 | 0.07 | 1.00 | 0.54 | 1.00 | 0.91 |
| La Grive PB J | MN7/8 | 12 | 0.16 | 0.86 | 0.29 | 0.10 | 0.10 | 0.15 | 0.56 | 0.36 | 0.59 | 0.97 | 0.37 | 0.25 | 0.40 | 0.40 | 0.31 | 0.99 | 0.75 | 1.00 | 0.10 |
| La Grive St. Alban | MN7/8 | 59 | 0.02 | 0.49 | 0.46 | 0.00 | 0.23 | 0.04 | 0.73 | 0.39 | 0.55 | 0.79 | 0.14 | 0.90 | 0.56 | 0.57 | 0.06 | 1.00 | 0.44 | 1.00 | 0.82 |
| Lintong-lengshuigou | MN7/8 | 9 | 0.23 | 0.41 | 0.33 | 0.16 | 0.56 | 0.20 | 0.25 | 0.39 | 0.92 | 0.93 | 0.41 | 0.75 | 0.93 | 0.52 | 0.12 | 0.90 | 0.82 | 0.58 | 1.00 |
| Malartic | MN7/8 | 6 | 0.28 | 0.43 | 0.86 | 0.24 | 0.90 | 0.94 | 0.74 | 0.41 | 0.77 | 0.96 | 0.43 | 0.34 | 0.45 | 0.64 | 0.57 | 0.82 | 0.37 | 0.41 | 0.98 |
| Mannersdorf | MN7/8 | 6 | 0.27 | 0.92 | 0.37 | 0.21 | 0.64 | 0.25 | 0.28 | 0.41 | 0.75 | 0.29 | 0.43 | 0.33 | 0.44 | 0.99 | 0.55 | 0.81 | 0.98 | 0.92 | 0.60 |
| Masquefa | MN7/8 | 5 | 0.30 | 0.44 | 0.39 | 0.68 | 0.95 | 0.73 | 0.96 | 0.43 | 0.96 | 0.32 | 0.44 | 0.97 | 0.45 | 0.69 | 0.90 | 0.98 | 0.39 | 0.95 | 0.24 |
| Minhe-lierbao | MN7/8 | 5 | 0.29 | 0.94 | 0.87 | 0.24 | 0.94 | 0.74 | 0.78 | 0.43 | 0.80 | 0.97 | 0.44 | 0.84 | 0.45 | 0.26 | 0.62 | 0.98 | 0.38 | 0.14 | 0.99 |
| Nombrevilla-2 | MN7/8 | 8 | 0.22 | 0.41 | 0.34 | 0.16 | 0.17 | 0.20 | 0.67 | 0.39 | 0.26 | 0.93 | 0.40 | 0.95 | 0.42 | 0.84 | 0.13 | 0.97 | 0.81 | 1.00 | 1.00 |
| Petersbuch 6 | MN7/8 | 8 | 0.63 | 0.39 | 0.33 | 0.16 | 0.18 | 0.20 | 0.91 | 0.38 | 0.23 | 0.99 | 0.40 | 0.75 | 0.42 | 0.15 | 0.12 | 1.00 | 0.33 | 0.85 | 0.96 |
| Poudenas-Cayron | MN7/8 | 9 | 0.19 | 0.39 | 0.80 | 0.80 | 0.81 | 0.97 | 0.65 | 0.38 | 0.67 | 0.90 | 0.88 | 0.71 | 0.42 | 0.80 | 0.38 | 0.97 | 1.00 | 0.77 | 0.99 |
| Przeworno 2 | MN7/8 | 7 | 0.26 | 0.42 | 0.82 | 0.58 | 0.88 | 0.90 | 0.99 | 0.40 | 0.94 | 0.94 | 0.91 | 0.79 | 0.43 | 0.87 | 0.80 | 0.95 | 0.84 | 0.99 | 0.55 |
| Saint-Gaudens (Vale | MN7/8 | 10 | 0.18 | 0.99 | 0.99 | 0.43 | 0.99 | 0.96 | 0.97 | 0.85 | 0.98 | 0.58 | 0.89 | 0.92 | 0.42 | 0.93 | 0.66 | 0.99 | 0.95 | 0.97 | 0.42 |
| Sant Quirze | MN7/8 | 26 | 0.04 | 0.71 | 0.48 | 0.10 | 0.32 | 0.13 | 0.51 | 0.22 | 0.55 | 0.93 | 0.71 | 0.88 | 0.30 | 0.89 | 0.15 | 1.00 | 0.94 | 1.00 | 0.88 |
| Saricay | MN7/8 | 7 | 0.26 | 0.91 | 0.81 | 0.20 | 0.88 | 0.66 | 0.93 | 0.39 | 0.72 | 0.72 | 0.42 | 0.96 | 0.43 | 0.88 | 0.14 | 1.00 | 0.83 | 0.97 | 0.97 |
| Sofca | MN7/8 | 19 | 0.07 | 0.30 | 0.87 | 0.43 | 0.87 | 0.53 | 0.88 | 0.28 | 0.66 | 1.00 | 0.78 | 0.77 | 0.82 | 0.99 | 0.56 | 1.00 | 1.00 | 0.94 | 0.96 |
| Solera | MN7/8 | 5 | 0.33 | 0.45 | 0.41 | 0.27 | 0.29 | 0.31 | 0.82 | 0.44 | 0.35 | 0.36 | 0.45 | 0.37 | 0.46 | 0.74 | 0.24 | 0.92 | 0.89 | 0.55 | 0.73 |
| Steinheim | MN7/8 | 36 | 0.01 | 0.64 | 0.90 | 0.04 | 0.59 | 0.46 | 0.98 | 0.18 | 0.95 | 0.99 | 0.65 | 1.00 | 0.26 | 0.14 | 0.17 | 1.00 | 0.71 | 1.00 | 0.74 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Toril 3A | MN7/8 | 22 | 0.07 | 0.74 | 0.84 | 0.03 | 0.43 | 0.22 | 0.96 | 0.27 | 0.66 | 0.99 | 0.29 | 1.00 | 0.33 | 0.42 | 0.02 | 1.00 | 0.57 | 1.00 | 0.94 |
| Toril 3B | MN7/8 | 13 | 0.15 | 0.85 | 0.73 | 0.09 | 0.70 | 0.43 | 0.83 | 0.35 | 0.86 | 0.55 | 0.37 | 0.99 | 0.41 | 0.36 | 0.06 | 1.00 | 0.71 | 0.98 | 0.97 |
| Tunggur- ALU | MN7/8 | 12 | 0.53 | 0.38 | 0.29 | 0.12 | 0.12 | 0.13 | 0.18 | 0.36 | 0.20 | 0.88 | 0.37 | 0.24 | 0.41 | 0.11 | 0.08 | 0.81 | 0.28 | 0.86 | 1.00 |
| Tunggur- DA | MN7/8 | 5 | 0.31 | 0.44 | 0.38 | 0.23 | 0.26 | 0.28 | 0.31 | 0.43 | 0.79 | 1.00 | 0.44 | 0.36 | 0.45 | 0.26 | 0.20 | 0.87 | 0.39 | 0.15 | 1.00 |
| Tunggur- HU | MN7/8 | 12 | 0.15 | 0.37 | 0.27 | 0.10 | 0.92 | 0.43 | 0.84 | 0.36 | 0.54 | 1.00 | 0.37 | 0.90 | 0.40 | 0.10 | 0.27 | 0.48 | 0.72 | 0.35 | 1.00 |
| Tunggur- MC | MN7/8 | 6 | 0.28 | 0.42 | 0.37 | 0.21 | 0.23 | 0.24 | 0.29 | 0.42 | 0.76 | 0.78 | 0.43 | 0.34 | 0.45 | 0.24 | 0.19 | 0.16 | 0.36 | 0.10 | 1.00 |
| Tunggur- MOII | MN7/8 | 6 | 0.29 | 0.43 | 0.37 | 0.21 | 0.23 | 0.25 | 0.29 | 0.42 | 0.75 | 0.96 | 0.42 | 0.33 | 0.45 | 0.23 | 0.18 | 0.52 | 0.37 | 0.11 | 1.00 |
| Tunggur- TMS | MN7/8 | 6 | 0.26 | 0.42 | 0.37 | 0.22 | 0.24 | 0.25 | 0.29 | 0.41 | 0.76 | 0.30 | 0.43 | 0.34 | 0.44 | 0.22 | 0.18 | 0.16 | 0.36 | 0.10 | 0.98 |
| Tunggur- ZH | MN7/8 | 7 | 0.24 | 0.42 | 0.35 | 0.17 | 0.18 | 0.22 | 0.73 | 0.41 | 0.27 | 0.93 | 0.42 | 0.77 | 0.43 | 0.20 | 0.14 | 0.47 | 0.36 | 0.08 | 1.00 |
| Tunggur-AC | MN7/8 | 6 | 0.27 | 0.43 | 0.37 | 0.24 | 0.22 | 0.24 | 0.74 | 0.41 | 0.75 | 0.75 | 0.43 | 0.83 | 0.44 | 0.22 | 0.17 | 0.96 | 0.38 | 0.92 | 1.00 |
| Tunggur-Moergen | MN7/8 | 32 | 0.13 | 0.25 | 0.11 | 0.01 | 0.42 | 0.11 | 0.46 | 0.22 | 0.20 | 1.00 | 0.23 | 0.59 | 0.72 | 0.05 | 0.02 | 0.98 | 0.76 | 0.82 | 1.00 |
| Tunggur-WC | MN7/8 | 14 | 0.14 | 0.36 | 0.25 | 0.08 | 0.37 | 0.11 | 0.50 | 0.33 | 0.51 | 0.82 | 0.36 | 0.63 | 0.87 | 0.33 | 0.05 | 0.88 | 0.93 | 0.75 | 1.00 |
| Xinan | MN7/8 | 5 | 0.76 | 0.45 | 0.38 | 0.25 | 0.26 | 0.28 | 0.32 | 0.42 | 0.31 | 0.79 | 0.43 | 0.85 | 0.96 | 0.70 | 0.22 | 0.57 | 0.89 | 0.48 | 0.99 |
| Yeni Eskihisar 1 | MN7/8 | 7 | 0.26 | 0.42 | 0.35 | 0.19 | 0.19 | 0.22 | 0.26 | 0.40 | 0.28 | 0.72 | 0.41 | 0.76 | 0.43 | 0.20 | 0.15 | 0.78 | 0.36 | 0.65 | 0.57 |
| Yeni Eskihisar 2 | MN7/8 | 5 | 0.30 | 0.45 | 0.38 | 0.25 | 0.26 | 0.28 | 0.33 | 0.43 | 0.32 | 0.79 | 0.44 | 0.36 | 0.45 | 0.27 | 0.21 | 0.57 | 0.39 | 0.80 | 0.67 |
| Yenieskihisar | MN7/8 | 6 | 0.27 | 0.43 | 0.37 | 0.21 | 0.24 | 0.24 | 0.28 | 0.41 | 0.30 | 0.75 | 0.42 | 0.80 | 0.44 | 0.23 | 0.19 | 0.95 | 0.37 | 0.92 | 0.88 |
| Daud Khel | MN7/8 | 16 | 0.14 | 0.85 | 0.94 | 0.31 | 0.87 | 0.70 | 0.80 | 0.34 | 0.96 | 0.53 | 0.85 | 0.62 | 0.38 | 0.99 | 0.94 | 0.96 | 1.00 | 0.56 | 0.31 |
| Siwaliks Y0767 | MN7/8 | 8 | 0.23 | 0.39 | 0.34 | 0.15 | 0.57 | 0.59 | 0.69 | 0.39 | 0.68 | 0.26 | 0.41 | 0.28 | 0.43 | 0.82 | 0.45 | 0.93 | 1.00 | 0.59 | 0.81 |
| Siwaliks Y0772 | MN7/8 | 13 | 0.46 | 0.37 | 0.26 | 0.07 | 0.35 | 0.39 | 0.50 | 0.35 | 0.52 | 0.16 | 0.36 | 0.64 | 0.38 | 0.65 | 0.23 | 0.73 | 1.00 | 0.31 | 0.60 |
| Siwaliks Y0494 | MN7/8 | 14 | 0.46 | 0.84 | 0.25 | 0.08 | 0.37 | 0.40 | 0.50 | 0.34 | 0.83 | 0.18 | 0.36 | 0.62 | 0.38 | 0.87 | 0.78 | 0.89 | 1.00 | 0.52 | 0.61 |
| Siwaliks Y0496 | MN7/8 | 25 | 0.07 | 0.79 | 0.58 | 0.18 | 0.48 | 0.53 | 0.66 | 0.28 | 0.89 | 0.38 | 0.76 | 0.47 | 0.34 | 0.88 | 0.77 | 0.83 | 1.00 | 0.25 | 0.38 |
| Siwaliks Y0647 | MN7/8 | 20 | 0.38 | 0.33 | 0.61 | 0.24 | 0.55 | 0.64 | 0.72 | 0.31 | 0.77 | 0.45 | 0.80 | 0.55 | 0.35 | 0.81 | 0.67 | 0.97 | 1.00 | 0.61 | 0.53 |
| Siwaliks Y0695 | MN7/8 | 10 | 0.60 | 0.40 | 0.32 | 0.14 | 0.50 | 0.54 | 0.65 | 0.39 | 0.66 | 0.24 | 0.40 | 0.72 | 0.42 | 0.49 | 0.40 | 0.68 | 0.96 | 0.23 | 0.13 |
| Siwaliks Y0675 | MN7/8 | 5 | 0.77 | 0.94 | 0.39 | 0.25 | 0.26 | 0.28 | 0.32 | 0.43 | 0.81 | 0.34 | 0.44 | 0.84 | 0.45 | 0.94 | 0.61 | 0.86 | 1.00 | 0.48 | 0.26 |
| Siwaliks Y0714 | MN7/8 | 5 | 0.30 | 0.45 | 0.40 | 0.24 | 0.70 | 0.73 | 0.77 | 0.43 | 0.79 | 0.32 | 0.44 | 0.36 | 0.46 | 0.94 | 0.63 | 0.98 | 1.00 | 0.79 | 0.66 |
| Siwaliks Y0060 | MN7/8 | 7 | 0.26 | 0.92 | 0.83 | 0.56 | 0.87 | 0.89 | 0.94 | 0.40 | 0.99 | 0.73 | 0.90 | 0.78 | 0.42 | 1.00 | 0.95 | 1.00 | 1.00 | 0.87 | 0.56 |
| Siwaliks Y0698 | MN7/8 | 8 | 0.22 | 0.41 | 0.80 | 0.50 | 0.57 | 0.59 | 0.67 | 0.39 | 0.69 | 0.67 | 0.90 | 0.76 | 0.42 | 0.97 | 0.44 | 0.90 | 1.00 | 0.27 | 0.83 |
| Siwaliks Y0710 | MN7/8 | 5 | 0.30 | 0.43 | 0.39 | 0.26 | 0.25 | 0.28 | 0.32 | 0.42 | 0.34 | 0.31 | 0.44 | 0.35 | 0.45 | 0.93 | 0.22 | 0.88 | 0.99 | 0.47 | 0.68 |
| Beglia | MN7/8 | 6 | 0.28 | 0.43 | 0.36 | 0.22 | 0.65 | 0.26 | 0.28 | 0.41 | 0.29 | 0.28 | 0.43 | 0.34 | 0.45 | 0.23 | 0.17 | 0.17 | 0.38 | 0.10 | 0.21 |
| Fort Ternan 2 (Serek | MN7/8 | 8 | 0.22 | 0.90 | 0.81 | 0.53 | 0.97 | 0.60 | 0.68 | 0.89 | 0.99 | 0.68 | 0.90 | 0.76 | 0.43 | 1.00 | 0.99 | 0.92 | 1.00 | 0.59 | 0.51 |
| Nyakach 10 (Kaimog | MN7/8 | 8 | 0.22 | 0.91 | 0.97 | 0.52 | 0.96 | 0.61 | 0.68 | 0.88 | 0.93 | 0.68 | 0.90 | 0.76 | 0.42 | 1.00 | 1.00 | 0.90 | 1.00 | 0.59 | 0.15 |
| Nyakach 11 (Kaimog | MN7/8 | 10 | 0.16 | 0.89 | 0.99 | 0.41 | 0.99 | 0.95 | 0.59 | 0.38 | 0.89 | 0.90 | 0.87 | 0.69 | 0.90 | 1.00 | 1.00 | 0.61 | 1.00 | 0.46 | 0.42 |
| Nyakach 19 (Pundo) | MN7/8 | 6 | 0.27 | 0.93 | 0.85 | 0.20 | 0.91 | 0.92 | 0.74 | 0.42 | 0.96 | 0.28 | 0.43 | 0.34 | 0.44 | 1.00 | 1.00 | 0.81 | 0.86 | 0.73 | 0.22 |
| Nyakach 8 (Kadianga | MN7/8 | 9 | 0.21 | 0.89 | 0.82 | 0.51 | 0.99 | 0.21 | 0.25 | 0.39 | 0.69 | 0.25 | 0.41 | 0.28 | 0.42 | 0.99 | 1.00 | 0.10 | 0.80 | 0.27 | 0.50 |
| Nyakach 9 (Kaimogo | MN7/8 | 5 | 0.30 | 0.94 | 0.39 | 0.25 | 0.68 | 0.28 | 0.32 | 0.93 | 0.97 | 0.33 | 0.44 | 0.37 | 0.46 | 0.99 | 1.00 | 0.58 | 0.88 | 0.49 | 0.67 |
| Ramangar | MN7/8 | 35 | 0.16 | 0.68 | 0.92 | 0.07 | 0.86 | 0.53 | 0.89 | 0.60 | 0.91 | 0.21 | 0.68 | 0.64 | 0.28 | 0.85 | 0.48 | 0.75 | 1.00 | 0.32 | 0.41 |
| Siwaliks Y0726 | MN7/8 | 5 | 0.31 | 0.45 | 0.99 | 0.68 | 0.94 | 0.75 | 0.79 | 0.43 | 0.78 | 0.80 | 0.94 | 0.84 | 0.45 | 0.99 | 0.61 | 0.87 | 1.00 | 0.15 | 0.25 |
| Siwaliks Y0690 | MN7/8 | 8 | 0.24 | 0.41 | 0.81 | 0.52 | 0.56 | 0.59 | 0.67 | 0.39 | 0.69 | 0.70 | 0.90 | 0.75 | 0.43 | 0.96 | 0.44 | 0.98 | 1.00 | 0.58 | 0.79 |
| Siwaliks Y0691 | MN7/8 | 5 | 0.29 | 0.44 | 0.40 | 0.24 | 0.26 | 0.29 | 0.30 | 0.42 | 0.33 | 0.32 | 0.43 | 0.36 | 0.45 | 0.94 | 0.21 | 0.87 | 1.00 | 0.48 | 0.67 |
| Siwaliks Y0711 | MN7/8 | 5 | 0.77 | 0.44 | 0.39 | 0.25 | 0.27 | 0.72 | 0.33 | 0.43 | 0.32 | 0.31 | 0.44 | 0.84 | 0.46 | 0.93 | 0.91 | 0.60 | 0.99 | 0.49 | 0.24 |
| Mae Moh | MN6 | 9 | 0.21 | 0.88 | 0.79 | 0.15 | 0.50 | 0.56 | 0.62 | 0.39 | 0.64 | 0.65 | 0.39 | 0.73 | 0.41 | 0.14 | 0.11 | 0.87 | 0.32 | 0.05 | 0.46 |
| Catakbagyaka | MN6 | 12 | 0.48 | 0.37 | 0.27 | 0.10 | 0.91 | 0.74 | 0.83 | 0.35 | 0.55 | 0.57 | 0.37 | 0.62 | 0.39 | 0.67 | 0.27 | 0.98 | 0.72 | 0.98 | 0.99 |
| Dev?nsk? Nov? Ves | MN6 | 38 | 0.27 | 0.61 | 0.96 | 0.02 | 0.75 | 0.39 | 0.98 | 0.57 | 0.81 | 0.94 | 0.63 | 1.00 | 0.26 | 0.69 | 0.31 | 0.99 | 0.66 | 1.00 | 0.83 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Four | MN6 | 8 | 0.22 | 0.40 | 0.33 | 0.15 | 0.54 | 0.19 | 0.65 | 0.39 | 0.69 | 0.68 | 0.41 | 0.75 | 0.42 | 0.52 | 0.13 | 0.92 | 0.33 | 0.96 | 0.82 |
| Samburu Hills (Aka A | MN6 | 14 | 0.12 | 0.98 | 1.00 | 0.96 | 0.97 | 0.72 | 0.96 | 0.97 | 0.99 | 0.52 | 0.98 | 0.89 | 0.37 | 0.99 | 1.00 | 0.72 | 0.70 | 0.09 | 0.07 |
| Simorre | MN6 | 16 | 0.40 | 0.84 | 0.92 | 0.05 | 0.95 | 0.88 | 0.97 | 0.80 | 0.77 | 0.78 | 0.34 | 0.85 | 0.87 | 0.57 | 0.20 | 1.00 | 0.66 | 1.00 | 1.00 |
| Candir (Loc. 3) | MN6 | 31 | 0.17 | 0.67 | 0.12 | 0.18 | 0.67 | 0.26 | 0.88 | 0.21 | 0.90 | 0.88 | 0.25 | 1.00 | 0.28 | 0.93 | 0.82 | 1.00 | 0.99 | 1.00 | 0.99 |
| Fort Ternan | MN6 | 27 | 0.04 | 0.68 | 0.99 | 0.85 | 0.95 | 0.32 | 0.46 | 0.91 | 0.49 | 0.24 | 0.70 | 0.33 | 0.75 | 1.00 | 1.00 | 0.89 | 1.00 | 0.57 | 0.05 |
| Siwaliks Y0491 | MN6 | 11 | 0.18 | 0.88 | 0.96 | 0.42 | 0.77 | 0.53 | 0.61 | 0.37 | 0.88 | 0.61 | 0.87 | 0.68 | 0.41 | 1.00 | 0.67 | 0.95 | 1.00 | 0.44 | 0.76 |
| Al Jadidah | MN6 | 8 | 0.22 | 0.91 | 0.97 | 0.18 | 0.97 | 0.60 | 0.69 | 0.39 | 0.92 | 0.25 | 0.41 | 0.74 | 0.92 | 0.97 | 0.93 | 0.91 | 0.34 | 0.83 | 0.52 |
| Alhambra-T?neles | MN6 | 9 | 0.20 | 0.88 | 0.78 | 0.14 | 0.50 | 0.55 | 0.89 | 0.38 | 0.65 | 0.66 | 0.39 | 0.93 | 0.43 | 0.14 | 0.10 | 1.00 | 0.31 | 0.93 | 0.47 |
| Arroyo del Val | MN6 | 14 | 0.44 | 0.35 | 0.27 | 0.06 | 0.09 | 0.10 | 0.46 | 0.32 | 0.15 | 0.95 | 0.35 | 0.58 | 0.37 | 0.28 | 0.05 | 1.00 | 0.69 | 1.00 | 0.99 |
| Arroyo del Val VI | MN6 | 5 | 0.29 | 0.45 | 0.39 | 0.25 | 0.25 | 0.28 | 0.80 | 0.44 | 0.32 | 0.32 | 0.45 | 0.35 | 0.46 | 0.69 | 0.21 | 0.98 | 0.89 | 0.79 | 0.67 |
| Beni Mellal | MN6 | 5 | 0.34 | 0.45 | 0.41 | 0.28 | 0.29 | 0.31 | 0.34 | 0.45 | 0.35 | 0.83 | 0.45 | 0.39 | 1.00 | 0.75 | 0.70 | 0.22 | 0.41 | 0.56 | 0.72 |
| Castelnau-d'Arbieu | MN6 | 19 | 0.33 | 0.80 | 0.88 | 0.21 | 0.77 | 0.84 | 1.00 | 0.76 | 0.73 | 0.98 | 0.33 | 0.99 | 0.36 | 0.25 | 0.15 | 0.99 | 0.21 | 1.00 | 0.48 |
| Chatzloch | MN6 | 5 | 0.30 | 0.44 | 0.38 | 0.24 | 0.26 | 0.27 | 0.78 | 0.42 | 0.32 | 0.78 | 0.43 | 0.36 | 0.45 | 0.25 | 0.22 | 0.98 | 0.39 | 0.81 | 0.71 |
| Devensk Novue Ves | MN6 | 5 | 0.33 | 0.46 | 0.40 | 0.28 | 0.77 | 0.78 | 0.84 | 0.44 | 0.35 | 0.84 | 0.46 | 0.87 | 0.46 | 0.30 | 0.26 | 0.22 | 0.41 | 0.58 | 0.94 |
| Devensk Novue Ves | MN6 | 21 | 0.57 | 0.29 | 0.99 | 0.13 | 0.86 | 0.47 | 0.84 | 0.73 | 0.87 | 0.63 | 0.75 | 1.00 | 0.32 | 0.67 | 0.24 | 0.99 | 0.55 | 1.00 | 0.58 |
| Elgg | MN6 | 5 | 0.31 | 0.44 | 0.38 | 0.26 | 0.94 | 0.73 | 0.32 | 0.43 | 0.82 | 0.78 | 0.44 | 0.83 | 0.44 | 0.25 | 0.22 | 0.87 | 0.39 | 0.80 | 0.67 |
| Gallenbach 2b | MN6 | 7 | 0.67 | 0.42 | 0.36 | 0.18 | 0.61 | 0.21 | 0.94 | 0.40 | 0.72 | 1.00 | 0.43 | 1.00 | 0.44 | 0.19 | 0.16 | 0.95 | 0.35 | 0.32 | 0.97 |
| Gisseltshausen 1a | MN6 | 5 | 0.36 | 0.46 | 0.42 | 0.29 | 0.30 | 0.32 | 1.00 | 0.44 | 0.35 | 1.00 | 0.45 | 0.99 | 0.46 | 0.30 | 0.27 | 0.99 | 0.40 | 0.56 | 1.00 |
| Gisseltshausen 1b | MN6 | 8 | 0.71 | 0.93 | 0.99 | 0.21 | 0.65 | 0.70 | 1.00 | 0.42 | 0.76 | 0.96 | 0.43 | 1.00 | 0.44 | 0.63 | 0.18 | 0.96 | 0.37 | 0.11 | 0.89 |
| Haulies | MN6 | 9 | 0.58 | 0.89 | 0.78 | 0.15 | 0.95 | 0.97 | 0.90 | 0.38 | 0.91 | 0.24 | 0.38 | 1.00 | 0.42 | 0.51 | 0.41 | 1.00 | 0.78 | 0.92 | 0.79 |
| Henares 1 | MN6 | 8 | 0.63 | 0.41 | 0.35 | 0.16 | 0.18 | 0.19 | 0.69 | 0.40 | 0.27 | 0.92 | 0.41 | 0.99 | 0.43 | 0.55 | 0.12 | 1.00 | 0.81 | 0.95 | 0.99 |
| Hezheng-laogou | MN6 | 15 | 0.40 | 0.81 | 0.67 | 0.06 | 0.83 | 0.66 | 0.76 | 0.33 | 0.75 | 0.94 | 0.35 | 0.86 | 0.86 | 0.28 | 0.20 | 1.00 | 0.65 | 0.98 | 1.00 |
| Inonu I (Sinap 24A) | MN6 | 20 | 0.07 | 0.79 | 0.58 | 0.40 | 0.96 | 0.53 | 0.96 | 0.29 | 0.89 | 0.71 | 0.30 | 1.00 | 0.34 | 0.96 | 0.78 | 1.00 | 0.85 | 0.94 | 0.98 |
| Jiulongkou | MN6 | 11 | 0.15 | 0.38 | 0.75 | 0.11 | 0.40 | 0.14 | 0.19 | 0.36 | 0.86 | 0.87 | 0.38 | 0.92 | 0.40 | 0.12 | 0.31 | 0.80 | 0.28 | 0.85 | 0.97 |
| Junggar-Botamoyin | MN6 | 12 | 0.50 | 0.85 | 0.94 | 0.10 | 0.91 | 0.76 | 0.84 | 0.34 | 0.96 | 1.00 | 0.38 | 0.99 | 0.39 | 0.39 | 0.06 | 0.97 | 0.27 | 0.79 | 1.00 |
| Junggar-chibaerwoy | MN6 | 6 | 0.73 | 0.43 | 0.84 | 0.22 | 0.65 | 0.67 | 0.76 | 0.41 | 0.76 | 0.96 | 0.43 | 0.80 | 0.45 | 0.65 | 0.55 | 0.97 | 0.37 | 0.73 | 1.00 |
| Junggar-Ganqikairixi | MN6 | 5 | 0.30 | 0.44 | 0.39 | 0.26 | 0.27 | 0.28 | 0.78 | 0.43 | 0.31 | 0.97 | 0.44 | 0.84 | 0.46 | 0.24 | 0.22 | 0.57 | 0.39 | 0.48 | 0.93 |
| Junggar-Tieersihaba | MN6 | 14 | 0.15 | 0.85 | 0.93 | 0.09 | 0.39 | 0.44 | 0.85 | 0.35 | 0.55 | 0.97 | 0.37 | 0.90 | 0.39 | 0.36 | 0.07 | 0.98 | 0.28 | 0.81 | 0.86 |
| Karashigar | MN6 | 8 | 0.28 | 0.43 | 0.85 | 0.21 | 0.66 | 0.25 | 0.28 | 0.41 | 0.31 | 0.30 | 0.43 | 0.34 | 0.45 | 0.63 | 0.18 | 0.15 | 0.85 | 0.10 | 0.61 |
| Kipsaramon 1 | MN6 | 19 | 0.31 | 0.33 | 0.58 | 0.88 | 0.97 | 0.99 | 0.88 | 0.95 | 0.39 | 0.40 | 0.96 | 0.17 | 0.83 | 0.99 | 1.00 | 0.08 | 0.19 | 0.13 | 0.42 |
| La Barranca | MN6 | 11 | 0.52 | 0.39 | 0.28 | 0.11 | 0.41 | 0.15 | 0.56 | 0.36 | 0.59 | 0.86 | 0.38 | 0.92 | 0.40 | 0.11 | 0.07 | 1.00 | 0.27 | 1.00 | 0.88 |
| Liet | MN6 | 9 | 0.65 | 0.41 | 0.80 | 0.52 | 0.57 | 0.58 | 0.99 | 0.38 | 0.69 | 1.00 | 0.90 | 0.99 | 0.42 | 0.53 | 0.43 | 0.99 | 0.82 | 0.83 | 0.96 |
| Maboko | MN6 | 38 | 0.02 | 0.91 | 0.97 | 0.93 | 1.00 | 0.97 | 0.81 | 0.86 | 1.00 | 0.14 | 0.98 | 0.53 | 0.70 | 1.00 | 1.00 | 0.38 | 0.67 | 0.06 | 0.02 |
| Manchones 1 | MN6 | 12 | 0.18 | 0.40 | 0.77 | 0.12 | 0.13 | 0.16 | 0.60 | 0.37 | 0.22 | 0.61 | 0.38 | 0.72 | 0.40 | 0.76 | 0.10 | 1.00 | 0.76 | 0.90 | 0.74 |
| Manchones 2 | MN6 | 6 | 0.29 | 0.44 | 0.37 | 0.21 | 0.23 | 0.24 | 0.28 | 0.42 | 0.29 | 0.75 | 0.43 | 0.34 | 0.45 | 0.66 | 0.17 | 1.00 | 0.86 | 0.92 | 0.90 |
| Mettlen 4 | MN6 | 5 | 0.30 | 0.44 | 0.39 | 0.25 | 0.25 | 0.27 | 0.78 | 0.42 | 0.32 | 0.97 | 0.43 | 0.36 | 0.45 | 0.26 | 0.23 | 0.87 | 0.39 | 0.48 | 0.92 |
| Moraleja de Enmedi | MN6 | 6 | 0.29 | 0.44 | 0.39 | 0.23 | 0.26 | 0.26 | 0.80 | 0.42 | 0.34 | 0.81 | 0.43 | 0.86 | 0.45 | 0.68 | 0.20 | 0.86 | 0.87 | 1.00 | 0.99 |
| Oeschgraben | MN6 | 5 | 0.32 | 0.44 | 0.39 | 0.25 | 0.27 | 0.29 | 0.97 | 0.42 | 0.31 | 0.81 | 0.44 | 0.84 | 0.45 | 0.25 | 0.22 | 0.89 | 0.39 | 0.96 | 0.69 |
| Paracuellos 2 | MN6 | 5 | 0.29 | 0.94 | 0.88 | 0.26 | 0.70 | 0.72 | 0.97 | 0.44 | 0.80 | 0.78 | 0.45 | 1.00 | 0.45 | 0.24 | 0.22 | 0.97 | 0.40 | 0.80 | 0.68 |
| Paracuellos 3 | MN6 | 17 | 0.35 | 0.82 | 0.63 | 0.04 | 0.50 | 0.28 | 0.91 | 0.30 | 0.71 | 0.98 | 0.32 | 0.99 | 0.36 | 0.23 | 0.03 | 1.00 | 0.61 | 1.00 | 0.97 |
| Paracuellos 5 | MN6 | 15 | 0.11 | 0.82 | 0.62 | 0.06 | 0.59 | 0.33 | 0.94 | 0.32 | 0.79 | 0.94 | 0.35 | 1.00 | 0.38 | 0.28 | 0.04 | 1.00 | 0.67 | 1.00 | 0.93 |
| Pasalar | MN6 | 40 | 0.07 | 0.86 | 0.62 | 0.06 | 0.67 | 0.33 | 0.99 | 0.50 | 0.97 | 1.00 | 0.59 | 1.00 | 0.22 | 0.89 | 0.38 | 1.00 | 0.95 | 1.00 | 0.98 |
| Prebreza | MN6 | 9 | 0.20 | 0.88 | 0.78 | 0.48 | 0.82 | 0.55 | 0.98 | 0.38 | 0.91 | 0.65 | 0.40 | 0.99 | 0.92 | 0.79 | 0.40 | 1.00 | 0.79 | 0.78 | 0.78 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Qaidam-Olongbuluk | MN6 | 5 | 0.30 | 0.44 | 0.39 | 0.26 | 0.26 | 0.27 | 0.81 | 0.43 | 0.33 | 1.00 | 0.44 | 0.85 | 0.45 | 0.26 | 0.21 | 0.60 | 0.39 | 0.14 | 1.00 |
| R?mikon | MN6 | 11 | 0.84 | 0.38 | 0.78 | 0.43 | 0.78 | 0.50 | 0.87 | 0.37 | 0.89 | 1.00 | 0.88 | 0.99 | 0.41 | 0.44 | 0.37 | 0.99 | 0.77 | 0.88 | 0.92 |
| Sansan | MN6 | 46 | 0.04 | 0.85 | 0.92 | 0.04 | 0.71 | 0.65 | 1.00 | 0.45 | 0.85 | 0.99 | 0.53 | 1.00 | 0.21 | 0.51 | 0.06 | 1.00 | 0.78 | 1.00 | 0.99 |
| Schwamendingen | MN6 | 6 | 0.69 | 0.43 | 0.86 | 0.64 | 0.63 | 0.69 | 0.99 | 0.41 | 0.75 | 1.00 | 0.92 | 1.00 | 0.45 | 0.64 | 0.55 | 0.82 | 0.85 | 0.11 | 0.87 |
| St?tzling | MN6 | 21 | 0.32 | 0.77 | 0.59 | 0.19 | 0.75 | 0.55 | 0.97 | 0.30 | 0.97 | 1.00 | 0.79 | 1.00 | 0.35 | 0.73 | 0.61 | 1.00 | 0.98 | 1.00 | 0.99 |
| Tairum Nor | MN6 | 10 | 0.17 | 0.38 | 0.30 | 0.13 | 0.13 | 0.16 | 0.20 | 0.38 | 0.61 | 0.98 | 0.39 | 0.27 | 0.41 | 0.13 | 0.09 | 0.60 | 0.29 | 0.04 | 1.00 |
| Thannhausen | MN6 | 16 | 0.42 | 0.34 | 1.00 | 0.27 | 0.96 | 0.71 | 0.99 | 0.80 | 0.99 | 0.99 | 0.83 | 1.00 | 0.38 | 0.84 | 0.76 | 0.96 | 0.69 | 0.89 | 0.82 |
| Tieersihabahe | MN6 | 7 | 0.33 | 0.45 | 0.41 | 0.27 | 0.28 | 0.32 | 0.34 | 0.44 | 0.36 | 0.35 | 0.45 | 0.38 | 0.46 | 0.30 | 0.26 | 0.23 | 0.41 | 0.17 | 0.73 |
| Tongxin | MN6 | 9 | 0.21 | 0.39 | 0.30 | 0.14 | 0.80 | 0.18 | 0.22 | 0.38 | 0.65 | 0.24 | 0.40 | 0.29 | 0.42 | 0.50 | 0.39 | 0.65 | 0.31 | 0.21 | 0.99 |
| Tongxin-dingjiaergo | MN6 | 12 | 0.15 | 0.36 | 0.72 | 0.35 | 0.38 | 0.13 | 0.56 | 0.35 | 0.83 | 0.97 | 0.37 | 0.66 | 0.39 | 0.35 | 0.59 | 0.98 | 0.73 | 0.34 | 1.00 |
| Tongxin-maerzuizigc | MN6 | 6 | 0.26 | 0.44 | 0.38 | 0.63 | 0.65 | 0.26 | 0.76 | 0.41 | 0.97 | 0.77 | 0.43 | 0.82 | 0.45 | 0.22 | 0.85 | 0.80 | 0.36 | 0.40 | 0.98 |
| Uzwil-Nutzenbuech | MN6 | 8 | 0.24 | 0.43 | 0.83 | 0.58 | 0.61 | 0.62 | 0.93 | 0.41 | 0.72 | 0.99 | 0.90 | 0.79 | 0.45 | 0.56 | 0.51 | 0.99 | 0.84 | 0.66 | 0.86 |
| Wiesholz | MN6 | 5 | 0.76 | 0.44 | 0.40 | 0.24 | 0.25 | 0.27 | 0.96 | 0.44 | 0.34 | 0.98 | 0.44 | 0.35 | 0.45 | 0.26 | 0.20 | 0.88 | 0.38 | 0.13 | 0.68 |
| Akzhal | MN6 | 6 | 0.29 | 0.43 | 0.39 | 0.25 | 0.25 | 0.29 | 0.78 | 0.43 | 0.31 | 0.97 | 0.43 | 0.84 | 0.45 | 0.24 | 0.20 | 0.88 | 0.40 | 0.45 | 0.99 |
| Friedberg | MN6 | 7 | 0.25 | 0.42 | 0.35 | 0.19 | 0.57 | 0.64 | 0.92 | 0.39 | 0.73 | 0.94 | 0.41 | 0.77 | 0.44 | 0.60 | 0.50 | 0.99 | 0.83 | 0.87 | 0.97 |
| Ban San Klang | MN5 | 5 | 0.77 | 0.93 | 0.89 | 0.68 | 0.71 | 0.73 | 0.81 | 0.43 | 0.80 | 0.34 | 0.44 | 0.85 | 0.46 | 0.25 | 0.22 | 0.88 | 0.39 | 0.49 | 0.65 |
| Huai Siew | MN5 | 5 | 0.32 | 0.45 | 0.38 | 0.68 | 0.27 | 0.72 | 0.32 | 0.43 | 0.80 | 0.33 | 0.44 | 0.36 | 0.45 | 0.26 | 0.21 | 0.20 | 0.88 | 0.13 | 0.67 |
| Petersbuch 7 | MN5 | 7 | 0.68 | 0.42 | 0.36 | 0.18 | 0.62 | 0.64 | 1.00 | 0.39 | 0.27 | 0.72 | 0.42 | 0.78 | 0.42 | 0.18 | 0.51 | 0.93 | 0.34 | 0.64 | 0.56 |
| Somosaguas Norte | MN5 | 9 | 0.59 | 0.88 | 0.78 | 0.13 | 0.50 | 0.56 | 0.90 | 0.39 | 0.66 | 0.91 | 0.39 | 0.99 | 0.41 | 0.15 | 0.11 | 1.00 | 0.32 | 0.98 | 0.94 |
| Ardic-Mordogan | MN5 | 11 | 0.16 | 0.38 | 0.27 | 0.11 | 0.43 | 0.13 | 0.16 | 0.35 | 0.19 | 0.87 | 0.38 | 0.24 | 0.39 | 0.98 | 0.30 | 1.00 | 0.95 | 0.95 | 0.97 |
| Derching | MN5 | 7 | 0.25 | 0.91 | 0.98 | 0.17 | 0.88 | 0.65 | 0.99 | 0.89 | 0.99 | 0.93 | 0.41 | 0.78 | 0.43 | 0.87 | 0.96 | 0.99 | 0.83 | 1.00 | 0.85 |
| Griesbeckerzell | MN5 | 12 | 0.22 | 0.41 | 0.81 | 0.53 | 0.87 | 0.60 | 0.91 | 0.38 | 0.94 | 1.00 | 0.90 | 1.00 | 0.42 | 0.54 | 0.44 | 0.89 | 0.81 | 0.27 | 0.96 |
| Laimering 3 | MN5 | 5 | 0.29 | 0.44 | 0.99 | 0.68 | 0.70 | 0.74 | 0.97 | 0.43 | 0.81 | 1.00 | 0.94 | 0.98 | 0.45 | 0.94 | 0.61 | 0.87 | 0.89 | 0.13 | 0.92 |
| Viehhausen | MN5 | 5 | 0.81 | 0.46 | 0.41 | 0.29 | 0.29 | 0.32 | 1.00 | 0.44 | 0.36 | 0.98 | 0.44 | 1.00 | 0.46 | 0.30 | 0.25 | 0.64 | 0.41 | 0.57 | 0.94 |
| Walda 2 | MN5 | 11 | 0.24 | 0.41 | 0.80 | 0.51 | 0.85 | 0.59 | 0.92 | 0.39 | 0.92 | 1.00 | 0.90 | 1.00 | 0.43 | 0.52 | 0.44 | 0.68 | 0.81 | 0.57 | 0.95 |
| Grund | MN5 | 8 | 0.25 | 0.91 | 1.00 | 0.18 | 0.98 | 0.64 | 0.94 | 0.90 | 0.95 | 0.94 | 0.42 | 0.97 | 0.43 | 0.88 | 0.16 | 0.94 | 0.35 | 0.87 | 0.57 |
| Kaloma | MN5 | 8 | 0.22 | 0.91 | 0.81 | 0.83 | 0.82 | 0.58 | 0.91 | 0.87 | 1.00 | 0.69 | 0.89 | 0.96 | 0.42 | 1.00 | 1.00 | 0.98 | 0.97 | 0.27 | 0.50 |
| Kipsaramon 2 | MN5 | 12 | 0.16 | 0.39 | 0.95 | 0.98 | 0.74 | 0.94 | 0.85 | 0.98 | 0.89 | 0.89 | 0.99 | 0.67 | 0.90 | 1.00 | 0.99 | 0.26 | 0.75 | 0.14 | 0.40 |
| Majiwa | MN5 | 21 | 0.08 | 0.97 | 0.88 | 0.89 | 0.98 | 0.94 | 0.90 | 0.76 | 1.00 | 0.43 | 0.97 | 0.83 | 0.85 | 1.00 | 1.00 | 0.76 | 0.87 | 0.17 | 0.21 |
| Ombo | MN5 | 12 | 0.16 | 0.99 | 1.00 | 0.98 | 1.00 | 1.00 | 0.83 | 0.34 | 1.00 | 0.57 | 0.98 | 0.63 | 0.40 | 0.97 | 1.00 | 0.51 | 0.95 | 0.60 | 0.08 |
| Samburu Hills (Nach | MN5 | 15 | 0.11 | 0.84 | 0.99 | 0.95 | 0.99 | 0.90 | 0.78 | 1.00 | 0.99 | 0.49 | 0.99 | 0.61 | 0.36 | 0.95 | 1.00 | 0.41 | 0.68 | 0.08 | 0.30 |
| Sinda | MN5 | 8 | 0.22 | 0.41 | 0.82 | 0.82 | 0.99 | 1.00 | 0.99 | 0.40 | 1.00 | 0.69 | 0.89 | 0.99 | 0.43 | 0.52 | 0.99 | 0.99 | 0.79 | 0.57 | 0.15 |
| Tugen Hills (BPRP 89 | MN5 | 10 | 0.18 | 0.88 | 0.77 | 1.00 | 0.94 | 0.82 | 0.59 | 0.86 | 0.98 | 0.88 | 0.88 | 0.67 | 0.91 | 1.00 | 0.99 | 0.28 | 0.75 | 0.03 | 0.40 |
| Tugen Hills 1 | MN5 | 5 | 0.30 | 0.44 | 0.39 | 0.26 | 0.95 | 0.94 | 0.30 | 0.92 | 0.32 | 0.31 | 0.44 | 0.36 | 0.95 | 0.70 | 0.98 | 0.58 | 0.38 | 0.48 | 0.67 |
| Al-Sarrar | MN5 | 12 | 0.50 | 0.99 | 0.99 | 0.36 | 0.89 | 0.93 | 0.99 | 0.34 | 1.00 | 0.86 | 0.85 | 0.91 | 0.40 | 0.89 | 0.94 | 1.00 | 0.99 | 0.98 | 0.97 |
| Armantes 3 | MN5 | 6 | 0.28 | 0.43 | 0.36 | 0.64 | 0.64 | 0.25 | 0.99 | 0.42 | 0.96 | 0.75 | 0.44 | 1.00 | 0.44 | 0.22 | 0.56 | 0.99 | 0.86 | 0.71 | 0.89 |
| Arrisdrift | MN5 | 21 | 0.58 | 0.75 | 0.56 | 0.37 | 0.17 | 0.51 | 0.31 | 0.74 | 0.87 | 0.34 | 0.77 | 0.49 | 0.81 | 0.99 | 0.96 | 0.41 | 0.86 | 0.44 | 0.15 |
| Arroyo del Olivar | MN5 | 5 | 0.30 | 0.94 | 0.87 | 0.24 | 0.70 | 0.73 | 0.97 | 0.42 | 0.80 | 0.97 | 0.44 | 0.99 | 0.45 | 0.26 | 0.21 | 1.00 | 0.38 | 0.80 | 0.91 |
| Auverse MN5 | MN5 | 25 | 0.51 | 0.28 | 0.81 | 0.28 | 0.59 | 0.41 | 1.00 | 0.26 | 0.94 | 0.95 | 0.73 | 1.00 | 0.31 | 0.31 | 0.41 | 1.00 | 0.50 | 1.00 | 0.75 |
| Baigneaux-en-Beauc | MN5 | 33 | 0.84 | 0.93 | 0.72 | 0.40 | 0.68 | 0.78 | 1.00 | 0.62 | 0.99 | 0.97 | 0.68 | 1.00 | 0.74 | 0.20 | 0.45 | 1.00 | 0.72 | 1.00 | 0.37 |
| Belometchetskaja | MN5 | 27 | 0.03 | 0.70 | 0.94 | 0.26 | 0.96 | 0.60 | 0.99 | 0.64 | 0.77 | 0.76 | 0.70 | 0.96 | 0.30 | 0.96 | 0.54 | 1.00 | 1.00 | 0.74 | 0.98 |
| Birosse | MN5 | 11 | 0.83 | 0.38 | 0.75 | 0.39 | 0.41 | 0.48 | 0.96 | 0.35 | 0.59 | 0.87 | 0.37 | 0.99 | 0.41 | 0.42 | 0.07 | 0.55 | 0.74 | 0.37 | 0.69 |
| Breil MN5 | MN5 | 19 | 0.63 | 0.79 | 0.98 | 0.19 | 0.99 | 0.99 | 1.00 | 0.75 | 0.97 | 0.92 | 0.80 | 1.00 | 0.35 | 0.74 | 0.57 | 0.99 | 0.59 | 0.99 | 0.88 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Buchberg-Erlistrasse | MN5 | 5 | 0.77 | 0.94 | 0.99 | 0.72 | 0.94 | 0.94 | 1.00 | 0.43 | 0.97 | 0.80 | 0.94 | 0.98 | 0.45 | 0.71 | 0.63 | 0.98 | 0.88 | 0.13 | 0.24 |
| Channay-sur-Lathan | MN5 | 34 | 0.12 | 0.65 | 0.98 | 0.15 | 0.80 | 0.49 | 1.00 | 0.58 | 0.95 | 0.99 | 0.64 | 1.00 | 0.26 | 0.36 | 0.20 | 1.00 | 0.39 | 1.00 | 0.73 |
| Chavaignes MN5 | MN5 | 17 | 0.32 | 0.32 | 0.88 | 0.49 | 0.76 | 0.60 | 1.00 | 0.75 | 0.92 | 1.00 | 0.79 | 1.00 | 0.37 | 0.50 | 0.64 | 1.00 | 0.64 | 0.97 | 0.89 |
| Chios | MN5 | 10 | 0.20 | 0.99 | 0.77 | 0.93 | 0.99 | 0.50 | 0.88 | 0.36 | 0.99 | 0.63 | 0.87 | 0.94 | 0.40 | 0.98 | 0.97 | 0.99 | 0.96 | 0.73 | 0.43 |
| Cl?r?-les-Pins MN5 | MN5 | 22 | 0.56 | 0.77 | 0.97 | 0.16 | 0.99 | 0.98 | 1.00 | 0.72 | 0.97 | 0.97 | 0.76 | 1.00 | 0.81 | 0.68 | 0.51 | 1.00 | 0.55 | 1.00 | 0.82 |
| Contres MN 5 | MN5 | 25 | 0.51 | 0.28 | 0.81 | 0.31 | 0.60 | 0.42 | 1.00 | 0.25 | 0.95 | 1.00 | 0.72 | 1.00 | 0.31 | 0.34 | 0.41 | 1.00 | 0.51 | 0.99 | 0.89 |
| Crastes | MN5 | 5 | 0.31 | 0.94 | 0.99 | 0.24 | 0.99 | 0.95 | 1.00 | 0.92 | 0.97 | 0.33 | 0.44 | 0.85 | 0.45 | 0.67 | 0.64 | 0.97 | 0.38 | 0.82 | 0.23 |
| Denezo-sous-le-Lud | MN5 | 16 | 0.42 | 0.35 | 0.93 | 0.59 | 0.86 | 0.67 | 1.00 | 0.33 | 0.99 | 0.95 | 0.81 | 1.00 | 0.38 | 0.63 | 0.74 | 0.99 | 0.67 | 0.99 | 0.82 |
| Dzhilanchik (Uly-Dzh | MN5 | 11 | 0.18 | 0.87 | 0.76 | 0.11 | 0.46 | 0.51 | 0.97 | 0.37 | 0.64 | 0.98 | 0.39 | 1.00 | 0.43 | 0.13 | 0.10 | 0.99 | 0.30 | 0.20 | 0.93 |
| Edelbeuren-Maurer | MN5 | 9 | 0.60 | 0.89 | 0.97 | 0.49 | 0.80 | 0.84 | 1.00 | 0.38 | 0.90 | 0.98 | 0.89 | 0.99 | 0.42 | 0.45 | 0.37 | 0.97 | 0.97 | 0.77 | 0.47 |
| Edelbeuren-Schlacht | MN5 | 5 | 0.77 | 0.44 | 0.88 | 0.67 | 0.94 | 0.73 | 0.81 | 0.43 | 0.97 | 0.97 | 0.95 | 1.00 | 0.46 | 0.71 | 0.64 | 0.87 | 0.87 | 0.48 | 0.70 |
| Eibiswald | MN5 | 7 | 0.91 | 0.41 | 0.98 | 0.19 | 0.88 | 0.21 | 0.71 | 0.90 | 0.94 | 0.72 | 0.42 | 0.97 | 0.45 | 0.57 | 0.52 | 0.77 | 0.34 | 0.97 | 0.55 |
| Enghausen | MN5 | 5 | 0.29 | 0.94 | 0.99 | 0.25 | 0.99 | 0.94 | 1.00 | 0.93 | 0.97 | 0.79 | 0.44 | 0.98 | 0.45 | 0.69 | 0.63 | 0.98 | 0.89 | 0.96 | 0.93 |
| Estaci?n Imperial (M | MN5 | 10 | 0.85 | 0.38 | 0.30 | 0.43 | 0.14 | 0.16 | 0.98 | 0.36 | 0.61 | 0.89 | 0.39 | 0.93 | 0.40 | 0.12 | 0.36 | 0.99 | 0.31 | 0.90 | 0.93 |
| Esvres - Marine Falu | MN5 | 52 | 0.12 | 0.51 | 0.92 | 0.04 | 0.65 | 0.63 | 1.00 | 0.46 | 0.83 | 0.99 | 0.51 | 1.00 | 0.60 | 0.28 | 0.12 | 1.00 | 0.24 | 1.00 | 1.00 |
| Faluns of Touraine & | MN5 | 9 | 0.22 | 0.42 | 0.34 | 0.15 | 0.55 | 0.60 | 0.67 | 0.40 | 0.67 | 0.25 | 0.41 | 0.96 | 0.43 | 0.16 | 0.45 | 0.92 | 0.35 | 0.99 | 0.81 |
| G?riach | MN5 | 26 | 0.05 | 0.27 | 0.85 | 0.12 | 0.37 | 0.19 | 0.94 | 0.26 | 0.62 | 0.99 | 0.73 | 1.00 | 0.32 | 0.36 | 0.07 | 1.00 | 0.54 | 1.00 | 0.90 |
| Genneteil MN5 | MN5 | 8 | 0.64 | 0.41 | 0.97 | 0.53 | 0.97 | 0.59 | 1.00 | 0.88 | 0.92 | 1.00 | 0.90 | 1.00 | 0.43 | 0.83 | 0.45 | 0.98 | 0.80 | 0.95 | 0.51 |
| Georgensgm?nd | MN5 | 9 | 0.57 | 0.40 | 0.79 | 0.47 | 0.80 | 0.18 | 0.98 | 0.87 | 0.90 | 0.65 | 0.39 | 1.00 | 0.42 | 0.47 | 0.41 | 0.99 | 0.33 | 0.93 | 0.49 |
| Guanghe-wangshijie | MN5 | 6 | 0.29 | 0.92 | 0.84 | 0.22 | 0.65 | 0.69 | 0.95 | 0.41 | 0.77 | 0.76 | 0.43 | 0.99 | 0.45 | 0.22 | 0.17 | 0.96 | 0.86 | 0.92 | 0.98 |
| H?der | MN5 | 9 | 0.22 | 0.40 | 0.33 | 0.16 | 0.19 | 0.19 | 0.99 | 0.39 | 0.25 | 0.92 | 0.41 | 0.99 | 0.42 | 0.17 | 0.13 | 0.90 | 0.33 | 0.99 | 0.99 |
| H?llistein | MN5 | 7 | 0.67 | 0.91 | 0.98 | 0.57 | 0.89 | 0.90 | 1.00 | 0.41 | 0.94 | 0.94 | 0.92 | 1.00 | 0.43 | 0.59 | 0.48 | 0.99 | 0.84 | 0.33 | 0.55 |
| Hambach 6C | MN5 | 19 | 0.31 | 0.32 | 0.58 | 0.20 | 0.50 | 0.55 | 0.97 | 0.29 | 0.72 | 1.00 | 0.79 | 0.99 | 0.34 | 0.22 | 0.35 | 0.90 | 0.61 | 0.95 | 0.70 |
| Heggbach | MN5 | 11 | 0.84 | 0.87 | 0.95 | 0.40 | 0.92 | 0.80 | 1.00 | 0.35 | 0.98 | 0.97 | 0.87 | 1.00 | 0.41 | 0.40 | 0.30 | 1.00 | 0.74 | 0.66 | 0.89 |
| Hommes MN5 | MN5 | 26 | 0.20 | 0.71 | 0.99 | 0.47 | 0.90 | 0.82 | 1.00 | 0.67 | 0.98 | 0.92 | 0.72 | 1.00 | 0.31 | 0.51 | 0.37 | 1.00 | 0.47 | 0.99 | 0.86 |
| Kalkaman lake | MN5 | 17 | 0.12 | 0.34 | 0.24 | 0.05 | 0.62 | 0.66 | 0.93 | 0.32 | 0.14 | 0.94 | 0.35 | 0.85 | 0.37 | 0.28 | 0.19 | 0.36 | 0.65 | 0.44 | 1.00 |
| Kalodirr | MN5 | 22 | 0.29 | 0.96 | 1.00 | 0.98 | 0.99 | 0.89 | 0.95 | 0.93 | 1.00 | 0.35 | 0.75 | 0.78 | 0.81 | 0.85 | 1.00 | 0.20 | 0.57 | 0.02 | 0.15 |
| La Condoue | MN5 | 8 | 0.69 | 0.92 | 1.00 | 0.58 | 1.00 | 0.99 | 1.00 | 0.90 | 0.95 | 0.71 | 0.91 | 1.00 | 0.42 | 0.87 | 0.81 | 0.76 | 0.83 | 0.66 | 0.18 |
| La Hidroelectrica Ma | MN5 | 15 | 0.42 | 0.83 | 0.68 | 0.26 | 0.59 | 0.68 | 1.00 | 0.32 | 0.78 | 0.99 | 0.34 | 1.00 | 0.36 | 0.06 | 0.20 | 1.00 | 0.23 | 0.66 | 1.00 |
| La Retama | MN5 | 13 | 0.82 | 0.87 | 0.71 | 0.36 | 0.40 | 0.46 | 1.00 | 0.34 | 0.85 | 0.85 | 0.37 | 1.00 | 0.39 | 0.10 | 0.28 | 1.00 | 0.29 | 1.00 | 0.96 |
| Lasse MN5 | MN5 | 33 | 0.35 | 0.67 | 0.92 | 0.14 | 0.80 | 0.71 | 1.00 | 0.20 | 0.95 | 0.99 | 0.65 | 1.00 | 0.27 | 0.18 | 0.21 | 1.00 | 0.39 | 1.00 | 0.96 |
| Li Mae Long | MN5 | 9 | 0.20 | 0.40 | 0.32 | 0.14 | 0.50 | 0.18 | 0.21 | 0.38 | 0.22 | 0.89 | 0.39 | 0.29 | 0.42 | 0.15 | 0.39 | 0.67 | 0.33 | 0.52 | 0.78 |
| Los Nogales | MN5 | 12 | 0.83 | 0.87 | 0.74 | 0.42 | 0.43 | 0.46 | 1.00 | 0.35 | 0.86 | 0.60 | 0.38 | 1.00 | 0.41 | 0.11 | 0.31 | 0.99 | 0.28 | 0.86 | 0.88 |
| Lubl? MN5 | MN5 | 7 | 0.25 | 0.42 | 0.35 | 0.18 | 0.19 | 0.22 | 0.26 | 0.40 | 0.27 | 0.94 | 0.42 | 0.77 | 0.44 | 0.19 | 0.15 | 0.75 | 0.34 | 0.87 | 0.56 |
| M?nzenberg (Leobe | MN5 | 7 | 0.68 | 0.41 | 0.35 | 0.19 | 0.59 | 0.22 | 0.25 | 0.41 | 0.74 | 0.27 | 0.42 | 1.00 | 0.43 | 0.19 | 0.15 | 0.99 | 0.35 | 1.00 | 0.57 |
| M?on MN5 | MN5 | 12 | 0.50 | 0.36 | 0.94 | 0.69 | 0.90 | 0.46 | 1.00 | 0.83 | 0.97 | 0.99 | 0.85 | 1.00 | 0.41 | 0.68 | 0.57 | 0.90 | 0.72 | 0.80 | 0.67 |
| Manchar 1 | MN5 | 22 | 0.58 | 0.77 | 0.56 | 0.63 | 0.42 | 0.98 | 0.32 | 0.28 | 1.00 | 0.66 | 0.77 | 0.48 | 0.35 | 0.87 | 0.73 | 0.63 | 1.00 | 0.44 | 0.81 |
| Manchar 2 | MN5 | 14 | 0.43 | 0.83 | 0.68 | 0.29 | 0.64 | 0.90 | 0.44 | 0.33 | 0.82 | 0.49 | 0.82 | 0.60 | 0.38 | 0.99 | 0.76 | 0.95 | 1.00 | 0.72 | 0.82 |
| Meign?-le-Vicomte I | MN5 | 25 | 0.46 | 0.27 | 0.80 | 0.27 | 0.60 | 0.16 | 1.00 | 0.68 | 0.80 | 1.00 | 0.74 | 1.00 | 0.32 | 0.30 | 0.19 | 1.00 | 0.48 | 1.00 | 0.96 |
| Montejo de la Vega | MN5 | 8 | 0.65 | 0.90 | 0.98 | 0.16 | 0.54 | 0.59 | 0.91 | 0.39 | 0.69 | 0.69 | 0.40 | 1.00 | 0.42 | 0.53 | 0.12 | 1.00 | 0.34 | 0.99 | 0.82 |
| Moratines | MN5 | 9 | 0.61 | 0.39 | 0.31 | 0.48 | 0.16 | 0.19 | 1.00 | 0.38 | 0.65 | 0.92 | 0.39 | 0.94 | 0.41 | 0.15 | 0.40 | 1.00 | 0.30 | 0.78 | 0.78 |
| Morourot | MN5 | 8 | 0.24 | 1.00 | 0.98 | 0.86 | 0.87 | 0.92 | 0.99 | 0.41 | 1.00 | 0.94 | 0.92 | 1.00 | 1.00 | 0.98 | 1.00 | 0.99 | 0.99 | 0.34 | 0.57 |
| Noyant-sous-le-Lud | MN5 | 41 | 0.27 | 0.61 | 0.97 | 0.25 | 0.88 | 0.82 | 1.00 | 0.55 | 0.94 | 1.00 | 0.62 | 1.00 | 0.25 | 0.26 | 0.13 | 1.00 | 0.34 | 1.00 | 0.92 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| O'Donnell | MN5 | 6 | 0.72 | 0.44 | 0.38 | 0.22 | 0.22 | 0.24 | 0.74 | 0.41 | 0.30 | 0.77 | 0.44 | 0.33 | 0.44 | 0.22 | 0.17 | 0.83 | 0.37 | 0.39 | 0.63 |
| Oggenhausen 1 | MN5 | 6 | 0.28 | 0.93 | 0.98 | 0.22 | 0.90 | 0.92 | 0.99 | 0.91 | 0.76 | 0.77 | 0.43 | 0.97 | 0.43 | 0.90 | 0.55 | 0.83 | 0.86 | 0.91 | 0.98 |
| PAR-Penuelas (Madr | MN5 | 5 | 0.29 | 0.93 | 0.89 | 0.23 | 0.69 | 0.75 | 1.00 | 0.43 | 0.80 | 0.81 | 0.44 | 1.00 | 0.46 | 0.26 | 0.21 | 0.87 | 0.38 | 0.48 | 0.93 |
| Paseo de la Esparan | MN5 | 8 | 0.62 | 0.41 | 0.80 | 0.83 | 0.55 | 0.59 | 1.00 | 0.39 | 0.93 | 0.92 | 0.90 | 1.00 | 0.43 | 0.55 | 0.77 | 0.98 | 0.82 | 0.57 | 0.82 |
| Paseo de las Acacias | MN5 | 11 | 0.83 | 0.37 | 0.73 | 0.72 | 0.40 | 0.47 | 1.00 | 0.36 | 0.86 | 0.97 | 0.86 | 1.00 | 0.40 | 0.40 | 0.63 | 1.00 | 0.75 | 0.86 | 0.90 |
| Pont-Boutard MN5 | MN5 | 28 | 0.45 | 0.71 | 0.94 | 0.23 | 0.96 | 0.81 | 1.00 | 0.65 | 0.98 | 0.99 | 0.71 | 1.00 | 0.77 | 0.27 | 0.30 | 1.00 | 0.45 | 1.00 | 0.84 |
| Pontign? MN5 | MN5 | 40 | 0.25 | 0.61 | 0.96 | 0.10 | 0.85 | 0.59 | 1.00 | 0.54 | 0.92 | 0.99 | 0.61 | 1.00 | 0.68 | 0.25 | 0.13 | 1.00 | 0.35 | 1.00 | 0.89 |
| Pontlevoy | MN5 | 30 | 0.15 | 0.66 | 0.72 | 0.00 | 0.65 | 0.73 | 1.00 | 0.61 | 0.43 | 0.97 | 0.25 | 0.95 | 0.27 | 0.18 | 0.10 | 1.00 | 0.12 | 1.00 | 0.76 |
| Poudenas-Peyrecrec | MN5 | 11 | 0.17 | 0.86 | 1.00 | 0.38 | 1.00 | 0.99 | 1.00 | 0.85 | 0.97 | 1.00 | 0.87 | 1.00 | 0.41 | 0.71 | 0.63 | 0.94 | 0.75 | 0.65 | 0.97 |
| Puente de Toledo | MN5 | 8 | 0.23 | 0.92 | 0.82 | 0.57 | 0.62 | 0.65 | 1.00 | 0.40 | 0.94 | 0.72 | 0.43 | 1.00 | 0.44 | 0.19 | 0.49 | 0.99 | 0.36 | 0.65 | 0.85 |
| Puente de Vallecas | MN5 | 19 | 0.30 | 0.76 | 0.57 | 0.19 | 0.88 | 0.52 | 1.00 | 0.28 | 0.88 | 0.97 | 0.32 | 1.00 | 0.35 | 0.17 | 0.13 | 1.00 | 0.19 | 0.98 | 0.99 |
| Rill? MN5 | MN5 | 15 | 0.71 | 0.35 | 0.67 | 0.55 | 0.84 | 0.64 | 1.00 | 0.32 | 0.99 | 1.00 | 0.83 | 1.00 | 0.36 | 0.28 | 0.69 | 1.00 | 0.65 | 0.99 | 0.94 |
| Rimbez - Lapeyrie ba | MN5 | 14 | 0.42 | 0.83 | 0.99 | 0.29 | 0.85 | 0.89 | 1.00 | 0.32 | 0.95 | 0.99 | 0.82 | 1.00 | 0.37 | 0.62 | 0.48 | 0.99 | 0.66 | 0.73 | 0.81 |
| Rothenstein 1 | MN5 | 14 | 0.76 | 0.83 | 0.69 | 0.07 | 0.60 | 0.38 | 1.00 | 0.34 | 0.80 | 0.51 | 0.36 | 1.00 | 0.38 | 0.08 | 0.04 | 0.99 | 0.25 | 0.88 | 0.58 |
| Saint Laurent-de-Lin | MN5 | 11 | 0.15 | 0.38 | 0.74 | 0.39 | 0.74 | 0.79 | 1.00 | 0.36 | 0.87 | 1.00 | 0.87 | 1.00 | 0.40 | 0.40 | 0.63 | 0.99 | 0.75 | 0.84 | 0.90 |
| San Isidro | MN5 | 5 | 0.29 | 0.94 | 0.88 | 0.68 | 0.66 | 0.74 | 1.00 | 0.43 | 0.97 | 0.79 | 0.45 | 1.00 | 0.45 | 0.26 | 0.63 | 1.00 | 0.39 | 0.79 | 0.68 |
| Sandelzhausen | MN5 | 27 | 0.42 | 0.70 | 0.77 | 0.08 | 0.54 | 0.60 | 0.97 | 0.24 | 0.53 | 0.92 | 0.69 | 1.00 | 0.29 | 0.09 | 0.04 | 1.00 | 0.49 | 1.00 | 0.94 |
| Savign?-sur-Lathan M | MN5 | 39 | 0.07 | 0.62 | 0.97 | 0.09 | 0.86 | 0.80 | 1.00 | 0.55 | 0.92 | 0.98 | 0.61 | 1.00 | 0.65 | 0.45 | 0.30 | 1.00 | 0.31 | 1.00 | 0.92 |
| Seegraben (Leoben) | MN5 | 6 | 0.72 | 0.43 | 1.00 | 0.61 | 0.92 | 0.69 | 1.00 | 0.91 | 0.76 | 0.74 | 0.92 | 0.98 | 0.44 | 0.99 | 0.55 | 0.52 | 0.84 | 0.40 | 0.22 |
| Shanwang | MN5 | 19 | 0.90 | 0.81 | 0.63 | 0.24 | 0.93 | 0.86 | 1.00 | 0.31 | 0.98 | 0.78 | 0.34 | 1.00 | 0.37 | 0.05 | 0.66 | 1.00 | 0.23 | 0.79 | 0.75 |
| Tarazona | MN5 | 14 | 0.80 | 0.86 | 0.71 | 0.34 | 0.39 | 0.46 | 1.00 | 0.34 | 0.86 | 0.97 | 0.36 | 1.00 | 0.39 | 0.09 | 0.27 | 1.00 | 0.27 | 0.80 | 0.96 |
| Thymiana B | MN5 | 9 | 0.21 | 0.99 | 0.79 | 0.79 | 0.99 | 0.55 | 0.66 | 0.38 | 0.98 | 0.65 | 0.89 | 0.71 | 0.42 | 1.00 | 0.91 | 1.00 | 1.00 | 0.76 | 0.46 |
| Vermes 1 | MN5 | 5 | 0.76 | 0.44 | 0.39 | 0.70 | 0.26 | 0.29 | 0.96 | 0.43 | 0.78 | 0.32 | 0.45 | 0.98 | 0.45 | 0.25 | 0.62 | 0.88 | 0.39 | 0.13 | 0.24 |
| Ziemetshausen 1b | MN5 | 10 | 0.20 | 0.40 | 0.79 | 0.49 | 0.96 | 0.84 | 1.00 | 0.37 | 0.98 | 0.98 | 0.89 | 0.99 | 0.42 | 0.48 | 0.73 | 1.00 | 0.96 | 0.92 | 0.95 |
| Zinda Pir 3 | MN5 | 10 | 0.20 | 1.00 | 1.00 | 0.74 | 0.98 | 0.81 | 0.86 | 0.37 | 1.00 | 0.61 | 0.88 | 0.94 | 0.41 | 1.00 | 0.88 | 1.00 | 1.00 | 0.46 | 0.41 |
| Engelswies | MN4 | 13 | 0.47 | 0.84 | 0.93 | 0.63 | 0.87 | 0.72 | 1.00 | 0.35 | 0.99 | 0.96 | 0.84 | 1.00 | 0.39 | 0.33 | 0.53 | 1.00 | 0.68 | 0.90 | 0.59 |
| Aktau Mountain | MN4 | 13 | 0.18 | 0.88 | 0.96 | 0.13 | 0.78 | 0.50 | 0.98 | 0.37 | 0.65 | 0.98 | 0.38 | 0.99 | 0.41 | 0.44 | 0.09 | 0.84 | 0.77 | 0.04 | 0.99 |
| Gerlenhofen | MN4 | 6 | 0.27 | 0.92 | 0.98 | 0.92 | 0.99 | 0.99 | 1.00 | 0.42 | 1.00 | 0.77 | 0.93 | 1.00 | 0.44 | 0.63 | 0.96 | 0.99 | 0.86 | 0.41 | 0.21 |
| Grimmelfingen | MN4 | 6 | 0.28 | 0.92 | 0.98 | 0.89 | 0.99 | 0.99 | 1.00 | 0.42 | 1.00 | 0.77 | 0.92 | 1.00 | 0.44 | 0.66 | 0.97 | 1.00 | 0.86 | 0.41 | 0.21 |
| Monteagudo | MN4 | 7 | 0.24 | 0.92 | 0.83 | 0.57 | 0.88 | 0.91 | 1.00 | 0.41 | 1.00 | 0.73 | 0.41 | 1.00 | 0.43 | 0.61 | 0.81 | 1.00 | 0.35 | 0.98 | 0.56 |
| Vieux Collonges | MN4 | 32 | 0.05 | 0.27 | 0.15 | 0.02 | 0.02 | 0.04 | 0.98 | 0.25 | 0.07 | 0.98 | 0.27 | 1.00 | 0.30 | 0.02 | 0.01 | 0.99 | 0.14 | 1.00 | 0.88 |
| Beger-1 | MN4 | 5 | 0.33 | 0.46 | 0.90 | 0.28 | 0.96 | 0.78 | 0.83 | 0.44 | 0.37 | 0.36 | 0.45 | 0.39 | 0.47 | 0.76 | 0.69 | 0.65 | 0.90 | 0.17 | 0.29 |
| Antonios | MN4 | 14 | 0.16 | 0.99 | 0.94 | 0.87 | 1.00 | 0.76 | 0.99 | 0.35 | 1.00 | 1.00 | 0.85 | 1.00 | 0.39 | 0.67 | 0.81 | 1.00 | 0.71 | 0.93 | 0.65 |
| Nachola | MN4 | 6 | 0.29 | 0.44 | 0.88 | 0.68 | 0.94 | 0.95 | 0.78 | 0.43 | 0.80 | 0.80 | 1.00 | 0.84 | 0.45 | 0.70 | 0.98 | 0.59 | 0.87 | 0.14 | 0.23 |
| Ulan-Tologoj | MN4 | 7 | 0.24 | 0.42 | 0.84 | 0.19 | 0.61 | 0.23 | 0.73 | 0.40 | 0.29 | 0.95 | 0.42 | 0.78 | 0.44 | 0.59 | 0.13 | 0.77 | 0.85 | 0.32 | 0.85 |
| Muruorot | MN3 | 20 | 0.09 | 0.97 | 1.00 | 1.00 | 1.00 | 0.98 | 0.99 | 0.76 | 1.00 | 0.38 | 0.79 | 0.99 | 0.35 | 0.73 | 1.00 | 0.88 | 0.87 | 0.49 | 0.18 |
| Ad Dabtiyah | MN3 | 10 | 0.19 | 0.89 | 1.00 | 0.79 | 1.00 | 0.99 | 1.00 | 0.86 | 1.00 | 0.64 | 0.88 | 1.00 | 0.42 | 0.80 | 1.00 | 1.00 | 0.79 | 0.54 | 0.14 |
| Aerotrain | MN3 | 12 | 0.16 | 0.38 | 0.29 | 0.11 | 0.44 | 0.78 | 0.99 | 0.37 | 0.59 | 0.87 | 0.39 | 0.24 | 0.40 | 0.41 | 0.64 | 0.99 | 0.28 | 0.99 | 0.10 |
| Akcahisar 1 | MN3 | 5 | 0.30 | 0.94 | 0.99 | 0.24 | 0.99 | 0.94 | 1.00 | 0.93 | 0.80 | 0.81 | 0.44 | 1.00 | 0.45 | 0.69 | 0.21 | 0.98 | 0.38 | 0.81 | 0.92 |
| Armantes 1 | MN3 | 10 | 0.85 | 0.88 | 0.77 | 0.44 | 0.78 | 0.51 | 0.99 | 0.37 | 0.98 | 0.89 | 0.38 | 1.00 | 0.41 | 0.13 | 0.36 | 0.99 | 0.31 | 0.73 | 0.92 |
| Artenay | MN3 | 39 | 0.72 | 0.61 | 0.66 | 0.11 | 0.14 | 0.63 | 1.00 | 0.18 | 0.61 | 0.94 | 0.21 | 1.00 | 0.24 | 0.29 | 0.01 | 0.99 | 0.08 | 0.99 | 0.41 |
| Artesilla | MN3 | 20 | 0.61 | 0.97 | 0.87 | 0.85 | 0.46 | 0.93 | 1.00 | 0.29 | 0.98 | 0.69 | 0.79 | 1.00 | 0.35 | 0.70 | 0.79 | 1.00 | 0.86 | 0.85 | 0.40 |
| B?zian | MN3 | 30 | 0.66 | 0.26 | 0.44 | 0.70 | 0.48 | 0.79 | 1.00 | 0.21 | 0.92 | 0.98 | 0.69 | 1.00 | 0.29 | 0.09 | 0.30 | 1.00 | 0.46 | 1.00 | 0.65 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Baggersee Freudene | MN3 | 6 | 0.72 | 0.93 | 0.86 | 0.21 | 0.92 | 0.92 | 0.95 | 0.42 | 0.95 | 0.76 | 0.42 | 1.00 | 0.45 | 0.66 | 0.57 | 0.96 | 0.38 | 0.92 | 0.64 |
| Baggersee Freudene | MN3 | 6 | 0.73 | 0.93 | 1.00 | 0.63 | 1.00 | 0.99 | 1.00 | 0.91 | 1.00 | 0.75 | 0.93 | 1.00 | 0.44 | 0.90 | 0.87 | 0.99 | 0.84 | 0.93 | 0.22 |
| Bunol | MN3 | 22 | 0.92 | 0.74 | 0.96 | 0.55 | 0.64 | 0.73 | 1.00 | 0.69 | 0.96 | 0.61 | 0.72 | 1.00 | 0.32 | 0.36 | 0.23 | 1.00 | 0.53 | 0.95 | 0.31 |
| Bukwa | MN3 | 19 | 0.08 | 1.00 | 0.99 | 0.99 | 0.98 | 0.99 | 0.98 | 0.96 | 1.00 | 0.42 | 0.80 | 0.99 | 0.35 | 0.49 | 1.00 | 0.97 | 0.88 | 0.55 | 0.20 |
| Buluk | MN3 | 20 | 0.32 | 0.96 | 1.00 | 0.87 | 1.00 | 1.00 | 0.96 | 0.94 | 1.00 | 0.38 | 0.96 | 0.79 | 0.83 | 0.99 | 1.00 | 0.45 | 0.58 | 0.25 | 0.17 |
| Buluk (West Stephar | MN3 | 12 | 0.15 | 0.86 | 0.95 | 0.67 | 1.00 | 1.00 | 0.83 | 0.35 | 0.85 | 0.55 | 0.99 | 0.64 | 0.90 | 0.97 | 1.00 | 0.51 | 0.94 | 0.33 | 0.32 |
| Cercoles | MN3 | 11 | 0.20 | 0.90 | 0.97 | 0.47 | 0.52 | 0.54 | 1.00 | 0.39 | 0.91 | 0.64 | 0.41 | 1.00 | 0.42 | 0.52 | 0.41 | 0.97 | 0.79 | 0.51 | 0.99 |
| Can Canals | MN3 | 19 | 0.65 | 0.78 | 0.98 | 0.45 | 0.97 | 0.93 | 1.00 | 0.75 | 0.98 | 0.97 | 0.78 | 1.00 | 0.34 | 0.46 | 0.81 | 0.99 | 0.61 | 0.73 | 0.46 |
| Can Julia | MN3 | 10 | 0.56 | 0.88 | 0.76 | 0.44 | 0.77 | 0.52 | 1.00 | 0.38 | 0.98 | 0.61 | 0.38 | 1.00 | 0.41 | 0.13 | 0.35 | 0.84 | 0.31 | 0.16 | 0.40 |
| Chene de Navere | MN3 | 8 | 0.68 | 0.93 | 0.98 | 0.58 | 0.88 | 0.90 | 1.00 | 0.41 | 0.94 | 0.71 | 0.92 | 1.00 | 0.43 | 0.58 | 0.50 | 0.93 | 0.81 | 0.33 | 0.18 |
| Chevilly | MN3 | 10 | 0.55 | 0.39 | 0.77 | 0.12 | 0.76 | 0.80 | 1.00 | 0.86 | 0.62 | 0.89 | 0.38 | 0.71 | 0.41 | 0.77 | 0.68 | 1.00 | 0.30 | 1.00 | 0.92 |
| Dera Bugti 6 | MN3 | 21 | 0.33 | 0.79 | 1.00 | 0.20 | 1.00 | 0.98 | 0.97 | 0.74 | 0.98 | 0.10 | 0.32 | 0.96 | 0.35 | 0.97 | 0.92 | 0.88 | 0.20 | 0.73 | 0.41 |
| Dolnice | MN3 | 5 | 0.81 | 0.46 | 0.41 | 0.29 | 0.31 | 0.31 | 0.83 | 0.44 | 0.35 | 0.36 | 0.46 | 0.38 | 0.46 | 0.29 | 0.26 | 0.66 | 0.42 | 0.56 | 0.27 |
| Eggingen-Mittelhart | MN3 | 25 | 0.80 | 0.76 | 0.96 | 0.62 | 0.86 | 0.90 | 1.00 | 0.72 | 0.96 | 0.86 | 0.75 | 1.00 | 0.32 | 0.65 | 0.49 | 0.91 | 0.55 | 0.59 | 0.13 |
| El Canyet | MN3 | 14 | 0.50 | 0.37 | 0.93 | 0.35 | 0.67 | 0.44 | 1.00 | 0.35 | 0.84 | 0.84 | 0.85 | 0.98 | 0.38 | 0.69 | 0.28 | 0.98 | 0.72 | 0.60 | 0.35 |
| Els Casots | MN3 | 13 | 0.78 | 0.98 | 0.93 | 0.64 | 0.66 | 0.73 | 1.00 | 0.32 | 0.99 | 0.82 | 0.85 | 1.00 | 0.39 | 0.65 | 0.80 | 1.00 | 0.93 | 0.91 | 0.60 |
| Erkertshofen 2 | MN3 | 18 | 0.42 | 0.35 | 0.69 | 0.29 | 0.34 | 0.37 | 1.00 | 0.33 | 0.51 | 0.99 | 0.36 | 1.00 | 0.38 | 0.32 | 0.04 | 0.99 | 0.24 | 0.96 | 0.58 |
| Karungu | MN3 | 6 | 0.38 | 0.46 | 0.93 | 0.80 | 0.98 | 0.83 | 0.87 | 0.46 | 0.87 | 0.87 | 0.96 | 0.90 | 0.46 | 0.81 | 0.97 | 0.73 | 0.93 | 0.22 | 0.82 |
| Karungu (Nira & Kac | MN3 | 28 | 0.03 | 0.94 | 1.00 | 1.00 | 0.96 | 0.92 | 0.97 | 0.89 | 1.00 | 0.22 | 0.70 | 0.64 | 0.30 | 0.70 | 1.00 | 0.20 | 0.45 | 0.08 | 0.01 |
| La Romieu | MN3 | 28 | 0.69 | 0.71 | 0.94 | 0.45 | 0.96 | 0.93 | 1.00 | 0.64 | 0.98 | 0.98 | 0.71 | 1.00 | 0.30 | 0.26 | 0.34 | 1.00 | 0.45 | 0.99 | 0.68 |
| La Romieu superior | MN3 | 10 | 0.59 | 0.40 | 0.76 | 0.45 | 0.81 | 0.85 | 1.00 | 0.38 | 0.65 | 0.99 | 0.88 | 0.95 | 0.42 | 0.80 | 0.42 | 0.87 | 0.79 | 0.51 | 0.45 |
| Langenau 1 | MN3 | 24 | 0.75 | 0.75 | 0.95 | 0.31 | 0.93 | 0.68 | 1.00 | 0.68 | 0.94 | 0.99 | 0.74 | 1.00 | 0.31 | 0.58 | 0.42 | 1.00 | 0.50 | 0.93 | 0.56 |
| Langenau 2 | MN3 | 7 | 0.25 | 0.92 | 0.98 | 0.60 | 0.86 | 0.65 | 1.00 | 0.90 | 0.94 | 0.95 | 0.41 | 1.00 | 0.44 | 0.58 | 0.52 | 0.93 | 0.36 | 0.69 | 0.84 |
| Les Cases de la Vale | MN3 | 8 | 0.65 | 0.39 | 0.82 | 0.95 | 0.85 | 0.87 | 1.00 | 0.39 | 0.99 | 0.93 | 0.91 | 1.00 | 0.42 | 0.51 | 0.74 | 0.98 | 0.81 | 0.59 | 0.50 |
| Locherangan | MN3 | 11 | 0.19 | 0.99 | 0.96 | 0.98 | 0.95 | 0.96 | 0.61 | 0.99 | 1.00 | 0.64 | 0.89 | 0.70 | 0.41 | 0.75 | 0.98 | 0.29 | 0.76 | 0.04 | 0.11 |
| Mfwangano 1 | MN3 | 8 | 0.23 | 0.99 | 0.98 | 0.96 | 0.99 | 0.61 | 0.68 | 0.89 | 0.99 | 0.26 | 0.91 | 0.77 | 0.43 | 0.16 | 1.00 | 0.37 | 0.33 | 0.07 | 0.50 |
| Mfwangano 2 | MN3 | 13 | 0.16 | 0.85 | 0.94 | 1.00 | 0.38 | 0.93 | 0.54 | 0.84 | 1.00 | 0.54 | 0.87 | 0.65 | 0.40 | 0.99 | 0.82 | 0.51 | 0.95 | 0.13 | 0.09 |
| Mfwangano 3 | MN3 | 17 | 0.40 | 0.80 | 1.00 | 1.00 | 0.59 | 1.00 | 0.45 | 0.80 | 0.99 | 0.46 | 0.82 | 0.56 | 0.36 | 0.92 | 0.88 | 0.38 | 0.92 | 0.07 | 0.06 |
| Mfwangano 5 | MN3 | 11 | 0.58 | 0.40 | 0.96 | 1.00 | 0.51 | 0.99 | 0.64 | 0.88 | 0.91 | 0.65 | 0.90 | 0.72 | 0.42 | 0.94 | 0.70 | 0.35 | 0.77 | 0.05 | 0.14 |
| Mokra | MN3 | 6 | 0.71 | 0.42 | 0.37 | 0.22 | 0.65 | 0.70 | 1.00 | 0.42 | 0.75 | 0.96 | 0.42 | 1.00 | 0.45 | 0.22 | 0.56 | 0.82 | 0.37 | 0.40 | 0.89 |
| Moli Calopa | MN3 | 15 | 0.42 | 0.36 | 0.69 | 0.59 | 0.66 | 0.69 | 1.00 | 0.33 | 0.79 | 0.81 | 0.83 | 1.00 | 0.38 | 0.30 | 0.75 | 0.87 | 0.68 | 0.26 | 0.25 |
| Montreal-du-Gers | MN3 | 17 | 0.67 | 0.80 | 0.90 | 0.21 | 0.80 | 0.62 | 1.00 | 0.77 | 0.92 | 0.12 | 0.34 | 0.99 | 0.35 | 0.55 | 0.42 | 0.98 | 0.23 | 0.81 | 0.21 |
| Mun?brega 1 | MN3 | 7 | 0.93 | 0.42 | 0.35 | 0.57 | 0.60 | 0.21 | 0.99 | 0.40 | 0.94 | 0.73 | 0.41 | 1.00 | 0.44 | 0.19 | 0.51 | 0.95 | 0.35 | 0.67 | 0.86 |
| Mun?brega 3 | MN3 | 6 | 0.72 | 0.93 | 0.84 | 0.59 | 0.64 | 0.67 | 1.00 | 0.42 | 0.96 | 0.76 | 0.43 | 1.00 | 0.44 | 0.21 | 0.56 | 0.97 | 0.37 | 0.39 | 0.61 |
| Oberdorf 4 (O4) | MN3 | 7 | 0.29 | 0.45 | 0.87 | 0.69 | 0.71 | 0.72 | 1.00 | 0.44 | 0.81 | 0.96 | 0.95 | 1.00 | 0.45 | 0.70 | 0.61 | 0.88 | 0.87 | 0.13 | 0.69 |
| Pellecahus | MN3 | 27 | 0.20 | 0.72 | 0.79 | 0.25 | 0.53 | 0.37 | 1.00 | 0.23 | 0.93 | 0.98 | 0.73 | 1.00 | 0.31 | 0.10 | 0.16 | 1.00 | 0.48 | 0.96 | 0.87 |
| Petersbuch 2 | MN3 | 15 | 0.55 | 0.39 | 0.77 | 0.12 | 0.13 | 0.14 | 1.00 | 0.36 | 0.21 | 0.98 | 0.39 | 0.99 | 0.41 | 0.48 | 0.09 | 0.63 | 0.29 | 0.19 | 0.72 |
| Petersbuch 8 | MN3 | 8 | 0.21 | 0.41 | 0.34 | 0.16 | 0.83 | 0.58 | 1.00 | 0.39 | 0.70 | 0.93 | 0.41 | 0.99 | 0.42 | 0.16 | 0.43 | 0.98 | 0.32 | 0.81 | 0.84 |
| Quinta da Farinheira | MN3 | 6 | 0.27 | 0.92 | 0.86 | 0.21 | 0.64 | 0.69 | 0.95 | 0.42 | 0.76 | 0.31 | 0.43 | 0.98 | 0.44 | 0.23 | 0.17 | 1.00 | 0.36 | 0.71 | 0.88 |
| Rusinga (-) | MN3 | 29 | 0.19 | 0.99 | 0.94 | 1.00 | 0.97 | 1.00 | 0.98 | 0.91 | 1.00 | 0.26 | 0.94 | 0.90 | 0.30 | 0.52 | 1.00 | 0.69 | 0.80 | 0.10 | 0.02 |
| Rusinga (Gumba) | MN3 | 23 | 0.05 | 0.95 | 0.99 | 1.00 | 1.00 | 1.00 | 0.95 | 0.93 | 1.00 | 0.30 | 0.74 | 0.75 | 0.32 | 0.82 | 1.00 | 0.56 | 0.83 | 0.15 | 0.02 |
| Rusinga (Hiwegi wes | MN3 | 16 | 0.11 | 0.83 | 0.99 | 1.00 | 0.86 | 1.00 | 0.80 | 0.79 | 1.00 | 0.50 | 0.82 | 0.60 | 0.38 | 0.59 | 0.99 | 0.69 | 0.92 | 0.49 | 0.06 |
| Rusinga (Hiwegi) | MN3 | 37 | 0.10 | 0.91 | 1.00 | 1.00 | 0.91 | 1.00 | 0.86 | 0.88 | 1.00 | 0.16 | 0.65 | 0.58 | 0.28 | 0.79 | 1.00 | 0.28 | 0.71 | 0.04 | 0.01 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rusinga (Kalim) | MN3 | 7 | 0.25 | 0.92 | 0.98 | 0.88 | 0.98 | 1.00 | 0.71 | 0.40 | 1.00 | 0.26 | 0.42 | 0.32 | 0.44 | 0.59 | 0.99 | 0.76 | 0.83 | 0.87 | 0.19 |
| Rusinga (Kathwanga | MN3 | 36 | 0.12 | 0.93 | 1.00 | 1.00 | 0.81 | 0.99 | 0.65 | 0.88 | 1.00 | 0.18 | 0.66 | 0.59 | 0.28 | 0.82 | 1.00 | 0.31 | 0.71 | 0.04 | 0.01 |
| Rusinga (kiahera hill | MN3 | 18 | 0.41 | 0.97 | 1.00 | 1.00 | 0.81 | 0.87 | 0.42 | 0.77 | 1.00 | 0.75 | 0.80 | 0.55 | 0.85 | 0.79 | 1.00 | 0.33 | 0.90 | 0.04 | 0.22 |
| Rusinga (Kiyune) | MN3 | 13 | 0.16 | 0.86 | 0.99 | 1.00 | 0.92 | 1.00 | 0.85 | 0.85 | 1.00 | 0.57 | 0.86 | 0.92 | 0.40 | 0.73 | 1.00 | 0.83 | 0.95 | 0.41 | 0.11 |
| Rusinga (kulu) | MN3 | 26 | 0.23 | 0.75 | 1.00 | 1.00 | 0.94 | 1.00 | 0.94 | 0.94 | 1.00 | 0.30 | 0.73 | 0.69 | 0.31 | 0.81 | 0.99 | 0.14 | 0.50 | 0.14 | 0.02 |
| Rusinga (Nyamsingu | MN3 | 22 | 0.26 | 0.96 | 1.00 | 1.00 | 0.87 | 1.00 | 0.84 | 0.72 | 1.00 | 0.34 | 0.75 | 0.79 | 0.35 | 0.95 | 1.00 | 0.43 | 0.85 | 0.23 | 0.03 |
| Rusinga (R 113) | MN3 | 10 | 0.19 | 0.39 | 0.74 | 1.00 | 0.77 | 0.96 | 0.97 | 0.86 | 1.00 | 0.21 | 0.38 | 0.70 | 0.41 | 0.46 | 1.00 | 0.59 | 0.31 | 0.45 | 0.12 |
| Rusinga (R 114) | MN3 | 9 | 0.22 | 0.41 | 0.97 | 1.00 | 0.55 | 0.98 | 0.68 | 0.89 | 0.99 | 0.68 | 0.91 | 0.75 | 0.42 | 0.83 | 0.93 | 0.38 | 0.80 | 0.06 | 0.16 |
| Rusinga (R105) | MN3 | 14 | 0.13 | 0.37 | 1.00 | 1.00 | 0.69 | 0.93 | 0.56 | 0.82 | 1.00 | 0.58 | 0.85 | 0.65 | 0.39 | 0.88 | 0.95 | 0.24 | 0.72 | 0.02 | 0.09 |
| Rusinga (R106) | MN3 | 28 | 0.04 | 0.94 | 1.00 | 1.00 | 0.80 | 0.95 | 0.25 | 0.94 | 1.00 | 0.25 | 0.72 | 0.38 | 0.31 | 0.91 | 1.00 | 0.13 | 0.81 | 0.04 | 0.01 |
| Rusinga (R107) | MN3 | 13 | 0.14 | 0.36 | 0.95 | 1.00 | 0.90 | 0.99 | 0.84 | 0.83 | 0.99 | 0.55 | 0.85 | 0.66 | 0.39 | 0.89 | 0.94 | 0.22 | 0.72 | 0.03 | 0.09 |
| Rusinga (R3) | MN3 | 34 | 0.14 | 0.92 | 1.00 | 1.00 | 0.93 | 1.00 | 0.69 | 0.88 | 1.00 | 0.19 | 0.68 | 0.61 | 0.28 | 0.92 | 1.00 | 0.13 | 0.71 | 0.02 | 0.01 |
| Rusinga (R7) | MN3 | 5 | 0.31 | 0.93 | 0.99 | 0.93 | 0.95 | 0.94 | 0.97 | 0.43 | 1.00 | 0.79 | 0.93 | 0.85 | 0.45 | 0.93 | 1.00 | 0.98 | 0.99 | 0.96 | 0.24 |
| Rusinga (Sienga) | MN3 | 6 | 0.27 | 0.93 | 0.85 | 1.00 | 0.62 | 0.99 | 0.76 | 0.42 | 1.00 | 0.78 | 0.92 | 0.80 | 0.45 | 0.98 | 0.97 | 0.81 | 0.99 | 0.40 | 0.20 |
| Rusinga (Wakondu) | MN3 | 9 | 0.20 | 0.89 | 0.97 | 1.00 | 0.95 | 1.00 | 0.89 | 0.38 | 1.00 | 0.63 | 0.89 | 0.72 | 0.41 | 0.80 | 0.98 | 0.67 | 0.96 | 0.23 | 0.13 |
| Rusinga (Wayondo) | MN3 | 21 | 0.08 | 0.81 | 1.00 | 1.00 | 0.97 | 1.00 | 0.97 | 0.96 | 1.00 | 0.39 | 0.79 | 0.50 | 0.34 | 0.75 | 0.92 | 0.27 | 0.58 | 0.31 | 0.04 |
| Ryskop | MN3 | 7 | 0.72 | 0.42 | 0.86 | 0.63 | 0.67 | 0.68 | 0.75 | 1.00 | 0.96 | 0.29 | 0.43 | 0.35 | 0.45 | 0.91 | 0.86 | 0.50 | 0.37 | 0.39 | 0.22 |
| S?rido | MN3 | 5 | 0.75 | 0.43 | 0.39 | 0.69 | 0.25 | 0.28 | 1.00 | 0.44 | 0.80 | 0.33 | 0.44 | 0.84 | 0.45 | 0.24 | 0.63 | 0.88 | 0.40 | 0.14 | 0.25 |
| Sant Mamet | MN3 | 16 | 0.74 | 0.82 | 0.99 | 0.56 | 0.60 | 0.65 | 1.00 | 0.31 | 0.94 | 0.99 | 0.81 | 1.00 | 0.37 | 0.56 | 0.44 | 1.00 | 0.67 | 0.85 | 0.78 |
| Sihong-shuanggou | MN3 | 6 | 0.71 | 0.43 | 0.84 | 0.60 | 0.65 | 0.68 | 0.74 | 0.41 | 0.77 | 1.00 | 0.93 | 0.82 | 0.45 | 0.63 | 0.56 | 0.99 | 0.85 | 0.40 | 1.00 |
| Sihong-songlinzhuar | MN3 | 17 | 0.09 | 0.33 | 0.63 | 0.23 | 0.25 | 0.30 | 0.97 | 0.29 | 0.42 | 1.00 | 0.80 | 0.96 | 0.83 | 0.24 | 0.14 | 1.00 | 0.61 | 0.79 | 1.00 |
| Tavers | MN3 | 6 | 0.73 | 0.44 | 0.85 | 0.22 | 0.66 | 0.24 | 0.73 | 0.91 | 0.28 | 0.30 | 0.43 | 0.83 | 0.44 | 0.62 | 0.18 | 0.97 | 0.37 | 0.99 | 0.61 |
| Uyoma 12 (Rangoye | MN3 | 6 | 0.28 | 0.93 | 0.85 | 0.20 | 0.64 | 0.25 | 0.30 | 0.41 | 0.96 | 0.30 | 0.43 | 0.34 | 0.45 | 0.91 | 0.84 | 0.53 | 0.98 | 0.41 | 0.21 |
| Uyoma 2 (Chianda N | MN3 | 13 | 0.15 | 0.98 | 0.94 | 1.00 | 0.98 | 1.00 | 0.84 | 0.81 | 1.00 | 0.56 | 0.87 | 0.66 | 0.40 | 0.90 | 1.00 | 0.78 | 0.94 | 0.33 | 0.08 |
| Valtorres | MN3 | 5 | 0.76 | 0.45 | 0.40 | 0.26 | 0.69 | 0.28 | 1.00 | 0.42 | 0.79 | 0.79 | 0.44 | 1.00 | 0.44 | 0.26 | 0.21 | 0.88 | 0.38 | 0.81 | 0.68 |
| Auverse MN3/5 | MN3 | 5 | 0.31 | 0.44 | 0.39 | 0.24 | 0.27 | 0.28 | 1.00 | 0.42 | 0.32 | 1.00 | 0.45 | 0.98 | 0.45 | 0.26 | 0.21 | 0.86 | 0.40 | 0.96 | 0.93 |
| Channay-sur-Lathan | MN3 | 5 | 0.31 | 0.44 | 0.38 | 0.23 | 0.26 | 0.28 | 1.00 | 0.43 | 0.34 | 0.98 | 0.44 | 0.99 | 0.46 | 0.26 | 0.21 | 0.88 | 0.39 | 0.95 | 0.64 |
| Chavaignes MN3/5 | MN3 | 5 | 0.30 | 0.45 | 0.39 | 0.25 | 0.26 | 0.27 | 1.00 | 0.44 | 0.33 | 0.98 | 0.45 | 0.84 | 0.45 | 0.25 | 0.20 | 0.88 | 0.39 | 0.96 | 0.69 |
| Pontign? MN3/5 | MN3 | 5 | 0.31 | 0.44 | 0.39 | 0.25 | 0.26 | 0.26 | 1.00 | 0.42 | 0.32 | 1.00 | 0.44 | 0.99 | 0.45 | 0.25 | 0.20 | 0.87 | 0.38 | 0.96 | 0.94 |
| Gebel Zelten | MN3 | 29 | 0.03 | 0.93 | 1.00 | 0.22 | 1.00 | 1.00 | 0.97 | 0.67 | 0.98 | 0.25 | 0.94 | 0.87 | 0.29 | 0.95 | 1.00 | 0.67 | 0.77 | 0.23 | 0.42 |
| Khirgis-Nur I-Oshin | MN3 | 5 | 0.29 | 0.44 | 0.39 | 0.24 | 0.72 | 0.73 | 0.97 | 0.43 | 0.32 | 0.33 | 0.44 | 0.85 | 0.45 | 0.26 | 0.62 | 0.19 | 0.40 | 0.47 | 0.66 |
| Albertine 12 | MN3 | 5 | 0.30 | 0.44 | 0.39 | 0.66 | 0.94 | 0.99 | 0.97 | 0.44 | 0.97 | 0.32 | 0.45 | 0.83 | 0.46 | 0.26 | 0.90 | 0.88 | 0.40 | 0.48 | 0.24 |
| Bestyube | MN3 | 7 | 0.25 | 0.92 | 0.83 | 0.18 | 0.60 | 0.64 | 0.93 | 0.41 | 0.72 | 0.94 | 0.42 | 0.97 | 0.44 | 0.19 | 0.16 | 0.76 | 0.35 | 0.08 | 0.87 |
| Loperot | MN3 | 6 | 0.27 | 0.93 | 0.87 | 0.63 | 0.92 | 0.94 | 0.74 | 0.42 | 1.00 | 0.78 | 1.00 | 0.82 | 0.44 | 0.98 | 1.00 | 0.82 | 0.98 | 0.41 | 0.60 |
| Moroto II | MN3 | 15 | 0.11 | 0.82 | 0.66 | 1.00 | 0.28 | 0.65 | 0.12 | 0.31 | 0.94 | 0.14 | 0.82 | 0.18 | 0.38 | 0.59 | 0.88 | 0.14 | 0.66 | 0.06 | 0.06 |
| Napak | MN3 | 28 | 0.17 | 0.72 | 0.93 | 1.00 | 0.74 | 1.00 | 0.91 | 0.92 | 0.99 | 0.06 | 0.27 | 0.65 | 0.29 | 0.25 | 0.94 | 0.25 | 0.13 | 0.02 | 0.07 |
| Napak I | MN3 | 16 | 0.40 | 0.82 | 0.89 | 1.00 | 0.60 | 0.96 | 0.76 | 0.32 | 0.93 | 0.48 | 0.82 | 0.57 | 0.38 | 0.80 | 0.89 | 0.63 | 0.91 | 0.20 | 0.06 |
| Napak IV | MN3 | 12 | 0.52 | 0.37 | 0.95 | 1.00 | 0.41 | 0.77 | 0.54 | 0.36 | 0.87 | 0.59 | 0.88 | 0.68 | 0.39 | 0.74 | 0.96 | 0.27 | 0.74 | 0.02 | 0.10 |
| Napak IX | MN3 | 6 | 0.31 | 0.44 | 0.99 | 1.00 | 0.71 | 0.73 | 0.81 | 0.43 | 0.80 | 0.79 | 0.94 | 0.85 | 0.44 | 0.93 | 0.89 | 0.58 | 0.89 | 0.14 | 0.24 |
| Napak V | MN3 | 11 | 0.23 | 0.40 | 0.97 | 1.00 | 0.83 | 0.87 | 0.66 | 0.39 | 0.93 | 0.69 | 0.99 | 0.74 | 0.43 | 0.84 | 0.99 | 0.38 | 0.80 | 0.07 | 0.15 |
| Olkhon (Tagai) | MN3 | 10 | 0.20 | 0.39 | 0.30 | 0.45 | 0.45 | 0.50 | 0.88 | 0.36 | 0.89 | 0.98 | 0.38 | 0.99 | 0.40 | 0.13 | 0.10 | 0.86 | 0.29 | 0.45 | 0.91 |
| Pasuda | MN3 | 8 | 0.22 | 0.90 | 0.81 | 0.53 | 0.97 | 0.98 | 0.92 | 0.39 | 0.99 | 0.69 | 0.91 | 0.75 | 0.43 | 0.96 | 0.94 | 0.98 | 1.00 | 0.58 | 0.15 |
| Wadi Moghara | MN3 | 24 | 0.23 | 0.72 | 0.95 | 0.97 | 1.00 | 1.00 | 0.93 | 0.68 | 0.99 | 0.30 | 0.95 | 0.72 | 0.31 | 0.32 | 0.97 | 0.33 | 0.53 | 0.04 | 0.11 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Aktau middle | MN3 | 6 | 0.26 | 0.93 | 0.84 | 0.23 | 0.66 | 0.68 | 0.96 | 0.42 | 0.76 | 0.96 | 0.42 | 0.97 | 0.45 | 0.23 | 0.18 | 0.82 | 0.37 | 0.39 | 0.98 |
| Negev | MN3 | 11 | 0.17 | 0.88 | 1.00 | 0.75 | 1.00 | 0.95 | 0.98 | 0.86 | 0.99 | 0.63 | 0.88 | 0.93 | 0.41 | 0.99 | 0.97 | 0.62 | 0.96 | 0.46 | 0.11 |
| Nyanza 2 (Chamtwa | MN3 | 20 | 0.11 | 0.35 | 0.90 | 1.00 | 0.28 | 0.85 | 0.41 | 0.31 | 0.92 | 0.46 | 0.81 | 0.55 | 0.37 | 0.98 | 0.85 | 0.11 | 0.63 | 0.01 | 0.05 |
| Agreda | MN3 | 5 | 0.29 | 0.44 | 0.38 | 0.25 | 0.71 | 0.28 | 1.00 | 0.42 | 0.79 | 0.96 | 0.44 | 0.99 | 0.45 | 0.26 | 0.20 | 0.98 | 0.39 | 0.95 | 0.67 |
| Auchas | MN3 | 5 | 0.29 | 1.00 | 0.88 | 0.68 | 0.71 | 0.96 | 0.78 | 0.43 | 1.00 | 0.32 | 0.44 | 0.84 | 0.44 | 0.68 | 0.62 | 0.87 | 0.88 | 0.47 | 0.25 |
| Auverse MN3 | MN3 | 20 | 0.95 | 0.31 | 0.20 | 0.44 | 0.04 | 0.54 | 0.88 | 0.29 | 0.39 | 0.11 | 0.30 | 0.79 | 0.34 | 0.04 | 0.02 | 0.95 | 0.20 | 0.73 | 0.69 |
| Beaulieu | MN3 | 7 | 0.69 | 0.42 | 0.35 | 0.57 | 0.20 | 0.64 | 0.94 | 0.41 | 0.70 | 0.29 | 0.42 | 0.78 | 0.44 | 0.18 | 0.15 | 0.45 | 0.34 | 0.08 | 0.18 |
| Channay-sur-Lathan | MN3 | 8 | 0.99 | 0.40 | 0.32 | 0.84 | 0.17 | 0.88 | 0.93 | 0.39 | 0.68 | 0.25 | 0.41 | 0.31 | 0.42 | 0.17 | 0.13 | 0.10 | 0.33 | 0.06 | 0.16 |
| Chavaignes MN3 | MN3 | 8 | 0.90 | 0.41 | 0.34 | 0.52 | 0.19 | 0.58 | 0.92 | 0.39 | 0.69 | 0.25 | 0.40 | 0.75 | 0.42 | 0.18 | 0.12 | 0.40 | 0.33 | 0.27 | 0.14 |
| Chilleurs-aux-Bois | MN3 | 13 | 0.93 | 0.36 | 0.27 | 0.30 | 0.08 | 0.39 | 0.99 | 0.83 | 0.52 | 0.81 | 0.35 | 0.62 | 0.39 | 0.08 | 0.05 | 0.47 | 0.26 | 0.28 | 0.62 |
| Chitenay | MN3 | 17 | 0.96 | 0.34 | 0.22 | 0.20 | 0.05 | 0.28 | 1.00 | 0.30 | 0.40 | 0.75 | 0.32 | 0.95 | 0.35 | 0.05 | 0.03 | 0.54 | 0.23 | 0.36 | 0.89 |
| Costa Blanca -2 | MN3 | 8 | 0.71 | 0.43 | 0.36 | 0.23 | 0.23 | 0.25 | 1.00 | 0.42 | 0.28 | 0.75 | 0.42 | 0.98 | 0.44 | 0.22 | 0.18 | 0.53 | 0.38 | 0.40 | 0.61 |
| D?nez?-sous-le-Lud | MN3 | 12 | 0.95 | 0.37 | 0.27 | 0.66 | 0.11 | 0.76 | 0.96 | 0.35 | 0.57 | 0.18 | 0.37 | 0.90 | 0.39 | 0.09 | 0.06 | 0.75 | 0.27 | 0.35 | 0.09 |
| Dera Bugti 4 | MN3 | 21 | 0.61 | 0.76 | 1.00 | 0.44 | 0.99 | 0.92 | 0.99 | 0.75 | 0.99 | 0.38 | 0.77 | 0.94 | 0.35 | 0.69 | 0.78 | 0.94 | 0.87 | 0.46 | 0.15 |
| Dera Bugti 5 | MN3 | 6 | 0.29 | 0.93 | 0.98 | 0.22 | 1.00 | 0.93 | 0.95 | 0.91 | 0.76 | 0.29 | 0.43 | 0.80 | 0.44 | 0.90 | 0.18 | 0.52 | 0.37 | 0.39 | 0.22 |
| Estrepouy | MN3 | 11 | 0.83 | 0.88 | 0.75 | 0.10 | 0.43 | 0.49 | 1.00 | 0.36 | 0.60 | 0.86 | 0.38 | 0.99 | 0.40 | 0.11 | 0.07 | 0.80 | 0.30 | 0.16 | 0.69 |
| Frankfurt-Nordbassi | MN3 | 8 | 0.98 | 0.40 | 0.34 | 0.17 | 0.16 | 0.21 | 1.00 | 0.38 | 0.25 | 0.69 | 0.41 | 0.30 | 0.43 | 0.18 | 0.12 | 0.69 | 0.33 | 0.58 | 0.49 |
| Genneteil MN3 | MN3 | 8 | 0.70 | 0.41 | 0.34 | 0.85 | 0.18 | 0.91 | 0.25 | 0.40 | 0.73 | 0.29 | 0.42 | 0.77 | 0.43 | 0.19 | 0.16 | 0.44 | 0.36 | 0.35 | 0.17 |
| Hommes MN3 | MN3 | 16 | 0.99 | 0.36 | 0.25 | 0.61 | 0.07 | 0.70 | 0.77 | 0.33 | 0.48 | 0.49 | 0.36 | 0.20 | 0.39 | 0.08 | 0.04 | 0.42 | 0.25 | 0.49 | 0.57 |
| La Brosse | MN3 | 17 | 0.68 | 0.32 | 0.21 | 0.20 | 0.06 | 0.28 | 1.00 | 0.30 | 0.41 | 0.73 | 0.32 | 0.81 | 0.35 | 0.04 | 0.03 | 0.53 | 0.21 | 0.14 | 0.46 |
| Lasse MN3 | MN3 | 17 | 0.89 | 0.33 | 0.22 | 0.51 | 0.06 | 0.62 | 0.98 | 0.30 | 0.43 | 0.13 | 0.34 | 0.55 | 0.36 | 0.05 | 0.03 | 0.59 | 0.22 | 0.17 | 0.24 |
| Les Beilleaux | MN3 | 21 | 0.94 | 0.30 | 0.20 | 0.38 | 0.04 | 0.50 | 1.00 | 0.28 | 0.37 | 0.66 | 0.30 | 0.45 | 0.33 | 0.03 | 0.02 | 0.42 | 0.18 | 0.23 | 0.15 |
| M?on MN3 | MN3 | 8 | 0.98 | 0.41 | 0.32 | 0.52 | 0.16 | 0.58 | 1.00 | 0.40 | 0.26 | 0.68 | 0.41 | 0.76 | 0.42 | 0.17 | 0.13 | 0.38 | 0.33 | 0.07 | 0.50 |
| Mangyshlak | MN3 | 8 | 0.38 | 0.46 | 0.43 | 0.33 | 0.33 | 0.35 | 0.40 | 0.45 | 0.40 | 0.38 | 0.47 | 0.41 | 0.47 | 0.34 | 0.29 | 0.28 | 0.43 | 0.22 | 0.31 |
| Marsolan | MN3 | 7 | 0.26 | 0.43 | 0.36 | 0.59 | 0.19 | 0.64 | 0.95 | 0.40 | 0.72 | 0.73 | 0.42 | 0.78 | 0.43 | 0.18 | 0.15 | 0.94 | 0.35 | 0.65 | 0.57 |
| Mauvi?res | MN3 | 15 | 0.98 | 0.35 | 0.24 | 0.56 | 0.07 | 0.63 | 1.00 | 0.31 | 0.46 | 0.47 | 0.34 | 0.57 | 0.37 | 0.06 | 0.04 | 0.84 | 0.24 | 0.48 | 0.54 |
| Meign?-le-Vicomte I | MN3 | 10 | 0.97 | 0.39 | 0.30 | 0.76 | 0.14 | 0.81 | 0.60 | 0.37 | 0.61 | 0.21 | 0.38 | 0.25 | 0.41 | 0.13 | 0.09 | 0.09 | 0.30 | 0.04 | 0.12 |
| Merkur-North | MN3 | 26 | 0.89 | 0.25 | 0.15 | 0.10 | 0.12 | 0.16 | 0.98 | 0.24 | 0.28 | 0.56 | 0.28 | 1.00 | 0.30 | 0.02 | 0.01 | 0.86 | 0.16 | 0.97 | 0.51 |
| Moratilla 1 | MN3 | 7 | 0.92 | 0.42 | 0.35 | 0.18 | 0.20 | 0.22 | 0.99 | 0.39 | 0.29 | 0.28 | 0.43 | 0.98 | 0.43 | 0.20 | 0.16 | 0.45 | 0.35 | 0.09 | 0.18 |
| Nav?re | MN3 | 6 | 0.31 | 0.94 | 0.88 | 0.23 | 0.70 | 0.73 | 0.97 | 0.43 | 0.81 | 0.31 | 0.45 | 0.84 | 0.45 | 0.26 | 0.20 | 0.88 | 0.39 | 0.49 | 0.25 |
| Neuville-aux-Bois | MN3 | 10 | 0.96 | 0.39 | 0.29 | 0.74 | 0.45 | 0.81 | 0.88 | 0.37 | 0.89 | 0.61 | 0.39 | 0.94 | 0.41 | 0.12 | 0.09 | 0.83 | 0.30 | 0.72 | 0.75 |
| Noyant-sous-le-Lud | MN3 | 29 | 0.87 | 0.27 | 0.13 | 0.23 | 0.02 | 0.36 | 0.97 | 0.21 | 0.22 | 0.23 | 0.27 | 0.87 | 0.29 | 0.01 | 0.01 | 0.80 | 0.14 | 0.35 | 0.21 |
| Nyanza 11 (legetet 1 | MN3 | 10 | 0.24 | 0.40 | 0.98 | 1.00 | 0.56 | 0.86 | 0.66 | 0.38 | 0.92 | 0.69 | 0.90 | 0.75 | 0.42 | 0.97 | 0.94 | 0.40 | 0.82 | 0.07 | 0.14 |
| Nyanza 12 (Legetet | MN3 | 6 | 0.30 | 0.44 | 0.99 | 1.00 | 0.70 | 0.72 | 0.79 | 0.43 | 0.79 | 0.80 | 0.94 | 0.85 | 0.45 | 0.99 | 0.90 | 0.58 | 0.88 | 0.15 | 0.24 |
| Nyanza 14 (Legete 1 | MN3 | 10 | 0.22 | 0.41 | 0.97 | 1.00 | 0.59 | 0.88 | 0.68 | 0.39 | 0.93 | 0.69 | 0.91 | 0.75 | 0.43 | 0.97 | 0.94 | 0.40 | 0.80 | 0.06 | 0.16 |
| Nyanza 15 (Legetet | MN3 | 5 | 0.32 | 0.46 | 1.00 | 1.00 | 0.78 | 0.78 | 0.83 | 0.44 | 0.83 | 0.84 | 0.94 | 0.88 | 0.47 | 0.96 | 0.69 | 0.66 | 0.90 | 0.18 | 0.29 |
| Nyanza 20 (Legetet | MN3 | 8 | 0.27 | 0.43 | 0.99 | 1.00 | 0.65 | 0.67 | 0.73 | 0.41 | 0.96 | 0.77 | 0.92 | 0.81 | 0.44 | 0.98 | 0.97 | 0.51 | 0.84 | 0.11 | 0.19 |
| Nyanza 25 (Mteitei | MN3 | 9 | 0.23 | 0.40 | 0.97 | 1.00 | 0.54 | 0.89 | 0.66 | 0.88 | 0.99 | 0.68 | 0.91 | 0.75 | 0.43 | 1.00 | 0.99 | 0.39 | 0.81 | 0.06 | 0.15 |
| Nyanza 26 (Mteitei | MN3 | 7 | 0.27 | 0.43 | 0.99 | 1.00 | 0.64 | 0.94 | 0.73 | 0.90 | 1.00 | 0.77 | 0.93 | 0.81 | 0.45 | 0.92 | 0.85 | 0.52 | 0.87 | 0.11 | 0.20 |
| Nyanza 7 (Koru 16) | MN3 | 5 | 0.32 | 0.45 | 0.90 | 1.00 | 0.30 | 0.30 | 0.34 | 0.45 | 0.83 | 0.35 | 0.45 | 0.38 | 0.46 | 0.73 | 0.71 | 0.22 | 0.41 | 0.17 | 0.28 |
| Nyanza 8 (Koru 20) | MN3 | 5 | 0.34 | 0.46 | 1.00 | 1.00 | 0.75 | 0.79 | 0.84 | 0.45 | 0.98 | 0.85 | 0.95 | 0.87 | 0.46 | 0.96 | 0.93 | 0.64 | 0.90 | 0.18 | 0.28 |
| Nyanza 9 (Koru 25) | MN3 | 9 | 0.21 | 0.41 | 0.97 | 1.00 | 0.56 | 0.97 | 0.68 | 0.89 | 0.99 | 0.68 | 0.90 | 0.75 | 0.43 | 0.97 | 0.94 | 0.41 | 0.81 | 0.06 | 0.15 |
| Pessac - Cap-de-Bos | MN3 | 11 | 0.98 | 0.40 | 0.30 | 0.80 | 0.15 | 0.85 | 0.98 | 0.38 | 0.66 | 0.67 | 0.39 | 0.27 | 0.41 | 0.14 | 0.10 | 0.09 | 0.32 | 0.21 | 0.14 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Pont-Boutard MN3 | MN3 | 23 | 0.85 | 0.30 | 0.18 | 0.42 | 0.05 | 0.52 | 0.86 | 0.28 | 0.36 | 0.36 | 0.31 | 0.80 | 0.33 | 0.03 | 0.02 | 0.69 | 0.18 | 0.47 | 0.85 |
| Pontign? MN3 | MN3 | 30 | 0.96 | 0.27 | 0.13 | 0.23 | 0.01 | 0.36 | 0.99 | 0.22 | 0.25 | 0.23 | 0.25 | 0.97 | 0.31 | 0.01 | 0.01 | 0.83 | 0.13 | 0.19 | 0.46 |
| Richevoltes | MN3 | 5 | 0.97 | 0.43 | 0.38 | 0.24 | 0.26 | 0.29 | 0.96 | 0.43 | 0.33 | 0.33 | 0.44 | 0.84 | 0.45 | 0.24 | 0.21 | 0.58 | 0.38 | 0.14 | 0.24 |
| Rill? MN3 | MN3 | 9 | 1.00 | 0.39 | 0.32 | 0.80 | 0.16 | 0.84 | 0.90 | 0.39 | 0.66 | 0.24 | 0.40 | 0.73 | 0.41 | 0.15 | 0.10 | 0.36 | 0.32 | 0.22 | 0.13 |
| Sant Andreu de la Ba | MN3 | 9 | 0.60 | 0.88 | 0.79 | 0.14 | 0.95 | 0.86 | 1.00 | 0.38 | 0.98 | 0.99 | 0.40 | 1.00 | 0.42 | 0.15 | 0.39 | 1.00 | 0.32 | 0.92 | 0.78 |
| Savign?-sur-Lathan M | MN3 | 25 | 0.95 | 0.31 | 0.20 | 0.41 | 0.04 | 0.51 | 0.96 | 0.28 | 0.39 | 0.35 | 0.31 | 0.79 | 0.34 | 0.04 | 0.02 | 0.86 | 0.18 | 0.68 | 0.40 |
| Tagai | MN3 | 6 | 0.27 | 0.43 | 0.36 | 0.63 | 0.64 | 0.67 | 0.72 | 0.42 | 0.96 | 0.96 | 0.43 | 0.97 | 0.44 | 0.22 | 0.18 | 0.81 | 0.36 | 0.40 | 0.89 |
| Tucho?ice | MN3 | 27 | 0.97 | 0.28 | 0.15 | 0.29 | 0.12 | 0.41 | 0.93 | 0.25 | 0.59 | 0.28 | 0.29 | 0.98 | 0.31 | 0.02 | 0.01 | 0.73 | 0.15 | 0.83 | 0.30 |
| Wintershof-West | MN3 | 35 | 0.98 | 0.22 | 0.10 | 0.04 | 0.01 | 0.09 | 1.00 | 0.19 | 0.04 | 0.70 | 0.23 | 0.82 | 0.27 | 0.00 | 0.00 | 0.67 | 0.10 | 0.72 | 0.32 |
| Danghe-xishuigou | MN3 | 5 | 0.30 | 0.44 | 0.39 | 0.25 | 0.26 | 0.27 | 0.32 | 0.44 | 0.81 | 0.79 | 0.44 | 0.36 | 0.46 | 0.26 | 0.21 | 0.19 | 0.38 | 0.13 | 0.91 |
| Pegu beds | MN3 | 13 | 0.14 | 0.37 | 0.94 | 0.35 | 0.99 | 0.91 | 1.00 | 0.83 | 0.84 | 0.56 | 0.86 | 0.67 | 0.38 | 0.97 | 0.82 | 0.91 | 0.94 | 0.60 | 0.33 |
| Esvres - Continental | MN1/2 | 27 | 0.97 | 0.27 | 0.13 | 0.27 | 0.02 | 0.38 | 1.00 | 0.24 | 0.28 | 0.54 | 0.26 | 0.69 | 0.28 | 0.02 | 0.01 | 0.67 | 0.16 | 0.64 | 0.49 |
| Songhor (Main) | MN1/2 | 33 | 0.16 | 0.67 | 0.75 | 1.00 | 0.22 | 0.97 | 0.45 | 0.63 | 0.99 | 0.23 | 0.68 | 0.63 | 0.28 | 0.85 | 0.93 | 0.06 | 0.42 | 0.00 | 0.01 |
| Zinda Pir 2 | MN1/2 | 5 | 0.29 | 1.00 | 0.88 | 0.67 | 0.93 | 0.72 | 0.78 | 0.42 | 1.00 | 0.33 | 0.44 | 0.84 | 0.45 | 0.68 | 0.91 | 0.86 | 0.88 | 0.49 | 0.25 |
| Cetina de Aragon | MN1/2 | 16 | 1.00 | 0.34 | 0.24 | 0.06 | 0.07 | 0.37 | 0.14 | 0.79 | 0.14 | 0.14 | 0.36 | 0.58 | 0.37 | 0.06 | 0.04 | 0.02 | 0.23 | 0.00 | 0.06 |
| La Encinilla | MN1/2 | 6 | 1.00 | 0.43 | 0.35 | 0.21 | 0.23 | 0.68 | 0.76 | 0.42 | 0.29 | 0.29 | 0.44 | 0.81 | 0.44 | 0.24 | 0.18 | 0.50 | 0.36 | 0.37 | 0.60 |
| Lanzhou-zhangjiapin | MN1/2 | 5 | 0.33 | 0.44 | 0.41 | 0.74 | 0.29 | 0.31 | 0.34 | 0.45 | 0.35 | 0.35 | 0.44 | 0.37 | 0.46 | 0.29 | 0.69 | 0.24 | 0.40 | 0.17 | 0.28 |
| Laugnac | MN1/2 | 28 | 1.00 | 0.25 | 0.13 | 0.07 | 0.02 | 0.35 | 0.90 | 0.65 | 0.05 | 0.22 | 0.26 | 0.34 | 0.30 | 0.01 | 0.01 | 0.10 | 0.13 | 0.02 | 0.08 |
| Loranca | MN1/2 | 19 | 0.99 | 0.32 | 0.20 | 0.19 | 0.22 | 0.55 | 1.00 | 0.76 | 0.71 | 0.72 | 0.31 | 0.17 | 0.35 | 0.04 | 0.13 | 0.46 | 0.20 | 0.54 | 0.18 |
| Marcoin | MN1/2 | 6 | 0.97 | 0.45 | 0.38 | 0.70 | 0.28 | 0.75 | 0.78 | 0.43 | 0.34 | 0.34 | 0.43 | 0.36 | 0.45 | 0.25 | 0.21 | 0.20 | 0.39 | 0.15 | 0.24 |
| Montaigu-le-Blin | MN1/2 | 37 | 1.00 | 0.25 | 0.11 | 0.05 | 0.01 | 0.27 | 0.70 | 0.59 | 0.04 | 0.04 | 0.25 | 0.32 | 0.28 | 0.01 | 0.00 | 0.00 | 0.12 | 0.00 | 0.01 |
| Rothenstein 10/14 a | MN1/2 | 9 | 1.00 | 0.40 | 0.31 | 0.47 | 0.16 | 0.55 | 0.89 | 0.39 | 0.24 | 0.23 | 0.39 | 0.73 | 0.42 | 0.13 | 0.11 | 0.09 | 0.33 | 0.05 | 0.13 |
| Rothenstein 10/14 b | MN1/2 | 9 | 0.98 | 0.39 | 0.31 | 0.13 | 0.16 | 0.55 | 0.89 | 0.39 | 0.23 | 0.23 | 0.39 | 0.72 | 0.42 | 0.14 | 0.11 | 0.09 | 0.32 | 0.05 | 0.13 |
| Rothenstein 10/14 c | MN1/2 | 9 | 1.00 | 0.39 | 0.31 | 0.47 | 0.14 | 0.55 | 1.00 | 0.40 | 0.23 | 0.23 | 0.40 | 0.73 | 0.42 | 0.15 | 0.11 | 0.33 | 0.32 | 0.04 | 0.14 |
| Saint-G?rand-le-Puy | MN1/2 | 19 | 1.00 | 0.34 | 0.22 | 0.24 | 0.06 | 0.64 | 0.41 | 0.75 | 0.12 | 0.13 | 0.33 | 0.17 | 0.37 | 0.06 | 0.02 | 0.02 | 0.23 | 0.01 | 0.05 |
| Selles-sur-Cher | MN1/2 | 11 | 0.99 | 0.38 | 0.30 | 0.43 | 0.13 | 0.51 | 0.88 | 0.38 | 0.20 | 0.21 | 0.38 | 0.25 | 0.40 | 0.12 | 0.10 | 0.08 | 0.29 | 0.04 | 0.12 |
| Ulm-Uniklinik | MN1/2 | 7 | 1.00 | 0.42 | 0.35 | 0.18 | 0.19 | 0.64 | 0.94 | 0.40 | 0.26 | 0.27 | 0.42 | 0.32 | 0.43 | 0.19 | 0.15 | 0.14 | 0.36 | 0.08 | 0.18 |
| Ulm-Westtangente | MN1/2 | 13 | 1.00 | 0.36 | 0.27 | 0.30 | 0.09 | 0.71 | 0.94 | 0.35 | 0.16 | 0.14 | 0.36 | 0.23 | 0.39 | 0.09 | 0.05 | 0.04 | 0.25 | 0.08 | 0.08 |
| Valquemado | MN1/2 | 8 | 0.92 | 0.42 | 0.36 | 0.18 | 0.20 | 0.21 | 0.94 | 0.39 | 0.27 | 0.26 | 0.41 | 0.31 | 0.43 | 0.18 | 0.16 | 0.13 | 0.35 | 0.08 | 0.19 |
| Agyspe | MN1/2 | 6 | 0.72 | 0.42 | 0.37 | 0.23 | 0.64 | 0.67 | 0.96 | 0.42 | 0.31 | 0.29 | 0.43 | 0.34 | 0.45 | 0.22 | 0.55 | 0.51 | 0.37 | 0.11 | 0.21 |
| Chavroches | MN1/2 | 9 | 1.00 | 0.40 | 0.32 | 0.14 | 0.17 | 0.19 | 0.65 | 0.37 | 0.24 | 0.24 | 0.40 | 0.29 | 0.42 | 0.15 | 0.11 | 0.09 | 0.32 | 0.05 | 0.13 |
| Saulcet | MN1/2 | 6 | 0.99 | 0.44 | 0.37 | 0.22 | 0.23 | 0.25 | 0.74 | 0.41 | 0.30 | 0.30 | 0.43 | 0.34 | 0.45 | 0.22 | 0.18 | 0.16 | 0.36 | 0.10 | 0.22 |
| Dera Bugti 3bis | MN1/2 | 6 | 0.32 | 0.44 | 0.99 | 0.25 | 0.72 | 0.29 | 0.78 | 0.93 | 0.80 | 0.33 | 0.44 | 0.36 | 0.45 | 0.67 | 0.64 | 0.19 | 0.40 | 0.81 | 0.24 |
| Moroto I | MN1/2 | 7 | 0.25 | 0.93 | 0.83 | 1.00 | 0.61 | 0.64 | 0.27 | 0.41 | 0.94 | 0.26 | 0.42 | 0.31 | 0.44 | 0.19 | 0.82 | 0.13 | 0.35 | 0.08 | 0.18 |
| Nyanza 1 (Meswa Br | MN1/2 | 7 | 0.24 | 0.43 | 0.82 | 1.00 | 0.58 | 0.99 | 0.72 | 0.40 | 0.72 | 0.73 | 0.92 | 0.79 | 0.43 | 1.00 | 0.96 | 0.46 | 0.83 | 0.30 | 0.17 |
| Paulhiac | MN1/2 | 23 | 1.00 | 0.29 | 0.17 | 0.16 | 0.03 | 0.23 | 0.65 | 0.72 | 0.08 | 0.09 | 0.29 | 0.47 | 0.34 | 0.04 | 0.02 | 0.07 | 0.18 | 0.02 | 0.13 |
| Akzhar svita | MN1/2 | 5 | 0.31 | 0.44 | 0.40 | 0.23 | 0.26 | 0.29 | 0.32 | 0.42 | 0.33 | 0.33 | 0.44 | 0.34 | 0.45 | 0.27 | 0.21 | 0.18 | 0.39 | 0.14 | 0.92 |

Appendix 2. List of selected late Miocene sites with age information and GFRI values used for Raup-Crick GFRI analysis.
(MNEQ stands for MN unit equivalent, N Rows show number of taxa, GFRI stands for genus level faunal similarity index)

| Name | MN EQ | N Rows | Bou Hanif | Ngorora | Nakali | Samburu I | Chorora | Corakyerler | Baynunah | Pikermi | Baode | Azmaka 1-4 | Lower Nawata | Toros-Menalla | Mpesida | Albertine 1 | Wadi Natrun | Menacer | Sahabi | Upper N | Alayla | Adu Dora | Asa Koma | Saitune Dora |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Olduvai Bed I | MN17 | 63 | 0.27 | 0.11 | 0.49 | 0.43 | 0.85 | 0.02 | 0.11 | 0.00 | 0.02 | 0.38 | 0.91 | 0.43 | 0.99 | 0.99 | 0.99 | 0.26 | 0.27 | 0.99 | 0.94 | 0.90 | 0.83 | 0.56 |
| Yakkabed | MN17 | 17 | 0.83 | 0.49 | 0.47 | 0.47 | 0.25 | 0.65 | 0.54 | 0.07 | 0.50 | 0.31 | 0.12 | 0.70 | 0.24 | 0.10 | 0.53 | 0.25 | 0.60 | 0.12 | 0.07 | 0.28 | 0.03 | 0.10 |
| Koobi Fora Ridge 2 | MN17 | 45 | 0.54 | 0.25 | 0.53 | 0.73 | 0.82 | 0.28 | 0.60 | 0.02 | 0.13 | 0.50 | 0.97 | 0.84 | 0.94 | 0.97 | 0.84 | 0.44 | 0.65 | 0.99 | 0.68 | 0.53 | 0.43 | 0.28 |
| Gulizindon | MN17 | 5 | 0.35 | 0.82 | 0.34 | 0.32 | 0.41 | 0.73 | 0.37 | 0.14 | 0.66 | 0.28 | 0.19 | 0.23 | 0.40 | 0.29 | 0.36 | 0.40 | 0.28 | 0.20 | 0.27 | 0.42 | 0.22 | 0.28 |
| Karari Ridge 2 | MN17 | 60 | 0.14 | 0.37 | 0.57 | 0.54 | 0.67 | 0.10 | 0.41 | 0.00 | 0.05 | 0.26 | 0.99 | 0.85 | 0.96 | 1.00 | 0.86 | 0.30 | 0.56 | 1.00 | 0.90 | 0.93 | 0.90 | 0.68 |
| Nurnus | MN17 | 5 | 0.35 | 0.35 | 0.34 | 0.79 | 0.41 | 0.73 | 0.84 | 0.81 | 0.68 | 0.73 | 0.59 | 0.22 | 0.40 | 0.29 | 0.37 | 0.41 | 0.25 | 0.59 | 0.73 | 0.92 | 0.62 | 0.74 |
| Rostov (na Donu) - T | MN17 | 12 | 0.25 | 0.25 | 0.23 | 0.23 | 0.80 | 0.15 | 0.24 | 0.05 | 0.13 | 0.80 | 0.28 | 0.39 | 0.79 | 0.82 | 0.72 | 0.32 | 0.46 | 0.60 | 0.95 | 0.36 | 0.66 | 0.51 |
| Zhdanov | MN17 | 5 | 0.35 | 0.35 | 0.35 | 0.33 | 0.41 | 0.27 | 0.35 | 0.14 | 0.24 | 0.73 | 0.57 | 0.65 | 0.89 | 0.96 | 0.84 | 0.39 | 0.26 | 0.59 | 0.95 | 0.41 | 0.62 | 0.29 |
| Zhevakhova Gora | MN17 | 5 | 0.35 | 0.35 | 0.34 | 0.34 | 0.41 | 0.29 | 0.37 | 0.16 | 0.24 | 0.73 | 0.57 | 0.67 | 0.89 | 0.95 | 0.85 | 0.40 | 0.25 | 0.62 | 0.94 | 0.41 | 0.61 | 0.26 |
| Malapa | MN17 | 20 | 0.17 | 0.16 | 0.14 | 0.15 | 0.26 | 0.08 | 0.17 | 0.06 | 0.22 | 0.08 | 0.31 | 0.71 | 0.67 | 0.09 | 0.18 | 0.25 | 0.06 | 0.61 | 0.59 | 0.75 | 0.67 | 0.62 |
| Ahl al Oughlam | MN17 | 42 | 0.38 | 0.15 | 0.13 | 0.10 | 0.69 | 0.10 | 0.42 | 0.01 | 0.30 | 0.29 | 0.83 | 0.98 | 0.97 | 0.75 | 0.86 | 0.63 | 0.41 | 0.79 | 0.94 | 0.76 | 0.84 | 0.48 |
| Dege | MN17 | 5 | 0.35 | 0.34 | 0.34 | 0.32 | 0.41 | 0.28 | 0.37 | 0.50 | 0.66 | 0.28 | 0.58 | 0.23 | 0.39 | 0.75 | 0.37 | 0.39 | 0.26 | 0.60 | 0.28 | 0.42 | 0.21 | 0.26 |
| Liventsovka (Rostov | MN17 | 18 | 0.50 | 0.16 | 0.45 | 0.47 | 0.25 | 0.28 | 0.50 | 0.05 | 0.48 | 0.57 | 0.27 | 0.41 | 0.64 | 0.86 | 0.82 | 0.25 | 0.26 | 0.33 | 0.57 | 0.28 | 0.15 | 0.06 |
| Kanjera 2 | MN17 | 12 | 0.24 | 0.66 | 0.66 | 0.90 | 0.34 | 0.15 | 0.26 | 0.23 | 0.12 | 0.52 | 0.59 | 0.10 | 0.97 | 0.83 | 0.99 | 0.32 | 0.46 | 0.85 | 0.96 | 0.83 | 0.90 | 0.80 |
| Shungura G | MN17 | 58 | 0.12 | 0.10 | 0.51 | 0.46 | 0.86 | 0.02 | 0.14 | 0.00 | 0.01 | 0.22 | 0.97 | 0.31 | 0.95 | 0.98 | 0.82 | 0.05 | 0.49 | 1.00 | 0.79 | 0.67 | 0.77 | 0.78 |
| Kalakodo | MN17 | 13 | 0.59 | 0.20 | 0.58 | 0.85 | 0.76 | 0.72 | 0.89 | 0.13 | 0.63 | 0.40 | 0.95 | 0.99 | 0.73 | 0.92 | 0.21 | 0.75 | 0.68 | 0.99 | 0.71 | 0.32 | 0.23 | 0.41 |
| Podpusk-Lebyazhje | MN17 | 6 | 0.81 | 0.35 | 0.82 | 0.80 | 0.41 | 0.76 | 0.84 | 0.50 | 0.67 | 0.73 | 0.58 | 0.64 | 0.39 | 0.76 | 0.35 | 0.40 | 0.70 | 0.61 | 0.71 | 0.41 | 0.21 | 0.28 |
| Kangaki 1 and 2 | MN17 | 16 | 0.53 | 0.17 | 0.53 | 0.78 | 0.28 | 0.67 | 0.86 | 0.09 | 0.52 | 0.34 | 0.81 | 0.71 | 0.93 | 0.89 | 0.56 | 0.68 | 0.83 | 0.98 | 0.85 | 0.74 | 0.45 | 0.34 |
| Ain Jourdel | MN17 | 10 | 0.71 | 0.26 | 0.69 | 0.66 | 0.81 | 0.84 | 0.94 | 0.25 | 0.79 | 0.55 | 0.88 | 0.98 | 0.80 | 0.87 | 0.28 | 0.81 | 0.95 | 0.69 | 0.54 | 0.85 | 0.73 | 0.54 |
| Bala Deino | MN17 | 6 | 0.33 | 0.79 | 0.77 | 0.78 | 0.99 | 0.68 | 0.82 | 0.75 | 0.60 | 0.99 | 0.99 | 0.98 | 0.99 | 1.00 | 0.97 | 0.85 | 0.64 | 1.00 | 0.91 | 0.41 | 0.85 | 0.70 |
| Beregovaya | MN17 | 12 | 0.72 | 0.28 | 0.69 | 0.66 | 0.34 | 0.85 | 0.94 | 0.28 | 0.77 | 0.56 | 0.33 | 0.92 | 0.33 | 0.60 | 0.28 | 0.79 | 0.80 | 0.34 | 0.17 | 0.36 | 0.10 | 0.16 |
| Costa S. Giacomo | MN17 | 11 | 0.66 | 0.22 | 0.62 | 0.59 | 0.33 | 0.48 | 0.68 | 0.20 | 0.67 | 0.77 | 0.54 | 0.65 | 0.77 | 0.80 | 0.66 | 0.30 | 0.76 | 0.57 | 0.76 | 0.35 | 0.29 | 0.15 |
| Gamedah | MN17 | 6 | 0.34 | 0.34 | 0.32 | 0.32 | 0.40 | 0.25 | 0.33 | 0.11 | 0.21 | 0.26 | 0.51 | 0.18 | 0.87 | 0.26 | 0.82 | 0.37 | 0.65 | 0.84 | 0.67 | 0.40 | 0.56 | 0.68 |
| Gwebin | MN17 | 11 | 0.68 | 0.25 | 0.23 | 0.22 | 0.33 | 0.16 | 0.70 | 0.04 | 0.42 | 0.16 | 0.28 | 0.37 | 0.78 | 0.85 | 0.26 | 0.31 | 0.14 | 0.33 | 0.16 | 0.35 | 0.09 | 0.15 |
| Kanam East | MN17 | 11 | 0.23 | 0.65 | 0.89 | 0.62 | 0.80 | 0.13 | 0.64 | 0.18 | 0.10 | 0.95 | 1.00 | 0.97 | 0.96 | 1.00 | 0.93 | 0.74 | 0.74 | 1.00 | 1.00 | 0.98 | 0.99 | 0.99 |
| Kanam West | MN17 | 16 | 0.54 | 0.54 | 0.99 | 0.79 | 0.73 | 0.66 | 0.97 | 0.27 | 0.54 | 0.96 | 1.00 | 0.99 | 1.00 | 1.00 | 0.97 | 0.92 | 0.98 | 1.00 | 1.00 | 0.95 | 1.00 | 0.99 |
| Kesem-Kebena 1 | MN17 | 5 | 0.35 | 0.36 | 0.32 | 0.33 | 0.40 | 0.29 | 0.35 | 0.15 | 0.24 | 0.27 | 0.57 | 0.65 | 0.39 | 0.75 | 0.34 | 0.39 | 0.26 | 0.60 | 0.73 | 0.42 | 0.63 | 0.28 |
| Kubi Algi | MN17 | 6 | 0.31 | 0.32 | 0.31 | 0.32 | 0.39 | 0.24 | 0.81 | 0.12 | 0.21 | 0.68 | 0.96 | 0.98 | 0.98 | 1.00 | 0.82 | 0.38 | 0.91 | 1.00 | 0.99 | 0.90 | 0.97 | 0.92 |
| Laetoli_ndolanya be | MN17 | 18 | 0.13 | 0.15 | 0.14 | 0.42 | 0.21 | 0.06 | 0.15 | 0.05 | 0.18 | 0.06 | 0.86 | 0.62 | 0.89 | 0.59 | 0.16 | 0.22 | 0.22 | 0.90 | 0.80 | 0.26 | 0.81 | 0.81 |
| Laetoli_upper unit | MN17 | 27 | 0.10 | 0.38 | 0.09 | 0.08 | 0.20 | 0.04 | 0.11 | 0.00 | 0.02 | 0.03 | 0.53 | 0.46 | 0.17 | 0.20 | 0.11 | 0.15 | 0.15 | 0.16 | 0.84 | 0.63 | 0.83 | 0.66 |
| Lomekwi 8 | MN17 | 11 | 0.25 | 0.24 | 0.24 | 0.22 | 0.32 | 0.15 | 0.27 | 0.05 | 0.12 | 0.15 | 0.94 | 0.70 | 0.97 | 0.96 | 0.68 | 0.32 | 0.46 | 1.00 | 0.95 | 0.81 | 0.89 | 0.52 |
| Makapansgat 3 | MN17 | 58 | 0.29 | 0.01 | 0.29 | 0.07 | 0.87 | 0.02 | 0.15 | 0.01 | 0.03 | 0.08 | 0.77 | 0.64 | 0.80 | 0.94 | 0.60 | 0.07 | 0.32 | 0.96 | 0.16 | 0.37 | 0.60 | 0.92 |
| Makapansgat 4 | MN17 | 23 | 0.42 | 0.12 | 0.40 | 0.37 | 0.22 | 0.23 | 0.45 | 0.03 | 0.14 | 0.52 | 0.39 | 0.54 | 0.60 | 0.93 | 0.77 | 0.20 | 0.18 | 0.45 | 0.20 | 0.23 | 0.26 | 0.05 |
| Montopoli | MN17 | 11 | 0.69 | 0.24 | 0.66 | 0.63 | 0.33 | 0.51 | 0.72 | 0.20 | 0.73 | 0.81 | 0.58 | 0.68 | 0.77 | 0.83 | 0.69 | 0.32 | 0.76 | 0.64 | 0.79 | 0.35 | 0.37 | 0.15 |
| Nogaret | MN17 | 6 | 0.32 | 0.32 | 0.31 | 0.31 | 0.39 | 0.23 | 0.34 | 0.12 | 0.20 | 0.26 | 0.15 | 0.19 | 0.38 | 0.27 | 0.35 | 0.37 | 0.64 | 0.16 | 0.25 | 0.41 | 0.17 | 0.26 |
| Stavropol-Kavkazskij | MN17 | 10 | 0.68 | 0.67 | 0.91 | 0.98 | 0.33 | 0.51 | 0.72 | 0.91 | 0.73 | 0.99 | 0.85 | 0.89 | 0.78 | 0.84 | 0.93 | 0.32 | 0.48 | 0.85 | 0.95 | 0.35 | 0.65 | 0.51 |
| Sterkfontein 2 | MN17 | 6 | 0.32 | 0.33 | 0.31 | 0.31 | 0.39 | 0.24 | 0.34 | 0.12 | 0.20 | 0.26 | 0.51 | 0.86 | 0.39 | 0.26 | 0.34 | 0.38 | 0.23 | 0.53 | 0.25 | 0.40 | 0.56 | 0.69 |
| Tsao Chuang | MN17 | 7 | 0.31 | 0.30 | 0.31 | 0.29 | 0.36 | 0.23 | 0.31 | 0.08 | 0.20 | 0.23 | 0.13 | 0.16 | 0.36 | 0.23 | 0.33 | 0.36 | 0.20 | 0.13 | 0.22 | 0.39 | 0.15 | 0.23 |
| Ileret 1 | MN17 | 15 | 0.56 | 0.19 | 0.52 | 0.53 | 0.72 | 0.37 | 0.59 | 0.09 | 0.28 | 0.70 | 0.85 | 0.78 | 0.69 | 0.73 | 0.59 | 0.27 | 0.33 | 0.89 | 0.37 | 0.28 | 0.23 | 0.09 |
| Adyrgan | MN17 | 5 | 0.84 | 0.35 | 0.81 | 0.81 | 0.42 | 0.73 | 0.83 | 0.52 | 0.67 | 0.95 | 0.86 | 0.91 | 0.88 | 0.74 | 0.83 | 0.40 | 0.69 | 0.87 | 0.72 | 0.42 | 0.63 | 0.29 |
| Ain Boucherit | MN17 | 21 | 0.75 | 0.12 | 0.41 | 0.39 | 0.65 | 0.24 | 0.48 | 0.04 | 0.16 | 0.78 | 0.67 | 0.58 | 0.98 | 0.99 | 0.95 | 0.22 | 0.47 | 0.74 | 0.76 | 0.69 | 0.33 | 0.24 |
| Almenara-Casablanc | MN17 | 13 | 0.22 | 0.21 | 0.21 | 0.19 | 0.30 | 0.13 | 0.24 | 0.37 | 0.34 | 0.13 | 0.04 | 0.58 | 0.29 | 0.14 | 0.23 | 0.30 | 0.37 | 0.05 | 0.12 | 0.33 | 0.07 | 0.12 |
| Chilhac | MN17 | 17 | 0.15 | 0.15 | 0.15 | 0.13 | 0.25 | 0.07 | 0.16 | 0.01 | 0.21 | 0.27 | 0.09 | 0.39 | 0.66 | 0.87 | 0.52 | 0.22 | 0.24 | 0.11 | 0.58 | 0.26 | 0.13 | 0.07 |
| Cornillet 3 | MN17 | 8 | 0.72 | 0.28 | 0.73 | 0.72 | 0.36 | 0.61 | 0.76 | 0.32 | 0.82 | 0.60 | 0.36 | 0.46 | 0.35 | 0.22 | 0.30 | 0.36 | 0.56 | 0.41 | 0.18 | 0.38 | 0.13 | 0.18 |
| Coupet | MN17 | 16 | 0.22 | 0.22 | 0.23 | 0.22 | 0.32 | 0.15 | 0.24 | 0.03 | 0.38 | 0.48 | 0.23 | 0.36 | 0.77 | 0.96 | 0.69 | 0.31 | 0.44 | 0.28 | 0.75 | 0.35 | 0.30 | 0.14 |
| Dafnero (DFN) | MN17 | 12 | 0.62 | 0.21 | 0.59 | 0.58 | 0.31 | 0.44 | 0.65 | 0.13 | 0.37 | 0.42 | 0.21 | 0.83 | 0.29 | 0.14 | 0.22 | 0.29 | 0.38 | 0.24 | 0.10 | 0.33 | 0.06 | 0.12 |
| La Puebla de Valver | MN17 | 23 | 0.72 | 0.11 | 0.37 | 0.31 | 0.20 | 0.17 | 0.38 | 0.02 | 0.28 | 0.18 | 0.04 | 0.45 | 0.18 | 0.47 | 0.41 | 0.57 | 0.34 | 0.04 | 0.15 | 0.22 | 0.01 | 0.04 |
| Longdan | MN17 | 29 | 0.61 | 0.08 | 0.27 | 0.25 | 0.18 | 0.11 | 0.33 | 0.01 | 0.07 | 0.12 | 0.02 | 0.36 | 0.14 | 0.17 | 0.35 | 0.48 | 0.24 | 0.02 | 0.02 | 0.21 | 0.01 | 0.02 |
| Montouss? 5 | MN17 | 16 | 0.53 | 0.18 | 0.16 | 0.15 | 0.26 | 0.09 | 0.19 | 0.49 | 0.55 | 0.08 | 0.03 | 0.48 | 0.26 | 0.09 | 0.60 | 0.70 | 0.07 | 0.03 | 0.08 | 0.28 | 0.04 | 0.09 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nihewan_Xiashagou | MN17 | 29 | 0.07 | 0.07 | 0.06 | 0.04 | 0.16 | 0.02 | 0.07 | 0.00 | 0.06 | 0.02 | 0.00 | 0.14 | 0.15 | 0.14 | 0.62 | 0.13 | 0.01 | 0.00 | 0.02 | 0.19 | 0.00 | 0.02 |
| Pardines | MN17 | 17 | 0.53 | 0.15 | 0.49 | 0.44 | 0.27 | 0.32 | 0.53 | 0.06 | 0.48 | 0.64 | 0.33 | 0.69 | 0.67 | 0.66 | 0.54 | 0.24 | 0.55 | 0.34 | 0.29 | 0.28 | 0.16 | 0.08 |
| Pietris | MN17 | 9 | 0.25 | 0.25 | 0.24 | 0.24 | 0.36 | 0.17 | 0.28 | 0.04 | 0.46 | 0.17 | 0.08 | 0.12 | 0.34 | 0.60 | 0.28 | 0.34 | 0.16 | 0.09 | 0.53 | 0.37 | 0.10 | 0.17 |
| Podpusk-Lebyazhje | MN17 | 15 | 0.58 | 0.19 | 0.56 | 0.54 | 0.28 | 0.36 | 0.60 | 0.10 | 0.59 | 0.37 | 0.16 | 0.23 | 0.28 | 0.72 | 0.60 | 0.27 | 0.31 | 0.18 | 0.36 | 0.30 | 0.04 | 0.09 |
| Saint Vallier | MN17 | 32 | 0.54 | 0.05 | 0.22 | 0.19 | 0.14 | 0.09 | 0.29 | 0.00 | 0.31 | 0.26 | 0.04 | 0.45 | 0.44 | 0.52 | 0.82 | 0.45 | 0.19 | 0.06 | 0.21 | 0.16 | 0.02 | 0.01 |
| Saint Vallier Banc LD | MN17 | 6 | 0.33 | 0.33 | 0.31 | 0.31 | 0.39 | 0.25 | 0.33 | 0.12 | 0.63 | 0.25 | 0.15 | 0.19 | 0.38 | 0.26 | 0.34 | 0.38 | 0.62 | 0.16 | 0.25 | 0.41 | 0.19 | 0.24 |
| Saint Vallier Banc LD | MN17 | 23 | 0.72 | 0.10 | 0.37 | 0.34 | 0.19 | 0.18 | 0.41 | 0.02 | 0.33 | 0.45 | 0.14 | 0.71 | 0.56 | 0.48 | 0.76 | 0.59 | 0.37 | 0.19 | 0.19 | 0.23 | 0.08 | 0.04 |
| Sarikol Tepe (Sinap E | MN17 | 8 | 0.74 | 0.29 | 0.74 | 0.71 | 0.37 | 0.61 | 0.77 | 0.32 | 0.50 | 0.59 | 0.37 | 0.46 | 0.35 | 0.62 | 0.76 | 0.35 | 0.54 | 0.41 | 0.21 | 0.38 | 0.14 | 0.19 |
| Sen?ze | MN17 | 30 | 0.32 | 0.08 | 0.07 | 0.06 | 0.18 | 0.02 | 0.09 | 0.00 | 0.07 | 0.02 | 0.00 | 0.17 | 0.16 | 0.42 | 0.38 | 0.53 | 0.08 | 0.00 | 0.12 | 0.20 | 0.01 | 0.03 |
| Sesklon (SES) | MN17 | 20 | 0.49 | 0.15 | 0.50 | 0.45 | 0.26 | 0.27 | 0.51 | 0.05 | 0.45 | 0.61 | 0.26 | 0.67 | 0.65 | 0.85 | 0.53 | 0.23 | 0.25 | 0.32 | 0.58 | 0.28 | 0.15 | 0.06 |
| Taung | MN17 | 11 | 0.67 | 0.25 | 0.25 | 0.23 | 0.33 | 0.16 | 0.27 | 0.05 | 0.12 | 0.14 | 0.27 | 0.38 | 0.32 | 0.53 | 0.26 | 0.32 | 0.12 | 0.33 | 0.15 | 0.35 | 0.35 | 0.15 |
| Varshets | MN17 | 22 | 0.12 | 0.14 | 0.12 | 0.12 | 0.24 | 0.05 | 0.14 | 0.03 | 0.17 | 0.05 | 0.01 | 0.14 | 0.22 | 0.07 | 0.15 | 0.21 | 0.04 | 0.01 | 0.05 | 0.24 | 0.01 | 0.07 |
| Volax (VOL) | MN17 | 15 | 0.53 | 0.17 | 0.51 | 0.46 | 0.27 | 0.34 | 0.57 | 0.08 | 0.24 | 0.35 | 0.13 | 0.49 | 0.24 | 0.10 | 0.19 | 0.25 | 0.60 | 0.16 | 0.08 | 0.29 | 0.04 | 0.08 |
| Yuxian-Dongyaozitou | MN17 | 10 | 0.91 | 0.69 | 0.92 | 0.91 | 0.34 | 0.96 | 0.99 | 0.50 | 0.98 | 0.50 | 0.59 | 0.70 | 0.31 | 0.53 | 0.68 | 0.96 | 0.76 | 0.60 | 0.50 | 0.36 | 0.37 | 0.50 |
| Zasukhino 2 | MN17 | 5 | 0.35 | 0.35 | 0.34 | 0.32 | 0.41 | 0.29 | 0.36 | 0.14 | 0.25 | 0.27 | 0.18 | 0.23 | 0.40 | 0.28 | 0.37 | 0.40 | 0.26 | 0.20 | 0.27 | 0.42 | 0.23 | 0.28 |
| zhoukoudian_Loc18 | MN17 | 17 | 0.15 | 0.15 | 0.14 | 0.13 | 0.26 | 0.07 | 0.16 | 0.18 | 0.04 | 0.07 | 0.09 | 0.15 | 0.23 | 0.07 | 0.16 | 0.24 | 0.05 | 0.02 | 0.06 | 0.29 | 0.03 | 0.07 |
| Shungura F | MN17 | 41 | 0.20 | 0.22 | 0.71 | 0.68 | 0.77 | 0.06 | 0.25 | 0.01 | 0.02 | 0.38 | 0.98 | 0.76 | 0.97 | 0.98 | 0.92 | 0.11 | 0.34 | 1.00 | 0.91 | 0.81 | 0.94 | 0.83 |
| Charyn upper | MN17 | 5 | 0.36 | 0.35 | 0.34 | 0.33 | 0.42 | 0.28 | 0.37 | 0.15 | 0.24 | 0.74 | 0.56 | 0.63 | 0.89 | 0.95 | 0.84 | 0.39 | 0.26 | 0.60 | 0.94 | 0.42 | 0.63 | 0.28 |
| Oosterschelde | MN17 | 10 | 0.26 | 0.25 | 0.22 | 0.22 | 0.35 | 0.16 | 0.26 | 0.04 | 0.43 | 0.49 | 0.29 | 0.40 | 0.78 | 0.97 | 0.71 | 0.32 | 0.46 | 0.32 | 0.79 | 0.36 | 0.35 | 0.17 |
| Tegelen | MN17 | 13 | 0.58 | 0.20 | 0.18 | 0.17 | 0.29 | 0.11 | 0.21 | 0.02 | 0.31 | 0.11 | 0.04 | 0.05 | 0.27 | 0.43 | 0.62 | 0.73 | 0.37 | 0.05 | 0.37 | 0.33 | 0.05 | 0.11 |
| Shungura E | MN17 | 33 | 0.28 | 0.33 | 0.28 | 0.27 | 0.52 | 0.11 | 0.65 | 0.01 | 0.07 | 0.33 | 1.00 | 0.90 | 0.99 | 1.00 | 0.87 | 0.50 | 0.89 | 1.00 | 0.97 | 0.87 | 0.99 | 0.99 |
| Lomekwi 3 | MN17 | 14 | 0.22 | 0.62 | 0.88 | 0.86 | 0.77 | 0.12 | 0.22 | 0.12 | 0.09 | 0.76 | 0.90 | 0.59 | 0.95 | 0.99 | 0.92 | 0.30 | 0.40 | 0.99 | 0.92 | 0.79 | 0.95 | 0.73 |
| Lokalalei 1 | MN17 | 12 | 0.61 | 0.62 | 0.88 | 0.88 | 0.31 | 0.74 | 0.90 | 0.35 | 0.68 | 0.75 | 0.90 | 0.95 | 0.76 | 0.78 | 0.66 | 0.74 | 0.70 | 0.98 | 0.90 | 0.33 | 0.82 | 0.76 |
| Tulchin | MN17 | 5 | 0.35 | 0.99 | 0.83 | 0.81 | 0.42 | 0.28 | 0.35 | 0.97 | 0.67 | 0.75 | 0.56 | 0.22 | 0.41 | 0.28 | 0.83 | 0.40 | 0.25 | 0.58 | 0.72 | 0.42 | 0.63 | 0.73 |
| Kalochoro IV | MN17 | 5 | 0.35 | 0.36 | 0.34 | 0.33 | 0.41 | 0.72 | 0.84 | 0.16 | 0.67 | 0.29 | 0.57 | 0.90 | 0.40 | 0.96 | 0.36 | 0.88 | 0.72 | 0.60 | 0.72 | 0.42 | 0.22 | 0.28 |
| Shungura D | MN17 | 32 | 0.08 | 0.32 | 0.83 | 0.26 | 0.84 | 0.02 | 0.08 | 0.04 | 0.01 | 0.35 | 0.64 | 0.37 | 0.95 | 1.00 | 0.86 | 0.50 | 0.27 | 0.99 | 0.92 | 0.87 | 0.89 | 0.82 |
| Hata (Bouri Fm.) | MN16 | 34 | 0.22 | 0.26 | 0.50 | 0.73 | 0.49 | 0.26 | 0.57 | 0.02 | 0.14 | 0.27 | 0.91 | 0.82 | 0.77 | 0.90 | 0.81 | 0.43 | 0.62 | 0.98 | 0.83 | 0.84 | 0.61 | 0.24 |
| Roccaneyra | MN16 | 12 | 0.67 | 0.25 | 0.64 | 0.60 | 0.32 | 0.79 | 0.91 | 0.18 | 0.89 | 0.79 | 0.54 | 0.96 | 0.76 | 0.95 | 0.67 | 0.76 | 0.92 | 0.60 | 0.46 | 0.33 | 0.32 | 0.15 |
| Kangatukuseo II | MN16 | 21 | 0.49 | 0.48 | 0.77 | 0.74 | 0.24 | 0.55 | 0.82 | 0.16 | 0.43 | 0.55 | 0.99 | 0.84 | 0.89 | 1.00 | 0.81 | 0.61 | 0.74 | 1.00 | 0.93 | 0.70 | 0.81 | 0.55 |
| Lomekwi 1 | MN16 | 22 | 0.49 | 0.13 | 0.46 | 0.43 | 0.25 | 0.54 | 0.79 | 0.05 | 0.44 | 0.27 | 0.86 | 0.93 | 0.90 | 0.95 | 0.50 | 0.64 | 0.77 | 0.99 | 0.78 | 0.71 | 0.80 | 0.27 |
| Kopala 2 | MN16 | 19 | 0.61 | 0.21 | 0.60 | 0.60 | 0.31 | 0.44 | 0.64 | 0.13 | 0.65 | 0.46 | 0.21 | 0.31 | 0.28 | 0.78 | 0.23 | 0.29 | 0.70 | 0.23 | 0.42 | 0.33 | 0.07 | 0.12 |
| Kangatukuseo I | MN16 | 12 | 0.22 | 0.62 | 0.59 | 0.85 | 0.30 | 0.12 | 0.23 | 0.15 | 0.08 | 0.43 | 0.92 | 0.83 | 0.75 | 0.95 | 0.91 | 0.29 | 0.39 | 0.98 | 0.92 | 0.80 | 0.80 | 0.46 |
| Kangatukuseo III | MN16 | 6 | 0.83 | 0.35 | 0.83 | 0.80 | 0.42 | 0.74 | 0.86 | 0.48 | 0.67 | 0.74 | 0.96 | 0.91 | 0.88 | 0.95 | 0.85 | 0.40 | 0.94 | 1.00 | 0.94 | 0.91 | 0.64 | 0.28 |
| Lomekwi 2 | MN16 | 6 | 0.31 | 0.32 | 0.34 | 0.31 | 0.40 | 0.68 | 0.82 | 0.11 | 0.61 | 0.24 | 0.83 | 0.86 | 0.87 | 0.99 | 0.81 | 0.86 | 0.91 | 0.96 | 0.92 | 0.88 | 0.57 | 0.24 |
| Laetoli_Upper Ndola | MN16 | 8 | 0.28 | 0.28 | 0.27 | 0.71 | 0.37 | 0.18 | 0.29 | 0.07 | 0.15 | 0.20 | 0.69 | 0.47 | 0.98 | 0.20 | 0.30 | 0.34 | 0.18 | 0.92 | 0.60 | 0.38 | 0.94 | 0.61 |
| Alikes (ALK) | MN16 | 8 | 0.33 | 0.35 | 0.35 | 0.34 | 0.42 | 0.30 | 0.36 | 0.15 | 0.24 | 0.28 | 0.18 | 0.24 | 0.40 | 0.29 | 0.36 | 0.40 | 0.26 | 0.21 | 0.27 | 0.42 | 0.22 | 0.29 |
| Capo Figari 1 | MN16 | 8 | 0.77 | 0.31 | 0.29 | 0.29 | 0.38 | 0.22 | 0.32 | 0.36 | 0.19 | 0.22 | 0.12 | 0.16 | 0.35 | 0.23 | 0.79 | 0.85 | 0.20 | 0.13 | 0.22 | 0.39 | 0.15 | 0.23 |
| Costa San Giacomo I | MN16 | 17 | 0.79 | 0.14 | 0.46 | 0.43 | 0.24 | 0.28 | 0.52 | 0.06 | 0.46 | 0.57 | 0.28 | 0.85 | 0.67 | 0.64 | 0.82 | 0.66 | 0.54 | 0.33 | 0.57 | 0.28 | 0.15 | 0.06 |
| Farneta | MN16 | 13 | 0.25 | 0.25 | 0.22 | 0.23 | 0.33 | 0.16 | 0.27 | 0.04 | 0.41 | 0.15 | 0.07 | 0.09 | 0.31 | 0.83 | 0.69 | 0.32 | 0.46 | 0.07 | 0.50 | 0.35 | 0.09 | 0.14 |
| Graunceanu | MN16 | 22 | 0.41 | 0.11 | 0.39 | 0.36 | 0.21 | 0.20 | 0.44 | 0.02 | 0.14 | 0.23 | 0.06 | 0.09 | 0.20 | 0.77 | 0.44 | 0.20 | 0.17 | 0.07 | 0.19 | 0.25 | 0.01 | 0.04 |
| Itantsinian FC | MN16 | 5 | 0.86 | 0.37 | 0.86 | 0.86 | 0.43 | 0.79 | 0.86 | 0.60 | 0.72 | 0.79 | 0.65 | 0.70 | 0.42 | 0.32 | 0.37 | 0.41 | 0.76 | 0.66 | 0.32 | 0.43 | 0.24 | 0.31 |
| Klochnevo 1 Eopleisi | MN16 | 5 | 0.37 | 0.38 | 0.37 | 0.36 | 0.43 | 0.30 | 0.38 | 0.19 | 0.28 | 0.31 | 0.23 | 0.27 | 0.41 | 0.32 | 0.39 | 0.41 | 0.29 | 0.24 | 0.32 | 0.43 | 0.24 | 0.32 |
| Krimni (KRI) | MN16 | 5 | 0.36 | 0.36 | 0.34 | 0.33 | 0.40 | 0.28 | 0.37 | 0.16 | 0.68 | 0.29 | 0.18 | 0.23 | 0.40 | 0.31 | 0.35 | 0.40 | 0.71 | 0.20 | 0.27 | 0.42 | 0.21 | 0.27 |
| Kuruksaj | MN16 | 30 | 0.58 | 0.06 | 0.24 | 0.23 | 0.53 | 0.28 | 0.30 | 0.02 | 0.17 | 0.29 | 0.05 | 0.29 | 0.14 | 0.35 | 0.31 | 0.13 | 0.08 | 0.02 | 0.08 | 0.20 | 0.00 | 0.02 |
| Livakos (LIV) | MN16 | 16 | 0.18 | 0.18 | 0.17 | 0.16 | 0.30 | 0.10 | 0.20 | 0.02 | 0.29 | 0.09 | 0.02 | 0.06 | 0.27 | 0.91 | 0.59 | 0.27 | 0.32 | 0.04 | 0.35 | 0.29 | 0.05 | 0.10 |
| Montopoli FU | MN16 | 20 | 0.45 | 0.13 | 0.41 | 0.40 | 0.23 | 0.24 | 0.48 | 0.04 | 0.67 | 0.55 | 0.23 | 0.60 | 0.61 | 0.81 | 0.49 | 0.21 | 0.41 | 0.26 | 0.51 | 0.25 | 0.10 | 0.06 |
| Nova Vieska | MN16 | 8 | 0.33 | 0.33 | 0.31 | 0.31 | 0.39 | 0.26 | 0.33 | 0.12 | 0.89 | 0.68 | 0.50 | 0.59 | 0.87 | 0.95 | 0.82 | 0.38 | 0.23 | 0.55 | 0.92 | 0.40 | 0.54 | 0.25 |
| Olivola FU | MN16 | 25 | 0.36 | 0.09 | 0.08 | 0.08 | 0.19 | 0.03 | 0.12 | 0.01 | 0.29 | 0.04 | 0.00 | 0.45 | 0.18 | 0.46 | 0.39 | 0.57 | 0.13 | 0.01 | 0.16 | 0.22 | 0.01 | 0.03 |
| Pantalla | MN16 | 7 | 0.31 | 0.30 | 0.28 | 0.29 | 0.39 | 0.21 | 0.32 | 0.09 | 0.17 | 0.22 | 0.12 | 0.16 | 0.37 | 0.23 | 0.33 | 0.37 | 0.58 | 0.13 | 0.22 | 0.39 | 0.14 | 0.22 |
| Pirro | MN16 | 13 | 0.22 | 0.21 | 0.19 | 0.21 | 0.32 | 0.13 | 0.23 | 0.02 | 0.33 | 0.12 | 0.05 | 0.07 | 0.29 | 0.48 | 0.22 | 0.29 | 0.36 | 0.06 | 0.43 | 0.33 | 0.06 | 0.12 |
| Polylakkos | MN16 | 5 | 0.35 | 0.35 | 0.33 | 0.34 | 0.42 | 0.27 | 0.37 | 0.15 | 0.23 | 0.73 | 0.57 | 0.64 | 0.88 | 0.97 | 0.84 | 0.40 | 0.71 | 0.60 | 0.94 | 0.42 | 0.64 | 0.28 |
| Pont de Gail | MN16 | 6 | 0.33 | 0.33 | 0.34 | 0.31 | 0.40 | 0.25 | 0.34 | 0.44 | 0.22 | 0.26 | 0.15 | 0.19 | 0.39 | 0.26 | 0.32 | 0.38 | 0.23 | 0.16 | 0.24 | 0.40 | 0.18 | 0.24 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Selvella | MN16 | 7 | 0.30 | 0.31 | 0.28 | 0.28 | 0.37 | 0.24 | 0.33 | 0.10 | 0.19 | 0.21 | 0.12 | 0.15 | 0.37 | 0.65 | 0.31 | 0.37 | 0.57 | 0.12 | 0.63 | 0.38 | 0.15 | 0.22 |
| Slivnitsa | MN16 | 15 | 0.16 | 0.17 | 0.16 | 0.15 | 0.27 | 0.09 | 0.18 | 0.02 | 0.05 | 0.09 | 0.03 | 0.17 | 0.25 | 0.36 | 0.18 | 0.26 | 0.07 | 0.03 | 0.08 | 0.31 | 0.04 | 0.08 |
| Strekov | MN16 | 8 | 0.33 | 0.32 | 0.32 | 0.31 | 0.39 | 0.24 | 0.32 | 0.11 | 0.89 | 0.68 | 0.49 | 0.58 | 0.87 | 0.93 | 0.80 | 0.39 | 0.22 | 0.53 | 0.94 | 0.41 | 0.55 | 0.25 |
| Tourkovounia 3-5 | MN16 | 5 | 0.35 | 0.34 | 0.34 | 0.34 | 0.41 | 0.27 | 0.36 | 0.14 | 0.66 | 0.29 | 0.17 | 0.23 | 0.40 | 0.74 | 0.35 | 0.40 | 0.25 | 0.19 | 0.28 | 0.42 | 0.21 | 0.29 |
| Triversa F.U | MN16 | 20 | 0.42 | 0.13 | 0.11 | 0.10 | 0.22 | 0.04 | 0.14 | 0.03 | 0.64 | 0.22 | 0.05 | 0.32 | 0.60 | 0.55 | 0.77 | 0.60 | 0.18 | 0.07 | 0.21 | 0.24 | 0.10 | 0.06 |
| Tsalka | MN16 | 8 | 0.30 | 0.29 | 0.27 | 0.27 | 0.35 | 0.20 | 0.30 | 0.08 | 0.15 | 0.21 | 0.10 | 0.15 | 0.35 | 0.64 | 0.30 | 0.36 | 0.17 | 0.11 | 0.18 | 0.38 | 0.12 | 0.21 |
| Kada Hadar | MN16 | 25 | 0.36 | 0.37 | 0.67 | 0.59 | 0.59 | 0.39 | 0.70 | 0.17 | 0.48 | 0.64 | 0.99 | 0.84 | 1.00 | 1.00 | 0.70 | 0.54 | 0.80 | 1.00 | 0.98 | 0.90 | 0.98 | 0.85 |
| Beregovaya 1 | MN16 | 24 | 0.94 | 0.46 | 0.73 | 0.71 | 0.23 | 0.79 | 0.95 | 0.13 | 0.85 | 0.23 | 0.19 | 0.61 | 0.20 | 0.28 | 0.14 | 0.88 | 0.44 | 0.24 | 0.22 | 0.26 | 0.11 | 0.24 |
| Shungura C | MN16 | 47 | 0.03 | 0.16 | 0.39 | 0.13 | 0.42 | 0.05 | 0.20 | 0.00 | 0.01 | 0.05 | 0.81 | 0.66 | 0.69 | 1.00 | 0.98 | 0.37 | 0.31 | 0.97 | 0.52 | 0.47 | 0.64 | 0.57 |
| Kopala 1 | MN16 | 6 | 0.41 | 0.40 | 0.41 | 0.39 | 0.44 | 0.35 | 0.42 | 0.24 | 0.32 | 0.35 | 0.28 | 0.30 | 0.44 | 0.85 | 0.41 | 0.44 | 0.35 | 0.28 | 0.83 | 0.45 | 0.29 | 0.35 |
| Shamar | MN16 | 22 | 0.47 | 0.13 | 0.43 | 0.40 | 0.22 | 0.55 | 0.79 | 0.04 | 0.41 | 0.25 | 0.09 | 0.81 | 0.21 | 0.29 | 0.15 | 0.63 | 0.45 | 0.07 | 0.05 | 0.26 | 0.01 | 0.06 |
| Laetoli_18 | MN16 | 11 | 0.67 | 0.21 | 0.63 | 0.88 | 0.78 | 0.79 | 0.91 | 0.19 | 0.67 | 0.78 | 0.98 | 0.99 | 1.00 | 0.99 | 0.26 | 0.76 | 0.73 | 1.00 | 0.93 | 0.35 | 0.84 | 0.46 |
| Laetoli_7E | MN16 | 9 | 0.70 | 0.26 | 0.69 | 0.92 | 0.35 | 0.85 | 0.94 | 0.23 | 0.79 | 0.56 | 0.63 | 0.92 | 0.97 | 0.59 | 0.27 | 0.81 | 0.80 | 0.89 | 0.82 | 0.36 | 0.90 | 0.56 |
| Lomekwi 4 | MN16 | 27 | 0.39 | 0.10 | 0.69 | 0.62 | 0.62 | 0.45 | 0.74 | 0.02 | 0.31 | 0.43 | 0.95 | 0.95 | 0.97 | 1.00 | 0.42 | 0.86 | 0.84 | 1.00 | 0.86 | 0.91 | 0.85 | 0.47 |
| Lomekwi 4 East | MN16 | 5 | 0.85 | 0.37 | 0.86 | 0.98 | 0.43 | 0.80 | 0.87 | 0.59 | 0.75 | 0.79 | 0.91 | 0.95 | 0.43 | 0.81 | 0.39 | 0.40 | 0.75 | 0.93 | 0.76 | 0.43 | 0.26 | 0.31 |
| Lomekwi 5 | MN16 | 30 | 0.37 | 0.35 | 0.86 | 0.83 | 0.58 | 0.37 | 0.70 | 0.05 | 0.28 | 0.66 | 0.94 | 0.93 | 0.97 | 1.00 | 0.90 | 0.85 | 0.92 | 1.00 | 0.93 | 0.91 | 0.92 | 0.66 |
| Lomekwi | MN16 | 21 | 0.17 | 0.17 | 0.82 | 0.14 | 0.71 | 0.32 | 0.85 | 0.01 | 0.21 | 0.32 | 0.98 | 0.87 | 0.99 | 1.00 | 0.85 | 0.92 | 0.99 | 1.00 | 0.99 | 0.95 | 0.95 | 0.99 |
| Ain Brimba | MN16 | 12 | 0.61 | 0.21 | 0.60 | 0.55 | 0.96 | 0.44 | 0.65 | 0.15 | 0.34 | 0.75 | 0.90 | 0.85 | 0.95 | 0.99 | 0.23 | 0.31 | 0.71 | 0.80 | 0.76 | 0.81 | 0.57 | 0.42 |
| Covrigi | MN16 | 5 | 0.35 | 0.33 | 0.36 | 0.33 | 0.41 | 0.28 | 0.37 | 0.15 | 0.93 | 0.73 | 0.56 | 0.66 | 0.90 | 0.75 | 0.83 | 0.41 | 0.26 | 0.60 | 0.72 | 0.42 | 0.63 | 0.27 |
| El Rinc?n | MN16 | 11 | 0.64 | 0.23 | 0.64 | 0.61 | 0.32 | 0.47 | 0.66 | 0.46 | 0.69 | 0.48 | 0.27 | 0.32 | 0.31 | 0.14 | 0.24 | 0.31 | 0.42 | 0.27 | 0.13 | 0.33 | 0.07 | 0.13 |
| Etouaires | MN16 | 30 | 0.28 | 0.07 | 0.26 | 0.24 | 0.16 | 0.12 | 0.34 | 0.00 | 0.82 | 0.35 | 0.07 | 0.36 | 0.47 | 0.65 | 0.65 | 0.15 | 0.51 | 0.10 | 0.32 | 0.19 | 0.14 | 0.13 |
| Groserea | MN16 | 5 | 0.36 | 0.37 | 0.34 | 0.34 | 0.41 | 0.28 | 0.37 | 0.15 | 0.68 | 0.73 | 0.56 | 0.66 | 0.89 | 0.75 | 0.85 | 0.39 | 0.26 | 0.60 | 0.72 | 0.42 | 0.63 | 0.29 |
| Gulyazi | MN16 | 18 | 0.48 | 0.15 | 0.47 | 0.45 | 0.24 | 0.27 | 0.55 | 0.06 | 0.47 | 0.60 | 0.53 | 0.95 | 0.66 | 0.65 | 0.82 | 0.22 | 0.53 | 0.56 | 0.28 | 0.29 | 0.37 | 0.28 |
| Gundersheim 1 | MN16 | 5 | 0.84 | 0.35 | 0.35 | 0.33 | 0.40 | 0.29 | 0.35 | 0.50 | 0.24 | 0.29 | 0.18 | 0.65 | 0.40 | 0.30 | 0.84 | 0.89 | 0.25 | 0.21 | 0.28 | 0.41 | 0.21 | 0.28 |
| Hajn?cka | MN16 | 23 | 0.13 | 0.14 | 0.13 | 0.12 | 0.24 | 0.06 | 0.15 | 0.05 | 0.68 | 0.28 | 0.08 | 0.15 | 0.63 | 0.31 | 0.82 | 0.21 | 0.05 | 0.10 | 0.25 | 0.26 | 0.12 | 0.07 |
| Hu?lago | MN16 | 11 | 0.62 | 0.24 | 0.63 | 0.61 | 0.31 | 0.49 | 0.67 | 0.45 | 0.67 | 0.47 | 0.23 | 0.33 | 0.32 | 0.52 | 0.25 | 0.30 | 0.44 | 0.26 | 0.47 | 0.35 | 0.08 | 0.14 |
| Iaras-1 | MN16 | 6 | 0.33 | 0.33 | 0.31 | 0.32 | 0.39 | 0.69 | 0.80 | 0.11 | 0.98 | 0.69 | 0.50 | 0.86 | 0.88 | 0.94 | 0.81 | 0.88 | 0.66 | 0.52 | 0.67 | 0.41 | 0.57 | 0.24 |
| Illieni | MN16 | 5 | 0.84 | 0.35 | 0.82 | 0.80 | 0.41 | 0.70 | 0.84 | 0.51 | 0.92 | 0.94 | 0.88 | 0.90 | 0.89 | 0.76 | 0.84 | 0.39 | 0.71 | 0.89 | 0.73 | 0.41 | 0.63 | 0.28 |
| Jingle-hefeng | MN16 | 6 | 0.81 | 0.33 | 0.78 | 0.77 | 0.40 | 0.91 | 0.97 | 0.75 | 0.98 | 0.69 | 0.82 | 0.86 | 0.37 | 0.71 | 0.34 | 0.87 | 0.91 | 0.83 | 0.24 | 0.40 | 0.17 | 0.27 |
| Kisl?ng | MN16 | 30 | 0.08 | 0.08 | 0.06 | 0.07 | 0.16 | 0.02 | 0.09 | 0.03 | 0.68 | 0.13 | 0.02 | 0.39 | 0.51 | 0.65 | 0.68 | 0.14 | 0.01 | 0.03 | 0.33 | 0.20 | 0.04 | 0.02 |
| Kvabebi | MN16 | 20 | 0.43 | 0.12 | 0.39 | 0.36 | 0.22 | 0.77 | 0.93 | 0.12 | 0.94 | 0.76 | 0.18 | 0.78 | 0.61 | 0.79 | 0.48 | 0.60 | 0.42 | 0.23 | 0.19 | 0.24 | 0.09 | 0.05 |
| La Higueruelas | MN16 | 5 | 0.83 | 0.35 | 0.83 | 0.80 | 0.41 | 0.75 | 0.84 | 0.49 | 0.93 | 0.95 | 0.88 | 0.91 | 0.89 | 0.76 | 0.84 | 0.41 | 0.70 | 0.88 | 0.74 | 0.42 | 0.63 | 0.27 |
| Lingtai-renjiagou | MN16 | 6 | 0.85 | 0.34 | 0.82 | 0.80 | 0.40 | 0.95 | 0.98 | 0.52 | 0.93 | 0.75 | 0.59 | 0.91 | 0.40 | 0.75 | 0.83 | 0.89 | 0.93 | 0.59 | 0.28 | 0.42 | 0.21 | 0.28 |
| Lomekwi 10 | MN16 | 16 | 0.21 | 0.22 | 0.59 | 0.19 | 0.78 | 0.44 | 0.64 | 0.03 | 0.36 | 0.45 | 0.92 | 0.96 | 0.77 | 1.00 | 0.21 | 0.75 | 0.41 | 1.00 | 0.42 | 0.34 | 0.59 | 0.76 |
| Lomekwi 9 | MN16 | 18 | 0.51 | 0.53 | 0.80 | 0.94 | 0.27 | 0.61 | 0.84 | 0.22 | 0.49 | 0.62 | 0.91 | 0.97 | 0.64 | 0.97 | 0.83 | 0.68 | 0.80 | 0.98 | 0.83 | 0.73 | 0.86 | 0.32 |
| Piedrabuena | MN16 | 6 | 0.82 | 0.32 | 0.77 | 0.77 | 0.39 | 0.71 | 0.82 | 0.44 | 0.88 | 0.67 | 0.51 | 0.59 | 0.38 | 0.26 | 0.32 | 0.38 | 0.64 | 0.54 | 0.24 | 0.40 | 0.18 | 0.26 |
| Triversa (Fornace RD | MN16 | 19 | 0.48 | 0.13 | 0.12 | 0.12 | 0.24 | 0.05 | 0.14 | 0.16 | 0.71 | 0.26 | 0.27 | 0.39 | 0.63 | 0.57 | 0.81 | 0.63 | 0.48 | 0.11 | 0.24 | 0.26 | 0.14 | 0.26 |
| Udunginian FC | MN16 | 21 | 0.50 | 0.15 | 0.47 | 0.43 | 0.26 | 0.61 | 0.82 | 0.18 | 0.47 | 0.27 | 0.09 | 0.41 | 0.22 | 0.64 | 0.17 | 0.91 | 0.54 | 0.13 | 0.06 | 0.27 | 0.03 | 0.07 |
| Uttarbeni?Parmanda | MN16 | 8 | 0.78 | 0.30 | 0.76 | 0.74 | 0.38 | 0.90 | 0.97 | 0.37 | 0.85 | 0.89 | 0.94 | 1.00 | 0.98 | 1.00 | 0.80 | 0.85 | 0.88 | 0.99 | 0.61 | 0.39 | 0.48 | 0.23 |
| V?el?re 2 | MN16 | 5 | 0.33 | 0.36 | 0.35 | 0.33 | 0.40 | 0.29 | 0.37 | 0.15 | 0.23 | 0.72 | 0.58 | 0.65 | 0.89 | 0.95 | 0.83 | 0.40 | 0.26 | 0.61 | 0.73 | 0.41 | 0.63 | 0.29 |
| Vialette | MN16 | 15 | 0.20 | 0.19 | 0.17 | 0.17 | 0.29 | 0.10 | 0.19 | 0.02 | 0.81 | 0.37 | 0.15 | 0.23 | 0.70 | 0.73 | 0.60 | 0.27 | 0.33 | 0.21 | 0.69 | 0.30 | 0.51 | 0.37 |
| Villaroya | MN16 | 23 | 0.38 | 0.11 | 0.36 | 0.34 | 0.20 | 0.18 | 0.40 | 0.02 | 0.30 | 0.45 | 0.14 | 0.74 | 0.57 | 0.50 | 0.42 | 0.17 | 0.35 | 0.19 | 0.17 | 0.23 | 0.07 | 0.03 |
| Yangyuan-Hongyana | MN16 | 5 | 0.40 | 0.41 | 0.40 | 0.40 | 0.44 | 0.35 | 0.41 | 0.24 | 0.32 | 0.35 | 0.27 | 0.30 | 0.43 | 0.37 | 0.41 | 0.44 | 0.33 | 0.29 | 0.35 | 0.46 | 0.30 | 0.35 |
| Youhe | MN16 | 7 | 0.30 | 0.31 | 0.30 | 0.28 | 0.38 | 0.63 | 0.79 | 0.10 | 0.85 | 0.23 | 0.13 | 0.53 | 0.35 | 0.65 | 0.33 | 0.84 | 0.61 | 0.47 | 0.23 | 0.39 | 0.15 | 0.20 |
| Yushe-Mazegou | MN16 | 8 | 0.73 | 0.27 | 0.27 | 0.69 | 0.85 | 0.62 | 0.75 | 0.30 | 0.49 | 0.21 | 0.40 | 0.79 | 0.35 | 0.61 | 0.30 | 0.84 | 0.54 | 0.12 | 0.21 | 0.38 | 0.13 | 0.19 |
| Yuxian-Danangou | MN16 | 5 | 0.82 | 0.85 | 0.82 | 0.82 | 0.41 | 0.74 | 0.85 | 0.51 | 0.67 | 0.29 | 0.57 | 0.22 | 0.40 | 0.29 | 0.86 | 0.88 | 0.26 | 0.58 | 0.73 | 0.43 | 0.61 | 0.74 |
| Il Naibar 3 | MN16 | 34 | 0.30 | 0.28 | 0.80 | 0.52 | 0.84 | 0.31 | 0.64 | 0.03 | 0.19 | 0.54 | 1.00 | 0.95 | 0.99 | 1.00 | 0.63 | 0.78 | 0.85 | 1.00 | 0.97 | 0.97 | 0.94 | 0.90 |
| Koobi Fora Ridge 1 | MN16 | 12 | 0.23 | 0.64 | 0.63 | 0.59 | 0.81 | 0.13 | 0.25 | 0.17 | 0.11 | 0.48 | 0.79 | 0.67 | 0.74 | 0.96 | 0.91 | 0.32 | 0.12 | 0.82 | 0.76 | 0.33 | 0.62 | 0.79 |
| Sibilot 4 | MN16 | 32 | 0.11 | 0.40 | 0.39 | 0.64 | 0.62 | 0.19 | 0.43 | 0.02 | 0.12 | 0.19 | 0.99 | 0.96 | 0.87 | 1.00 | 0.90 | 0.56 | 0.35 | 0.99 | 0.87 | 0.65 | 0.67 | 0.45 |
| Gerakarou 1 (GER) | MN16 | 16 | 0.55 | 0.17 | 0.52 | 0.47 | 0.28 | 0.35 | 0.58 | 0.08 | 0.25 | 0.33 | 0.12 | 0.21 | 0.25 | 0.39 | 0.18 | 0.25 | 0.61 | 0.16 | 0.33 | 0.29 | 0.04 | 0.08 |
| Pyrgos | MN16 | 7 | 0.35 | 0.35 | 0.34 | 0.33 | 0.42 | 0.28 | 0.36 | 0.15 | 0.25 | 0.27 | 0.18 | 0.22 | 0.39 | 0.30 | 0.37 | 0.41 | 0.71 | 0.20 | 0.27 | 0.42 | 0.21 | 0.27 |
| Selim-Dzhevar | MN16 | 9 | 0.31 | 0.75 | 0.30 | 0.28 | 0.85 | 0.62 | 0.78 | 0.35 | 0.56 | 0.64 | 0.12 | 0.51 | 0.36 | 0.67 | 0.79 | 0.98 | 0.87 | 0.13 | 0.61 | 0.39 | 0.51 | 0.62 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Vassiloudi (VSL) | MN16 | 6 | 0.81 | 0.32 | 0.79 | 0.76 | 0.39 | 0.69 | 0.82 | 0.42 | 0.60 | 0.70 | 0.52 | 0.59 | 0.40 | 0.27 | 0.35 | 0.38 | 0.92 | 0.51 | 0.24 | 0.40 | 0.18 | 0.26 |
| Albertine 10 | MN16 | 10 | 0.70 | 0.27 | 0.92 | 0.68 | 0.35 | 0.54 | 0.73 | 0.25 | 0.46 | 0.53 | 0.87 | 0.73 | 0.81 | 1.00 | 0.94 | 0.33 | 0.81 | 0.99 | 0.53 | 0.85 | 0.71 | 0.54 |
| Albertine 3 | MN16 | 6 | 0.33 | 0.33 | 0.32 | 0.31 | 0.40 | 0.23 | 0.35 | 0.11 | 0.22 | 0.25 | 0.96 | 0.19 | 0.99 | 0.99 | 0.97 | 0.38 | 0.91 | 1.00 | 0.92 | 0.99 | 0.86 | 0.68 |
| Albertine 4 | MN16 | 19 | 0.14 | 0.16 | 0.14 | 0.44 | 0.92 | 0.07 | 0.17 | 0.05 | 0.04 | 0.30 | 0.91 | 0.68 | 0.98 | 1.00 | 0.82 | 0.23 | 0.53 | 0.98 | 0.80 | 0.94 | 0.62 | 0.30 |
| Bahrel Ghazal | MN16 | 8 | 0.29 | 0.29 | 0.27 | 0.27 | 0.98 | 0.62 | 0.74 | 0.07 | 0.50 | 0.59 | 0.98 | 0.99 | 0.98 | 1.00 | 0.77 | 0.82 | 0.85 | 0.93 | 0.58 | 0.87 | 0.45 | 0.20 |
| Bel Hacel | MN16 | 7 | 0.30 | 0.30 | 0.30 | 0.27 | 0.86 | 0.22 | 0.34 | 0.10 | 0.17 | 0.66 | 0.93 | 0.17 | 0.98 | 0.99 | 0.79 | 0.36 | 0.89 | 0.99 | 0.89 | 0.89 | 0.52 | 0.63 |
| Blassac la Girondie | MN16 | 13 | 0.22 | 0.21 | 0.20 | 0.18 | 0.29 | 0.12 | 0.23 | 0.02 | 0.32 | 0.12 | 0.04 | 0.07 | 0.28 | 0.48 | 0.22 | 0.29 | 0.36 | 0.06 | 0.42 | 0.32 | 0.06 | 0.12 |
| Chikoian FC | MN16 | 7 | 0.79 | 0.33 | 0.78 | 0.75 | 0.39 | 0.91 | 0.97 | 0.43 | 0.89 | 0.69 | 0.51 | 0.87 | 0.38 | 0.71 | 0.34 | 0.87 | 0.91 | 0.50 | 0.24 | 0.40 | 0.16 | 0.26 |
| Chiwondo (Mwimbi | MN16 | 13 | 0.21 | 0.20 | 0.56 | 0.16 | 0.75 | 0.39 | 0.64 | 0.02 | 0.32 | 0.72 | 0.96 | 0.94 | 0.99 | 1.00 | 0.98 | 0.74 | 0.66 | 1.00 | 0.97 | 0.79 | 0.98 | 0.41 |
| Chiwondo 1 | MN16 | 8 | 0.29 | 0.27 | 0.73 | 0.28 | 0.35 | 0.20 | 0.29 | 0.08 | 0.16 | 0.19 | 0.38 | 0.46 | 0.82 | 1.00 | 0.30 | 0.82 | 0.84 | 0.92 | 0.97 | 0.99 | 0.79 | 0.87 |
| Chiwondo 2 (Unit 3A | MN16 | 19 | 0.50 | 0.17 | 0.51 | 0.45 | 0.71 | 0.62 | 0.84 | 0.07 | 0.50 | 0.65 | 0.77 | 0.91 | 0.99 | 1.00 | 0.55 | 0.66 | 0.81 | 0.98 | 0.83 | 0.75 | 0.67 | 0.34 |
| Dikika | MN16 | 20 | 0.44 | 0.14 | 0.74 | 0.40 | 0.90 | 0.54 | 0.79 | 0.13 | 0.43 | 0.52 | 0.94 | 0.98 | 0.90 | 1.00 | 0.15 | 0.89 | 0.72 | 1.00 | 0.76 | 0.70 | 0.77 | 0.53 |
| Ledi-Geraru | MN16 | 9 | 0.74 | 0.28 | 0.72 | 0.71 | 0.85 | 0.61 | 0.76 | 0.31 | 0.52 | 0.60 | 0.91 | 0.94 | 0.98 | 0.60 | 0.75 | 0.35 | 0.85 | 0.92 | 0.87 | 0.86 | 0.99 | 0.60 |
| Matabaietu | MN16 | 23 | 0.43 | 0.40 | 0.72 | 0.68 | 0.88 | 0.47 | 0.75 | 0.11 | 0.32 | 0.74 | 0.98 | 0.97 | 0.97 | 0.97 | 0.94 | 0.56 | 0.64 | 0.99 | 0.72 | 0.67 | 0.87 | 0.72 |
| Mursi | MN16 | 8 | 0.28 | 0.74 | 0.99 | 0.71 | 0.87 | 0.20 | 0.31 | 0.29 | 0.15 | 0.88 | 1.00 | 0.94 | 0.98 | 1.00 | 0.74 | 0.82 | 0.85 | 1.00 | 1.00 | 0.99 | 0.99 | 1.00 |
| Olivola | MN16 | 11 | 0.24 | 0.23 | 0.23 | 0.23 | 0.33 | 0.16 | 0.27 | 0.05 | 0.43 | 0.15 | 0.07 | 0.10 | 0.32 | 0.53 | 0.26 | 0.32 | 0.45 | 0.08 | 0.51 | 0.35 | 0.09 | 0.16 |
| Omo 1 | MN16 | 15 | 0.17 | 0.53 | 0.95 | 0.48 | 0.95 | 0.34 | 0.59 | 0.08 | 0.24 | 0.68 | 0.98 | 1.00 | 0.69 | 1.00 | 0.57 | 0.93 | 0.60 | 1.00 | 0.85 | 0.74 | 0.97 | 0.96 |
| Omo 2 | MN16 | 18 | 0.13 | 0.47 | 0.93 | 0.41 | 0.92 | 0.26 | 0.48 | 0.16 | 0.42 | 0.56 | 0.99 | 1.00 | 0.62 | 1.00 | 0.48 | 0.90 | 0.73 | 1.00 | 0.78 | 0.70 | 0.91 | 0.98 |
| Omo 3 | MN16 | 14 | 0.17 | 0.57 | 0.96 | 0.52 | 0.95 | 0.37 | 0.58 | 0.28 | 0.56 | 0.67 | 0.95 | 1.00 | 0.72 | 1.00 | 0.59 | 0.94 | 0.64 | 1.00 | 0.88 | 0.74 | 0.97 | 0.97 |
| Omo 4 | MN16 | 9 | 0.26 | 0.72 | 0.93 | 0.67 | 0.97 | 0.55 | 0.74 | 0.25 | 0.45 | 0.84 | 1.00 | 0.98 | 0.82 | 1.00 | 0.70 | 0.81 | 0.51 | 1.00 | 0.84 | 0.36 | 0.91 | 0.96 |
| Rawi 1 | MN16 | 9 | 0.26 | 0.27 | 0.25 | 0.24 | 0.84 | 0.17 | 0.29 | 0.05 | 0.12 | 0.55 | 0.87 | 0.40 | 0.97 | 0.99 | 0.94 | 0.33 | 0.48 | 0.88 | 0.55 | 0.85 | 0.72 | 0.18 |
| Tatrot | MN16 | 20 | 0.80 | 0.15 | 0.45 | 0.76 | 0.70 | 0.59 | 0.96 | 0.04 | 0.45 | 0.61 | 0.74 | 0.83 | 0.91 | 0.99 | 0.84 | 0.66 | 0.78 | 0.93 | 0.57 | 0.28 | 0.38 | 0.30 |
| Tologoian FC | MN16 | 6 | 0.36 | 0.35 | 0.33 | 0.33 | 0.40 | 0.27 | 0.37 | 0.14 | 0.24 | 0.28 | 0.18 | 0.24 | 0.40 | 0.29 | 0.36 | 0.40 | 0.26 | 0.19 | 0.27 | 0.42 | 0.22 | 0.26 |
| Usno | MN16 | 28 | 0.31 | 0.63 | 0.99 | 0.56 | 0.84 | 0.35 | 0.66 | 0.04 | 0.22 | 0.61 | 0.91 | 0.97 | 0.81 | 1.00 | 0.37 | 0.80 | 0.75 | 1.00 | 0.77 | 0.59 | 0.88 | 0.92 |
| Usno 2 | MN16 | 22 | 0.12 | 0.42 | 0.90 | 0.37 | 0.91 | 0.05 | 0.13 | 0.03 | 0.02 | 0.50 | 0.82 | 0.78 | 0.88 | 1.00 | 0.76 | 0.61 | 0.18 | 1.00 | 0.90 | 0.69 | 0.88 | 0.91 |
| Denen Dora (Hadar) | MN16 | 43 | 0.20 | 0.45 | 0.95 | 0.36 | 0.74 | 0.19 | 0.50 | 0.08 | 0.23 | 0.37 | 1.00 | 0.98 | 1.00 | 1.00 | 0.48 | 0.72 | 0.93 | 1.00 | 0.96 | 0.95 | 0.99 | 0.97 |
| Esekartkan | MN16 | 16 | 1.00 | 0.82 | 0.95 | 0.99 | 0.25 | 0.95 | 1.00 | 0.67 | 0.97 | 0.83 | 0.79 | 0.70 | 0.69 | 0.68 | 0.55 | 0.92 | 0.79 | 0.81 | 0.85 | 0.75 | 0.66 | 0.63 |
| Udunga | MN16 | 28 | 0.37 | 0.10 | 0.32 | 0.32 | 0.20 | 0.41 | 0.90 | 0.19 | 0.75 | 0.16 | 0.04 | 0.22 | 0.18 | 0.49 | 0.12 | 0.85 | 0.35 | 0.05 | 0.02 | 0.66 | 0.06 | 0.03 |
| Shungura B | MN16 | 47 | 0.03 | 0.14 | 0.61 | 0.11 | 0.69 | 0.03 | 0.15 | 0.00 | 0.01 | 0.11 | 0.71 | 0.61 | 0.97 | 1.00 | 0.86 | 0.33 | 0.08 | 0.94 | 0.67 | 0.44 | 0.71 | 0.51 |
| Koro Toro | MN16 | 20 | 0.43 | 0.13 | 0.43 | 0.71 | 0.92 | 0.51 | 0.80 | 0.32 | 0.67 | 0.52 | 0.85 | 1.00 | 0.98 | 1.00 | 0.47 | 0.61 | 0.73 | 0.70 | 0.21 | 0.70 | 0.33 | 0.06 |
| Siwaliks L0101 | MN16 | 8 | 0.31 | 0.31 | 0.29 | 0.27 | 0.39 | 0.22 | 0.97 | 0.36 | 0.86 | 0.22 | 0.43 | 0.53 | 0.36 | 0.66 | 0.32 | 0.37 | 0.61 | 0.46 | 0.61 | 0.38 | 0.49 | 0.65 |
| Siwaliks L0102 | MN16 | 5 | 0.37 | 0.37 | 0.37 | 0.36 | 0.43 | 0.32 | 0.87 | 0.21 | 0.28 | 0.31 | 0.67 | 0.68 | 0.42 | 0.80 | 0.38 | 0.42 | 0.75 | 0.67 | 0.79 | 0.43 | 0.67 | 0.79 |
| Sidi Hakoma (Hadar) | MN16 | 47 | 0.14 | 0.35 | 0.92 | 0.28 | 0.71 | 0.03 | 0.18 | 0.02 | 0.04 | 0.26 | 0.99 | 0.97 | 0.96 | 1.00 | 0.39 | 0.31 | 0.88 | 1.00 | 0.97 | 0.92 | 0.96 | 0.99 |
| Makapansgat | MN16 | 5 | 0.36 | 0.38 | 0.38 | 0.36 | 0.42 | 0.31 | 0.39 | 0.19 | 0.28 | 0.32 | 0.23 | 0.73 | 0.43 | 0.33 | 0.38 | 0.42 | 0.29 | 0.24 | 0.30 | 0.43 | 0.71 | 0.31 |
| Sterkfontein | MN16 | 10 | 0.26 | 0.25 | 0.26 | 0.24 | 0.34 | 0.16 | 0.28 | 0.06 | 0.14 | 0.18 | 0.34 | 0.75 | 0.33 | 0.19 | 0.28 | 0.34 | 0.15 | 0.36 | 0.17 | 0.36 | 0.71 | 0.54 |
| Kaiyumung | MN16 | 26 | 0.09 | 0.34 | 0.64 | 0.30 | 0.55 | 0.15 | 0.69 | 0.01 | 0.08 | 0.39 | 1.00 | 0.99 | 0.96 | 1.00 | 0.70 | 0.84 | 0.97 | 1.00 | 0.98 | 0.89 | 0.97 | 1.00 |
| Il Naibar 2 | MN15 | 22 | 0.50 | 0.15 | 0.50 | 0.46 | 0.68 | 0.28 | 0.51 | 0.19 | 0.19 | 0.27 | 0.97 | 0.96 | 0.90 | 1.00 | 0.53 | 0.22 | 0.51 | 0.98 | 0.79 | 0.71 | 0.63 | 0.29 |
| Karari Ridge 1 | MN15 | 10 | 0.65 | 0.68 | 0.99 | 0.90 | 0.33 | 0.82 | 0.93 | 0.51 | 0.73 | 0.84 | 0.95 | 0.98 | 0.78 | 1.00 | 0.71 | 0.96 | 0.94 | 1.00 | 0.99 | 0.83 | 0.97 | 0.96 |
| Loruth Kaado 1 | MN15 | 9 | 0.72 | 0.71 | 0.92 | 0.91 | 0.33 | 0.84 | 0.95 | 0.57 | 0.78 | 0.84 | 1.00 | 1.00 | 0.80 | 1.00 | 0.73 | 0.81 | 0.80 | 1.00 | 0.96 | 0.37 | 0.92 | 0.96 |
| Nasechebun 1 | MN15 | 5 | 0.34 | 0.36 | 0.82 | 0.34 | 0.91 | 0.73 | 0.83 | 0.15 | 0.66 | 0.29 | 0.87 | 0.99 | 0.40 | 1.00 | 0.36 | 0.99 | 0.93 | 0.89 | 0.72 | 0.91 | 0.63 | 0.73 |
| Sibilot 3 | MN15 | 8 | 0.74 | 0.74 | 0.94 | 0.72 | 0.36 | 0.60 | 0.77 | 0.31 | 0.48 | 0.59 | 0.70 | 0.96 | 0.33 | 1.00 | 0.75 | 0.98 | 0.85 | 0.99 | 0.88 | 0.86 | 0.94 | 0.98 |
| Woranso-Mille | MN15 | 15 | 0.19 | 0.19 | 0.83 | 0.16 | 0.30 | 0.10 | 0.20 | 0.02 | 0.06 | 0.10 | 0.65 | 0.24 | 0.94 | 1.00 | 0.61 | 0.71 | 0.86 | 1.00 | 0.96 | 0.96 | 0.90 | 0.97 |
| Chemeron | MN15 | 34 | 0.07 | 0.58 | 0.78 | 0.48 | 0.95 | 0.11 | 0.61 | 0.09 | 0.05 | 0.77 | 0.97 | 0.94 | 0.99 | 1.00 | 0.95 | 0.78 | 0.67 | 0.99 | 0.99 | 0.98 | 0.98 | 0.90 |
| Laetoli_10 | MN15 | 11 | 0.23 | 0.22 | 0.63 | 0.21 | 0.78 | 0.14 | 0.24 | 0.03 | 0.10 | 0.45 | 0.79 | 0.08 | 0.76 | 1.00 | 0.23 | 0.31 | 0.11 | 0.94 | 0.14 | 0.34 | 0.30 | 0.45 |
| Laetoli_10W | MN15 | 9 | 0.70 | 0.25 | 0.69 | 0.68 | 0.83 | 0.53 | 0.71 | 0.25 | 0.46 | 0.84 | 0.87 | 0.42 | 0.97 | 0.87 | 0.28 | 0.33 | 0.49 | 0.97 | 0.55 | 0.37 | 0.38 | 0.54 |
| Laetoli_11 | MN15 | 8 | 0.29 | 0.28 | 0.29 | 0.26 | 0.84 | 0.19 | 0.29 | 0.07 | 0.15 | 0.58 | 0.92 | 0.13 | 0.82 | 0.98 | 0.29 | 0.35 | 0.55 | 0.93 | 0.20 | 0.38 | 0.12 | 0.59 |
| Laetoli_12 | MN15 | 5 | 0.35 | 0.34 | 0.35 | 0.34 | 1.00 | 0.27 | 0.35 | 0.49 | 0.25 | 0.73 | 0.55 | 0.22 | 0.99 | 0.76 | 0.37 | 0.39 | 0.26 | 0.88 | 0.73 | 0.42 | 0.62 | 0.72 |
| Laetoli_16 | MN15 | 8 | 0.28 | 0.27 | 0.28 | 0.26 | 0.99 | 0.20 | 0.29 | 0.30 | 0.15 | 0.59 | 0.69 | 0.48 | 0.83 | 0.98 | 0.28 | 0.34 | 0.16 | 0.73 | 0.19 | 0.37 | 0.43 | 0.58 |
| Laetoli_2 | MN15 | 11 | 0.66 | 0.24 | 0.89 | 0.61 | 0.80 | 0.50 | 0.66 | 0.18 | 0.39 | 0.78 | 0.98 | 0.65 | 0.76 | 0.99 | 0.25 | 0.29 | 0.40 | 1.00 | 0.13 | 0.34 | 0.64 | 0.80 |
| Laetoli_21 | MN15 | 7 | 0.30 | 0.31 | 0.75 | 0.29 | 0.87 | 0.21 | 0.32 | 0.10 | 0.17 | 0.63 | 0.94 | 0.15 | 0.84 | 0.99 | 0.32 | 0.36 | 0.58 | 0.99 | 0.20 | 0.39 | 0.51 | 0.89 |
| Laetoli_3 | MN15 | 12 | 0.24 | 0.21 | 0.62 | 0.21 | 0.79 | 0.14 | 0.24 | 0.03 | 0.09 | 0.47 | 0.52 | 0.08 | 0.96 | 1.00 | 0.24 | 0.29 | 0.11 | 0.94 | 0.45 | 0.33 | 0.62 | 0.80 |
| Laetoli_4 | MN15 | 7 | 0.29 | 0.30 | 0.29 | 0.28 | 0.99 | 0.21 | 0.31 | 0.37 | 0.18 | 0.65 | 0.79 | 0.16 | 0.98 | 0.91 | 0.31 | 0.35 | 0.19 | 0.95 | 0.62 | 0.39 | 0.48 | 0.63 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Laetoli_5 | MN15 | 7 | 0.30 | 0.31 | 0.76 | 0.28 | 0.87 | 0.23 | 0.32 | 0.09 | 0.18 | 0.64 | 0.75 | 0.54 | 0.98 | 0.92 | 0.32 | 0.36 | 0.20 | 0.99 | 0.63 | 0.38 | 0.96 | 0.99 |
| Laetoli_6 | MN15 | 12 | 0.63 | 0.22 | 0.88 | 0.56 | 0.79 | 0.44 | 0.66 | 0.13 | 0.34 | 0.77 | 0.90 | 0.29 | 0.96 | 0.94 | 0.22 | 0.30 | 0.41 | 1.00 | 0.40 | 0.33 | 0.56 | 0.75 |
| Laetoli_7 | MN15 | 9 | 0.70 | 0.27 | 0.69 | 0.65 | 0.83 | 0.53 | 0.73 | 0.25 | 0.47 | 0.84 | 0.86 | 0.43 | 0.81 | 0.97 | 0.26 | 0.34 | 0.50 | 0.88 | 0.15 | 0.35 | 0.11 | 0.18 |
| Laetoli_8 | MN15 | 9 | 0.70 | 0.25 | 0.92 | 0.66 | 0.82 | 0.54 | 0.73 | 0.26 | 0.46 | 0.84 | 0.96 | 0.42 | 0.98 | 0.97 | 0.26 | 0.35 | 0.82 | 1.00 | 0.55 | 0.35 | 0.73 | 0.97 |
| Laetoli_9 | MN15 | 8 | 0.75 | 0.28 | 0.73 | 0.70 | 0.83 | 0.59 | 0.77 | 0.32 | 0.53 | 0.88 | 0.91 | 0.45 | 0.82 | 0.89 | 0.29 | 0.36 | 0.54 | 0.93 | 0.19 | 0.38 | 0.14 | 0.20 |
| Laetoli_9s | MN15 | 5 | 0.35 | 0.35 | 0.33 | 0.33 | 0.89 | 0.29 | 0.35 | 0.16 | 0.25 | 0.75 | 0.87 | 0.22 | 0.90 | 0.96 | 0.36 | 0.40 | 0.25 | 0.88 | 0.26 | 0.42 | 0.22 | 0.30 |
| Laetoli_Upper Laeto | MN15 | 47 | 0.17 | 0.15 | 0.37 | 0.12 | 0.90 | 0.14 | 0.42 | 0.00 | 0.06 | 0.12 | 0.41 | 0.96 | 0.66 | 0.97 | 0.03 | 0.33 | 0.23 | 0.48 | 0.69 | 0.12 | 0.73 | 0.54 |
| Sibilot 2 | MN15 | 5 | 0.36 | 0.35 | 0.83 | 0.33 | 0.91 | 0.27 | 0.37 | 0.15 | 0.24 | 0.74 | 0.86 | 0.64 | 0.90 | 1.00 | 0.35 | 0.88 | 0.71 | 0.98 | 0.73 | 0.92 | 0.64 | 0.73 |
| South Turkwell | MN15 | 24 | 0.44 | 0.46 | 0.74 | 0.70 | 0.22 | 0.23 | 0.80 | 0.12 | 0.17 | 0.52 | 0.94 | 0.93 | 0.60 | 0.99 | 0.47 | 0.21 | 0.46 | 1.00 | 0.93 | 0.24 | 0.76 | 0.78 |
| Lomekwi 6 | MN15 | 9 | 0.72 | 0.28 | 0.94 | 0.69 | 0.35 | 0.89 | 0.96 | 0.30 | 0.82 | 0.60 | 0.92 | 0.99 | 0.81 | 1.00 | 0.30 | 0.98 | 0.96 | 1.00 | 0.97 | 0.86 | 0.76 | 0.88 |
| Sibilot 1 | MN15 | 10 | 0.30 | 0.30 | 0.30 | 0.28 | 0.37 | 0.61 | 0.78 | 0.09 | 0.56 | 0.21 | 0.99 | 0.96 | 0.98 | 1.00 | 0.80 | 0.83 | 0.89 | 1.00 | 0.99 | 0.89 | 0.80 | 0.63 |
| Gona Western Marg | MN15 | 5 | 0.34 | 0.84 | 0.98 | 0.81 | 0.40 | 0.28 | 0.35 | 0.50 | 0.24 | 0.73 | 0.88 | 0.22 | 0.99 | 0.95 | 0.86 | 0.89 | 0.94 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Calta 2 | MN15 | 15 | 0.55 | 0.17 | 0.51 | 0.50 | 0.27 | 0.88 | 0.86 | 0.25 | 0.92 | 0.37 | 0.12 | 0.99 | 0.25 | 0.40 | 0.20 | 0.69 | 0.59 | 0.15 | 0.08 | 0.30 | 0.19 | 0.09 |
| Capeni | MN15 | 14 | 0.18 | 0.19 | 0.16 | 0.16 | 0.28 | 0.38 | 0.58 | 0.10 | 0.94 | 0.38 | 0.15 | 0.54 | 0.72 | 0.73 | 0.60 | 0.71 | 0.29 | 0.18 | 0.37 | 0.30 | 0.20 | 0.12 |
| Ciuperceni 2 | MN15 | 5 | 0.35 | 0.34 | 0.35 | 0.33 | 0.41 | 0.27 | 0.37 | 0.15 | 0.67 | 0.28 | 0.19 | 0.23 | 0.40 | 0.29 | 0.37 | 0.39 | 0.26 | 0.19 | 0.27 | 0.42 | 0.22 | 0.29 |
| Csarnota 2 | MN15 | 14 | 0.55 | 0.19 | 0.17 | 0.15 | 0.28 | 0.11 | 0.20 | 0.11 | 0.26 | 0.08 | 0.03 | 0.25 | 0.26 | 0.11 | 0.59 | 0.69 | 0.08 | 0.04 | 0.09 | 0.32 | 0.05 | 0.10 |
| Ekora | MN15 | 9 | 0.27 | 0.93 | 0.92 | 0.67 | 0.81 | 0.57 | 0.94 | 0.56 | 0.44 | 1.00 | 1.00 | 0.99 | 1.00 | 1.00 | 0.94 | 0.82 | 0.96 | 1.00 | 0.99 | 0.86 | 0.99 | 0.97 |
| Gaotege | MN15 | 8 | 0.30 | 0.28 | 0.27 | 0.26 | 0.36 | 0.20 | 0.29 | 0.07 | 0.49 | 0.21 | 0.10 | 0.48 | 0.35 | 0.22 | 0.75 | 0.35 | 0.17 | 0.12 | 0.18 | 0.38 | 0.13 | 0.19 |
| Garaet Ichkeul | MN15 | 14 | 0.86 | 0.19 | 0.17 | 0.16 | 0.95 | 0.09 | 0.21 | 0.01 | 0.06 | 0.70 | 0.99 | 0.52 | 1.00 | 1.00 | 1.00 | 0.69 | 0.87 | 0.96 | 0.97 | 0.96 | 0.71 | 0.36 |
| Ivanovce | MN15 | 20 | 0.18 | 0.17 | 0.16 | 0.16 | 0.28 | 0.08 | 0.18 | 0.26 | 0.78 | 0.33 | 0.33 | 0.23 | 0.67 | 0.39 | 0.87 | 0.26 | 0.07 | 0.16 | 0.29 | 0.30 | 0.18 | 0.08 |
| La Calera | MN15 | 13 | 0.57 | 0.20 | 0.59 | 0.55 | 0.29 | 0.91 | 0.88 | 0.59 | 0.83 | 0.72 | 0.17 | 0.56 | 0.27 | 0.76 | 0.22 | 0.72 | 0.67 | 0.21 | 0.39 | 0.31 | 0.07 | 0.11 |
| Layna | MN15 | 15 | 0.59 | 0.20 | 0.57 | 0.52 | 0.29 | 0.72 | 0.88 | 0.34 | 0.85 | 0.39 | 0.17 | 0.79 | 0.26 | 0.45 | 0.21 | 0.73 | 0.88 | 0.23 | 0.10 | 0.31 | 0.05 | 0.10 |
| Malushteni | MN15 | 15 | 0.18 | 0.19 | 0.16 | 0.15 | 0.30 | 0.38 | 0.88 | 0.27 | 0.57 | 0.10 | 0.03 | 0.22 | 0.26 | 0.39 | 0.59 | 0.71 | 0.32 | 0.04 | 0.09 | 0.30 | 0.04 | 0.10 |
| Megalo Emvolon (M | MN15 | 10 | 0.71 | 0.25 | 0.69 | 0.67 | 0.34 | 0.56 | 0.74 | 0.26 | 0.45 | 0.54 | 0.34 | 0.41 | 0.33 | 0.20 | 0.28 | 0.34 | 0.49 | 0.36 | 0.17 | 0.36 | 0.11 | 0.18 |
| Muselievo | MN15 | 16 | 0.54 | 0.17 | 0.51 | 0.51 | 0.27 | 0.33 | 0.56 | 0.08 | 0.77 | 0.36 | 0.12 | 0.49 | 0.25 | 0.38 | 0.19 | 0.26 | 0.59 | 0.17 | 0.34 | 0.30 | 0.19 | 0.34 |
| Odessa Catacombs | MN15 | 22 | 0.45 | 0.14 | 0.43 | 0.41 | 0.22 | 0.24 | 0.49 | 0.04 | 0.40 | 0.52 | 0.21 | 0.80 | 0.62 | 0.82 | 0.80 | 0.20 | 0.47 | 0.27 | 0.51 | 0.26 | 0.28 | 0.24 |
| Orrios 7 | MN15 | 5 | 0.98 | 0.36 | 0.83 | 0.81 | 0.41 | 0.73 | 0.83 | 0.81 | 0.68 | 0.74 | 0.57 | 0.66 | 0.40 | 0.31 | 0.83 | 0.88 | 0.72 | 0.60 | 0.27 | 0.42 | 0.23 | 0.27 |
| Perpignan | MN15 | 26 | 0.33 | 0.09 | 0.31 | 0.27 | 0.18 | 0.15 | 0.69 | 0.29 | 0.86 | 0.39 | 0.46 | 0.81 | 0.52 | 0.16 | 0.35 | 0.17 | 0.29 | 0.30 | 0.13 | 0.21 | 0.15 | 0.38 |
| Varghis | MN15 | 6 | 0.33 | 0.33 | 0.31 | 0.31 | 0.39 | 0.26 | 0.34 | 0.12 | 0.61 | 0.68 | 0.51 | 0.59 | 0.86 | 0.72 | 0.82 | 0.38 | 0.22 | 0.53 | 0.68 | 0.41 | 0.57 | 0.25 |
| W?lfersheim | MN15 | 15 | 0.18 | 0.19 | 0.15 | 0.15 | 0.28 | 0.09 | 0.19 | 0.49 | 0.52 | 0.36 | 0.31 | 0.20 | 0.69 | 0.38 | 0.58 | 0.24 | 0.07 | 0.15 | 0.34 | 0.29 | 0.19 | 0.09 |
| Weze 1 | MN15 | 12 | 0.21 | 0.21 | 0.21 | 0.19 | 0.30 | 0.12 | 0.21 | 0.39 | 0.85 | 0.12 | 0.04 | 0.29 | 0.30 | 0.45 | 0.23 | 0.30 | 0.41 | 0.06 | 0.42 | 0.32 | 0.27 | 0.44 |
| Tibet_Zanda | MN15 | 14 | 0.18 | 0.56 | 0.18 | 0.17 | 0.27 | 0.39 | 0.60 | 0.02 | 0.59 | 0.10 | 0.04 | 0.78 | 0.26 | 0.43 | 0.21 | 0.71 | 0.30 | 0.04 | 0.09 | 0.30 | 0.04 | 0.09 |
| Asa Issie | MN15 | 19 | 0.46 | 0.49 | 0.76 | 0.43 | 0.68 | 0.06 | 0.16 | 0.35 | 0.42 | 0.80 | 1.00 | 0.99 | 0.98 | 1.00 | 0.95 | 0.65 | 0.91 | 1.00 | 1.00 | 0.94 | 1.00 | 1.00 |
| Mianxian-yangjiawa | MN15 | 10 | 0.24 | 0.66 | 0.23 | 0.23 | 0.33 | 0.96 | 0.70 | 0.21 | 0.92 | 0.52 | 0.08 | 0.37 | 0.78 | 0.84 | 0.69 | 0.79 | 0.47 | 0.07 | 0.14 | 0.37 | 0.09 | 0.16 |
| Albertine 2 | MN15 | 20 | 0.16 | 0.52 | 0.94 | 0.45 | 0.70 | 0.32 | 0.54 | 0.07 | 0.22 | 0.60 | 0.98 | 0.88 | 1.00 | 1.00 | 0.85 | 0.92 | 0.79 | 1.00 | 0.98 | 0.94 | 0.94 | 0.99 |
| Koobi Fora (Moiti) | MN15 | 9 | 0.28 | 0.28 | 0.26 | 0.26 | 0.83 | 0.19 | 0.31 | 0.07 | 0.16 | 0.60 | 1.00 | 0.80 | 1.00 | 1.00 | 0.75 | 0.35 | 0.85 | 1.00 | 1.00 | 0.99 | 0.93 | 0.87 |
| Manonga 2 | MN15 | 10 | 0.27 | 0.70 | 0.93 | 0.66 | 0.83 | 0.19 | 0.29 | 0.26 | 0.13 | 0.56 | 1.00 | 0.92 | 1.00 | 1.00 | 0.99 | 0.81 | 0.99 | 1.00 | 1.00 | 1.00 | 1.00 | 0.99 |
| Kos | MN15 | 9 | 0.72 | 0.30 | 0.71 | 0.69 | 0.35 | 0.59 | 0.74 | 0.32 | 0.52 | 0.88 | 0.69 | 0.79 | 0.84 | 0.88 | 0.76 | 0.36 | 0.85 | 0.73 | 0.87 | 0.38 | 0.44 | 0.19 |
| Kanapoi | MN15 | 32 | 0.28 | 0.29 | 0.93 | 0.49 | 0.53 | 0.27 | 0.62 | 0.17 | 0.36 | 0.76 | 1.00 | 0.98 | 1.00 | 1.00 | 0.95 | 0.78 | 0.83 | 1.00 | 1.00 | 0.96 | 1.00 | 0.97 |
| Southern Allia Bay P | MN15 | 21 | 0.14 | 0.45 | 0.75 | 0.40 | 0.67 | 0.26 | 0.80 | 0.04 | 0.15 | 0.54 | 0.98 | 0.92 | 0.89 | 1.00 | 0.80 | 0.88 | 0.97 | 1.00 | 1.00 | 0.99 | 1.00 | 0.98 |
| Gona Western Marg | MN15 | 5 | 0.36 | 0.33 | 0.82 | 0.33 | 0.41 | 0.27 | 0.37 | 0.15 | 0.25 | 0.75 | 0.87 | 0.66 | 1.00 | 0.99 | 0.84 | 0.89 | 0.95 | 1.00 | 1.00 | 0.99 | 1.00 | 1.00 |
| Dinar Akcak?y | MN15 | 8 | 0.74 | 0.27 | 0.73 | 0.72 | 0.36 | 0.89 | 0.95 | 0.32 | 0.96 | 0.60 | 0.39 | 0.78 | 0.35 | 0.62 | 0.29 | 0.82 | 0.96 | 0.41 | 0.19 | 0.38 | 0.14 | 0.20 |
| Gaozhuang | MN15 | 12 | 0.21 | 0.23 | 0.20 | 0.18 | 0.31 | 0.46 | 0.89 | 0.15 | 0.87 | 0.12 | 0.05 | 0.58 | 0.75 | 0.94 | 0.65 | 0.74 | 0.71 | 0.05 | 0.42 | 0.80 | 0.57 | 0.45 |
| Lingtai-xiaoshigou-3 | MN15 | 13 | 0.66 | 0.25 | 0.65 | 0.62 | 0.33 | 0.99 | 0.93 | 0.92 | 0.98 | 0.96 | 0.62 | 0.98 | 0.78 | 0.86 | 0.72 | 0.78 | 0.78 | 0.61 | 0.50 | 0.34 | 0.36 | 0.16 |
| Yushe-Gaozhuang | MN15 | 13 | 0.19 | 0.19 | 0.19 | 0.17 | 0.30 | 0.41 | 0.88 | 0.13 | 0.86 | 0.11 | 0.03 | 0.57 | 0.70 | 0.93 | 0.61 | 0.75 | 0.67 | 0.04 | 0.41 | 0.79 | 0.50 | 0.41 |
| Yushe-YS156 | MN15 | 6 | 0.32 | 0.81 | 0.33 | 0.31 | 0.40 | 0.92 | 0.82 | 0.43 | 0.98 | 0.23 | 0.50 | 0.57 | 0.38 | 0.70 | 0.34 | 0.87 | 0.64 | 0.17 | 0.26 | 0.41 | 0.17 | 0.26 |
| Zhabyrtau | MN15 | 5 | 0.86 | 0.39 | 0.85 | 0.99 | 0.41 | 1.00 | 1.00 | 0.88 | 0.95 | 1.00 | 0.99 | 1.00 | 0.91 | 0.97 | 0.87 | 0.91 | 0.96 | 0.99 | 0.97 | 0.94 | 0.94 | 0.78 |
| Aramis (Lower) | MN15 | 32 | 0.55 | 0.24 | 0.91 | 0.48 | 0.95 | 0.10 | 0.30 | 0.17 | 0.36 | 0.87 | 1.00 | 0.97 | 1.00 | 1.00 | 0.95 | 0.43 | 0.93 | 1.00 | 1.00 | 0.97 | 1.00 | 1.00 |
| Chono Hariah 1 lowe | MN15 | 5 | 0.36 | 0.38 | 0.38 | 0.36 | 0.92 | 0.96 | 0.87 | 0.58 | 0.73 | 0.79 | 0.22 | 0.71 | 0.41 | 0.79 | 0.38 | 0.91 | 0.96 | 0.23 | 0.76 | 0.43 | 0.72 | 0.78 |
| Khirgis-Nur II | MN15 | 17 | 0.21 | 0.21 | 0.20 | 0.19 | 0.30 | 0.44 | 0.66 | 0.16 | 0.32 | 0.14 | 0.04 | 0.29 | 0.29 | 0.47 | 0.67 | 0.74 | 0.40 | 0.06 | 0.12 | 0.33 | 0.06 | 0.11 |
| As Duma | MN15 | 17 | 0.17 | 0.55 | 0.95 | 0.49 | 0.94 | 0.09 | 0.19 | 0.07 | 0.05 | 0.87 | 0.98 | 0.89 | 1.00 | 1.00 | 0.85 | 0.69 | 0.59 | 1.00 | 1.00 | 0.95 | 1.00 | 1.00 |
| Galili 1 | MN15 | 12 | 0.63 | 0.22 | 0.97 | 0.58 | 0.31 | 0.46 | 0.90 | 0.15 | 0.33 | 0.75 | 0.97 | 0.99 | 0.99 | 1.00 | 0.65 | 0.74 | 0.97 | 1.00 | 1.00 | 0.97 | 1.00 | 1.00 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Galili 2 | MN15 | 19 | 0.48 | 0.46 | 0.99 | 0.73 | 0.25 | 0.27 | 0.80 | 0.15 | 0.17 | 0.82 | 1.00 | 0.98 | 0.98 | 1.00 | 0.99 | 0.62 | 0.98 | 1.00 | 1.00 | 0.94 | 1.00 | 1.00 |
| Galili 4 | MN15 | 26 | 0.35 | 0.38 | 0.97 | 0.62 | 0.60 | 0.16 | 0.72 | 0.07 | 0.11 | 0.66 | 1.00 | 1.00 | 0.97 | 1.00 | 0.98 | 0.55 | 0.91 | 1.00 | 1.00 | 0.90 | 1.00 | 0.99 |
| Manonga 3 | MN15 | 12 | 0.22 | 0.22 | 0.59 | 0.19 | 0.96 | 0.14 | 0.23 | 0.04 | 0.09 | 0.75 | 1.00 | 0.99 | 1.00 | 1.00 | 0.98 | 0.75 | 0.98 | 1.00 | 1.00 | 0.99 | 0.95 | 0.75 |
| Alcoy | MN14 | 12 | 0.62 | 0.20 | 0.59 | 0.58 | 0.30 | 0.76 | 0.99 | 0.65 | 0.87 | 0.77 | 0.48 | 0.83 | 0.76 | 0.94 | 0.64 | 0.73 | 0.90 | 0.56 | 0.74 | 0.34 | 0.59 | 0.42 |
| Alcoy-Mina | MN14 | 8 | 0.28 | 0.27 | 0.28 | 0.71 | 0.37 | 0.59 | 0.75 | 0.64 | 0.17 | 0.87 | 0.72 | 0.48 | 0.83 | 0.89 | 0.75 | 0.35 | 0.53 | 0.74 | 0.97 | 0.87 | 0.94 | 0.87 |
| Apak (Lothagam) | MN14 | 34 | 0.25 | 0.55 | 0.92 | 0.73 | 0.79 | 0.47 | 0.95 | 0.27 | 0.14 | 0.97 | 1.00 | 0.97 | 1.00 | 1.00 | 1.00 | 0.45 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Beresti | MN14 | 7 | 0.31 | 0.31 | 0.30 | 0.28 | 0.38 | 0.64 | 0.32 | 0.36 | 0.85 | 0.65 | 0.13 | 0.15 | 0.37 | 0.66 | 0.78 | 0.36 | 0.59 | 0.14 | 0.63 | 0.39 | 0.50 | 0.63 |
| Celleneuve | MN14 | 5 | 0.35 | 0.36 | 0.34 | 0.34 | 0.41 | 0.27 | 0.37 | 0.52 | 0.67 | 0.73 | 0.57 | 0.63 | 0.89 | 0.76 | 0.84 | 0.39 | 0.25 | 0.61 | 0.71 | 0.43 | 0.65 | 0.27 |
| Dorkovo | MN14 | 8 | 0.28 | 0.29 | 0.28 | 0.28 | 0.36 | 0.60 | 0.77 | 0.32 | 0.96 | 0.60 | 0.38 | 0.80 | 0.83 | 0.88 | 0.75 | 0.82 | 0.55 | 0.43 | 0.58 | 0.38 | 0.46 | 0.20 |
| G?d?ll? | MN14 | 5 | 0.35 | 0.36 | 0.35 | 0.34 | 0.90 | 0.28 | 0.84 | 0.16 | 0.93 | 0.94 | 0.55 | 0.66 | 0.89 | 0.75 | 0.84 | 0.41 | 0.72 | 0.59 | 0.94 | 0.42 | 0.90 | 0.75 |
| Guanghe-shilidun-LX | MN14 | 12 | 0.89 | 0.88 | 0.87 | 0.85 | 0.32 | 0.93 | 0.91 | 0.95 | 0.99 | 0.46 | 0.76 | 0.85 | 0.28 | 0.47 | 0.22 | 0.95 | 0.89 | 0.54 | 0.42 | 0.33 | 0.54 | 0.75 |
| Kolle | MN14 | 17 | 0.82 | 0.15 | 0.81 | 0.47 | 0.93 | 0.31 | 0.85 | 0.06 | 0.23 | 0.86 | 1.00 | 1.00 | 1.00 | 1.00 | 0.84 | 0.67 | 0.99 | 1.00 | 0.99 | 0.99 | 1.00 | 0.95 |
| Kossom Bougoudi | MN14 | 25 | 0.78 | 0.13 | 0.92 | 0.41 | 0.24 | 0.55 | 0.82 | 0.14 | 0.65 | 0.52 | 1.00 | 1.00 | 0.97 | 1.00 | 0.99 | 0.88 | 0.88 | 1.00 | 0.99 | 0.99 | 1.00 | 1.00 |
| Kosyakino | MN14 | 17 | 0.48 | 0.49 | 0.76 | 0.76 | 0.24 | 0.61 | 0.96 | 0.61 | 0.89 | 0.84 | 0.54 | 0.68 | 0.65 | 0.86 | 0.82 | 0.65 | 0.79 | 0.60 | 0.81 | 0.27 | 0.66 | 0.59 |
| La Gloria | MN14 | 7 | 0.77 | 0.30 | 0.74 | 0.75 | 0.37 | 0.89 | 0.78 | 0.90 | 0.56 | 0.91 | 0.44 | 0.56 | 0.36 | 0.23 | 0.31 | 0.36 | 0.60 | 0.49 | 0.21 | 0.38 | 0.14 | 0.21 |
| La Gloria 4 | MN14 | 15 | 0.62 | 0.22 | 0.61 | 0.56 | 0.79 | 0.91 | 0.89 | 0.84 | 0.66 | 0.74 | 0.49 | 0.84 | 0.30 | 0.49 | 0.22 | 0.75 | 0.71 | 0.23 | 0.11 | 0.32 | 0.07 | 0.14 |
| Montpellier | MN14 | 25 | 0.38 | 0.10 | 0.09 | 0.08 | 0.60 | 0.04 | 0.70 | 0.39 | 0.90 | 0.42 | 0.13 | 0.23 | 0.57 | 0.49 | 0.91 | 0.55 | 0.59 | 0.05 | 0.66 | 0.61 | 0.64 | 0.67 |
| Shoshamagai 2 | MN14 | 6 | 0.34 | 0.33 | 0.32 | 0.32 | 0.89 | 0.25 | 0.97 | 0.12 | 0.21 | 0.25 | 1.00 | 0.87 | 0.99 | 0.94 | 0.79 | 0.37 | 0.98 | 1.00 | 0.98 | 0.90 | 0.97 | 0.98 |
| Sinda All | MN14 | 9 | 0.27 | 0.26 | 0.26 | 0.26 | 0.84 | 0.19 | 0.27 | 0.27 | 0.13 | 0.54 | 0.66 | 0.76 | 0.98 | 1.00 | 0.94 | 0.34 | 0.50 | 0.37 | 0.97 | 0.35 | 0.72 | 0.55 |
| Tr?voux | MN14 | 8 | 0.29 | 0.28 | 0.26 | 0.27 | 0.37 | 0.18 | 0.30 | 0.07 | 0.51 | 0.62 | 0.38 | 0.47 | 0.83 | 0.61 | 0.77 | 0.35 | 0.17 | 0.42 | 0.59 | 0.37 | 0.46 | 0.19 |
| Vendargues | MN14 | 5 | 0.34 | 0.36 | 0.34 | 0.33 | 0.41 | 0.28 | 0.36 | 0.51 | 0.66 | 0.27 | 0.18 | 0.22 | 0.40 | 0.29 | 0.36 | 0.39 | 0.25 | 0.20 | 0.28 | 0.42 | 0.20 | 0.27 |
| Villeneuve de la Rah | MN14 | 8 | 0.29 | 0.29 | 0.27 | 0.26 | 0.36 | 0.19 | 0.29 | 0.31 | 0.50 | 0.20 | 0.10 | 0.14 | 0.34 | 0.22 | 0.29 | 0.33 | 0.18 | 0.10 | 0.18 | 0.37 | 0.13 | 0.20 |
| Olkhon (Sarayskaya: | MN14 | 6 | 0.32 | 0.32 | 0.32 | 0.30 | 0.38 | 0.25 | 0.32 | 0.43 | 0.21 | 0.24 | 0.50 | 0.19 | 0.38 | 0.27 | 0.34 | 0.38 | 0.23 | 0.16 | 0.25 | 0.40 | 0.18 | 0.27 |
| Horizon Indet (Lotha | MN14 | 24 | 0.11 | 0.43 | 0.70 | 0.38 | 0.91 | 0.47 | 0.94 | 0.12 | 0.03 | 0.78 | 1.00 | 0.98 | 1.00 | 1.00 | 0.94 | 0.87 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Khirgis-Nur II-upper | MN14 | 18 | 0.62 | 0.63 | 0.62 | 0.57 | 0.31 | 0.94 | 0.91 | 0.13 | 0.99 | 0.43 | 0.22 | 0.85 | 0.27 | 0.49 | 0.64 | 0.74 | 0.69 | 0.23 | 0.11 | 0.31 | 0.26 | 0.45 |
| Agera Gawtu | MN14 | 13 | 0.26 | 0.27 | 0.92 | 0.23 | 0.82 | 0.17 | 0.28 | 0.06 | 0.13 | 0.85 | 0.96 | 0.75 | 1.00 | 1.00 | 0.99 | 0.81 | 0.99 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Langebaanweg (LQS | MN14 | 32 | 0.27 | 0.07 | 0.26 | 0.22 | 0.95 | 0.10 | 0.60 | 0.19 | 0.35 | 0.75 | 1.00 | 1.00 | 1.00 | 1.00 | 0.85 | 0.13 | 0.99 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Amba East | MN14 | 30 | 0.34 | 0.34 | 0.84 | 0.55 | 0.85 | 0.14 | 0.34 | 0.25 | 0.21 | 0.61 | 1.00 | 0.98 | 0.96 | 1.00 | 0.97 | 0.51 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Amba West | MN14 | 23 | 0.42 | 0.74 | 0.91 | 0.89 | 0.88 | 0.47 | 0.92 | 0.67 | 0.33 | 0.97 | 1.00 | 0.96 | 1.00 | 1.00 | 0.98 | 0.59 | 0.95 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Kuseralee | MN14 | 28 | 0.34 | 0.33 | 0.96 | 0.84 | 0.88 | 0.38 | 0.71 | 0.17 | 0.09 | 0.94 | 1.00 | 0.98 | 1.00 | 1.00 | 1.00 | 0.54 | 0.99 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Inolelo 1 | MN13 | 6 | 0.33 | 0.32 | 0.32 | 0.30 | 0.39 | 0.25 | 0.81 | 0.14 | 0.21 | 0.70 | 1.00 | 0.98 | 0.99 | 1.00 | 1.00 | 0.38 | 0.99 | 1.00 | 1.00 | 0.99 | 1.00 | 0.93 |
| Shoshamagai | MN13 | 7 | 0.29 | 0.31 | 0.29 | 0.29 | 0.86 | 0.63 | 0.78 | 0.10 | 0.56 | 0.91 | 1.00 | 0.97 | 1.00 | 1.00 | 0.97 | 0.85 | 1.00 | 1.00 | 1.00 | 0.99 | 0.99 | 0.91 |
| Saitune Dora | MN13 | 25 | 0.88 | 0.68 | 0.96 | 0.96 | 0.60 | 0.41 | 0.91 | 0.60 | 0.29 | 0.68 | 1.00 | 0.94 | 0.85 | 0.97 | 0.73 | 0.86 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Casino | MN13 | 8 | 0.29 | 0.28 | 0.28 | 0.26 | 0.37 | 0.19 | 0.74 | 0.62 | 0.50 | 0.20 | 0.39 | 0.46 | 0.34 | 0.62 | 0.29 | 0.36 | 0.18 | 0.43 | 0.18 | 0.37 | 0.13 | 0.19 |
| Gargano | MN13 | 5 | 0.40 | 0.41 | 0.39 | 0.39 | 0.45 | 0.36 | 0.40 | 0.69 | 0.33 | 0.35 | 0.28 | 0.31 | 0.43 | 0.36 | 0.41 | 0.43 | 0.33 | 0.28 | 0.35 | 0.44 | 0.32 | 0.35 |
| Maramena | MN13 | 21 | 0.77 | 0.44 | 0.98 | 0.98 | 0.22 | 1.00 | 0.99 | 1.00 | 0.95 | 0.99 | 0.68 | 0.60 | 0.21 | 0.29 | 0.50 | 0.89 | 0.96 | 0.51 | 0.21 | 0.71 | 0.12 | 0.24 |
| Silata | MN13 | 6 | 0.81 | 0.81 | 0.77 | 0.78 | 0.38 | 0.68 | 0.33 | 1.00 | 0.62 | 1.00 | 0.15 | 0.18 | 0.38 | 0.27 | 0.35 | 0.38 | 0.90 | 0.16 | 0.25 | 0.40 | 0.17 | 0.25 |
| Adu Dora | MN13 | 7 | 0.32 | 0.32 | 0.76 | 0.73 | 0.38 | 0.64 | 0.96 | 0.70 | 0.56 | 0.64 | 1.00 | 0.15 | 0.98 | 0.99 | 0.78 | 0.84 | 0.98 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Alayla | MN13 | 25 | 0.67 | 0.88 | 0.86 | 0.95 | 0.57 | 0.39 | 0.89 | 0.16 | 0.08 | 0.85 | 1.00 | 0.83 | 0.99 | 1.00 | 0.89 | 0.82 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Asa Koma | MN13 | 41 | 0.74 | 0.75 | 0.88 | 0.86 | 0.45 | 0.19 | 0.92 | 0.36 | 0.24 | 0.65 | 1.00 | 0.98 | 1.00 | 0.99 | 0.93 | 0.74 | 0.99 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Bikir Mali Koma | MN13 | 6 | 0.33 | 0.32 | 0.33 | 0.30 | 0.89 | 0.25 | 0.81 | 0.11 | 0.21 | 0.92 | 0.96 | 0.98 | 1.00 | 0.99 | 0.82 | 0.39 | 0.98 | 0.99 | 1.00 | 0.90 | 1.00 | 1.00 |
| Digiba Dora | MN13 | 17 | 0.80 | 0.51 | 0.45 | 0.92 | 0.71 | 0.62 | 0.96 | 0.19 | 0.22 | 0.83 | 1.00 | 0.69 | 1.00 | 0.99 | 0.97 | 0.66 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Upper Nawata (Loth | MN13 | 43 | 0.88 | 0.68 | 0.99 | 0.94 | 0.73 | 0.58 | 0.97 | 0.61 | 0.37 | 0.92 | 1.00 | 0.92 | 1.00 | 1.00 | 0.97 | 0.90 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Jara-Borkana | MN13 | 6 | 0.37 | 0.83 | 0.98 | 0.82 | 0.40 | 0.27 | 0.85 | 0.50 | 0.24 | 0.95 | 1.00 | 0.92 | 0.99 | 1.00 | 0.98 | 0.89 | 0.99 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Lemudong'o | MN13 | 23 | 0.12 | 0.12 | 0.10 | 0.08 | 0.21 | 0.04 | 0.75 | 0.63 | 0.33 | 0.22 | 1.00 | 0.75 | 1.00 | 0.93 | 0.42 | 0.19 | 0.40 | 1.00 | 1.00 | 0.99 | 1.00 | 0.96 |
| Albertine 1 | MN13 | 26 | 0.11 | 0.11 | 0.70 | 0.10 | 0.63 | 0.20 | 0.76 | 0.03 | 0.11 | 0.49 | 0.99 | 0.96 | 1.00 | 1.00 | 0.93 | 0.87 | 0.99 | 1.00 | 1.00 | 0.99 | 0.99 | 0.97 |
| Albertine 14 | MN13 | 10 | 0.25 | 0.67 | 0.66 | 0.22 | 0.33 | 0.16 | 0.26 | 0.49 | 0.11 | 0.51 | 0.26 | 0.11 | 0.79 | 0.54 | 0.26 | 0.79 | 0.46 | 0.64 | 0.50 | 0.82 | 0.34 | 0.52 |
| Amasya 2 | MN13 | 6 | 0.33 | 0.97 | 0.79 | 0.76 | 0.40 | 0.99 | 0.80 | 0.94 | 0.89 | 0.93 | 0.16 | 0.58 | 0.38 | 0.71 | 0.33 | 0.87 | 0.98 | 0.16 | 0.24 | 0.41 | 0.18 | 0.26 |
| Ananjev | MN13 | 5 | 0.35 | 0.83 | 0.82 | 0.80 | 0.42 | 0.29 | 0.35 | 0.96 | 0.67 | 0.73 | 0.57 | 0.21 | 0.39 | 0.30 | 0.85 | 0.90 | 0.71 | 0.63 | 0.73 | 0.41 | 0.63 | 0.74 |
| Ano Metochi 2:3 | MN13 | 5 | 0.85 | 0.35 | 0.82 | 0.81 | 0.41 | 0.99 | 1.00 | 1.00 | 0.93 | 0.99 | 0.57 | 0.89 | 0.39 | 0.76 | 0.36 | 0.89 | 0.93 | 0.62 | 0.26 | 0.42 | 0.20 | 0.27 |
| Arenas del Rey | MN13 | 5 | 0.35 | 0.35 | 0.34 | 0.32 | 0.40 | 0.75 | 0.98 | 0.17 | 0.92 | 0.28 | 0.57 | 0.90 | 0.40 | 0.95 | 0.36 | 0.89 | 0.71 | 0.60 | 0.27 | 0.43 | 0.21 | 0.28 |
| Arquillo 1 | MN13 | 23 | 0.47 | 0.46 | 0.92 | 0.70 | 0.22 | 0.98 | 0.80 | 1.00 | 1.00 | 1.00 | 0.98 | 0.98 | 0.22 | 0.55 | 0.49 | 0.98 | 0.97 | 0.87 | 0.05 | 0.24 | 0.32 | 0.53 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Baccinello V3 | MN13 | 17 | 0.19 | 0.17 | 0.52 | 0.16 | 0.26 | 0.66 | 0.85 | 0.96 | 1.00 | 0.34 | 0.80 | 0.21 | 0.26 | 0.10 | 0.20 | 0.69 | 0.60 | 0.40 | 0.08 | 0.75 | 0.19 | 0.34 |
| Brisighella | MN13 | 14 | 0.55 | 0.57 | 0.18 | 0.16 | 0.28 | 0.38 | 0.59 | 0.97 | 0.98 | 0.10 | 0.16 | 0.50 | 0.26 | 0.10 | 0.20 | 0.26 | 0.08 | 0.19 | 0.34 | 0.31 | 0.47 | 0.37 |
| Chaingzauk | MN13 | 15 | 0.21 | 0.20 | 0.18 | 0.19 | 0.30 | 0.42 | 0.88 | 0.34 | 0.61 | 0.72 | 0.72 | 0.56 | 0.74 | 0.98 | 0.22 | 0.29 | 0.66 | 0.49 | 0.72 | 0.31 | 0.52 | 0.70 |
| Dytiko 1 (DTK) | MN13 | 18 | 0.81 | 0.17 | 0.79 | 0.94 | 0.26 | 1.00 | 0.84 | 1.00 | 0.77 | 1.00 | 0.59 | 0.71 | 0.25 | 0.08 | 0.17 | 0.24 | 0.81 | 0.60 | 0.29 | 0.76 | 0.40 | 0.61 |
| Dytiko 2 (DIT) | MN13 | 13 | 0.90 | 0.65 | 0.99 | 1.00 | 0.33 | 1.00 | 0.99 | 1.00 | 0.89 | 1.00 | 0.79 | 0.34 | 0.30 | 0.16 | 0.24 | 0.77 | 0.74 | 0.82 | 0.77 | 0.82 | 0.63 | 0.79 |
| Dytiko 3 (DKO) | MN13 | 12 | 0.64 | 0.23 | 0.88 | 0.88 | 0.32 | 0.94 | 0.67 | 0.99 | 0.36 | 1.00 | 0.25 | 0.35 | 0.30 | 0.16 | 0.26 | 0.30 | 0.91 | 0.27 | 0.13 | 0.33 | 0.07 | 0.14 |
| El Arquillo 1 | MN13 | 29 | 0.42 | 0.40 | 0.70 | 0.87 | 0.23 | 0.99 | 0.93 | 1.00 | 1.00 | 1.00 | 0.99 | 0.96 | 0.18 | 0.51 | 0.44 | 0.86 | 0.85 | 0.83 | 0.18 | 0.67 | 0.48 | 0.72 |
| Fugu-Laogaochuan-r | MN13 | 11 | 0.26 | 0.26 | 0.25 | 0.24 | 0.34 | 0.85 | 0.72 | 0.26 | 1.00 | 0.83 | 0.08 | 0.42 | 0.34 | 0.59 | 0.29 | 0.81 | 0.53 | 0.09 | 0.17 | 0.36 | 0.10 | 0.18 |
| Gravitelli | MN13 | 11 | 0.66 | 0.22 | 0.91 | 0.61 | 0.32 | 0.94 | 0.92 | 1.00 | 1.00 | 0.94 | 1.00 | 0.86 | 0.76 | 0.82 | 0.68 | 0.96 | 0.99 | 1.00 | 0.43 | 0.82 | 0.64 | 0.49 |
| Gusinyy perelyot | MN13 | 27 | 0.66 | 0.96 | 0.95 | 0.58 | 0.56 | 0.99 | 0.88 | 0.97 | 1.00 | 0.93 | 0.64 | 0.42 | 0.16 | 0.16 | 0.10 | 0.96 | 0.91 | 0.30 | 0.33 | 0.61 | 0.57 | 0.64 |
| Ho-qu-114 | MN13 | 11 | 0.99 | 1.00 | 0.99 | 0.99 | 0.36 | 1.00 | 1.00 | 0.86 | 0.99 | 0.86 | 0.70 | 0.79 | 0.35 | 0.62 | 0.29 | 0.98 | 0.97 | 0.73 | 0.55 | 0.37 | 0.45 | 0.58 |
| Hsin-An-Loc.12 | MN13 | 12 | 0.63 | 0.21 | 0.60 | 0.57 | 0.30 | 0.98 | 0.89 | 0.95 | 1.00 | 0.99 | 0.76 | 0.60 | 0.28 | 0.48 | 0.22 | 0.75 | 0.69 | 0.53 | 0.11 | 0.33 | 0.06 | 0.12 |
| Kalmakpaj | MN13 | 17 | 0.99 | 0.96 | 0.94 | 0.94 | 0.27 | 0.99 | 0.99 | 0.98 | 1.00 | 0.60 | 0.57 | 0.87 | 0.24 | 0.35 | 0.17 | 0.98 | 0.98 | 0.62 | 0.30 | 0.73 | 0.67 | 0.64 |
| Karabastuz | MN13 | 11 | 0.92 | 0.93 | 0.91 | 0.89 | 0.34 | 0.95 | 0.99 | 0.92 | 1.00 | 0.81 | 0.28 | 0.37 | 0.32 | 0.54 | 0.25 | 0.96 | 0.77 | 0.33 | 0.50 | 0.84 | 0.70 | 0.51 |
| La Alberca | MN13 | 7 | 0.30 | 0.80 | 0.76 | 0.28 | 0.38 | 0.63 | 0.79 | 0.90 | 0.55 | 0.22 | 0.13 | 0.53 | 0.35 | 0.69 | 0.32 | 0.84 | 0.89 | 0.16 | 0.21 | 0.39 | 0.15 | 0.23 |
| Lantian-42 | MN13 | 12 | 0.91 | 0.91 | 0.89 | 0.88 | 0.30 | 1.00 | 0.99 | 0.97 | 1.00 | 0.99 | 0.93 | 0.85 | 0.30 | 0.51 | 0.25 | 0.96 | 0.91 | 0.81 | 0.46 | 0.34 | 0.63 | 0.79 |
| Las Casiones | MN13 | 23 | 0.13 | 0.40 | 0.68 | 0.67 | 0.21 | 0.96 | 0.93 | 1.00 | 0.97 | 0.99 | 0.78 | 0.89 | 0.19 | 0.77 | 0.13 | 0.97 | 0.94 | 0.66 | 0.45 | 0.91 | 0.71 | 0.73 |
| Lemudong'o-1 | MN13 | 16 | 0.17 | 0.17 | 0.51 | 0.15 | 0.28 | 0.34 | 0.85 | 0.49 | 0.25 | 0.35 | 0.99 | 0.75 | 0.93 | 0.89 | 0.18 | 0.68 | 0.83 | 0.99 | 1.00 | 1.00 | 1.00 | 0.88 |
| Lemudong'o-2 | MN13 | 8 | 0.27 | 0.28 | 0.72 | 0.27 | 0.36 | 0.20 | 0.95 | 0.63 | 0.52 | 0.61 | 1.00 | 0.79 | 1.00 | 1.00 | 0.77 | 0.84 | 0.96 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Librilla | MN13 | 5 | 0.36 | 0.35 | 0.33 | 0.33 | 0.42 | 0.74 | 0.98 | 0.50 | 0.92 | 0.28 | 0.20 | 0.65 | 0.40 | 0.75 | 0.35 | 0.89 | 0.70 | 0.19 | 0.26 | 0.42 | 0.21 | 0.28 |
| Lukeino | MN13 | 19 | 0.77 | 0.78 | 0.78 | 0.74 | 0.92 | 0.25 | 0.80 | 0.35 | 0.20 | 0.55 | 0.95 | 0.94 | 1.00 | 1.00 | 0.81 | 0.64 | 0.89 | 0.97 | 1.00 | 0.94 | 0.99 | 0.94 |
| Lukeino 4 | MN13 | 5 | 0.36 | 0.36 | 0.34 | 0.33 | 0.90 | 0.28 | 0.85 | 0.51 | 0.24 | 0.73 | 0.98 | 0.91 | 0.88 | 0.96 | 0.83 | 0.40 | 0.71 | 0.89 | 0.99 | 0.92 | 0.98 | 0.94 |
| Manonga 1 | MN13 | 12 | 0.21 | 0.21 | 0.61 | 0.20 | 0.97 | 0.42 | 0.92 | 0.03 | 0.34 | 0.74 | 1.00 | 0.82 | 1.00 | 1.00 | 0.98 | 0.95 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Menacer | MN13 | 10 | 0.99 | 0.71 | 0.99 | 0.68 | 0.35 | 0.96 | 0.94 | 0.94 | 0.77 | 0.53 | 0.67 | 0.43 | 0.33 | 0.87 | 0.72 | 1.00 | 0.99 | 0.90 | 0.82 | 0.84 | 0.74 | 0.86 |
| Milagros | MN13 | 11 | 0.26 | 0.71 | 0.69 | 0.68 | 0.35 | 1.00 | 0.99 | 1.00 | 1.00 | 0.99 | 0.97 | 0.93 | 0.33 | 0.58 | 0.29 | 0.81 | 0.82 | 0.71 | 0.55 | 0.85 | 0.71 | 0.85 |
| Mytilinii 1A | MN13 | 27 | 0.98 | 0.71 | 0.98 | 0.87 | 0.60 | 1.00 | 0.91 | 1.00 | 1.00 | 0.99 | 0.89 | 0.89 | 0.18 | 0.21 | 0.12 | 1.00 | 1.00 | 0.92 | 0.19 | 0.22 | 0.42 | 0.70 |
| Mytilinii 1B | MN13 | 23 | 0.99 | 0.95 | 1.00 | 1.00 | 0.70 | 1.00 | 0.99 | 1.00 | 0.98 | 1.00 | 0.99 | 0.87 | 0.25 | 0.36 | 0.17 | 0.99 | 1.00 | 0.98 | 0.59 | 0.73 | 0.86 | 0.95 |
| Mytilinii 1C | MN13 | 7 | 0.96 | 0.78 | 1.00 | 0.94 | 0.38 | 0.98 | 0.97 | 1.00 | 1.00 | 0.91 | 0.94 | 0.97 | 0.37 | 0.67 | 0.31 | 0.98 | 1.00 | 0.95 | 0.20 | 0.39 | 0.50 | 0.65 |
| Nurpur | MN13 | 21 | 0.14 | 0.75 | 0.42 | 0.70 | 0.22 | 0.26 | 0.94 | 0.56 | 0.68 | 0.78 | 0.07 | 0.33 | 0.21 | 0.29 | 0.49 | 0.64 | 0.21 | 0.08 | 0.23 | 0.26 | 0.10 | 0.24 |
| Pao-Te-Lok.108 | MN13 | 18 | 0.87 | 0.88 | 0.84 | 0.84 | 0.30 | 1.00 | 1.00 | 1.00 | 1.00 | 0.70 | 0.88 | 0.95 | 0.27 | 0.42 | 0.21 | 0.95 | 0.88 | 0.89 | 0.37 | 0.79 | 0.80 | 0.74 |
| Pao-Te-Lok.109 | MN13 | 16 | 0.92 | 0.69 | 0.92 | 0.92 | 0.34 | 0.99 | 1.00 | 1.00 | 1.00 | 0.95 | 0.94 | 0.91 | 0.31 | 0.56 | 0.26 | 0.97 | 0.94 | 0.84 | 0.51 | 0.83 | 0.89 | 0.82 |
| Pao-Te-Lok.110 | MN13 | 10 | 0.99 | 0.99 | 0.98 | 1.00 | 0.33 | 1.00 | 1.00 | 0.99 | 1.00 | 0.99 | 0.94 | 0.88 | 0.31 | 0.55 | 0.26 | 0.96 | 0.99 | 0.95 | 0.80 | 0.83 | 0.88 | 0.94 |
| Pao-Te-Lok.30 | MN13 | 30 | 0.89 | 0.89 | 0.90 | 0.96 | 0.62 | 1.00 | 1.00 | 0.99 | 1.00 | 0.88 | 0.76 | 0.73 | 0.19 | 0.23 | 0.12 | 0.97 | 0.98 | 0.81 | 0.64 | 0.91 | 0.83 | 0.89 |
| Pao-Te-Lok.31 | MN13 | 20 | 0.93 | 0.95 | 0.93 | 0.98 | 0.67 | 1.00 | 0.99 | 0.98 | 1.00 | 0.99 | 0.72 | 0.41 | 0.23 | 0.32 | 0.17 | 0.99 | 0.98 | 0.59 | 0.80 | 0.75 | 0.65 | 0.82 |
| Pao-Te-Lok.43 | MN13 | 23 | 0.94 | 0.95 | 0.94 | 1.00 | 0.26 | 0.98 | 0.99 | 0.99 | 1.00 | 0.94 | 0.76 | 0.67 | 0.22 | 0.34 | 0.16 | 0.99 | 0.98 | 0.79 | 0.55 | 0.72 | 0.60 | 0.81 |
| Pao-Te-Lok.44 | MN13 | 21 | 0.97 | 0.96 | 0.97 | 0.99 | 0.28 | 1.00 | 1.00 | 0.78 | 1.00 | 0.97 | 0.67 | 0.52 | 0.26 | 0.41 | 0.21 | 0.93 | 0.87 | 0.70 | 0.66 | 0.76 | 0.47 | 0.67 |
| Pao-Te-Lok.49 | MN13 | 35 | 0.56 | 0.58 | 0.52 | 0.50 | 0.15 | 0.99 | 0.99 | 1.00 | 1.00 | 0.75 | 0.50 | 0.87 | 0.13 | 0.11 | 0.31 | 0.77 | 0.46 | 0.37 | 0.08 | 0.56 | 0.24 | 0.29 |
| Pao-Te-Lok.52 | MN13 | 10 | 0.71 | 0.71 | 0.70 | 0.65 | 0.35 | 0.96 | 0.96 | 0.55 | 1.00 | 0.54 | 0.33 | 0.73 | 0.34 | 0.58 | 0.28 | 0.97 | 0.95 | 0.36 | 0.16 | 0.36 | 0.11 | 0.19 |
| Pavlodar | MN13 | 26 | 0.85 | 0.85 | 0.96 | 0.93 | 0.17 | 1.00 | 0.99 | 1.00 | 1.00 | 0.93 | 0.81 | 0.59 | 0.16 | 0.16 | 0.10 | 0.99 | 0.96 | 0.69 | 0.31 | 0.88 | 0.54 | 0.60 |
| Qingyang-Lok.115 | MN13 | 15 | 0.99 | 0.99 | 0.98 | 0.98 | 0.34 | 0.99 | 0.99 | 0.98 | 1.00 | 0.80 | 0.95 | 0.90 | 0.31 | 0.52 | 0.25 | 0.97 | 0.99 | 0.96 | 0.50 | 0.35 | 0.66 | 0.81 |
| Qingyang-Lok.116 | MN13 | 16 | 0.98 | 0.90 | 0.97 | 0.97 | 0.30 | 0.94 | 0.98 | 1.00 | 1.00 | 0.75 | 0.92 | 0.85 | 0.29 | 0.48 | 0.23 | 0.96 | 0.98 | 0.92 | 0.44 | 0.32 | 0.59 | 0.75 |
| Sahabi | MN13 | 26 | 0.86 | 0.63 | 0.99 | 0.81 | 0.85 | 0.80 | 0.99 | 0.65 | 0.46 | 0.80 | 1.00 | 0.77 | 0.95 | 0.99 | 0.87 | 0.99 | 1.00 | 1.00 | 1.00 | 0.98 | 0.99 | 1.00 |
| Samos-Q5 | MN13 | 16 | 0.86 | 0.57 | 0.97 | 0.96 | 0.28 | 1.00 | 0.97 | 1.00 | 0.99 | 1.00 | 0.93 | 0.52 | 0.27 | 0.12 | 0.22 | 0.69 | 1.00 | 0.96 | 0.35 | 0.75 | 0.49 | 0.70 |
| Songshan-Loc.2 | MN13 | 17 | 0.99 | 0.96 | 0.96 | 0.95 | 0.25 | 0.99 | 0.97 | 0.73 | 1.00 | 0.87 | 0.59 | 0.75 | 0.24 | 0.69 | 0.19 | 0.99 | 0.94 | 0.67 | 0.32 | 0.30 | 0.44 | 0.62 |
| Songshan-Loc.3 | MN13 | 16 | 0.87 | 0.87 | 0.86 | 0.84 | 0.29 | 1.00 | 0.98 | 0.98 | 1.00 | 0.91 | 0.89 | 0.81 | 0.28 | 0.45 | 0.22 | 0.99 | 0.97 | 0.91 | 0.36 | 0.32 | 0.53 | 0.73 |
| Tha Chang 2 | MN13 | 10 | 0.73 | 0.71 | 0.70 | 0.91 | 0.36 | 0.55 | 0.73 | 0.06 | 0.44 | 0.18 | 0.07 | 0.44 | 0.82 | 0.86 | 0.28 | 0.82 | 0.79 | 0.11 | 0.15 | 0.35 | 0.11 | 0.18 |
| Toros-Menalla | MN13 | 32 | 0.52 | 0.05 | 0.20 | 0.19 | 0.48 | 0.44 | 0.80 | 0.13 | 0.87 | 0.21 | 0.96 | 1.00 | 0.42 | 0.96 | 0.57 | 0.43 | 0.77 | 0.92 | 0.83 | 0.15 | 0.98 | 0.94 |
| Venta del Moro | MN13 | 34 | 0.05 | 0.25 | 0.51 | 0.20 | 0.14 | 0.86 | 0.82 | 1.00 | 0.98 | 0.99 | 0.92 | 0.92 | 0.44 | 0.56 | 0.81 | 0.42 | 0.62 | 0.71 | 0.45 | 0.83 | 0.78 | 0.71 |
| Villastar | MN13 | 6 | 0.33 | 0.79 | 0.78 | 0.31 | 0.39 | 0.69 | 0.82 | 0.99 | 0.61 | 0.92 | 0.96 | 0.87 | 0.39 | 0.93 | 0.33 | 0.87 | 0.91 | 0.51 | 0.25 | 0.41 | 0.19 | 0.24 |
| Wadi Natrun | MN13 | 14 | 0.58 | 0.58 | 0.57 | 0.55 | 0.30 | 0.11 | 0.22 | 0.11 | 0.31 | 0.72 | 0.97 | 0.57 | 0.93 | 0.93 | 1.00 | 0.72 | 0.87 | 0.97 | 0.89 | 0.78 | 0.93 | 0.73 |
| Wu-Hsiang-loc.78 | MN13 | 8 | 0.96 | 0.78 | 0.95 | 0.95 | 0.38 | 0.98 | 1.00 | 0.67 | 1.00 | 0.63 | 0.74 | 0.84 | 0.37 | 0.67 | 0.32 | 0.98 | 0.89 | 0.80 | 0.62 | 0.38 | 0.50 | 0.64 |
| Wu-Hsiang-Lok.70 | MN13 | 7 | 0.96 | 0.76 | 0.95 | 0.95 | 0.38 | 0.99 | 1.00 | 0.71 | 1.00 | 0.63 | 0.78 | 0.83 | 0.36 | 0.67 | 0.32 | 0.99 | 0.87 | 0.79 | 0.62 | 0.38 | 0.52 | 0.61 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Wu-Hsiang-Lok.73 | MN13 | 9 | 0.73 | 0.28 | 0.69 | 0.66 | 0.34 | 0.98 | 0.94 | 0.55 | 1.00 | 0.87 | 0.66 | 0.72 | 0.33 | 0.58 | 0.28 | 0.79 | 0.80 | 0.36 | 0.16 | 0.37 | 0.11 | 0.17 |
| Yushe-hounao | MN13 | 12 | 0.20 | 0.22 | 0.21 | 0.19 | 0.76 | 0.46 | 0.64 | 0.65 | 0.99 | 0.73 | 0.20 | 0.59 | 0.73 | 0.78 | 0.23 | 0.96 | 0.90 | 0.25 | 0.43 | 0.33 | 0.57 | 0.76 |
| Bazaleti | MN13 | 16 | 0.84 | 0.86 | 0.99 | 0.99 | 0.26 | 1.00 | 1.00 | 1.00 | 0.98 | 1.00 | 0.98 | 0.48 | 0.24 | 0.39 | 0.56 | 1.00 | 0.83 | 0.95 | 0.85 | 0.74 | 0.70 | 0.86 |
| Khirgis-Nur II-lower | MN13 | 15 | 0.67 | 0.68 | 0.67 | 0.64 | 0.33 | 0.95 | 0.92 | 0.21 | 1.00 | 0.51 | 0.31 | 0.89 | 0.32 | 0.54 | 0.69 | 0.78 | 0.78 | 0.33 | 0.14 | 0.35 | 0.36 | 0.50 |
| Mpesida | MN13 | 10 | 0.26 | 0.68 | 0.26 | 0.25 | 0.98 | 0.18 | 0.72 | 0.06 | 0.13 | 0.85 | 1.00 | 0.42 | 1.00 | 1.00 | 0.93 | 0.33 | 0.95 | 1.00 | 0.99 | 0.98 | 1.00 | 0.85 |
| Olkhon (Sarayskaya: | MN13 | 6 | 0.32 | 0.33 | 0.31 | 0.32 | 0.39 | 0.23 | 0.82 | 0.42 | 0.60 | 0.26 | 0.14 | 0.20 | 0.38 | 0.25 | 0.33 | 0.38 | 0.23 | 0.17 | 0.25 | 0.89 | 0.55 | 0.23 |
| Kromidovo 1 | MN13 | 5 | 0.37 | 0.38 | 0.36 | 0.36 | 0.42 | 0.79 | 0.88 | 0.89 | 0.74 | 0.79 | 0.23 | 0.73 | 0.42 | 0.98 | 0.38 | 0.92 | 0.96 | 0.23 | 0.31 | 0.43 | 0.26 | 0.32 |
| Polgardi | MN13 | 15 | 0.17 | 0.84 | 0.81 | 0.50 | 0.27 | 0.67 | 0.19 | 1.00 | 0.92 | 1.00 | 0.60 | 0.05 | 0.25 | 0.09 | 0.56 | 0.26 | 0.07 | 0.15 | 0.32 | 0.32 | 0.20 | 0.36 |
| Samos | MN13 | 53 | 0.88 | 0.90 | 0.99 | 0.95 | 0.41 | 1.00 | 0.98 | 1.00 | 1.00 | 1.00 | 0.93 | 0.34 | 0.11 | 0.08 | 0.05 | 0.99 | 0.95 | 0.76 | 0.16 | 0.49 | 0.31 | 0.65 |
| Sandikli Kinik | MN13 | 15 | 0.97 | 0.96 | 0.99 | 0.99 | 0.28 | 1.00 | 0.97 | 1.00 | 1.00 | 0.99 | 0.93 | 0.72 | 0.25 | 0.39 | 0.18 | 0.93 | 0.98 | 0.86 | 0.33 | 0.29 | 0.43 | 0.66 |
| Titov Veles | MN13 | 10 | 0.67 | 0.68 | 0.91 | 0.90 | 0.81 | 1.00 | 0.93 | 1.00 | 0.99 | 1.00 | 0.60 | 0.10 | 0.33 | 0.17 | 0.25 | 0.78 | 0.13 | 0.33 | 0.50 | 0.35 | 0.36 | 0.53 |
| Siwaliks Y0908 | MN13 | 5 | 0.34 | 0.34 | 0.34 | 0.33 | 0.39 | 0.28 | 0.84 | 0.52 | 0.67 | 0.75 | 0.18 | 0.64 | 0.41 | 0.29 | 0.85 | 0.41 | 0.27 | 0.19 | 0.27 | 0.42 | 0.62 | 0.74 |
| Samos (FMAS) | MN12 | 20 | 0.99 | 0.94 | 0.98 | 0.99 | 0.24 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 0.99 | 0.85 | 0.23 | 0.29 | 0.17 | 0.98 | 0.99 | 0.99 | 0.50 | 0.70 | 0.80 | 0.94 |
| Puy Courny | MN12 | 5 | 0.82 | 0.84 | 0.98 | 1.00 | 0.41 | 0.95 | 0.98 | 1.00 | 0.66 | 1.00 | 0.98 | 0.63 | 0.39 | 0.29 | 0.84 | 0.38 | 0.71 | 0.98 | 0.95 | 0.92 | 0.89 | 0.95 |
| Siwaliks Y0581 | MN12 | 9 | 0.28 | 0.30 | 0.26 | 0.71 | 0.36 | 0.58 | 0.99 | 0.62 | 0.50 | 0.87 | 0.71 | 0.13 | 0.98 | 0.89 | 0.77 | 0.34 | 0.56 | 0.73 | 0.86 | 0.99 | 0.77 | 0.60 |
| Siwaliks Y0910 | MN12 | 6 | 0.35 | 0.35 | 0.35 | 0.34 | 0.41 | 0.28 | 0.84 | 0.50 | 0.68 | 0.72 | 0.56 | 0.23 | 0.90 | 0.77 | 0.84 | 0.40 | 0.70 | 0.60 | 0.71 | 0.92 | 0.65 | 0.27 |
| Lower Nawata (Loth | MN12 | 47 | 0.86 | 0.84 | 0.94 | 0.92 | 0.90 | 0.73 | 0.97 | 0.90 | 0.50 | 0.98 | 1.00 | 0.96 | 1.00 | 0.99 | 0.97 | 0.67 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Samos Main Bone Bi | MN12 | 56 | 0.80 | 0.92 | 0.99 | 1.00 | 0.31 | 1.00 | 0.99 | 1.00 | 1.00 | 1.00 | 0.86 | 0.69 | 0.06 | 0.04 | 0.13 | 0.95 | 0.93 | 0.67 | 0.18 | 0.38 | 0.23 | 0.63 |
| Azmaka 1-4 | MN12 | 24 | 0.37 | 0.69 | 1.00 | 0.99 | 0.87 | 1.00 | 0.92 | 1.00 | 0.75 | 1.00 | 0.98 | 0.21 | 0.85 | 0.49 | 0.72 | 0.53 | 0.80 | 0.92 | 0.85 | 0.64 | 0.65 | 0.68 |
| Samos (DMAS) | MN12 | 34 | 0.95 | 0.81 | 1.00 | 0.97 | 0.50 | 1.00 | 0.95 | 1.00 | 1.00 | 1.00 | 0.98 | 0.51 | 0.14 | 0.12 | 0.07 | 0.99 | 0.98 | 0.89 | 0.23 | 0.57 | 0.44 | 0.74 |
| Baogedawula | MN12 | 5 | 0.83 | 0.83 | 0.82 | 0.81 | 0.42 | 0.96 | 0.98 | 0.96 | 0.99 | 0.28 | 0.97 | 0.92 | 0.39 | 0.77 | 0.36 | 0.99 | 0.93 | 0.88 | 0.72 | 0.42 | 0.89 | 0.95 |
| Achladi | MN12 | 5 | 0.34 | 0.84 | 0.82 | 0.83 | 0.40 | 0.74 | 0.98 | 1.00 | 0.92 | 1.00 | 0.87 | 0.22 | 0.39 | 0.29 | 0.35 | 0.41 | 0.69 | 0.61 | 0.74 | 0.92 | 0.63 | 0.74 |
| Achmet Aga | MN12 | 5 | 0.98 | 0.35 | 0.81 | 0.79 | 0.40 | 1.00 | 0.98 | 0.96 | 0.99 | 0.99 | 0.97 | 0.99 | 0.39 | 0.75 | 0.34 | 0.88 | 0.95 | 0.89 | 0.26 | 0.43 | 0.61 | 0.74 |
| Chang Chia Chuang | MN12 | 7 | 0.95 | 0.32 | 0.75 | 0.74 | 0.38 | 0.91 | 0.77 | 0.89 | 0.99 | 0.89 | 0.75 | 0.51 | 0.84 | 0.67 | 0.32 | 0.84 | 0.59 | 0.49 | 0.21 | 0.40 | 0.14 | 0.21 |
| Dongxiang-jiegou | MN12 | 5 | 0.35 | 0.83 | 0.33 | 0.34 | 0.40 | 0.95 | 0.84 | 0.15 | 0.99 | 0.26 | 0.17 | 0.65 | 0.39 | 0.96 | 0.37 | 0.88 | 0.93 | 0.20 | 0.74 | 0.42 | 0.63 | 0.71 |
| Esendere | MN12 | 9 | 0.95 | 0.72 | 0.99 | 0.99 | 0.81 | 1.00 | 0.94 | 1.00 | 0.47 | 1.00 | 0.88 | 0.42 | 0.32 | 0.20 | 0.27 | 0.83 | 1.00 | 0.89 | 0.54 | 0.84 | 0.40 | 0.54 |
| Fu-Ku-Lok.51 | MN12 | 8 | 0.95 | 0.95 | 0.74 | 0.93 | 0.36 | 1.00 | 0.96 | 0.30 | 0.99 | 0.59 | 0.38 | 0.79 | 0.34 | 0.63 | 0.29 | 0.81 | 0.86 | 0.42 | 0.58 | 0.87 | 0.46 | 0.61 |
| Guanghe-zhuanghej | MN12 | 5 | 0.98 | 0.84 | 0.82 | 0.81 | 0.41 | 0.95 | 0.85 | 0.80 | 1.00 | 0.72 | 0.86 | 0.90 | 0.40 | 0.30 | 0.36 | 0.39 | 0.94 | 0.87 | 0.27 | 0.43 | 0.62 | 0.73 |
| Guide-heerjia | MN12 | 7 | 0.77 | 0.78 | 0.74 | 0.74 | 0.39 | 0.99 | 0.96 | 0.68 | 1.00 | 0.90 | 0.76 | 0.99 | 0.84 | 0.93 | 0.79 | 0.84 | 0.87 | 0.79 | 0.59 | 0.40 | 0.52 | 0.22 |
| Hezheng-heilingding | MN12 | 17 | 0.20 | 0.59 | 0.19 | 0.19 | 0.75 | 1.00 | 0.89 | 1.00 | 1.00 | 0.91 | 0.72 | 0.94 | 0.28 | 0.46 | 0.21 | 0.72 | 0.87 | 0.51 | 0.38 | 0.79 | 0.77 | 0.70 |
| Hezheng-hetuo-LX2( | MN12 | 7 | 0.76 | 0.77 | 0.30 | 0.28 | 0.38 | 0.98 | 0.77 | 0.09 | 1.00 | 0.61 | 0.13 | 0.52 | 0.36 | 0.69 | 0.32 | 0.83 | 0.61 | 0.12 | 0.21 | 0.38 | 0.15 | 0.22 |
| Huade-Heishatou | MN12 | 5 | 0.83 | 0.98 | 0.81 | 0.82 | 0.40 | 0.99 | 0.99 | 0.49 | 1.00 | 0.27 | 0.59 | 0.65 | 0.41 | 0.76 | 0.38 | 0.99 | 0.72 | 0.60 | 0.73 | 0.41 | 0.63 | 0.75 |
| Huade-Tuchetse | MN12 | 11 | 0.90 | 0.98 | 0.89 | 0.88 | 0.32 | 0.99 | 0.92 | 0.43 | 1.00 | 0.14 | 0.23 | 0.33 | 0.30 | 0.50 | 0.23 | 0.96 | 0.73 | 0.28 | 0.45 | 0.34 | 0.32 | 0.49 |
| Huoxian-anlecun | MN12 | 10 | 0.93 | 0.92 | 0.92 | 0.90 | 0.33 | 1.00 | 0.99 | 0.98 | 1.00 | 0.51 | 0.81 | 0.98 | 0.33 | 0.53 | 0.26 | 1.00 | 0.94 | 0.86 | 0.50 | 0.36 | 0.68 | 0.84 |
| Jungar-Yaogou | MN12 | 12 | 0.99 | 0.99 | 0.99 | 0.99 | 0.34 | 1.00 | 1.00 | 0.74 | 1.00 | 0.81 | 0.82 | 0.69 | 0.31 | 0.55 | 0.26 | 0.95 | 0.94 | 0.65 | 0.51 | 0.34 | 0.34 | 0.51 |
| Karatchok Dagh | MN12 | 5 | 0.84 | 0.82 | 0.98 | 0.97 | 0.41 | 0.99 | 0.99 | 1.00 | 0.99 | 0.72 | 0.56 | 0.65 | 0.39 | 0.76 | 0.36 | 0.99 | 0.69 | 0.58 | 0.72 | 0.41 | 0.64 | 0.75 |
| Kefraya | MN12 | 12 | 0.68 | 0.67 | 0.90 | 0.98 | 0.33 | 1.00 | 1.00 | 1.00 | 0.91 | 1.00 | 0.84 | 0.70 | 0.33 | 0.55 | 0.70 | 0.78 | 0.78 | 0.86 | 0.81 | 0.84 | 0.67 | 0.82 |
| Lantian-jiulaopo-s3 | MN12 | 5 | 0.82 | 0.35 | 0.81 | 0.81 | 0.40 | 0.99 | 0.98 | 0.80 | 1.00 | 0.95 | 0.57 | 0.91 | 0.40 | 0.75 | 0.38 | 0.89 | 0.93 | 0.59 | 0.29 | 0.41 | 0.20 | 0.28 |
| Lantian-koujiacun-d | MN12 | 7 | 0.96 | 0.82 | 0.97 | 0.96 | 0.38 | 0.99 | 1.00 | 0.92 | 1.00 | 0.92 | 0.82 | 0.89 | 0.38 | 0.72 | 0.33 | 0.99 | 0.91 | 0.85 | 0.67 | 0.40 | 0.55 | 0.69 |
| Lushi-Redclay | MN12 | 8 | 0.94 | 0.95 | 0.93 | 0.94 | 0.35 | 1.00 | 1.00 | 0.85 | 1.00 | 0.86 | 0.92 | 0.78 | 0.35 | 0.64 | 0.30 | 0.98 | 0.85 | 0.73 | 0.59 | 0.37 | 0.43 | 0.61 |
| Magian | MN12 | 5 | 0.83 | 0.98 | 0.82 | 0.79 | 0.41 | 1.00 | 0.84 | 0.83 | 0.99 | 0.94 | 0.57 | 0.63 | 0.40 | 0.76 | 0.37 | 0.90 | 0.94 | 0.19 | 0.26 | 0.41 | 0.21 | 0.28 |
| Morskaya 2 | MN12 | 7 | 0.30 | 0.30 | 0.28 | 0.29 | 0.38 | 0.63 | 0.79 | 0.98 | 1.00 | 0.21 | 0.75 | 0.97 | 0.37 | 0.66 | 0.31 | 0.85 | 0.89 | 0.77 | 0.21 | 0.39 | 0.51 | 0.64 |
| Ravin Ar. | MN12 | 8 | 0.73 | 0.27 | 0.94 | 1.00 | 0.36 | 1.00 | 1.00 | 1.00 | 0.96 | 0.99 | 0.70 | 0.79 | 0.34 | 0.62 | 0.30 | 0.83 | 0.84 | 0.71 | 0.58 | 0.86 | 0.45 | 0.60 |
| Rustavi | MN12 | 15 | 0.99 | 0.57 | 0.96 | 0.95 | 0.28 | 1.00 | 0.97 | 1.00 | 1.00 | 1.00 | 0.67 | 0.53 | 0.25 | 0.41 | 0.19 | 0.94 | 0.60 | 0.43 | 0.35 | 0.31 | 0.22 | 0.37 |
| Thermopigi | MN12 | 18 | 0.81 | 0.46 | 0.77 | 0.91 | 0.92 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 0.47 | 0.63 | 0.21 | 0.29 | 0.16 | 0.89 | 0.90 | 0.53 | 0.78 | 0.70 | 0.57 | 0.83 |
| Wudu-longjiagou | MN12 | 30 | 0.75 | 0.77 | 0.91 | 0.71 | 0.67 | 0.98 | 0.79 | 0.55 | 1.00 | 0.99 | 0.22 | 0.35 | 0.21 | 0.29 | 0.15 | 0.88 | 0.96 | 0.26 | 0.25 | 0.24 | 0.10 | 0.24 |
| Yushe | MN12 | 43 | 0.68 | 0.43 | 0.39 | 0.60 | 0.11 | 1.00 | 0.92 | 1.00 | 1.00 | 0.97 | 0.29 | 0.53 | 0.68 | 0.41 | 0.47 | 0.90 | 0.11 | 0.19 | 0.14 | 0.48 | 0.11 | 0.05 |
| Zhangqiu-Balouhe | MN12 | 8 | 0.34 | 0.79 | 0.32 | 0.31 | 0.39 | 0.92 | 0.80 | 0.12 | 0.98 | 0.24 | 0.14 | 0.59 | 0.39 | 0.72 | 0.34 | 0.88 | 0.64 | 0.16 | 0.23 | 0.40 | 0.16 | 0.24 |
| Pikermi | MN12 | 52 | 0.31 | 0.53 | 0.96 | 0.94 | 0.30 | 1.00 | 0.92 | 1.00 | 1.00 | 1.00 | 0.90 | 0.13 | 0.06 | 0.03 | 0.11 | 0.94 | 0.65 | 0.61 | 0.16 | 0.70 | 0.36 | 0.60 |
| Siwaliks L0072 | MN12 | 6 | 0.34 | 0.36 | 0.35 | 0.34 | 0.42 | 0.27 | 0.36 | 0.52 | 0.24 | 0.74 | 0.57 | 0.63 | 0.41 | 0.76 | 0.35 | 0.41 | 0.26 | 0.59 | 0.26 | 0.42 | 0.22 | 0.29 |
| Siwaliks Y0452 | MN12 | 8 | 0.28 | 0.28 | 0.26 | 0.28 | 0.36 | 0.19 | 0.99 | 0.07 | 0.52 | 0.21 | 0.35 | 0.45 | 0.82 | 0.63 | 0.77 | 0.35 | 0.53 | 0.41 | 0.56 | 0.86 | 0.76 | 0.19 |
| Samos White Sands | MN12 | 8 | 0.27 | 0.94 | 0.73 | 0.25 | 0.36 | 1.00 | 0.29 | 1.00 | 1.00 | 1.00 | 0.90 | 0.50 | 0.35 | 0.20 | 0.29 | 0.34 | 0.97 | 0.42 | 0.20 | 0.39 | 0.45 | 0.58 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Siwaliks L0082 | MN12 | 9 | 0.31 | 0.31 | 0.74 | 0.74 | 0.37 | 0.64 | 0.79 | 0.70 | 0.55 | 0.89 | 0.13 | 0.17 | 0.38 | 0.24 | 0.31 | 0.35 | 0.19 | 0.14 | 0.20 | 0.39 | 0.16 | 0.22 |
| Siwaliks Y0941 | MN12 | 5 | 0.37 | 0.37 | 0.37 | 0.36 | 0.43 | 0.31 | 0.38 | 0.89 | 0.73 | 0.77 | 0.22 | 0.26 | 0.42 | 0.32 | 0.38 | 0.42 | 0.30 | 0.24 | 0.32 | 0.44 | 0.25 | 0.32 |
| Samos (IMAS) | MN12 | 24 | 0.98 | 0.92 | 0.97 | 0.97 | 0.62 | 1.00 | 0.99 | 1.00 | 1.00 | 0.99 | 0.91 | 0.75 | 0.20 | 0.23 | 0.12 | 0.98 | 1.00 | 0.93 | 0.46 | 0.67 | 0.73 | 0.88 |
| Siwaliks Y0457 | MN12 | 10 | 0.27 | 0.27 | 0.26 | 0.23 | 0.35 | 0.18 | 0.94 | 0.80 | 0.78 | 0.55 | 0.09 | 0.11 | 0.33 | 0.20 | 0.28 | 0.34 | 0.15 | 0.09 | 0.18 | 0.37 | 0.11 | 0.18 |
| Siwaliks Y0935 | MN12 | 5 | 0.37 | 0.38 | 0.37 | 0.36 | 0.43 | 0.31 | 0.39 | 0.58 | 0.30 | 0.79 | 0.22 | 0.72 | 0.42 | 0.33 | 0.87 | 0.43 | 0.29 | 0.23 | 0.30 | 0.43 | 0.71 | 0.77 |
| Siwaliks Y0943 | MN12 | 6 | 0.34 | 0.35 | 0.34 | 0.34 | 0.41 | 0.29 | 0.83 | 0.50 | 0.67 | 0.72 | 0.19 | 0.22 | 0.40 | 0.30 | 0.36 | 0.40 | 0.27 | 0.21 | 0.27 | 0.40 | 0.21 | 0.28 |
| Kemiklitepe D | MN12 | 11 | 0.94 | 0.93 | 0.91 | 0.89 | 0.80 | 1.00 | 0.92 | 1.00 | 0.92 | 0.95 | 0.58 | 0.38 | 0.32 | 0.16 | 0.27 | 0.78 | 0.99 | 0.65 | 0.79 | 0.35 | 0.69 | 0.82 |
| Samos (PMAS) | MN12 | 22 | 0.95 | 0.95 | 0.99 | 0.98 | 0.24 | 1.00 | 1.00 | 1.00 | 0.96 | 1.00 | 0.68 | 0.37 | 0.21 | 0.32 | 0.15 | 0.98 | 1.00 | 0.74 | 0.56 | 0.70 | 0.32 | 0.56 |
| Akgedik-Bayir | MN12 | 11 | 0.92 | 0.26 | 0.66 | 0.91 | 0.81 | 1.00 | 0.93 | 1.00 | 0.72 | 1.00 | 0.83 | 0.70 | 0.31 | 0.18 | 0.26 | 0.32 | 0.94 | 0.86 | 0.49 | 0.83 | 0.66 | 0.82 |
| Akkasdagi | MN12 | 29 | 0.86 | 0.85 | 0.99 | 0.98 | 0.53 | 1.00 | 0.99 | 1.00 | 1.00 | 1.00 | 0.95 | 0.77 | 0.14 | 0.15 | 0.09 | 0.95 | 0.96 | 0.82 | 0.29 | 0.58 | 0.51 | 0.79 |
| Aljezar B | MN12 | 8 | 0.76 | 0.76 | 0.74 | 0.26 | 0.83 | 0.21 | 0.76 | 0.99 | 0.52 | 0.89 | 0.40 | 0.15 | 0.35 | 0.23 | 0.30 | 0.83 | 0.53 | 0.11 | 0.57 | 0.87 | 0.75 | 0.59 |
| Baccinello V2 | MN12 | 7 | 0.31 | 0.29 | 0.28 | 0.28 | 0.38 | 0.62 | 0.32 | 0.68 | 0.17 | 0.65 | 0.12 | 0.16 | 0.35 | 0.67 | 0.31 | 0.36 | 0.20 | 0.13 | 0.22 | 0.40 | 0.15 | 0.22 |
| Baltavar | MN12 | 17 | 0.54 | 0.83 | 0.99 | 0.94 | 0.26 | 0.95 | 0.54 | 1.00 | 1.00 | 1.00 | 0.79 | 0.44 | 0.24 | 0.34 | 0.55 | 0.67 | 0.57 | 0.62 | 0.31 | 0.28 | 0.17 | 0.34 |
| Belka | MN12 | 14 | 0.85 | 0.98 | 0.97 | 0.99 | 0.29 | 0.90 | 0.87 | 1.00 | 1.00 | 0.99 | 0.95 | 0.23 | 0.26 | 0.11 | 0.60 | 0.94 | 0.86 | 0.88 | 0.87 | 0.78 | 0.90 | 0.97 |
| Cerro de la Garita | MN12 | 30 | 0.27 | 0.26 | 0.76 | 0.74 | 0.50 | 0.99 | 0.82 | 1.00 | 0.99 | 1.00 | 0.83 | 0.51 | 0.44 | 0.31 | 0.62 | 0.99 | 0.82 | 0.54 | 0.48 | 0.18 | 0.23 | 0.27 |
| Chimishlija (Cimislia) | MN12 | 29 | 0.35 | 0.66 | 0.60 | 0.94 | 0.56 | 0.95 | 0.70 | 1.00 | 1.00 | 1.00 | 0.82 | 0.19 | 0.16 | 0.04 | 0.35 | 0.51 | 0.78 | 0.71 | 0.62 | 0.61 | 0.59 | 0.83 |
| Chomateres | MN12 | 12 | 0.88 | 0.61 | 1.00 | 0.97 | 0.30 | 1.00 | 0.99 | 1.00 | 0.66 | 1.00 | 0.74 | 0.29 | 0.29 | 0.46 | 0.22 | 0.95 | 0.91 | 0.76 | 0.41 | 0.34 | 0.27 | 0.43 |
| Cobanpinar (Sinap 4 | MN12 | 14 | 0.60 | 0.59 | 0.53 | 0.96 | 0.28 | 1.00 | 0.97 | 1.00 | 0.99 | 1.00 | 0.85 | 0.79 | 0.27 | 0.12 | 0.59 | 0.27 | 0.85 | 0.70 | 0.35 | 0.76 | 0.51 | 0.69 |
| Concud | MN12 | 23 | 0.41 | 0.11 | 0.68 | 0.66 | 0.61 | 0.96 | 0.73 | 1.00 | 0.97 | 0.96 | 0.77 | 0.86 | 0.56 | 0.51 | 0.72 | 1.00 | 0.82 | 0.59 | 0.19 | 0.23 | 0.22 | 0.19 |
| Concud 2 | MN12 | 6 | 0.32 | 0.33 | 0.31 | 0.31 | 0.38 | 0.92 | 0.83 | 0.94 | 0.63 | 0.69 | 0.15 | 0.56 | 0.38 | 0.71 | 0.35 | 0.99 | 0.67 | 0.17 | 0.24 | 0.42 | 0.17 | 0.26 |
| Concud Barranco | MN12 | 8 | 0.75 | 0.28 | 0.94 | 0.71 | 0.36 | 1.00 | 0.95 | 1.00 | 0.96 | 1.00 | 0.69 | 0.78 | 0.35 | 0.60 | 0.29 | 0.97 | 0.97 | 0.75 | 0.19 | 0.38 | 0.14 | 0.20 |
| Crevillente 15 | MN12 | 8 | 0.30 | 0.74 | 0.94 | 0.73 | 0.36 | 0.97 | 0.77 | 1.00 | 0.82 | 0.98 | 0.70 | 0.46 | 0.35 | 0.62 | 0.76 | 0.98 | 0.85 | 0.73 | 0.61 | 0.37 | 0.46 | 0.59 |
| Crevillente 16 | MN12 | 8 | 0.29 | 0.28 | 0.72 | 0.71 | 0.35 | 1.00 | 0.75 | 1.00 | 0.96 | 0.98 | 0.39 | 0.80 | 0.35 | 0.62 | 0.29 | 0.98 | 0.86 | 0.40 | 0.20 | 0.39 | 0.13 | 0.20 |
| Duzyayla | MN12 | 11 | 0.63 | 0.65 | 0.98 | 0.98 | 0.32 | 1.00 | 0.92 | 1.00 | 0.90 | 1.00 | 0.80 | 0.65 | 0.31 | 0.49 | 0.69 | 0.77 | 0.92 | 0.58 | 0.46 | 0.34 | 0.31 | 0.47 |
| Elekci | MN12 | 5 | 0.87 | 0.36 | 0.86 | 0.84 | 0.42 | 0.97 | 0.88 | 1.00 | 1.00 | 1.00 | 0.92 | 0.71 | 0.41 | 0.32 | 0.40 | 0.42 | 0.96 | 0.68 | 0.31 | 0.43 | 0.26 | 0.31 |
| Fiume Santo | MN12 | 8 | 0.29 | 0.27 | 0.28 | 0.27 | 0.35 | 0.60 | 0.29 | 0.64 | 0.15 | 0.59 | 0.10 | 0.14 | 0.35 | 0.22 | 0.31 | 0.80 | 0.56 | 0.11 | 0.20 | 0.38 | 0.13 | 0.19 |
| G?lpinar | MN12 | 12 | 0.88 | 0.89 | 0.97 | 1.00 | 0.77 | 1.00 | 0.90 | 1.00 | 0.63 | 1.00 | 0.50 | 0.29 | 0.28 | 0.14 | 0.23 | 0.29 | 0.98 | 0.53 | 0.44 | 0.80 | 0.27 | 0.45 |
| G?lpinar 3 | MN12 | 6 | 0.33 | 0.80 | 0.79 | 0.77 | 0.88 | 1.00 | 0.82 | 0.99 | 0.98 | 0.94 | 0.50 | 0.56 | 0.37 | 0.71 | 0.34 | 0.87 | 0.90 | 0.17 | 0.24 | 0.41 | 0.19 | 0.25 |
| Gura-Galben | MN12 | 11 | 0.65 | 0.64 | 0.64 | 0.61 | 0.77 | 0.93 | 0.69 | 0.89 | 0.97 | 0.99 | 0.26 | 0.35 | 0.30 | 0.17 | 0.25 | 0.30 | 0.74 | 0.28 | 0.46 | 0.33 | 0.32 | 0.49 |
| Hadjidimovo-1 | MN12 | 29 | 0.61 | 0.62 | 0.99 | 0.93 | 0.54 | 1.00 | 0.96 | 1.00 | 1.00 | 1.00 | 0.89 | 0.57 | 0.15 | 0.35 | 0.09 | 0.95 | 0.95 | 0.81 | 0.28 | 0.58 | 0.30 | 0.57 |
| Halmyropotamos (H | MN12 | 22 | 0.45 | 0.72 | 0.98 | 0.98 | 0.64 | 1.00 | 0.94 | 1.00 | 0.94 | 1.00 | 0.83 | 0.32 | 0.19 | 0.06 | 0.47 | 0.21 | 0.43 | 0.69 | 0.46 | 0.68 | 0.28 | 0.50 |
| Ivand | MN12 | 5 | 0.87 | 0.87 | 0.98 | 0.99 | 0.44 | 1.00 | 0.99 | 0.98 | 0.94 | 0.97 | 0.91 | 0.95 | 0.42 | 0.80 | 0.88 | 0.91 | 0.96 | 0.93 | 0.78 | 0.43 | 0.70 | 0.77 |
| Jilong | MN12 | 9 | 0.97 | 0.96 | 0.95 | 0.95 | 0.37 | 1.00 | 0.99 | 0.69 | 0.99 | 0.65 | 0.78 | 0.84 | 0.36 | 0.67 | 0.31 | 0.99 | 0.89 | 0.78 | 0.61 | 0.39 | 0.49 | 0.64 |
| Kalimanci 2 | MN12 | 16 | 0.52 | 0.82 | 0.80 | 0.77 | 0.71 | 0.99 | 0.84 | 1.00 | 0.75 | 1.00 | 0.57 | 0.04 | 0.24 | 0.09 | 0.18 | 0.65 | 0.54 | 0.37 | 0.60 | 0.75 | 0.42 | 0.62 |
| Kalimanci 4 | MN12 | 5 | 0.34 | 0.83 | 0.82 | 0.33 | 0.42 | 0.71 | 0.85 | 1.00 | 0.68 | 0.95 | 0.56 | 0.66 | 0.39 | 0.75 | 0.37 | 0.90 | 0.69 | 0.20 | 0.27 | 0.41 | 0.21 | 0.29 |
| Kalimantsi-Pehtsata | MN12 | 7 | 0.76 | 0.31 | 0.76 | 0.73 | 0.38 | 0.92 | 0.79 | 1.00 | 0.85 | 0.99 | 0.75 | 0.83 | 0.36 | 0.25 | 0.33 | 0.84 | 0.98 | 0.79 | 0.22 | 0.38 | 0.51 | 0.63 |
| Kavakdere (Turolian | MN12 | 7 | 0.31 | 0.76 | 0.29 | 0.27 | 0.37 | 1.00 | 1.00 | 0.67 | 0.97 | 0.90 | 0.13 | 0.51 | 0.36 | 0.66 | 0.30 | 0.85 | 0.89 | 0.13 | 0.21 | 0.39 | 0.14 | 0.22 |
| Kemiklitepe A-B | MN12 | 16 | 0.99 | 0.83 | 0.99 | 1.00 | 0.71 | 0.99 | 0.86 | 1.00 | 1.00 | 0.96 | 0.83 | 0.89 | 0.25 | 0.38 | 0.17 | 0.71 | 1.00 | 0.85 | 0.63 | 0.31 | 0.89 | 0.97 |
| Kizil?ren | MN12 | 9 | 0.71 | 0.26 | 0.68 | 0.68 | 0.82 | 1.00 | 0.94 | 1.00 | 0.80 | 0.96 | 0.32 | 0.76 | 0.32 | 0.59 | 0.28 | 0.81 | 0.80 | 0.37 | 0.16 | 0.37 | 0.10 | 0.18 |
| Kromidovo 2 | MN12 | 5 | 0.37 | 0.38 | 0.37 | 0.36 | 0.42 | 0.77 | 0.38 | 1.00 | 0.73 | 1.00 | 0.21 | 0.27 | 0.41 | 0.32 | 0.38 | 0.42 | 0.75 | 0.22 | 0.30 | 0.43 | 0.24 | 0.31 |
| Lantian-6 | MN12 | 14 | 0.92 | 0.25 | 0.66 | 0.64 | 0.34 | 0.95 | 0.93 | 0.51 | 1.00 | 0.82 | 0.56 | 0.69 | 0.33 | 0.54 | 0.26 | 0.97 | 0.75 | 0.63 | 0.15 | 0.35 | 0.10 | 0.16 |
| Las Pedrizas | MN12 | 7 | 0.78 | 0.75 | 0.75 | 0.75 | 0.39 | 0.91 | 0.97 | 0.98 | 0.84 | 0.90 | 0.41 | 0.55 | 0.36 | 0.66 | 0.79 | 0.98 | 0.61 | 0.45 | 0.59 | 0.39 | 0.50 | 0.62 |
| Los Aljezares | MN12 | 9 | 0.71 | 0.26 | 0.68 | 0.25 | 0.34 | 0.84 | 0.72 | 1.00 | 0.94 | 0.86 | 0.33 | 0.76 | 0.34 | 0.20 | 0.74 | 0.98 | 0.49 | 0.35 | 0.17 | 0.85 | 0.73 | 0.55 |
| Los Mansuetos | MN12 | 29 | 0.32 | 0.60 | 0.94 | 0.78 | 0.52 | 0.99 | 0.86 | 1.00 | 1.00 | 1.00 | 0.95 | 0.57 | 0.15 | 0.14 | 0.10 | 0.82 | 0.95 | 0.65 | 0.29 | 0.60 | 0.28 | 0.58 |
| Lufeng-shihuiba | MN12 | 41 | 0.05 | 0.05 | 0.04 | 0.16 | 0.45 | 0.07 | 0.26 | 0.74 | 0.85 | 0.45 | 0.40 | 0.08 | 0.10 | 0.09 | 0.55 | 0.74 | 0.36 | 0.04 | 0.07 | 0.16 | 0.07 | 0.41 |
| Maragheh (MMTT 1 | MN12 | 7 | 0.83 | 0.35 | 0.98 | 0.77 | 0.40 | 1.00 | 1.00 | 0.99 | 0.93 | 1.00 | 0.87 | 0.90 | 0.38 | 0.74 | 0.36 | 0.99 | 1.00 | 0.88 | 0.27 | 0.42 | 0.22 | 0.27 |
| Maragheh (MMTT 1 | MN12 | 16 | 0.96 | 0.85 | 1.00 | 0.95 | 0.72 | 1.00 | 1.00 | 1.00 | 0.94 | 1.00 | 0.94 | 0.91 | 0.25 | 0.40 | 0.18 | 0.99 | 1.00 | 0.95 | 0.64 | 0.29 | 0.90 | 0.97 |
| Maragheh (MMTT 2 | MN12 | 6 | 0.78 | 0.33 | 0.97 | 0.97 | 0.39 | 1.00 | 0.97 | 1.00 | 0.89 | 1.00 | 0.50 | 0.87 | 0.37 | 0.74 | 0.33 | 0.87 | 0.98 | 0.51 | 0.24 | 0.42 | 0.18 | 0.26 |
| Maragheh (MMTT 3 | MN12 | 6 | 0.34 | 0.33 | 0.78 | 0.77 | 0.39 | 1.00 | 0.82 | 1.00 | 0.90 | 0.99 | 0.49 | 0.87 | 0.38 | 0.70 | 0.33 | 0.87 | 0.98 | 0.53 | 0.23 | 0.40 | 0.56 | 0.69 |
| Maragheh (MMTT 3 | MN12 | 11 | 0.94 | 0.70 | 0.99 | 1.00 | 0.83 | 1.00 | 0.99 | 1.00 | 0.78 | 1.00 | 0.33 | 0.75 | 0.34 | 0.57 | 0.29 | 0.83 | 0.99 | 0.37 | 0.17 | 0.37 | 0.10 | 0.17 |
| Maragheh (MMTT 7 | MN12 | 11 | 0.91 | 0.98 | 1.00 | 0.89 | 0.77 | 1.00 | 0.99 | 0.99 | 0.88 | 1.00 | 0.55 | 0.63 | 0.29 | 0.49 | 0.24 | 0.96 | 1.00 | 0.57 | 0.45 | 0.34 | 0.33 | 0.47 |
| Middle Maragheh | MN12 | 39 | 0.75 | 0.91 | 0.99 | 0.96 | 0.45 | 1.00 | 0.93 | 1.00 | 0.99 | 1.00 | 0.55 | 0.18 | 0.09 | 0.02 | 0.06 | 0.92 | 0.98 | 0.42 | 0.38 | 0.50 | 0.33 | 0.66 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Molayan | MN12 | 17 | 0.83 | 0.52 | 0.81 | 0.94 | 0.69 | 1.00 | 1.00 | 1.00 | 0.99 | 1.00 | 0.92 | 0.87 | 0.24 | 0.34 | 0.17 | 0.91 | 0.57 | 0.83 | 0.58 | 0.74 | 0.68 | 0.85 |
| Mt. Luberon | MN12 | 9 | 0.71 | 0.27 | 0.92 | 0.66 | 0.34 | 0.99 | 0.94 | 1.00 | 1.00 | 0.97 | 0.88 | 0.99 | 0.33 | 0.87 | 0.28 | 0.97 | 0.99 | 0.88 | 0.17 | 0.35 | 0.42 | 0.53 |
| Mytilinii 3 | MN12 | 14 | 0.88 | 0.62 | 0.87 | 0.87 | 0.78 | 0.98 | 0.90 | 1.00 | 0.97 | 0.74 | 0.47 | 0.85 | 0.28 | 0.48 | 0.24 | 0.74 | 1.00 | 0.53 | 0.12 | 0.33 | 0.27 | 0.45 |
| Mytilinii 4 | MN12 | 14 | 0.97 | 0.88 | 1.00 | 1.00 | 0.30 | 1.00 | 1.00 | 1.00 | 0.99 | 1.00 | 0.97 | 0.81 | 0.27 | 0.43 | 0.20 | 0.99 | 1.00 | 0.97 | 0.70 | 0.78 | 0.78 | 0.90 |
| Ortok | MN12 | 11 | 0.98 | 0.99 | 0.98 | 0.89 | 0.31 | 1.00 | 0.99 | 0.99 | 1.00 | 0.99 | 0.93 | 0.86 | 0.31 | 0.51 | 0.23 | 0.96 | 0.98 | 0.83 | 0.47 | 0.33 | 0.63 | 0.78 |
| Perivolaki | MN12 | 26 | 0.66 | 0.68 | 0.96 | 0.99 | 0.59 | 1.00 | 1.00 | 1.00 | 0.98 | 1.00 | 0.84 | 0.22 | 0.53 | 0.44 | 0.38 | 0.96 | 0.81 | 0.88 | 0.64 | 0.89 | 0.60 | 0.64 |
| Pikermi-MNHN (PIK) | MN12 | 27 | 0.60 | 0.86 | 1.00 | 1.00 | 0.55 | 1.00 | 0.96 | 1.00 | 0.42 | 1.00 | 0.76 | 0.05 | 0.14 | 0.03 | 0.35 | 0.94 | 0.72 | 0.65 | 0.55 | 0.59 | 0.29 | 0.57 |
| Pinaryaka | MN12 | 10 | 0.68 | 0.65 | 0.91 | 0.89 | 0.97 | 1.00 | 0.92 | 1.00 | 0.98 | 1.00 | 0.83 | 0.68 | 0.79 | 0.83 | 0.25 | 0.78 | 0.76 | 0.65 | 0.15 | 0.35 | 0.09 | 0.15 |
| Prochoma | MN12 | 16 | 0.54 | 0.17 | 0.81 | 0.95 | 0.26 | 1.00 | 1.00 | 1.00 | 0.93 | 1.00 | 0.60 | 0.48 | 0.25 | 0.69 | 0.18 | 0.69 | 0.84 | 0.41 | 0.33 | 0.75 | 0.19 | 0.33 |
| Ravin X | MN12 | 15 | 0.57 | 0.18 | 0.84 | 0.95 | 0.28 | 1.00 | 1.00 | 1.00 | 0.99 | 1.00 | 0.41 | 0.77 | 0.26 | 0.43 | 0.20 | 0.70 | 0.85 | 0.42 | 0.35 | 0.75 | 0.21 | 0.37 |
| Salihpasalar | MN12 | 13 | 0.98 | 0.88 | 0.98 | 0.97 | 0.77 | 1.00 | 0.90 | 1.00 | 0.96 | 1.00 | 0.49 | 0.30 | 0.29 | 0.14 | 0.23 | 0.76 | 0.98 | 0.51 | 0.43 | 0.32 | 0.27 | 0.44 |
| Salihpasalar 1 | MN12 | 10 | 0.93 | 0.70 | 0.93 | 0.90 | 0.35 | 1.00 | 0.95 | 1.00 | 1.00 | 1.00 | 0.97 | 0.74 | 0.33 | 0.18 | 0.28 | 0.80 | 0.95 | 0.89 | 0.52 | 0.36 | 0.73 | 0.85 |
| Salihpasalar 2 | MN12 | 10 | 0.92 | 0.69 | 0.91 | 0.91 | 0.33 | 1.00 | 0.93 | 1.00 | 1.00 | 1.00 | 0.96 | 0.69 | 0.31 | 0.17 | 0.26 | 0.77 | 0.99 | 0.86 | 0.49 | 0.37 | 0.65 | 0.80 |
| Samos (A-1) | MN12 | 34 | 0.93 | 0.93 | 0.98 | 1.00 | 0.49 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 0.68 | 0.67 | 0.12 | 0.10 | 0.30 | 0.77 | 0.83 | 0.73 | 0.49 | 0.56 | 0.45 | 0.74 |
| Samos-Q6 | MN12 | 9 | 0.93 | 0.69 | 0.92 | 0.99 | 0.34 | 0.96 | 0.95 | 0.99 | 0.93 | 0.84 | 0.65 | 0.42 | 0.34 | 0.19 | 0.28 | 0.34 | 0.82 | 0.67 | 0.53 | 0.84 | 0.41 | 0.55 |
| Serefk?y | MN12 | 12 | 0.98 | 0.63 | 0.88 | 0.97 | 0.30 | 1.00 | 1.00 | 1.00 | 0.97 | 1.00 | 0.91 | 0.84 | 0.28 | 0.48 | 0.22 | 0.96 | 0.98 | 0.93 | 0.73 | 0.80 | 0.82 | 0.93 |
| Sor | MN12 | 12 | 0.90 | 0.90 | 0.88 | 0.85 | 0.31 | 1.00 | 0.90 | 1.00 | 1.00 | 1.00 | 0.50 | 0.85 | 0.29 | 0.78 | 0.23 | 0.76 | 0.97 | 0.23 | 0.12 | 0.33 | 0.07 | 0.13 |
| Taraklia | MN12 | 41 | 0.81 | 0.82 | 0.94 | 0.99 | 0.14 | 1.00 | 0.96 | 1.00 | 1.00 | 1.00 | 0.52 | 0.50 | 0.14 | 0.12 | 0.31 | 0.94 | 0.86 | 0.61 | 0.48 | 0.54 | 0.48 | 0.76 |
| Tudorovo | MN12 | 11 | 0.74 | 0.27 | 0.71 | 0.93 | 0.36 | 1.00 | 0.99 | 1.00 | 1.00 | 1.00 | 0.89 | 0.95 | 0.34 | 0.63 | 0.31 | 0.83 | 0.97 | 0.93 | 0.58 | 0.86 | 0.74 | 0.87 |
| Upper Maragheh | MN12 | 28 | 0.96 | 0.84 | 0.99 | 1.00 | 0.86 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 0.97 | 0.79 | 0.14 | 0.16 | 0.36 | 0.82 | 0.97 | 0.94 | 0.82 | 0.58 | 0.88 | 0.97 |
| Valdecebro 5 | MN12 | 6 | 0.33 | 0.33 | 0.32 | 0.31 | 0.38 | 0.93 | 0.83 | 0.99 | 1.00 | 0.69 | 0.51 | 0.85 | 0.38 | 0.70 | 0.34 | 0.99 | 0.91 | 0.17 | 0.25 | 0.40 | 0.19 | 0.24 |
| Vathylakkos 2 (VTK) | MN12 | 13 | 0.63 | 0.19 | 0.88 | 0.98 | 0.31 | 1.00 | 1.00 | 1.00 | 0.86 | 1.00 | 0.73 | 0.86 | 0.29 | 0.48 | 0.23 | 0.76 | 0.98 | 0.80 | 0.41 | 0.80 | 0.56 | 0.77 |
| Vathylakkos 3 (VAT) | MN12 | 23 | 0.71 | 0.41 | 0.88 | 0.97 | 0.20 | 1.00 | 1.00 | 1.00 | 0.98 | 1.00 | 0.36 | 0.75 | 0.20 | 0.24 | 0.13 | 0.58 | 0.98 | 0.41 | 0.19 | 0.91 | 0.48 | 0.49 |
| Siwaliks Y0946 | MN11 | 7 | 0.76 | 0.31 | 0.76 | 0.75 | 0.37 | 0.63 | 0.96 | 0.69 | 0.85 | 0.90 | 0.75 | 0.53 | 0.87 | 0.67 | 0.79 | 0.37 | 0.86 | 0.80 | 0.62 | 0.87 | 0.47 | 0.22 |
| Siwaliks Y0950 | MN11 | 8 | 0.33 | 0.33 | 0.33 | 0.31 | 0.38 | 0.25 | 0.80 | 0.42 | 0.64 | 0.67 | 0.14 | 0.19 | 0.38 | 0.27 | 0.35 | 0.38 | 0.23 | 0.17 | 0.24 | 0.41 | 0.19 | 0.25 |
| Siwaliks Y0947 | MN11 | 6 | 0.32 | 0.32 | 0.31 | 0.31 | 0.39 | 0.25 | 0.81 | 0.44 | 0.60 | 0.68 | 0.50 | 0.20 | 0.87 | 0.71 | 0.81 | 0.39 | 0.66 | 0.54 | 0.67 | 0.89 | 0.57 | 0.24 |
| Siwaliks Y0960 | MN11 | 7 | 0.33 | 0.32 | 0.32 | 0.30 | 0.39 | 0.24 | 0.98 | 0.44 | 0.60 | 0.71 | 0.16 | 0.20 | 0.38 | 0.27 | 0.33 | 0.37 | 0.23 | 0.17 | 0.24 | 0.40 | 0.18 | 0.25 |
| Siwaliks Y0917 | MN11 | 6 | 0.32 | 0.32 | 0.77 | 0.78 | 0.39 | 0.68 | 0.80 | 0.75 | 0.60 | 0.93 | 0.14 | 0.18 | 0.38 | 0.27 | 0.33 | 0.39 | 0.23 | 0.17 | 0.26 | 0.41 | 0.18 | 0.25 |
| Corakyerler | MN11 | 25 | 0.67 | 0.68 | 0.97 | 0.96 | 0.19 | 1.00 | 1.00 | 1.00 | 0.99 | 1.00 | 0.73 | 0.44 | 0.18 | 0.20 | 0.11 | 0.96 | 0.80 | 0.58 | 0.39 | 0.64 | 0.19 | 0.41 |
| Siwaliks Y0011 | MN11 | 10 | 0.25 | 0.26 | 0.23 | 0.22 | 0.33 | 0.16 | 0.92 | 0.21 | 0.43 | 0.49 | 0.27 | 0.38 | 0.78 | 0.54 | 0.70 | 0.31 | 0.44 | 0.31 | 0.81 | 0.84 | 0.68 | 0.53 |
| Siwaliks Y0097 | MN11 | 7 | 0.34 | 0.32 | 0.33 | 0.31 | 0.39 | 0.25 | 0.98 | 0.12 | 0.60 | 0.24 | 0.49 | 0.19 | 0.87 | 0.72 | 0.81 | 0.38 | 0.66 | 0.56 | 0.66 | 0.90 | 0.56 | 0.25 |
| Siwaliks Y0399 | MN11 | 7 | 0.33 | 0.35 | 0.32 | 0.30 | 0.39 | 0.69 | 0.82 | 0.73 | 0.62 | 0.70 | 0.15 | 0.18 | 0.36 | 0.25 | 0.34 | 0.39 | 0.64 | 0.16 | 0.25 | 0.41 | 0.18 | 0.25 |
| Siwaliks Y0541 | MN11 | 8 | 0.29 | 0.31 | 0.31 | 0.30 | 0.38 | 0.23 | 0.96 | 0.37 | 0.56 | 0.63 | 0.41 | 0.16 | 0.85 | 0.67 | 0.78 | 0.36 | 0.60 | 0.47 | 0.63 | 0.89 | 0.52 | 0.23 |
| Siwaliks Y0547 | MN11 | 11 | 0.24 | 0.23 | 0.24 | 0.23 | 0.33 | 0.15 | 0.93 | 0.20 | 0.44 | 0.50 | 0.28 | 0.37 | 0.77 | 0.53 | 0.93 | 0.32 | 0.46 | 0.32 | 0.49 | 0.83 | 0.67 | 0.51 |
| Sinap 26 | MN11 | 11 | 0.91 | 0.90 | 0.88 | 1.00 | 0.33 | 1.00 | 0.99 | 0.96 | 0.98 | 1.00 | 0.78 | 0.33 | 0.30 | 0.16 | 0.24 | 0.74 | 0.42 | 0.84 | 0.77 | 0.82 | 0.62 | 0.80 |
| Sinap 33 | MN11 | 10 | 0.67 | 0.69 | 0.65 | 0.99 | 0.33 | 1.00 | 0.92 | 0.98 | 0.93 | 1.00 | 0.58 | 0.37 | 0.31 | 0.17 | 0.26 | 0.32 | 0.46 | 0.61 | 0.51 | 0.83 | 0.36 | 0.51 |
| Siwaliks Y0090 | MN11 | 5 | 0.36 | 0.34 | 0.34 | 0.34 | 0.40 | 0.27 | 0.85 | 0.15 | 0.69 | 0.28 | 0.55 | 0.22 | 0.89 | 0.76 | 0.83 | 0.40 | 0.71 | 0.62 | 0.73 | 0.91 | 0.62 | 0.28 |
| Siwaliks Y0017 | MN11 | 10 | 0.24 | 0.25 | 0.64 | 0.90 | 0.34 | 0.82 | 0.93 | 0.78 | 0.11 | 0.95 | 0.60 | 0.10 | 0.79 | 0.54 | 0.71 | 0.32 | 0.46 | 0.64 | 0.80 | 0.98 | 0.68 | 0.51 |
| Siwaliks Y0019 | MN11 | 7 | 0.30 | 0.32 | 0.78 | 0.74 | 0.38 | 0.65 | 0.80 | 0.36 | 0.19 | 0.64 | 0.47 | 0.54 | 0.83 | 0.68 | 0.79 | 0.36 | 0.61 | 0.46 | 0.89 | 0.88 | 0.82 | 0.63 |
| Siwaliks Y0020 | MN11 | 6 | 0.34 | 0.82 | 0.32 | 0.31 | 0.39 | 0.25 | 0.80 | 0.43 | 0.22 | 0.68 | 0.50 | 0.18 | 0.87 | 0.27 | 0.33 | 0.38 | 0.24 | 0.52 | 0.24 | 0.40 | 0.17 | 0.24 |
| Baynunah | MN11 | 15 | 0.98 | 0.60 | 0.87 | 0.97 | 0.77 | 1.00 | 1.00 | 0.92 | 0.99 | 0.92 | 0.97 | 0.80 | 0.72 | 0.76 | 0.22 | 0.94 | 0.99 | 0.97 | 0.89 | 0.96 | 0.92 | 0.91 |
| Siwaliks Y0033 | MN11 | 5 | 0.35 | 0.35 | 0.35 | 0.32 | 0.41 | 0.27 | 0.35 | 0.49 | 0.23 | 0.73 | 0.18 | 0.23 | 0.39 | 0.30 | 0.36 | 0.40 | 0.26 | 0.19 | 0.27 | 0.42 | 0.21 | 0.28 |
| Siwaliks L0073 | MN11 | 5 | 0.37 | 0.88 | 0.84 | 0.85 | 0.43 | 0.32 | 0.38 | 0.89 | 0.28 | 0.97 | 0.66 | 0.26 | 0.42 | 0.34 | 0.88 | 0.42 | 0.29 | 0.68 | 0.79 | 0.44 | 0.71 | 0.79 |
| Siwaliks L0074 | MN11 | 5 | 0.37 | 0.38 | 0.85 | 0.83 | 0.42 | 0.78 | 0.38 | 0.89 | 0.26 | 0.97 | 0.23 | 0.26 | 0.41 | 0.32 | 0.38 | 0.42 | 0.30 | 0.25 | 0.31 | 0.43 | 0.25 | 0.31 |
| Siwaliks Y0539 | MN11 | 9 | 0.27 | 0.74 | 0.27 | 0.67 | 0.37 | 0.59 | 0.99 | 0.61 | 0.50 | 0.87 | 0.72 | 0.46 | 0.82 | 0.21 | 0.29 | 0.34 | 0.18 | 0.73 | 0.59 | 0.86 | 0.76 | 0.59 |
| Siwaliks Y0542 | MN11 | 7 | 0.31 | 0.30 | 0.28 | 0.28 | 0.37 | 0.64 | 0.96 | 0.36 | 0.85 | 0.62 | 0.14 | 0.52 | 0.36 | 0.67 | 0.30 | 0.85 | 0.58 | 0.13 | 0.20 | 0.40 | 0.15 | 0.22 |
| Siwaliks Y0545 | MN11 | 16 | 0.61 | 0.89 | 0.86 | 0.85 | 0.29 | 0.41 | 0.98 | 0.59 | 0.61 | 0.90 | 0.88 | 0.27 | 0.94 | 0.78 | 0.88 | 0.27 | 0.66 | 0.91 | 0.69 | 0.79 | 0.56 | 0.39 |
| Siwaliks Y0599 | MN11 | 10 | 0.27 | 0.72 | 0.68 | 0.66 | 0.35 | 0.55 | 0.99 | 0.25 | 0.76 | 0.52 | 0.65 | 0.42 | 0.80 | 0.87 | 0.94 | 0.82 | 0.82 | 0.70 | 0.83 | 0.85 | 0.74 | 0.57 |
| Siwaliks Y0600 | MN11 | 8 | 0.31 | 0.31 | 0.75 | 0.76 | 0.38 | 0.64 | 0.80 | 0.36 | 0.20 | 0.64 | 0.45 | 0.51 | 0.86 | 0.93 | 0.79 | 0.37 | 0.61 | 0.47 | 0.60 | 0.86 | 0.81 | 0.22 |
| Siwaliks Y0606 | MN11 | 7 | 0.33 | 0.34 | 0.78 | 0.77 | 0.39 | 0.69 | 0.81 | 0.75 | 0.20 | 0.93 | 0.47 | 0.20 | 0.86 | 0.70 | 0.82 | 0.38 | 0.66 | 0.54 | 0.68 | 0.89 | 0.55 | 0.24 |
| Siwaliks Y0998 | MN11 | 6 | 0.35 | 0.82 | 0.34 | 0.34 | 0.42 | 0.29 | 0.98 | 0.50 | 0.66 | 0.74 | 0.86 | 0.22 | 0.99 | 0.76 | 0.82 | 0.40 | 0.69 | 0.88 | 0.72 | 0.92 | 0.64 | 0.28 |
| Khirgis-Nur II-Altan-T | MN11 | 9 | 0.97 | 0.97 | 0.97 | 1.00 | 0.39 | 1.00 | 1.00 | 0.75 | 1.00 | 0.93 | 0.82 | 0.85 | 0.39 | 0.71 | 0.35 | 0.87 | 0.99 | 0.85 | 0.68 | 0.90 | 0.57 | 0.69 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Baccinello V1 | MN11 | 6 | 0.33 | 0.32 | 0.32 | 0.31 | 0.39 | 0.25 | 0.34 | 0.12 | 0.20 | 0.24 | 0.15 | 0.20 | 0.38 | 0.27 | 0.32 | 0.37 | 0.23 | 0.16 | 0.24 | 0.41 | 0.18 | 0.25 |
| Eski Bayirk?y | MN11 | 5 | 0.36 | 0.84 | 0.35 | 0.81 | 0.40 | 1.00 | 0.85 | 0.96 | 0.66 | 0.74 | 0.57 | 0.22 | 0.41 | 0.29 | 0.37 | 0.39 | 0.70 | 0.62 | 0.73 | 0.91 | 0.64 | 0.73 |
| Gorna Susica | MN11 | 7 | 0.31 | 0.32 | 0.29 | 0.74 | 0.87 | 0.91 | 0.97 | 1.00 | 0.54 | 0.89 | 0.44 | 0.51 | 0.38 | 0.90 | 0.32 | 0.85 | 0.87 | 0.49 | 0.63 | 0.88 | 0.51 | 0.64 |
| Hayranli Main Bed | MN11 | 10 | 0.92 | 0.68 | 0.99 | 1.00 | 0.34 | 1.00 | 1.00 | 1.00 | 0.92 | 1.00 | 0.83 | 0.70 | 0.32 | 0.57 | 0.26 | 0.97 | 0.93 | 0.86 | 0.80 | 0.84 | 0.68 | 0.81 |
| Kalimanci 3 | MN11 | 6 | 0.97 | 0.32 | 0.78 | 0.77 | 0.40 | 0.93 | 0.82 | 1.00 | 0.61 | 1.00 | 0.49 | 0.60 | 0.38 | 0.26 | 0.34 | 0.39 | 0.91 | 0.52 | 0.24 | 0.40 | 0.18 | 0.27 |
| Karain 2 | MN11 | 5 | 0.83 | 0.35 | 0.82 | 0.82 | 0.41 | 0.99 | 0.98 | 1.00 | 1.00 | 0.94 | 0.57 | 0.99 | 0.40 | 0.76 | 0.37 | 0.91 | 0.99 | 0.60 | 0.27 | 0.42 | 0.22 | 0.28 |
| Kemiklitepe 1:2 | MN11 | 21 | 0.98 | 0.93 | 0.98 | 0.97 | 0.62 | 1.00 | 0.77 | 1.00 | 1.00 | 0.98 | 0.65 | 0.56 | 0.20 | 0.06 | 0.13 | 0.89 | 0.99 | 0.69 | 0.22 | 0.24 | 0.51 | 0.76 |
| Kerassia | MN11 | 5 | 0.84 | 0.83 | 0.98 | 0.98 | 0.41 | 1.00 | 0.84 | 1.00 | 0.69 | 1.00 | 0.87 | 0.64 | 0.41 | 0.29 | 0.85 | 0.40 | 0.70 | 0.89 | 0.71 | 0.42 | 0.62 | 0.74 |
| Kerassia 1 | MN11 | 12 | 1.00 | 0.88 | 1.00 | 1.00 | 0.78 | 1.00 | 0.99 | 1.00 | 1.00 | 1.00 | 0.98 | 0.83 | 0.28 | 0.48 | 0.23 | 0.95 | 0.91 | 0.98 | 0.72 | 0.80 | 0.80 | 0.93 |
| Kerassia 3 | MN11 | 5 | 0.82 | 0.83 | 0.84 | 0.80 | 0.41 | 1.00 | 0.98 | 0.99 | 0.99 | 0.74 | 0.86 | 0.64 | 0.40 | 0.74 | 0.36 | 0.99 | 0.93 | 0.61 | 0.72 | 0.42 | 0.65 | 0.75 |
| Kerassia 4 | MN11 | 9 | 0.93 | 0.70 | 0.92 | 0.99 | 0.84 | 0.99 | 1.00 | 1.00 | 1.00 | 0.99 | 0.67 | 0.93 | 0.34 | 0.59 | 0.28 | 0.98 | 0.80 | 0.68 | 0.52 | 0.36 | 0.41 | 0.56 |
| Mahmutgazi | MN11 | 12 | 0.88 | 0.98 | 0.97 | 0.97 | 0.77 | 1.00 | 0.90 | 1.00 | 0.86 | 1.00 | 0.76 | 0.07 | 0.27 | 0.14 | 0.23 | 0.95 | 0.98 | 0.77 | 0.91 | 0.81 | 0.84 | 0.93 |
| Maragheh | MN11 | 47 | 0.85 | 0.95 | 1.00 | 0.96 | 0.69 | 1.00 | 0.96 | 1.00 | 1.00 | 1.00 | 0.82 | 0.41 | 0.08 | 0.04 | 0.17 | 0.96 | 0.99 | 0.64 | 0.45 | 0.42 | 0.54 | 0.86 |
| Monte Bamboli | MN11 | 8 | 0.28 | 0.28 | 0.27 | 0.26 | 0.36 | 0.59 | 0.30 | 0.84 | 0.17 | 0.59 | 0.10 | 0.14 | 0.35 | 0.61 | 0.29 | 0.83 | 0.56 | 0.11 | 0.20 | 0.38 | 0.13 | 0.20 |
| Novo-Elizavetovka | MN11 | 20 | 0.94 | 0.94 | 0.98 | 1.00 | 0.24 | 1.00 | 0.95 | 1.00 | 1.00 | 1.00 | 0.95 | 0.37 | 0.21 | 0.07 | 0.51 | 0.90 | 0.91 | 0.91 | 0.79 | 0.69 | 0.79 | 0.93 |
| Pyrgos Vassilissis | MN11 | 8 | 0.76 | 0.30 | 0.96 | 1.00 | 0.37 | 1.00 | 0.96 | 1.00 | 0.57 | 1.00 | 0.74 | 0.55 | 0.36 | 0.24 | 0.31 | 0.36 | 0.97 | 0.81 | 0.62 | 0.89 | 0.51 | 0.64 |
| Siwaliks Y0024 | MN11 | 15 | 0.58 | 0.21 | 0.58 | 0.84 | 0.30 | 0.98 | 1.00 | 0.82 | 0.84 | 0.98 | 0.72 | 0.55 | 0.72 | 0.75 | 0.62 | 0.73 | 0.88 | 0.76 | 0.71 | 0.97 | 0.53 | 0.41 |
| Siwaliks Y0034 | MN11 | 5 | 0.35 | 0.35 | 0.34 | 0.33 | 0.41 | 0.28 | 0.98 | 0.50 | 0.67 | 0.74 | 0.17 | 0.22 | 0.40 | 0.29 | 0.37 | 0.40 | 0.28 | 0.19 | 0.28 | 0.41 | 0.20 | 0.28 |
| Siwaliks Y0036 | MN11 | 5 | 0.82 | 0.34 | 0.98 | 0.97 | 0.40 | 0.95 | 0.85 | 0.97 | 0.92 | 0.95 | 0.57 | 0.62 | 0.40 | 0.29 | 0.36 | 0.41 | 0.72 | 0.63 | 0.27 | 0.41 | 0.21 | 0.29 |
| Siwaliks Y0176 | MN11 | 5 | 0.36 | 0.35 | 0.34 | 0.82 | 0.41 | 0.72 | 1.00 | 0.50 | 0.69 | 0.75 | 0.57 | 0.22 | 0.39 | 0.30 | 0.36 | 0.39 | 0.26 | 0.59 | 0.71 | 0.92 | 0.63 | 0.72 |
| Djebel Krechem el A | MN11 | 11 | 0.69 | 0.93 | 0.99 | 1.00 | 0.33 | 0.95 | 0.99 | 0.75 | 0.93 | 0.82 | 0.61 | 0.69 | 0.79 | 0.85 | 0.25 | 0.97 | 0.77 | 0.86 | 0.49 | 0.35 | 0.67 | 0.82 |
| Irrawaddy 1 | MN11 | 27 | 0.09 | 0.37 | 0.08 | 0.30 | 0.20 | 0.69 | 1.00 | 0.07 | 0.54 | 0.17 | 0.52 | 0.69 | 0.84 | 0.97 | 0.11 | 0.54 | 0.36 | 0.57 | 0.38 | 0.64 | 0.20 | 0.42 |
| Qinan-Chenggoucun | MN11 | 5 | 0.81 | 0.98 | 0.83 | 0.82 | 0.40 | 1.00 | 0.98 | 0.50 | 0.99 | 0.72 | 0.58 | 0.91 | 0.39 | 0.76 | 0.37 | 0.89 | 0.93 | 0.60 | 0.28 | 0.40 | 0.22 | 0.27 |
| Tanagra | MN11 | 5 | 0.87 | 0.38 | 0.85 | 0.85 | 0.43 | 0.97 | 0.99 | 0.98 | 0.73 | 1.00 | 0.65 | 0.70 | 0.42 | 0.32 | 0.38 | 0.42 | 0.96 | 0.68 | 0.32 | 0.43 | 0.25 | 0.30 |
| Zinda pir 4 | MN11 | 9 | 0.71 | 0.71 | 0.68 | 0.93 | 0.84 | 0.97 | 1.00 | 0.54 | 0.77 | 0.85 | 0.08 | 0.41 | 0.34 | 0.59 | 0.27 | 0.80 | 0.52 | 0.09 | 0.17 | 0.36 | 0.12 | 0.17 |
| Siwaliks Y0007 | MN11 | 5 | 0.34 | 0.35 | 0.34 | 0.35 | 0.41 | 0.27 | 0.98 | 0.15 | 0.66 | 0.28 | 0.18 | 0.23 | 0.39 | 0.30 | 0.37 | 0.40 | 0.25 | 0.19 | 0.29 | 0.42 | 0.22 | 0.28 |
| Bahe | MN11 | 22 | 0.99 | 0.95 | 0.80 | 0.93 | 0.70 | 1.00 | 0.97 | 0.66 | 1.00 | 0.84 | 0.79 | 0.45 | 0.68 | 0.36 | 0.18 | 0.99 | 0.57 | 0.82 | 0.31 | 0.28 | 0.18 | 0.31 |
| Chobruchi (Tchobroı | MN11 | 24 | 0.91 | 0.72 | 0.97 | 0.99 | 0.22 | 1.00 | 0.98 | 1.00 | 1.00 | 1.00 | 0.96 | 0.52 | 0.18 | 0.23 | 0.43 | 0.86 | 0.65 | 0.84 | 0.73 | 0.66 | 0.72 | 0.89 |
| Haliminhani 4 | MN11 | 5 | 0.84 | 0.35 | 0.98 | 0.98 | 0.41 | 1.00 | 0.98 | 1.00 | 0.99 | 1.00 | 0.88 | 0.91 | 0.40 | 0.75 | 0.36 | 0.89 | 0.95 | 0.59 | 0.27 | 0.41 | 0.23 | 0.28 |
| Sarihasan | MN11 | 5 | 0.83 | 0.84 | 0.83 | 0.34 | 0.41 | 0.95 | 0.98 | 0.52 | 0.68 | 0.74 | 0.18 | 0.66 | 0.40 | 0.76 | 0.37 | 0.89 | 0.94 | 0.19 | 0.27 | 0.42 | 0.21 | 0.28 |
| Siwaliks Y0028 | MN11 | 12 | 0.24 | 0.26 | 0.24 | 0.23 | 0.34 | 0.16 | 0.95 | 0.23 | 0.73 | 0.51 | 0.07 | 0.39 | 0.32 | 0.17 | 0.26 | 0.31 | 0.14 | 0.07 | 0.15 | 0.35 | 0.09 | 0.16 |
| Sinap 34 | MN11 | 5 | 0.34 | 0.81 | 0.34 | 0.32 | 0.40 | 1.00 | 0.36 | 0.49 | 0.68 | 0.73 | 0.17 | 0.22 | 0.41 | 0.30 | 0.36 | 0.40 | 0.26 | 0.20 | 0.28 | 0.42 | 0.21 | 0.29 |
| Siwaliks Y0174 | MN11 | 6 | 0.33 | 0.80 | 0.79 | 0.76 | 0.39 | 0.69 | 0.81 | 0.94 | 0.20 | 0.99 | 0.50 | 0.20 | 0.38 | 0.28 | 0.82 | 0.38 | 0.23 | 0.51 | 0.66 | 0.40 | 0.57 | 0.68 |
| Siwaliks Y0535 | MN11 | 8 | 0.30 | 0.30 | 0.30 | 0.74 | 0.37 | 0.63 | 0.96 | 0.70 | 0.55 | 0.90 | 0.45 | 0.16 | 0.35 | 0.66 | 0.30 | 0.35 | 0.20 | 0.48 | 0.63 | 0.88 | 0.49 | 0.63 |
| Dzedzvtakhevi | MN11 | 8 | 0.99 | 0.73 | 0.73 | 0.69 | 0.37 | 0.97 | 0.95 | 0.97 | 0.99 | 0.97 | 0.37 | 0.95 | 0.34 | 0.62 | 0.30 | 0.84 | 0.86 | 0.42 | 0.20 | 0.36 | 0.13 | 0.20 |
| Eldari | MN11 | 11 | 0.92 | 0.92 | 1.00 | 1.00 | 0.33 | 1.00 | 0.99 | 1.00 | 1.00 | 1.00 | 0.96 | 0.90 | 0.32 | 0.54 | 0.70 | 0.97 | 0.94 | 0.96 | 0.79 | 0.35 | 0.89 | 0.94 |
| Kujalnitskij liman | MN11 | 7 | 0.77 | 0.76 | 0.76 | 0.94 | 0.38 | 1.00 | 1.00 | 1.00 | 1.00 | 0.99 | 0.74 | 0.83 | 0.36 | 0.65 | 0.32 | 0.86 | 0.88 | 0.77 | 0.63 | 0.87 | 0.50 | 0.61 |
| Chorora | MN11 | 8 | 0.75 | 0.29 | 0.72 | 0.94 | 1.00 | 0.19 | 0.77 | 0.30 | 0.15 | 0.87 | 0.90 | 0.48 | 0.98 | 0.63 | 0.30 | 0.35 | 0.85 | 0.73 | 0.57 | 0.38 | 0.45 | 0.60 |
| Siwaliks Y0604 | MN11 | 11 | 0.27 | 0.27 | 0.24 | 0.23 | 0.35 | 0.18 | 0.95 | 0.25 | 0.45 | 0.53 | 0.09 | 0.12 | 0.34 | 0.20 | 0.28 | 0.34 | 0.15 | 0.09 | 0.16 | 0.37 | 0.11 | 0.18 |
| Altan-Teli | MN11 | 18 | 0.99 | 0.99 | 0.98 | 0.98 | 0.33 | 1.00 | 0.99 | 0.88 | 1.00 | 0.99 | 0.93 | 0.65 | 0.30 | 0.51 | 0.25 | 0.96 | 0.92 | 0.57 | 0.45 | 0.82 | 0.31 | 0.46 |
| Bala Yaylak?y | MN11 | 11 | 0.67 | 0.68 | 0.91 | 0.98 | 0.33 | 1.00 | 0.92 | 1.00 | 0.73 | 1.00 | 0.58 | 0.37 | 0.32 | 0.56 | 0.27 | 0.32 | 0.78 | 0.64 | 0.48 | 0.84 | 0.35 | 0.50 |
| Crevillente 2 | MN11 | 16 | 0.17 | 0.54 | 0.83 | 0.80 | 0.28 | 0.86 | 0.18 | 1.00 | 0.55 | 1.00 | 0.34 | 0.20 | 0.26 | 0.09 | 0.55 | 0.94 | 0.82 | 0.40 | 0.31 | 0.30 | 0.18 | 0.35 |
| Csakvar | MN11 | 23 | 0.39 | 0.39 | 0.36 | 0.32 | 0.62 | 0.45 | 0.43 | 0.79 | 0.31 | 0.96 | 0.55 | 0.24 | 0.19 | 0.21 | 0.12 | 0.18 | 0.63 | 0.39 | 0.67 | 0.66 | 0.86 | 0.96 |
| Dorn D?rkheim 1 | MN11 | 40 | 0.19 | 0.45 | 0.70 | 0.37 | 0.76 | 0.17 | 0.22 | 1.00 | 0.23 | 1.00 | 0.33 | 0.06 | 0.71 | 0.22 | 0.50 | 0.91 | 0.51 | 0.22 | 0.34 | 0.15 | 0.11 | 0.17 |
| Dzhuanaryk | MN11 | 10 | 0.99 | 0.99 | 0.99 | 1.00 | 0.33 | 0.99 | 0.99 | 0.98 | 1.00 | 0.99 | 0.84 | 0.38 | 0.32 | 0.18 | 0.27 | 0.78 | 0.93 | 0.86 | 0.79 | 0.83 | 0.67 | 0.81 |
| Garkin | MN11 | 19 | 0.47 | 0.93 | 0.93 | 0.74 | 0.25 | 1.00 | 0.95 | 1.00 | 1.00 | 0.94 | 0.48 | 0.35 | 0.22 | 0.30 | 0.16 | 0.88 | 0.90 | 0.32 | 0.24 | 0.25 | 0.35 | 0.57 |
| Injana | MN11 | 16 | 0.96 | 0.99 | 1.00 | 0.99 | 0.73 | 1.00 | 0.97 | 1.00 | 0.78 | 1.00 | 0.93 | 0.22 | 0.70 | 0.11 | 0.18 | 0.93 | 0.99 | 0.86 | 0.62 | 0.31 | 0.43 | 0.66 |
| K???k?ekmece | MN11 | 22 | 0.44 | 0.74 | 0.90 | 0.97 | 0.22 | 1.00 | 0.93 | 1.00 | 0.98 | 1.00 | 0.62 | 0.58 | 0.20 | 0.26 | 0.76 | 0.89 | 0.88 | 0.46 | 0.49 | 0.69 | 0.52 | 0.50 |
| Kalimanci 1 | MN11 | 12 | 0.62 | 0.59 | 0.88 | 0.86 | 0.31 | 1.00 | 0.98 | 1.00 | 0.66 | 1.00 | 0.75 | 0.29 | 0.29 | 0.14 | 0.23 | 0.29 | 0.70 | 0.53 | 0.42 | 0.81 | 0.28 | 0.43 |
| Karacahasan | MN11 | 19 | 0.48 | 0.49 | 0.77 | 0.93 | 0.26 | 1.00 | 0.96 | 1.00 | 1.00 | 1.00 | 0.74 | 0.94 | 0.23 | 0.32 | 0.15 | 0.63 | 0.93 | 0.57 | 0.28 | 0.73 | 0.64 | 0.58 |
| Kayadibi | MN11 | 14 | 0.88 | 0.97 | 1.00 | 0.96 | 0.28 | 1.00 | 0.57 | 0.97 | 0.78 | 1.00 | 0.67 | 0.05 | 0.27 | 0.72 | 0.61 | 0.99 | 0.63 | 0.88 | 0.89 | 0.29 | 0.90 | 0.97 |
| Kocherinovo 1 | MN11 | 6 | 0.97 | 0.32 | 0.79 | 0.77 | 0.40 | 0.94 | 0.80 | 1.00 | 0.60 | 1.00 | 0.52 | 0.58 | 0.37 | 0.27 | 0.35 | 0.87 | 0.99 | 0.54 | 0.25 | 0.40 | 0.19 | 0.25 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kocherinovo 2 | MN11 | 7 | 0.76 | 0.31 | 0.99 | 0.95 | 0.38 | 1.00 | 0.96 | 1.00 | 0.86 | 1.00 | 0.75 | 0.84 | 0.37 | 0.67 | 0.32 | 0.98 | 1.00 | 0.80 | 0.23 | 0.39 | 0.15 | 0.22 |
| Kohfidisch | MN11 | 16 | 0.55 | 0.55 | 0.96 | 0.78 | 0.27 | 1.00 | 0.85 | 1.00 | 1.00 | 1.00 | 0.81 | 0.48 | 0.24 | 0.40 | 0.56 | 0.93 | 0.83 | 0.66 | 0.32 | 0.30 | 0.19 | 0.32 |
| Lower Maragheh | MN11 | 8 | 0.94 | 1.00 | 0.99 | 0.99 | 0.36 | 1.00 | 1.00 | 0.99 | 0.96 | 1.00 | 0.39 | 0.48 | 0.34 | 0.61 | 0.29 | 0.98 | 0.97 | 0.43 | 0.57 | 0.37 | 0.46 | 0.59 |
| Maragheh (MMTT 4 | MN11 | 5 | 0.98 | 0.83 | 1.00 | 0.97 | 0.41 | 1.00 | 1.00 | 0.96 | 1.00 | 0.95 | 0.98 | 0.92 | 0.40 | 0.75 | 0.36 | 1.00 | 0.99 | 0.98 | 0.71 | 0.41 | 0.65 | 0.74 |
| Nikiti 2 (NIK) | MN11 | 10 | 0.72 | 0.27 | 0.93 | 0.99 | 0.35 | 1.00 | 0.99 | 1.00 | 0.76 | 1.00 | 0.64 | 0.74 | 0.32 | 0.58 | 0.29 | 0.81 | 0.95 | 0.68 | 0.56 | 0.83 | 0.39 | 0.54 |
| Piera | MN11 | 14 | 0.19 | 0.58 | 0.86 | 0.83 | 0.27 | 0.69 | 0.20 | 1.00 | 0.28 | 1.00 | 0.40 | 0.05 | 0.26 | 0.12 | 0.60 | 0.71 | 0.62 | 0.44 | 0.36 | 0.30 | 0.20 | 0.38 |
| Puente Minero | MN11 | 18 | 0.13 | 0.48 | 0.78 | 0.45 | 0.26 | 0.84 | 0.53 | 1.00 | 0.68 | 0.98 | 0.28 | 0.18 | 0.22 | 0.35 | 0.17 | 0.98 | 0.78 | 0.12 | 0.07 | 0.26 | 0.03 | 0.07 |
| Qaidam-shenggou | MN11 | 13 | 0.89 | 0.21 | 0.62 | 0.58 | 0.30 | 0.98 | 0.98 | 0.95 | 1.00 | 0.99 | 0.49 | 0.61 | 0.28 | 0.49 | 0.23 | 0.74 | 0.90 | 0.26 | 0.12 | 0.81 | 0.27 | 0.12 |
| Ravin des Zouaves 5 | MN11 | 25 | 0.74 | 0.43 | 0.88 | 0.97 | 0.22 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 0.79 | 0.90 | 0.20 | 0.24 | 0.11 | 0.97 | 0.95 | 0.68 | 0.45 | 0.67 | 0.48 | 0.74 |
| Strumyani 1 | MN11 | 8 | 0.75 | 0.31 | 0.75 | 0.95 | 0.98 | 0.99 | 1.00 | 1.00 | 0.84 | 0.99 | 0.93 | 0.84 | 0.85 | 0.92 | 0.33 | 0.84 | 0.89 | 0.95 | 0.63 | 0.87 | 0.51 | 0.62 |
| Strumyani 2 | MN11 | 9 | 0.96 | 0.29 | 0.77 | 0.94 | 0.86 | 1.00 | 1.00 | 0.98 | 0.85 | 1.00 | 0.94 | 0.83 | 0.85 | 0.92 | 0.31 | 0.86 | 0.88 | 0.94 | 0.62 | 0.88 | 0.49 | 0.64 |
| Taghar | MN11 | 7 | 0.97 | 0.76 | 0.95 | 0.99 | 0.37 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 0.93 | 0.83 | 0.36 | 0.67 | 0.32 | 0.98 | 0.88 | 0.94 | 0.90 | 0.88 | 0.80 | 0.90 |
| Vivero de Pinos | MN11 | 6 | 0.34 | 0.79 | 0.78 | 0.31 | 0.38 | 0.25 | 0.34 | 0.99 | 0.20 | 0.93 | 0.51 | 0.19 | 0.38 | 0.26 | 0.34 | 0.37 | 0.22 | 0.16 | 0.24 | 0.40 | 0.18 | 0.25 |
| Yangjiashan | MN11 | 21 | 0.75 | 0.74 | 0.72 | 0.68 | 0.65 | 1.00 | 0.93 | 1.00 | 1.00 | 0.97 | 0.80 | 0.92 | 0.20 | 0.25 | 0.14 | 0.98 | 0.87 | 0.68 | 0.49 | 0.25 | 0.53 | 0.75 |
| Yuanmou-baozidong | MN11 | 13 | 0.20 | 0.21 | 0.19 | 0.17 | 0.30 | 0.11 | 0.22 | 0.93 | 0.96 | 0.11 | 0.43 | 0.26 | 0.28 | 0.12 | 0.21 | 0.72 | 0.68 | 0.21 | 0.10 | 0.31 | 0.06 | 0.40 |
| Yuanmou-hudieliang | MN11 | 7 | 0.31 | 0.31 | 0.30 | 0.28 | 0.38 | 0.22 | 0.33 | 0.98 | 0.97 | 0.22 | 0.76 | 0.16 | 0.36 | 0.23 | 0.77 | 0.87 | 0.88 | 0.49 | 0.20 | 0.39 | 0.16 | 0.66 |
| Siwaliks Y0981 | MN11 | 7 | 0.33 | 0.81 | 0.33 | 0.30 | 0.38 | 0.25 | 0.82 | 0.44 | 0.60 | 0.69 | 0.50 | 0.18 | 0.87 | 0.27 | 0.33 | 0.39 | 0.22 | 0.54 | 0.24 | 0.41 | 0.18 | 0.24 |
| Siwaliks Y0445 | MN11 | 5 | 0.35 | 0.83 | 0.81 | 0.82 | 0.41 | 0.30 | 0.97 | 0.50 | 0.68 | 0.75 | 0.57 | 0.23 | 0.40 | 0.29 | 0.84 | 0.40 | 0.25 | 0.60 | 0.73 | 0.42 | 0.61 | 0.73 |
| Siwaliks Y0158 | MN11 | 9 | 0.70 | 0.27 | 0.93 | 0.91 | 0.35 | 0.84 | 0.95 | 0.57 | 0.47 | 0.84 | 0.36 | 0.42 | 0.33 | 0.59 | 0.29 | 0.34 | 0.49 | 0.37 | 0.17 | 0.35 | 0.11 | 0.20 |
| Siwaliks Y0891 | MN11 | 6 | 0.34 | 0.32 | 0.32 | 0.32 | 0.41 | 0.25 | 0.82 | 0.14 | 0.20 | 0.23 | 0.15 | 0.19 | 0.38 | 0.28 | 0.33 | 0.38 | 0.22 | 0.17 | 0.23 | 0.40 | 0.18 | 0.24 |
| Siwaliks Y0388 | MN11 | 5 | 0.34 | 0.36 | 0.34 | 0.33 | 0.42 | 0.27 | 0.83 | 0.50 | 0.68 | 0.73 | 0.18 | 0.64 | 0.39 | 0.29 | 0.83 | 0.40 | 0.27 | 0.18 | 0.27 | 0.42 | 0.64 | 0.75 |
| Udabno I | MN11 | 11 | 0.91 | 0.90 | 0.98 | 1.00 | 0.33 | 1.00 | 1.00 | 1.00 | 0.98 | 1.00 | 0.93 | 0.67 | 0.30 | 0.51 | 0.67 | 0.96 | 0.75 | 0.95 | 0.93 | 0.82 | 0.85 | 0.94 |
| Siwaliks Y0166 | MN11 | 7 | 0.36 | 0.35 | 0.34 | 0.33 | 0.41 | 0.27 | 0.98 | 0.49 | 0.66 | 0.72 | 0.19 | 0.21 | 0.40 | 0.30 | 0.36 | 0.40 | 0.27 | 0.19 | 0.27 | 0.43 | 0.22 | 0.27 |
| Siwaliks Y0609 | MN11 | 5 | 0.34 | 0.35 | 0.34 | 0.34 | 0.41 | 0.27 | 0.98 | 0.50 | 0.68 | 0.72 | 0.19 | 0.21 | 0.40 | 0.76 | 0.37 | 0.41 | 0.25 | 0.19 | 0.27 | 0.42 | 0.21 | 0.27 |
| Siwaliks Y0980 | MN11 | 10 | 0.30 | 0.74 | 0.27 | 0.27 | 0.36 | 0.18 | 0.74 | 0.31 | 0.50 | 0.60 | 0.40 | 0.14 | 0.84 | 0.22 | 0.30 | 0.35 | 0.17 | 0.41 | 0.20 | 0.37 | 0.12 | 0.20 |
| Novaja Emetovka | MN11 | 19 | 0.94 | 0.99 | 1.00 | 1.00 | 0.24 | 1.00 | 0.99 | 1.00 | 1.00 | 1.00 | 0.95 | 0.37 | 0.21 | 0.32 | 0.49 | 0.89 | 0.90 | 0.78 | 0.79 | 0.72 | 0.58 | 0.80 |
| Siwaliks Y0406 | MN11 | 8 | 0.28 | 0.74 | 0.27 | 0.26 | 0.36 | 0.20 | 0.75 | 0.29 | 0.16 | 0.61 | 0.38 | 0.48 | 0.83 | 0.22 | 0.30 | 0.35 | 0.19 | 0.39 | 0.19 | 0.38 | 0.43 | 0.20 |
| Siwaliks Y0193 | MN10 | 7 | 0.31 | 0.29 | 0.30 | 0.27 | 0.37 | 0.24 | 0.96 | 0.36 | 0.57 | 0.63 | 0.12 | 0.15 | 0.37 | 0.25 | 0.32 | 0.37 | 0.20 | 0.14 | 0.21 | 0.39 | 0.16 | 0.23 |
| Siwaliks Y0196 | MN10 | 10 | 0.72 | 0.72 | 0.92 | 0.91 | 0.33 | 0.85 | 1.00 | 0.57 | 0.76 | 0.85 | 0.63 | 0.41 | 0.34 | 0.19 | 0.28 | 0.33 | 0.81 | 0.67 | 0.52 | 0.86 | 0.40 | 0.53 |
| Arkneti | MN10 | 5 | 0.82 | 0.36 | 0.82 | 0.81 | 0.41 | 0.74 | 0.84 | 0.82 | 0.68 | 0.73 | 0.57 | 0.64 | 0.39 | 0.29 | 0.36 | 0.40 | 0.72 | 0.61 | 0.29 | 0.42 | 0.21 | 0.27 |
| Siwaliks Y0324 | MN10 | 6 | 0.32 | 0.32 | 0.31 | 0.76 | 0.39 | 0.68 | 0.97 | 0.76 | 0.21 | 0.93 | 0.50 | 0.19 | 0.38 | 0.69 | 0.32 | 0.38 | 0.24 | 0.54 | 0.65 | 0.89 | 0.55 | 0.70 |
| Udabno II | MN10 | 6 | 0.81 | 1.00 | 0.96 | 0.96 | 0.39 | 0.93 | 0.81 | 0.76 | 0.98 | 0.92 | 0.49 | 0.58 | 0.38 | 0.71 | 0.81 | 0.87 | 0.91 | 0.52 | 0.68 | 0.40 | 0.55 | 0.70 |
| Ravin de la Pluie (RP | MN10 | 20 | 0.49 | 0.81 | 0.94 | 0.92 | 0.24 | 0.99 | 0.79 | 1.00 | 0.89 | 1.00 | 0.77 | 0.03 | 0.24 | 0.07 | 0.16 | 0.67 | 0.24 | 0.58 | 0.26 | 0.28 | 0.37 | 0.59 |
| Sinap 49 | MN10 | 18 | 0.96 | 0.97 | 0.99 | 1.00 | 0.28 | 1.00 | 1.00 | 1.00 | 0.92 | 1.00 | 0.93 | 0.50 | 0.25 | 0.10 | 0.57 | 0.68 | 0.58 | 0.95 | 0.86 | 0.76 | 0.89 | 0.96 |
| Akcak?y (1-6) | MN10 | 15 | 0.95 | 0.96 | 0.99 | 0.99 | 0.28 | 0.99 | 0.86 | 0.73 | 0.92 | 0.68 | 0.35 | 0.20 | 0.25 | 0.72 | 0.19 | 0.92 | 0.99 | 0.42 | 0.63 | 0.29 | 0.48 | 0.65 |
| Butwal | MN10 | 5 | 0.35 | 0.83 | 0.33 | 0.34 | 0.41 | 0.76 | 0.99 | 0.15 | 0.68 | 0.29 | 0.18 | 0.65 | 0.39 | 0.75 | 0.36 | 0.89 | 0.71 | 0.20 | 0.28 | 0.43 | 0.21 | 0.29 |
| Haritalyangar | MN10 | 7 | 0.30 | 0.31 | 0.29 | 0.28 | 0.38 | 0.20 | 0.76 | 0.35 | 0.59 | 0.64 | 0.12 | 0.17 | 0.36 | 0.23 | 0.31 | 0.36 | 0.20 | 0.12 | 0.20 | 0.39 | 0.15 | 0.22 |
| Karabulak svita | MN10 | 18 | 0.99 | 0.96 | 0.94 | 0.93 | 0.25 | 0.99 | 1.00 | 0.99 | 1.00 | 0.63 | 0.56 | 0.87 | 0.24 | 0.34 | 0.18 | 0.99 | 0.99 | 0.60 | 0.29 | 0.75 | 0.68 | 0.63 |
| Ngeringerowa 1/10( | MN10 | 7 | 0.31 | 0.77 | 1.00 | 0.99 | 0.87 | 0.89 | 0.79 | 0.88 | 0.56 | 0.98 | 0.44 | 0.50 | 0.38 | 0.92 | 0.79 | 0.98 | 0.87 | 0.76 | 0.89 | 0.88 | 0.81 | 0.90 |
| Ngorora 12 | MN10 | 6 | 0.32 | 0.80 | 1.00 | 0.96 | 0.88 | 0.69 | 0.34 | 0.75 | 0.22 | 0.93 | 0.49 | 0.19 | 0.38 | 0.27 | 0.34 | 0.39 | 0.24 | 0.17 | 0.25 | 0.42 | 0.17 | 0.24 |
| Piram Island | MN10 | 5 | 0.35 | 0.34 | 0.35 | 0.82 | 0.40 | 0.94 | 1.00 | 0.51 | 0.25 | 0.74 | 0.56 | 0.22 | 0.39 | 0.30 | 0.37 | 0.41 | 0.26 | 0.63 | 0.72 | 0.90 | 0.62 | 0.74 |
| Siwaliks Y0182 | MN10 | 28 | 0.39 | 0.91 | 0.87 | 0.64 | 0.18 | 0.18 | 0.98 | 0.40 | 0.55 | 0.72 | 0.58 | 0.50 | 0.56 | 0.24 | 0.76 | 0.17 | 0.63 | 0.39 | 0.41 | 0.66 | 0.67 | 0.88 |
| Siwaliks Y0243 | MN10 | 10 | 0.26 | 0.92 | 0.91 | 0.64 | 0.33 | 0.17 | 0.70 | 0.22 | 0.41 | 0.51 | 0.26 | 0.11 | 0.31 | 0.53 | 0.70 | 0.32 | 0.45 | 0.33 | 0.49 | 0.34 | 0.35 | 0.51 |
| Siwaliks Y0317 | MN10 | 19 | 0.50 | 0.79 | 0.77 | 0.45 | 0.24 | 0.28 | 0.95 | 0.19 | 0.44 | 0.60 | 0.28 | 0.40 | 0.65 | 0.08 | 0.55 | 0.23 | 0.53 | 0.32 | 0.07 | 0.28 | 0.15 | 0.28 |
| Siwaliks Y0327 | MN10 | 8 | 0.28 | 0.28 | 0.29 | 0.27 | 0.36 | 0.19 | 0.95 | 0.31 | 0.52 | 0.59 | 0.11 | 0.46 | 0.35 | 0.20 | 0.30 | 0.36 | 0.19 | 0.12 | 0.58 | 0.38 | 0.44 | 0.59 |
| Siwaliks Y0260 | MN10 | 13 | 0.59 | 0.20 | 0.20 | 0.18 | 0.30 | 0.43 | 0.98 | 0.12 | 0.61 | 0.41 | 0.18 | 0.56 | 0.27 | 0.44 | 0.21 | 0.73 | 0.33 | 0.22 | 0.10 | 0.32 | 0.25 | 0.40 |
| Siwaliks Y0239 | MN10 | 5 | 0.36 | 0.35 | 0.34 | 0.33 | 0.41 | 0.29 | 0.98 | 0.48 | 0.64 | 0.72 | 0.19 | 0.24 | 0.40 | 0.29 | 0.36 | 0.39 | 0.24 | 0.19 | 0.28 | 0.43 | 0.21 | 0.28 |
| Siwaliks Y0191 | MN10 | 8 | 0.28 | 0.30 | 0.71 | 0.71 | 0.35 | 0.59 | 0.95 | 0.30 | 0.51 | 0.60 | 0.39 | 0.15 | 0.34 | 0.22 | 0.30 | 0.35 | 0.55 | 0.11 | 0.18 | 0.38 | 0.12 | 0.59 |
| Siwaliks Y0211 | MN10 | 18 | 0.81 | 0.48 | 0.78 | 0.75 | 0.25 | 0.28 | 0.96 | 0.39 | 0.45 | 0.83 | 0.54 | 0.67 | 0.22 | 0.08 | 0.83 | 0.23 | 0.23 | 0.56 | 0.27 | 0.27 | 0.63 | 0.84 |
| Siwaliks Y0240 | MN10 | 6 | 0.82 | 0.80 | 0.78 | 0.77 | 0.89 | 0.26 | 0.81 | 0.41 | 0.63 | 0.69 | 0.16 | 0.18 | 0.37 | 0.69 | 0.35 | 0.39 | 0.66 | 0.16 | 0.22 | 0.40 | 0.18 | 0.25 |
| Siwaliks Y0314 | MN10 | 15 | 0.58 | 0.57 | 0.84 | 0.52 | 0.28 | 0.35 | 0.88 | 0.28 | 0.82 | 0.68 | 0.16 | 0.78 | 0.28 | 0.12 | 0.58 | 0.27 | 0.62 | 0.18 | 0.09 | 0.30 | 0.21 | 0.37 |
| Biru-Bulong | MN10 | 7 | 1.00 | 0.75 | 0.96 | 0.95 | 0.38 | 0.89 | 0.96 | 0.89 | 1.00 | 0.63 | 0.75 | 0.96 | 0.36 | 0.66 | 0.31 | 0.98 | 0.98 | 0.79 | 0.21 | 0.39 | 0.15 | 0.24 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Botamojnak | MN10 | 11 | 0.63 | 0.98 | 1.00 | 0.88 | 0.33 | 0.99 | 0.99 | 1.00 | 1.00 | 0.99 | 0.98 | 0.64 | 0.31 | 0.16 | 0.22 | 0.77 | 0.98 | 0.95 | 0.45 | 0.98 | 0.86 | 0.79 |
| Can Purull | MN10 | 23 | 0.68 | 0.87 | 1.00 | 0.99 | 0.59 | 0.83 | 0.91 | 1.00 | 0.89 | 1.00 | 0.95 | 0.23 | 0.18 | 0.04 | 0.42 | 0.96 | 0.81 | 0.89 | 0.85 | 0.64 | 0.83 | 0.96 |
| Cerro de los Batallor | MN10 | 17 | 0.14 | 0.16 | 0.14 | 0.45 | 0.70 | 0.60 | 0.54 | 0.98 | 0.47 | 0.83 | 0.02 | 0.16 | 0.23 | 0.32 | 0.16 | 0.90 | 0.77 | 0.02 | 0.27 | 0.27 | 0.13 | 0.30 |
| Cerro de los Batallor | MN10 | 9 | 0.26 | 0.26 | 0.26 | 0.23 | 0.83 | 0.84 | 0.72 | 0.54 | 0.79 | 0.84 | 0.07 | 0.43 | 0.33 | 0.56 | 0.27 | 0.97 | 0.95 | 0.08 | 0.52 | 0.36 | 0.40 | 0.56 |
| Dr?gu?eni | MN10 | 6 | 0.81 | 0.80 | 0.79 | 0.78 | 0.40 | 1.00 | 1.00 | 0.94 | 1.00 | 0.92 | 0.49 | 0.88 | 0.38 | 0.72 | 0.35 | 0.88 | 0.92 | 0.51 | 0.26 | 0.40 | 0.17 | 0.27 |
| Eldari I | MN10 | 22 | 0.92 | 0.90 | 1.00 | 1.00 | 0.23 | 1.00 | 0.98 | 1.00 | 0.98 | 1.00 | 0.81 | 0.56 | 0.20 | 0.80 | 0.46 | 0.98 | 0.67 | 0.95 | 0.73 | 0.68 | 0.89 | 0.97 |
| Fugu-Laogaochuan-I | MN10 | 19 | 1.00 | 0.96 | 0.99 | 0.94 | 0.27 | 1.00 | 1.00 | 0.95 | 1.00 | 0.97 | 0.94 | 0.73 | 0.24 | 0.70 | 0.19 | 1.00 | 0.99 | 0.86 | 0.33 | 0.75 | 0.70 | 0.67 |
| Fugu-Laogaochuan-\ | MN10 | 10 | 0.92 | 0.67 | 0.91 | 0.64 | 0.35 | 1.00 | 0.92 | 0.50 | 0.98 | 0.97 | 0.60 | 0.70 | 0.32 | 0.53 | 0.26 | 1.00 | 0.94 | 0.62 | 0.14 | 0.35 | 0.09 | 0.16 |
| Grebeniki | MN10 | 25 | 0.89 | 0.98 | 0.97 | 0.97 | 0.20 | 1.00 | 0.91 | 1.00 | 1.00 | 1.00 | 0.99 | 0.72 | 0.19 | 0.06 | 0.40 | 0.56 | 0.37 | 0.91 | 0.42 | 0.22 | 0.67 | 0.88 |
| Grossulovo | MN10 | 8 | 0.76 | 0.77 | 0.95 | 0.74 | 0.38 | 0.99 | 0.77 | 1.00 | 0.97 | 1.00 | 0.93 | 0.83 | 0.36 | 0.24 | 0.32 | 0.36 | 0.97 | 0.78 | 0.21 | 0.39 | 0.50 | 0.63 |
| Guanghe-houshancu | MN10 | 16 | 0.99 | 0.83 | 0.99 | 0.99 | 0.70 | 0.99 | 0.85 | 0.87 | 1.00 | 0.95 | 0.58 | 0.70 | 0.24 | 0.66 | 0.17 | 0.99 | 0.98 | 0.81 | 0.07 | 0.29 | 0.39 | 0.62 |
| Guanghe-sigou | MN10 | 10 | 0.68 | 0.67 | 0.67 | 0.63 | 0.33 | 1.00 | 0.70 | 0.98 | 1.00 | 0.99 | 0.83 | 0.70 | 0.32 | 0.55 | 0.26 | 1.00 | 0.94 | 0.63 | 0.14 | 0.35 | 0.34 | 0.51 |
| Hezheng-Dashengou | MN10 | 37 | 0.99 | 0.79 | 0.91 | 0.97 | 0.49 | 1.00 | 0.83 | 0.99 | 1.00 | 0.97 | 0.52 | 0.70 | 0.13 | 0.13 | 0.05 | 0.99 | 0.83 | 0.37 | 0.07 | 0.18 | 0.10 | 0.25 |
| La Cantera | MN10 | 6 | 0.32 | 0.78 | 0.79 | 0.32 | 0.89 | 0.68 | 0.34 | 0.99 | 0.20 | 0.99 | 0.50 | 0.19 | 0.37 | 0.25 | 0.34 | 0.38 | 0.63 | 0.16 | 0.66 | 0.40 | 0.56 | 0.69 |
| La Roma 2 | MN10 | 12 | 0.22 | 0.63 | 0.88 | 0.59 | 0.29 | 0.92 | 0.24 | 1.00 | 0.33 | 0.99 | 0.48 | 0.07 | 0.29 | 0.15 | 0.21 | 0.72 | 0.40 | 0.25 | 0.12 | 0.33 | 0.07 | 0.11 |
| Magway | MN10 | 9 | 0.26 | 0.27 | 0.26 | 0.68 | 0.35 | 0.55 | 0.95 | 0.27 | 0.78 | 0.54 | 0.09 | 0.43 | 0.34 | 0.57 | 0.28 | 0.80 | 0.50 | 0.09 | 0.19 | 0.35 | 0.10 | 0.17 |
| Mas?a del Barbo 2B | MN10 | 7 | 0.30 | 0.77 | 0.75 | 0.29 | 0.38 | 0.63 | 0.31 | 1.00 | 0.55 | 0.99 | 0.43 | 0.16 | 0.36 | 0.24 | 0.32 | 0.37 | 0.20 | 0.14 | 0.20 | 0.39 | 0.16 | 0.21 |
| Montredon | MN10 | 17 | 0.16 | 0.83 | 0.95 | 0.45 | 0.70 | 0.84 | 0.18 | 1.00 | 0.49 | 1.00 | 0.91 | 0.04 | 0.25 | 0.09 | 0.56 | 0.92 | 0.93 | 0.61 | 0.63 | 0.29 | 0.40 | 0.63 |
| Nikiti 1 (NKT) | MN10 | 12 | 0.91 | 0.90 | 1.00 | 0.88 | 0.32 | 1.00 | 0.99 | 1.00 | 0.68 | 1.00 | 0.93 | 0.34 | 0.30 | 0.17 | 0.26 | 0.96 | 0.93 | 0.83 | 0.46 | 0.34 | 0.30 | 0.46 |
| Poksheshty | MN10 | 14 | 0.84 | 1.00 | 0.99 | 0.99 | 0.73 | 1.00 | 1.00 | 1.00 | 1.00 | 0.99 | 0.95 | 0.54 | 0.26 | 0.42 | 0.21 | 0.94 | 0.96 | 0.90 | 0.87 | 0.97 | 0.91 | 0.89 |
| Ravin des Zouaves 1 | MN10 | 8 | 0.29 | 0.75 | 0.95 | 0.68 | 0.37 | 0.61 | 0.29 | 1.00 | 0.82 | 1.00 | 0.72 | 0.47 | 0.36 | 0.22 | 0.28 | 0.34 | 0.84 | 0.42 | 0.19 | 0.36 | 0.44 | 0.57 |
| Respopeny | MN10 | 9 | 0.94 | 1.00 | 1.00 | 0.99 | 0.37 | 1.00 | 0.95 | 0.99 | 0.99 | 0.99 | 0.99 | 0.48 | 0.34 | 0.21 | 0.75 | 0.83 | 0.56 | 0.92 | 0.88 | 0.38 | 0.79 | 0.87 |
| Samburu Hills (Nam | MN10 | 16 | 1.00 | 0.95 | 1.00 | 1.00 | 0.94 | 0.96 | 0.97 | 0.94 | 0.50 | 0.99 | 0.92 | 0.19 | 0.25 | 0.10 | 0.55 | 0.68 | 0.81 | 0.94 | 0.95 | 0.73 | 0.86 | 0.96 |
| Schernham b. Haag | MN10 | 5 | 0.35 | 0.83 | 0.82 | 0.81 | 0.41 | 0.28 | 0.86 | 0.96 | 0.67 | 0.94 | 0.57 | 0.23 | 0.39 | 0.28 | 0.36 | 0.39 | 0.26 | 0.21 | 0.26 | 0.41 | 0.22 | 0.28 |
| Soblay | MN10 | 10 | 0.25 | 0.68 | 0.67 | 0.23 | 0.79 | 0.16 | 0.26 | 0.99 | 0.12 | 0.80 | 0.27 | 0.11 | 0.30 | 0.54 | 0.26 | 0.78 | 0.79 | 0.08 | 0.49 | 0.35 | 0.34 | 0.50 |
| Terrassa | MN10 | 23 | 0.10 | 0.69 | 0.87 | 0.63 | 0.20 | 0.68 | 0.41 | 1.00 | 0.54 | 1.00 | 0.30 | 0.09 | 0.18 | 0.05 | 0.40 | 0.84 | 0.60 | 0.17 | 0.17 | 0.23 | 0.06 | 0.15 |
| Tiraspol (Kolkotova I | MN10 | 5 | 0.83 | 0.35 | 0.83 | 0.82 | 0.42 | 0.94 | 0.37 | 0.99 | 0.69 | 0.99 | 0.57 | 0.65 | 0.40 | 0.30 | 0.36 | 0.40 | 0.25 | 0.60 | 0.28 | 0.42 | 0.63 | 0.74 |
| Yulafli (CY) | MN10 | 12 | 0.22 | 0.88 | 0.98 | 0.98 | 0.32 | 0.74 | 0.23 | 1.00 | 0.34 | 1.00 | 0.47 | 0.07 | 0.29 | 0.14 | 0.65 | 0.76 | 0.70 | 0.22 | 0.40 | 0.32 | 0.26 | 0.45 |
| Siwaliks Y0310 | MN10 | 20 | 0.45 | 0.45 | 0.75 | 0.38 | 0.24 | 0.26 | 0.99 | 0.30 | 0.65 | 0.53 | 0.07 | 0.33 | 0.21 | 0.06 | 0.14 | 0.20 | 0.46 | 0.09 | 0.24 | 0.70 | 0.32 | 0.24 |
| Siwaliks Y0212 | MN10 | 8 | 0.29 | 0.73 | 0.71 | 0.25 | 0.36 | 0.20 | 0.78 | 0.29 | 0.15 | 0.60 | 0.10 | 0.11 | 0.36 | 0.64 | 0.30 | 0.34 | 0.55 | 0.11 | 0.20 | 0.36 | 0.13 | 0.20 |
| Siwaliks Y0207 | MN10 | 6 | 0.33 | 0.32 | 0.33 | 0.31 | 0.39 | 0.24 | 0.34 | 0.44 | 0.21 | 0.69 | 0.16 | 0.19 | 0.39 | 0.25 | 0.33 | 0.37 | 0.22 | 0.16 | 0.24 | 0.40 | 0.18 | 0.24 |
| Siwaliks Y0221 | MN10 | 11 | 0.67 | 0.24 | 0.66 | 0.65 | 0.34 | 0.49 | 1.00 | 0.50 | 0.74 | 0.82 | 0.29 | 0.39 | 0.31 | 0.18 | 0.26 | 0.31 | 0.49 | 0.31 | 0.14 | 0.35 | 0.10 | 0.15 |
| Siwaliks Y0226 | MN10 | 7 | 0.31 | 0.75 | 0.75 | 0.28 | 0.37 | 0.23 | 0.97 | 0.38 | 0.57 | 0.64 | 0.12 | 0.15 | 0.36 | 0.23 | 0.32 | 0.36 | 0.59 | 0.14 | 0.21 | 0.38 | 0.16 | 0.23 |
| Siwaliks Y0315 | MN10 | 6 | 0.80 | 0.79 | 0.97 | 0.77 | 0.40 | 0.70 | 0.98 | 0.43 | 0.61 | 0.67 | 0.50 | 0.57 | 0.37 | 0.72 | 0.33 | 0.39 | 0.91 | 0.52 | 0.24 | 0.41 | 0.19 | 0.25 |
| Siwaliks Y0359 | MN10 | 5 | 0.35 | 0.35 | 0.34 | 0.34 | 0.40 | 0.29 | 0.98 | 0.14 | 0.69 | 0.29 | 0.18 | 0.22 | 0.40 | 0.29 | 0.35 | 0.40 | 0.25 | 0.19 | 0.28 | 0.42 | 0.22 | 0.27 |
| Siwaliks Y0328 | MN10 | 8 | 0.28 | 0.75 | 0.94 | 0.69 | 0.36 | 0.86 | 0.95 | 0.62 | 0.16 | 0.86 | 0.10 | 0.15 | 0.34 | 0.20 | 0.31 | 0.34 | 0.57 | 0.11 | 0.19 | 0.38 | 0.13 | 0.20 |
| La Tarumba I | MN10 | 14 | 0.20 | 0.87 | 0.86 | 0.96 | 0.74 | 0.41 | 0.89 | 0.98 | 0.59 | 1.00 | 0.72 | 0.27 | 0.28 | 0.11 | 0.61 | 0.28 | 0.34 | 0.48 | 0.90 | 0.79 | 0.80 | 0.91 |
| Siwaliks Y0312 | MN10 | 8 | 0.29 | 0.75 | 0.74 | 0.27 | 0.36 | 0.20 | 0.75 | 0.30 | 0.15 | 0.60 | 0.10 | 0.15 | 0.35 | 0.21 | 0.31 | 0.35 | 0.54 | 0.11 | 0.19 | 0.38 | 0.13 | 0.20 |
| Siwaliks Y0224 | MN10 | 8 | 0.78 | 0.31 | 0.74 | 0.94 | 0.39 | 0.90 | 0.97 | 0.91 | 0.58 | 0.99 | 0.77 | 0.53 | 0.36 | 0.24 | 0.31 | 0.36 | 0.60 | 0.78 | 0.62 | 0.87 | 0.50 | 0.66 |
| Siwaliks Y0225 | MN10 | 8 | 0.30 | 0.30 | 0.28 | 0.26 | 0.37 | 0.20 | 0.96 | 0.29 | 0.51 | 0.59 | 0.10 | 0.49 | 0.34 | 0.22 | 0.76 | 0.36 | 0.19 | 0.11 | 0.20 | 0.37 | 0.44 | 0.60 |
| Siwaliks Y0227 | MN10 | 20 | 0.46 | 0.45 | 0.74 | 0.39 | 0.24 | 0.24 | 0.93 | 0.15 | 0.41 | 0.53 | 0.07 | 0.33 | 0.22 | 0.29 | 0.49 | 0.21 | 0.47 | 0.09 | 0.04 | 0.25 | 0.12 | 0.26 |
| Siwaliks Y0309 | MN10 | 14 | 0.20 | 0.59 | 0.56 | 0.17 | 0.30 | 0.12 | 0.90 | 0.13 | 0.31 | 0.41 | 0.04 | 0.28 | 0.28 | 0.45 | 0.61 | 0.27 | 0.34 | 0.04 | 0.12 | 0.32 | 0.26 | 0.40 |
| Siwaliks Y0161 | MN10 | 5 | 0.34 | 0.83 | 0.35 | 0.33 | 0.41 | 0.27 | 0.98 | 0.50 | 0.66 | 0.74 | 0.56 | 0.21 | 0.89 | 0.30 | 0.36 | 0.39 | 0.26 | 0.60 | 0.26 | 0.42 | 0.21 | 0.30 |
| Siwaliks Y0160 | MN10 | 6 | 0.32 | 0.97 | 0.97 | 0.77 | 0.40 | 0.25 | 0.82 | 0.77 | 0.20 | 0.93 | 0.50 | 0.18 | 0.37 | 0.26 | 0.81 | 0.38 | 0.66 | 0.53 | 0.67 | 0.41 | 0.57 | 0.69 |
| Siwaliks Y0269 | MN10 | 15 | 0.21 | 0.18 | 0.17 | 0.16 | 0.27 | 0.11 | 0.87 | 0.11 | 0.27 | 0.37 | 0.15 | 0.24 | 0.27 | 0.11 | 0.60 | 0.27 | 0.33 | 0.04 | 0.10 | 0.30 | 0.22 | 0.70 |
| Siwaliks Y0350 | MN10 | 13 | 0.22 | 0.62 | 0.20 | 0.18 | 0.31 | 0.13 | 0.90 | 0.14 | 0.34 | 0.43 | 0.22 | 0.30 | 0.74 | 0.45 | 0.65 | 0.28 | 0.12 | 0.22 | 0.12 | 0.33 | 0.26 | 0.43 |
| Siwaliks Y0270 | MN10 | 6 | 0.38 | 0.37 | 0.36 | 0.36 | 0.43 | 0.30 | 0.87 | 0.59 | 0.73 | 0.79 | 0.65 | 0.28 | 0.43 | 0.33 | 0.39 | 0.42 | 0.77 | 0.25 | 0.31 | 0.43 | 0.26 | 0.79 |
| Xirochori 1 (XIR) | MN10 | 10 | 0.68 | 0.24 | 0.65 | 0.65 | 0.34 | 0.99 | 0.68 | 0.91 | 0.91 | 0.81 | 0.06 | 0.38 | 0.32 | 0.53 | 0.25 | 0.97 | 0.79 | 0.07 | 0.15 | 0.36 | 0.09 | 0.17 |
| Siwaliks Y0262 | MN10 | 12 | 0.25 | 0.67 | 0.63 | 0.60 | 0.31 | 0.79 | 0.99 | 0.45 | 0.70 | 0.80 | 0.23 | 0.34 | 0.75 | 0.81 | 0.25 | 0.75 | 0.42 | 0.27 | 0.14 | 0.34 | 0.07 | 0.13 |
| Siwaliks Y0216 | MN10 | 5 | 0.35 | 0.33 | 0.35 | 0.35 | 0.40 | 0.28 | 0.98 | 0.50 | 0.69 | 0.73 | 0.18 | 0.21 | 0.41 | 0.30 | 0.35 | 0.40 | 0.27 | 0.20 | 0.28 | 0.42 | 0.21 | 0.28 |
| Can Llobateres I | MN10 | 50 | 0.11 | 0.79 | 0.76 | 0.47 | 0.33 | 0.09 | 0.63 | 0.96 | 0.41 | 0.91 | 0.07 | 0.01 | 0.07 | 0.03 | 0.15 | 0.84 | 0.16 | 0.03 | 0.19 | 0.40 | 0.14 | 0.23 |
| Natlismtsemeli I | MN10 | 5 | 0.98 | 0.34 | 0.99 | 0.98 | 0.41 | 0.95 | 0.98 | 0.82 | 0.65 | 0.95 | 0.87 | 0.63 | 0.40 | 0.75 | 0.36 | 0.88 | 0.71 | 0.98 | 0.71 | 0.91 | 0.91 | 0.95 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Oshin-I-5 upper | MN10 | 8 | 0.97 | 1.00 | 1.00 | 0.97 | 0.40 | 1.00 | 1.00 | 0.72 | 1.00 | 0.69 | 0.81 | 0.87 | 0.38 | 0.71 | 0.32 | 0.99 | 0.99 | 0.82 | 0.66 | 0.39 | 0.56 | 0.68 |
| Siwaliks Y0236 | MN10 | 5 | 0.35 | 0.83 | 0.83 | 0.34 | 0.40 | 0.27 | 0.85 | 0.15 | 0.24 | 0.28 | 0.19 | 0.22 | 0.41 | 0.31 | 0.36 | 0.40 | 0.70 | 0.19 | 0.28 | 0.42 | 0.21 | 0.29 |
| Sinap 12 | MN10 | 21 | 1.00 | 0.75 | 0.91 | 0.99 | 0.66 | 1.00 | 0.99 | 0.96 | 0.98 | 0.93 | 0.68 | 0.60 | 0.22 | 0.30 | 0.15 | 1.00 | 0.70 | 0.70 | 0.51 | 0.67 | 0.57 | 0.80 |
| Siwaliks Y0261 | MN10 | 8 | 0.30 | 0.30 | 0.28 | 0.28 | 0.38 | 0.23 | 0.96 | 0.37 | 0.56 | 0.64 | 0.13 | 0.15 | 0.36 | 0.24 | 0.29 | 0.37 | 0.20 | 0.14 | 0.21 | 0.39 | 0.14 | 0.22 |
| Siwaliks Y0329 | MN10 | 7 | 0.29 | 0.96 | 0.96 | 0.74 | 0.38 | 0.22 | 0.79 | 0.35 | 0.18 | 0.65 | 0.42 | 0.16 | 0.36 | 0.23 | 0.79 | 0.37 | 0.62 | 0.48 | 0.61 | 0.39 | 0.50 | 0.64 |
| Siwaliks Y0330 | MN10 | 8 | 0.95 | 0.73 | 0.95 | 0.99 | 0.85 | 0.87 | 0.95 | 0.63 | 0.51 | 0.88 | 0.69 | 0.48 | 0.84 | 0.22 | 0.30 | 0.36 | 0.56 | 0.75 | 0.20 | 0.38 | 0.12 | 0.21 |
| Siwaliks Y0578 | MN10 | 9 | 0.75 | 0.72 | 0.95 | 0.94 | 0.36 | 0.60 | 0.96 | 0.85 | 0.50 | 0.98 | 0.90 | 0.78 | 0.35 | 0.64 | 0.75 | 0.35 | 0.83 | 0.93 | 0.88 | 0.37 | 0.77 | 0.88 |
| Siwaliks Y0337 | MN10 | 11 | 0.64 | 0.23 | 0.90 | 0.89 | 0.32 | 0.79 | 0.99 | 0.68 | 0.89 | 0.80 | 0.25 | 0.31 | 0.30 | 0.50 | 0.22 | 0.30 | 0.43 | 0.27 | 0.13 | 0.33 | 0.07 | 0.14 |
| Akin | MN10 | 7 | 0.95 | 0.97 | 0.99 | 1.00 | 0.38 | 1.00 | 1.00 | 1.00 | 1.00 | 0.99 | 0.93 | 0.82 | 0.36 | 0.67 | 0.30 | 0.99 | 0.98 | 0.79 | 0.63 | 0.39 | 0.49 | 0.63 |
| Salmendingen | MN10 | 5 | 0.38 | 0.38 | 0.39 | 0.37 | 0.42 | 0.30 | 0.38 | 0.88 | 0.29 | 0.31 | 0.22 | 0.27 | 0.42 | 0.33 | 0.38 | 0.41 | 0.31 | 0.24 | 0.29 | 0.44 | 0.27 | 0.31 |
| Sinap 8B | MN10 | 6 | 0.98 | 0.84 | 0.82 | 0.98 | 0.91 | 1.00 | 1.00 | 0.97 | 0.99 | 0.95 | 0.86 | 0.64 | 0.39 | 0.77 | 0.37 | 0.99 | 0.70 | 0.60 | 0.72 | 0.42 | 0.62 | 0.73 |
| Siwaliks Y0285 | MN10 | 5 | 0.84 | 0.35 | 0.83 | 0.82 | 0.42 | 0.73 | 0.99 | 0.51 | 0.68 | 0.73 | 0.57 | 0.62 | 0.41 | 0.28 | 0.35 | 0.40 | 0.70 | 0.61 | 0.25 | 0.42 | 0.22 | 0.29 |
| Nakali | MN10 | 15 | 0.96 | 1.00 | 1.00 | 1.00 | 0.72 | 0.97 | 0.87 | 0.96 | 0.52 | 1.00 | 0.94 | 0.20 | 0.26 | 0.70 | 0.57 | 0.99 | 0.99 | 0.99 | 0.86 | 0.76 | 0.88 | 0.96 |
| Ngorora | MN10 | 14 | 0.85 | 1.00 | 1.00 | 0.95 | 0.29 | 0.68 | 0.60 | 0.53 | 0.58 | 0.69 | 0.84 | 0.05 | 0.68 | 0.11 | 0.58 | 0.71 | 0.63 | 0.68 | 0.88 | 0.32 | 0.75 | 0.68 |
| Rudab?nya | MN9 | 34 | 0.06 | 0.61 | 0.78 | 0.52 | 0.17 | 0.09 | 0.28 | 0.85 | 0.16 | 0.89 | 0.17 | 0.00 | 0.14 | 0.14 | 0.32 | 0.45 | 0.07 | 0.08 | 0.09 | 0.17 | 0.03 | 0.09 |
| Siwaliks Y0251 | MN9 | 13 | 0.60 | 0.97 | 0.97 | 0.84 | 0.30 | 0.39 | 0.90 | 0.60 | 0.30 | 0.92 | 0.70 | 0.26 | 0.74 | 0.14 | 0.61 | 0.27 | 0.65 | 0.75 | 0.38 | 0.33 | 0.23 | 0.42 |
| Siwaliks Y0311 | MN9 | 41 | 0.91 | 0.75 | 0.87 | 0.87 | 0.47 | 0.18 | 0.79 | 0.10 | 0.12 | 0.64 | 0.38 | 0.17 | 0.38 | 0.09 | 0.54 | 0.11 | 0.34 | 0.26 | 0.04 | 0.15 | 0.15 | 0.64 |
| Siwaliks Y0596 | MN9 | 6 | 0.36 | 0.84 | 0.34 | 0.34 | 0.41 | 0.29 | 0.85 | 0.14 | 0.25 | 0.27 | 0.56 | 0.22 | 0.89 | 0.74 | 0.37 | 0.40 | 0.26 | 0.62 | 0.28 | 0.43 | 0.21 | 0.27 |
| Siwaliks Y0258 | MN9 | 12 | 0.93 | 0.69 | 0.91 | 0.64 | 0.34 | 0.49 | 0.93 | 0.51 | 0.42 | 0.81 | 0.60 | 0.69 | 0.33 | 0.17 | 0.26 | 0.32 | 0.78 | 0.65 | 0.14 | 0.35 | 0.35 | 0.51 |
| Damiao 02 | MN9 | 6 | 0.34 | 0.33 | 0.33 | 0.32 | 0.39 | 0.24 | 0.34 | 0.11 | 0.21 | 0.24 | 0.15 | 0.20 | 0.39 | 0.27 | 0.34 | 0.38 | 0.22 | 0.17 | 0.25 | 0.40 | 0.19 | 0.25 |
| Lantian-Shuijiazui | MN9 | 10 | 1.00 | 0.99 | 0.92 | 1.00 | 0.81 | 0.99 | 0.99 | 0.94 | 0.99 | 0.86 | 0.85 | 0.72 | 0.81 | 0.57 | 0.28 | 0.97 | 0.80 | 0.89 | 0.56 | 0.36 | 0.41 | 0.56 |
| Lantian-shuijiazui-L1 | MN9 | 8 | 0.96 | 0.96 | 0.77 | 0.99 | 0.86 | 0.89 | 0.97 | 0.66 | 1.00 | 0.63 | 0.74 | 0.53 | 0.85 | 0.66 | 0.32 | 0.99 | 0.62 | 0.79 | 0.61 | 0.40 | 0.50 | 0.66 |
| Lantian-shuijiazui-L4 | MN9 | 5 | 0.97 | 0.83 | 0.83 | 1.00 | 0.90 | 0.96 | 0.98 | 0.82 | 0.92 | 0.72 | 0.57 | 0.65 | 0.39 | 0.76 | 0.36 | 0.99 | 0.71 | 0.60 | 0.73 | 0.41 | 0.63 | 0.76 |
| Lantian-shuijiazui-s4 | MN9 | 5 | 1.00 | 0.98 | 0.98 | 1.00 | 0.91 | 1.00 | 1.00 | 0.82 | 1.00 | 0.73 | 0.87 | 0.91 | 0.41 | 0.77 | 0.37 | 1.00 | 0.94 | 0.88 | 0.72 | 0.43 | 0.62 | 0.74 |
| Middle Sinap | MN9 | 16 | 0.99 | 0.95 | 0.99 | 0.94 | 0.25 | 0.99 | 0.97 | 0.99 | 0.77 | 0.86 | 0.55 | 0.19 | 0.23 | 0.08 | 0.19 | 0.92 | 0.93 | 0.36 | 0.30 | 0.28 | 0.17 | 0.33 |
| Monteagudo (Valles | MN9 | 6 | 0.79 | 0.33 | 0.79 | 1.00 | 0.40 | 0.99 | 1.00 | 1.00 | 0.89 | 0.99 | 0.83 | 0.88 | 0.38 | 0.72 | 0.34 | 0.98 | 0.98 | 0.82 | 0.66 | 0.90 | 0.57 | 0.69 |
| Pentalophos 1 (PNT) | MN9 | 18 | 0.99 | 0.94 | 1.00 | 0.98 | 0.65 | 1.00 | 0.82 | 1.00 | 0.86 | 1.00 | 0.87 | 0.38 | 0.22 | 0.06 | 0.16 | 0.99 | 0.90 | 0.75 | 0.25 | 0.26 | 0.32 | 0.57 |
| S?meg | MN9 | 5 | 0.36 | 0.84 | 0.82 | 0.33 | 0.41 | 0.94 | 0.85 | 0.97 | 0.99 | 0.96 | 0.86 | 0.90 | 0.40 | 0.74 | 0.36 | 0.88 | 0.70 | 0.21 | 0.28 | 0.42 | 0.22 | 0.28 |
| Sant Miquel de Tauc | MN9 | 17 | 0.83 | 0.96 | 0.99 | 1.00 | 0.26 | 0.99 | 0.96 | 1.00 | 0.75 | 1.00 | 0.99 | 0.17 | 0.25 | 0.09 | 0.56 | 0.66 | 0.27 | 0.94 | 0.84 | 0.75 | 0.85 | 0.95 |
| Siwaliks Y0450 | MN9 | 19 | 0.84 | 0.54 | 0.82 | 0.94 | 0.71 | 0.34 | 0.97 | 0.49 | 0.54 | 0.87 | 0.36 | 0.23 | 0.25 | 0.37 | 0.58 | 0.26 | 0.29 | 0.38 | 0.32 | 0.30 | 0.20 | 0.35 |
| Siwaliks L0094 | MN9 | 6 | 0.33 | 0.79 | 0.79 | 0.30 | 0.38 | 0.25 | 0.34 | 0.44 | 0.23 | 0.68 | 0.15 | 0.17 | 0.39 | 0.26 | 0.34 | 0.38 | 0.67 | 0.17 | 0.24 | 0.40 | 0.18 | 0.24 |
| Siwaliks Y0728 | MN9 | 5 | 0.37 | 0.87 | 0.36 | 0.37 | 0.42 | 0.31 | 0.99 | 0.61 | 0.26 | 0.79 | 0.91 | 0.70 | 0.92 | 0.81 | 0.38 | 0.42 | 0.77 | 0.92 | 0.80 | 0.43 | 0.70 | 0.78 |
| Siwaliks Y0572 | MN9 | 5 | 0.36 | 0.35 | 0.35 | 0.34 | 0.41 | 0.29 | 0.98 | 0.49 | 0.25 | 0.74 | 0.56 | 0.65 | 0.40 | 0.76 | 0.37 | 0.41 | 0.69 | 0.60 | 0.73 | 0.42 | 0.62 | 0.75 |
| Siwaliks Y0395 | MN9 | 8 | 0.29 | 0.75 | 0.74 | 0.71 | 0.36 | 0.20 | 0.76 | 0.62 | 0.15 | 0.87 | 0.38 | 0.15 | 0.36 | 0.21 | 0.76 | 0.34 | 0.18 | 0.41 | 0.58 | 0.37 | 0.44 | 0.59 |
| Sinap 108 | MN9 | 6 | 1.00 | 0.35 | 0.34 | 0.97 | 0.91 | 0.74 | 0.84 | 0.50 | 0.24 | 0.72 | 0.88 | 0.65 | 0.39 | 0.30 | 0.36 | 0.88 | 0.26 | 0.88 | 0.74 | 0.91 | 0.89 | 0.94 |
| Sinap 4 | MN9 | 6 | 0.80 | 0.81 | 0.78 | 0.77 | 0.39 | 0.93 | 0.82 | 0.93 | 0.89 | 0.68 | 0.83 | 0.56 | 0.38 | 0.27 | 0.35 | 0.89 | 0.65 | 0.84 | 0.66 | 0.41 | 0.87 | 0.92 |
| Sinap 72 | MN9 | 8 | 1.00 | 0.94 | 0.94 | 0.99 | 0.36 | 1.00 | 1.00 | 0.96 | 0.99 | 0.88 | 0.98 | 0.95 | 0.36 | 0.63 | 0.30 | 0.98 | 0.85 | 0.98 | 0.86 | 0.88 | 0.93 | 0.98 |
| Sinap 91 | MN9 | 7 | 0.96 | 0.76 | 0.75 | 0.95 | 0.87 | 1.00 | 1.00 | 0.98 | 0.97 | 0.89 | 0.77 | 0.52 | 0.38 | 0.69 | 0.31 | 0.98 | 0.61 | 0.46 | 0.62 | 0.38 | 0.49 | 0.65 |
| Sinap 94 | MN9 | 6 | 0.98 | 0.79 | 0.80 | 0.95 | 0.88 | 0.92 | 0.82 | 0.77 | 0.60 | 0.68 | 0.50 | 0.18 | 0.40 | 0.27 | 0.33 | 0.86 | 0.22 | 0.52 | 0.69 | 0.41 | 0.56 | 0.69 |
| Amuwusu | MN9 | 8 | 0.29 | 0.29 | 0.27 | 0.26 | 0.37 | 0.60 | 0.30 | 0.30 | 0.52 | 0.58 | 0.37 | 0.13 | 0.36 | 0.20 | 0.31 | 0.35 | 0.18 | 0.12 | 0.19 | 0.37 | 0.12 | 0.19 |
| Atavaska | MN9 | 9 | 0.71 | 0.26 | 0.69 | 0.68 | 0.33 | 0.84 | 0.72 | 0.94 | 0.47 | 0.86 | 0.33 | 0.41 | 0.32 | 0.58 | 0.28 | 1.00 | 0.95 | 0.35 | 0.17 | 0.36 | 0.11 | 0.18 |
| Atzelsdorf | MN9 | 18 | 0.14 | 0.93 | 0.92 | 0.72 | 0.24 | 0.27 | 0.50 | 0.99 | 0.17 | 0.97 | 0.71 | 0.02 | 0.63 | 0.30 | 0.52 | 0.63 | 0.24 | 0.55 | 0.26 | 0.70 | 0.34 | 0.26 |
| Ballestar | MN9 | 18 | 0.50 | 0.81 | 0.46 | 0.13 | 0.25 | 0.06 | 0.55 | 0.62 | 0.20 | 0.81 | 0.10 | 0.03 | 0.24 | 0.35 | 0.16 | 0.66 | 0.21 | 0.02 | 0.07 | 0.27 | 0.02 | 0.07 |
| Bou Hanifia | MN9 | 14 | 1.00 | 0.85 | 0.96 | 1.00 | 0.75 | 0.67 | 0.98 | 0.31 | 0.56 | 0.37 | 0.86 | 0.52 | 0.26 | 0.11 | 0.58 | 0.99 | 0.86 | 0.88 | 0.67 | 0.32 | 0.74 | 0.88 |
| Braila | MN9 | 5 | 0.35 | 0.35 | 0.33 | 0.32 | 0.91 | 0.28 | 0.36 | 0.52 | 0.25 | 0.73 | 0.17 | 0.22 | 0.41 | 0.30 | 0.36 | 0.89 | 0.94 | 0.20 | 0.73 | 0.42 | 0.63 | 0.73 |
| Buzhor 1 | MN9 | 19 | 0.44 | 0.45 | 0.74 | 0.10 | 0.65 | 0.50 | 0.80 | 0.75 | 0.42 | 0.78 | 0.21 | 0.14 | 0.21 | 0.30 | 0.14 | 0.98 | 0.75 | 0.09 | 0.23 | 0.70 | 0.32 | 0.26 |
| Buzhor 2 | MN9 | 5 | 0.34 | 0.36 | 0.35 | 0.33 | 0.40 | 0.72 | 0.85 | 0.15 | 0.67 | 0.29 | 0.19 | 0.64 | 0.40 | 0.75 | 0.35 | 0.89 | 0.70 | 0.21 | 0.28 | 0.42 | 0.20 | 0.28 |
| Can Poncic | MN9 | 21 | 0.41 | 0.12 | 0.38 | 0.35 | 0.63 | 0.18 | 0.45 | 0.68 | 0.31 | 0.46 | 0.17 | 0.10 | 0.20 | 0.06 | 0.13 | 0.87 | 0.84 | 0.21 | 0.44 | 0.24 | 0.23 | 0.49 |
| Can Ponsic I | MN9 | 31 | 0.54 | 0.79 | 0.92 | 0.47 | 0.50 | 0.26 | 0.61 | 0.97 | 0.34 | 0.96 | 0.31 | 0.03 | 0.12 | 0.02 | 0.31 | 0.92 | 0.44 | 0.19 | 0.48 | 0.17 | 0.24 | 0.52 |
| Charmoille | MN9 | 15 | 0.18 | 0.57 | 0.84 | 0.81 | 0.74 | 0.68 | 0.59 | 0.97 | 0.28 | 0.99 | 0.42 | 0.22 | 0.27 | 0.71 | 0.61 | 0.94 | 0.88 | 0.45 | 0.69 | 0.31 | 0.50 | 0.69 |
| Creu Conill 20 | MN9 | 6 | 0.31 | 0.80 | 0.97 | 0.32 | 0.38 | 0.69 | 0.83 | 0.75 | 0.60 | 0.93 | 0.81 | 0.18 | 0.37 | 0.26 | 0.34 | 0.86 | 0.64 | 0.53 | 0.25 | 0.40 | 0.18 | 0.25 |
| Dinotheriensande | MN9 | 5 | 0.35 | 0.98 | 0.81 | 0.97 | 0.41 | 0.29 | 0.37 | 0.96 | 0.22 | 0.94 | 0.55 | 0.23 | 0.39 | 0.30 | 0.85 | 0.89 | 0.25 | 0.61 | 0.71 | 0.43 | 0.61 | 0.74 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dou?-la-Fontaine | MN9 | 5 | 0.35 | 0.34 | 0.34 | 0.35 | 0.40 | 0.27 | 0.35 | 0.14 | 0.68 | 0.29 | 0.19 | 0.64 | 0.40 | 0.29 | 0.35 | 0.40 | 0.27 | 0.20 | 0.27 | 0.43 | 0.21 | 0.28 |
| EDAR8 | MN9 | 5 | 0.36 | 0.82 | 0.98 | 0.32 | 0.41 | 0.72 | 0.35 | 0.97 | 0.23 | 0.95 | 0.87 | 0.23 | 0.39 | 0.30 | 0.36 | 0.88 | 0.68 | 0.61 | 0.27 | 0.42 | 0.20 | 0.28 |
| Eppelsheim | MN9 | 29 | 0.28 | 0.94 | 0.78 | 0.50 | 0.52 | 0.10 | 0.30 | 0.84 | 0.37 | 0.96 | 0.34 | 0.04 | 0.44 | 0.13 | 0.61 | 0.44 | 0.21 | 0.21 | 0.26 | 0.19 | 0.10 | 0.28 |
| Esme Ak?ak?y | MN9 | 12 | 0.89 | 0.63 | 0.88 | 0.85 | 0.30 | 0.99 | 0.66 | 0.98 | 0.35 | 0.94 | 0.21 | 0.07 | 0.29 | 0.14 | 0.24 | 0.95 | 0.40 | 0.25 | 0.42 | 0.32 | 0.27 | 0.44 |
| Esselborn | MN9 | 11 | 0.24 | 0.69 | 0.64 | 0.90 | 0.35 | 0.15 | 0.70 | 0.91 | 0.42 | 0.82 | 0.28 | 0.09 | 0.31 | 0.16 | 0.70 | 0.77 | 0.14 | 0.31 | 0.50 | 0.35 | 0.36 | 0.51 |
| Estevar | MN9 | 9 | 0.27 | 0.93 | 0.92 | 0.91 | 0.34 | 0.56 | 0.73 | 0.99 | 0.76 | 1.00 | 0.87 | 0.11 | 0.33 | 0.19 | 0.72 | 0.34 | 0.16 | 0.34 | 0.54 | 0.38 | 0.40 | 0.56 |
| Esvres - Upper Falun | MN9 | 6 | 0.80 | 1.00 | 0.97 | 0.96 | 0.40 | 0.25 | 0.33 | 0.76 | 0.20 | 0.92 | 0.97 | 0.20 | 0.38 | 0.26 | 0.81 | 0.37 | 0.66 | 0.86 | 0.92 | 0.40 | 0.86 | 0.93 |
| G?tzendorf | MN9 | 11 | 0.22 | 0.64 | 0.60 | 0.20 | 0.30 | 0.13 | 0.66 | 0.43 | 0.69 | 0.47 | 0.25 | 0.09 | 0.30 | 0.16 | 0.23 | 0.30 | 0.11 | 0.07 | 0.13 | 0.34 | 0.08 | 0.15 |
| Gaiselberg | MN9 | 7 | 0.30 | 0.96 | 1.00 | 0.74 | 0.37 | 0.63 | 0.33 | 0.98 | 0.17 | 1.00 | 0.94 | 0.16 | 0.36 | 0.66 | 0.79 | 0.84 | 0.61 | 0.80 | 0.64 | 0.39 | 0.50 | 0.64 |
| Gau-Weinheim | MN9 | 7 | 0.31 | 0.99 | 0.76 | 0.72 | 0.38 | 0.23 | 0.30 | 0.90 | 0.17 | 0.64 | 0.77 | 0.16 | 0.84 | 0.25 | 0.76 | 0.85 | 0.21 | 0.77 | 0.60 | 0.39 | 0.52 | 0.64 |
| Guonigou | MN9 | 10 | 0.75 | 0.28 | 0.27 | 0.93 | 0.35 | 0.88 | 0.75 | 0.63 | 0.81 | 0.59 | 0.09 | 0.80 | 0.34 | 0.62 | 0.28 | 0.98 | 0.56 | 0.12 | 0.19 | 0.38 | 0.13 | 0.20 |
| H?wenegg | MN9 | 8 | 0.28 | 0.96 | 0.99 | 0.71 | 0.83 | 0.59 | 0.29 | 0.96 | 0.15 | 1.00 | 0.91 | 0.13 | 0.35 | 0.64 | 0.74 | 0.82 | 0.84 | 0.75 | 0.86 | 0.37 | 0.75 | 0.87 |
| Hammerschmiede | MN9 | 6 | 0.33 | 0.32 | 0.79 | 0.31 | 0.39 | 0.67 | 0.33 | 0.43 | 0.60 | 0.69 | 0.49 | 0.20 | 0.38 | 0.27 | 0.33 | 0.88 | 0.65 | 0.55 | 0.24 | 0.40 | 0.18 | 0.25 |
| Hostalets de Pierola | MN9 | 18 | 0.15 | 0.80 | 0.79 | 0.12 | 0.24 | 0.29 | 0.54 | 0.63 | 0.50 | 0.84 | 0.50 | 0.15 | 0.23 | 0.08 | 0.18 | 0.65 | 0.52 | 0.33 | 0.07 | 0.26 | 0.16 | 0.29 |
| Kalfa | MN9 | 24 | 0.67 | 0.38 | 0.85 | 0.60 | 0.58 | 0.86 | 0.41 | 0.86 | 0.50 | 0.95 | 0.48 | 0.08 | 0.17 | 0.18 | 0.42 | 0.97 | 0.56 | 0.32 | 0.35 | 0.21 | 0.18 | 0.38 |
| Kishinev | MN9 | 7 | 0.83 | 0.84 | 0.82 | 0.81 | 0.41 | 0.75 | 0.84 | 0.51 | 0.67 | 0.28 | 0.57 | 0.23 | 0.40 | 0.28 | 0.36 | 0.91 | 0.26 | 0.60 | 0.74 | 0.41 | 0.61 | 0.72 |
| Kulanutpes | MN9 | 5 | 0.35 | 0.35 | 0.34 | 0.32 | 0.41 | 0.74 | 0.84 | 0.83 | 0.66 | 0.28 | 0.18 | 0.65 | 0.40 | 0.75 | 0.35 | 0.99 | 0.71 | 0.20 | 0.27 | 0.42 | 0.22 | 0.28 |
| Lantian-12 | MN9 | 8 | 0.76 | 0.77 | 0.76 | 0.73 | 0.37 | 0.99 | 0.97 | 0.70 | 1.00 | 0.63 | 0.75 | 0.83 | 0.36 | 0.67 | 0.32 | 0.85 | 0.89 | 0.79 | 0.22 | 0.39 | 0.13 | 0.23 |
| Los Valles de Fuentid | MN9 | 22 | 0.11 | 0.12 | 0.43 | 0.10 | 0.61 | 0.49 | 0.78 | 0.70 | 0.83 | 0.75 | 0.18 | 0.57 | 0.20 | 0.25 | 0.13 | 0.86 | 0.87 | 0.24 | 0.19 | 0.26 | 0.28 | 0.53 |
| Melchingen | MN9 | 6 | 0.33 | 0.80 | 0.32 | 0.29 | 0.39 | 0.25 | 0.33 | 0.94 | 0.63 | 0.26 | 0.51 | 0.20 | 0.86 | 0.26 | 0.35 | 0.38 | 0.24 | 0.55 | 0.24 | 0.39 | 0.17 | 0.25 |
| Milestii Mici | MN9 | 5 | 0.36 | 0.35 | 0.33 | 0.35 | 0.90 | 0.29 | 0.35 | 0.48 | 0.23 | 0.74 | 0.19 | 0.22 | 0.39 | 0.29 | 0.35 | 0.89 | 0.94 | 0.19 | 0.70 | 0.43 | 0.64 | 0.73 |
| Nombrevilla | MN9 | 11 | 0.25 | 0.67 | 0.68 | 0.23 | 0.81 | 0.17 | 0.27 | 0.77 | 0.11 | 0.50 | 0.27 | 0.09 | 0.32 | 0.17 | 0.27 | 0.78 | 0.45 | 0.08 | 0.14 | 0.34 | 0.09 | 0.15 |
| Nombrevilla-1 | MN9 | 11 | 0.24 | 0.68 | 0.65 | 0.62 | 0.34 | 0.16 | 0.28 | 0.76 | 0.11 | 0.81 | 0.28 | 0.09 | 0.30 | 0.18 | 0.26 | 0.31 | 0.13 | 0.07 | 0.15 | 0.35 | 0.09 | 0.17 |
| Oshin-II-5 upper | MN9 | 9 | 0.94 | 0.94 | 0.94 | 0.99 | 0.35 | 1.00 | 1.00 | 0.97 | 0.96 | 0.86 | 0.71 | 0.79 | 0.35 | 0.62 | 0.29 | 0.81 | 0.96 | 0.75 | 0.55 | 0.88 | 0.45 | 0.59 |
| Otovasca | MN9 | 5 | 0.34 | 0.34 | 0.33 | 0.33 | 0.90 | 0.28 | 0.37 | 0.52 | 0.25 | 0.72 | 0.17 | 0.23 | 0.39 | 0.30 | 0.37 | 0.89 | 0.94 | 0.20 | 0.74 | 0.41 | 0.62 | 0.74 |
| Petersbuch 14 | MN9 | 5 | 0.35 | 0.34 | 0.36 | 0.32 | 0.40 | 0.73 | 0.35 | 0.83 | 0.23 | 0.72 | 0.17 | 0.22 | 0.39 | 0.29 | 0.36 | 0.40 | 0.25 | 0.20 | 0.28 | 0.42 | 0.21 | 0.26 |
| Polin?a 2 | MN9 | 5 | 0.36 | 0.83 | 0.81 | 0.81 | 0.41 | 0.28 | 0.37 | 0.96 | 0.24 | 0.95 | 0.57 | 0.21 | 0.39 | 0.28 | 0.36 | 0.40 | 0.26 | 0.20 | 0.28 | 0.42 | 0.21 | 0.29 |
| Qaidam-Tuosu | MN9 | 13 | 0.60 | 0.19 | 0.57 | 0.85 | 0.29 | 0.98 | 0.88 | 0.93 | 0.95 | 1.00 | 0.43 | 0.58 | 0.28 | 0.76 | 0.20 | 0.73 | 0.67 | 0.23 | 0.10 | 0.32 | 0.06 | 0.11 |
| Santiga (Sabadell) | MN9 | 16 | 0.19 | 1.00 | 0.96 | 0.50 | 0.75 | 0.37 | 0.20 | 0.77 | 0.06 | 0.97 | 0.67 | 0.05 | 0.28 | 0.12 | 0.59 | 0.72 | 0.62 | 0.45 | 0.66 | 0.32 | 0.48 | 0.70 |
| Subsol de Sabadell | MN9 | 13 | 0.21 | 0.88 | 0.97 | 0.85 | 0.29 | 0.42 | 0.62 | 1.00 | 0.31 | 1.00 | 0.68 | 0.06 | 0.28 | 0.12 | 0.62 | 0.73 | 0.34 | 0.47 | 0.38 | 0.31 | 0.24 | 0.41 |
| Teuleria del Firal | MN9 | 15 | 0.17 | 0.83 | 0.50 | 0.51 | 0.27 | 0.35 | 0.56 | 0.90 | 0.76 | 0.97 | 0.33 | 0.19 | 0.25 | 0.38 | 0.19 | 0.26 | 0.07 | 0.03 | 0.08 | 0.30 | 0.04 | 0.10 |
| V?sendorf | MN9 | 9 | 0.28 | 0.95 | 0.99 | 0.71 | 0.37 | 0.89 | 0.76 | 1.00 | 0.80 | 1.00 | 0.98 | 0.14 | 0.34 | 0.22 | 0.75 | 0.81 | 0.54 | 0.75 | 0.57 | 0.38 | 0.43 | 0.59 |
| Varnitsa | MN9 | 9 | 0.99 | 0.72 | 0.92 | 0.99 | 0.34 | 1.00 | 0.99 | 0.82 | 0.93 | 0.98 | 0.63 | 0.41 | 0.33 | 0.58 | 0.28 | 1.00 | 0.50 | 0.68 | 0.86 | 0.86 | 0.71 | 0.86 |
| Wartenberg | MN9 | 9 | 0.72 | 0.95 | 0.28 | 0.24 | 0.36 | 0.20 | 0.31 | 0.32 | 0.16 | 0.20 | 0.36 | 0.13 | 0.84 | 0.21 | 0.29 | 0.83 | 0.18 | 0.42 | 0.19 | 0.38 | 0.14 | 0.20 |
| Westhofen | MN9 | 6 | 0.33 | 0.79 | 0.79 | 0.96 | 0.40 | 0.24 | 0.33 | 0.73 | 0.21 | 0.92 | 0.49 | 0.19 | 0.38 | 0.68 | 0.83 | 0.38 | 0.24 | 0.53 | 0.67 | 0.41 | 0.57 | 0.70 |
| Wissberg | MN9 | 18 | 0.15 | 0.80 | 0.46 | 0.73 | 0.25 | 0.07 | 0.52 | 0.39 | 0.18 | 0.59 | 0.09 | 0.03 | 0.24 | 0.33 | 0.51 | 0.23 | 0.05 | 0.11 | 0.28 | 0.27 | 0.16 | 0.29 |
| Siwaliks Y0454 | MN9 | 9 | 0.76 | 0.30 | 0.30 | 0.74 | 0.38 | 0.23 | 0.77 | 0.39 | 0.17 | 0.64 | 0.77 | 0.52 | 0.36 | 0.68 | 0.32 | 0.36 | 0.89 | 0.79 | 0.89 | 0.39 | 0.81 | 0.92 |
| Siwaliks Y0259 | MN9 | 11 | 0.27 | 0.27 | 0.24 | 0.24 | 0.35 | 0.17 | 0.74 | 0.24 | 0.14 | 0.54 | 0.30 | 0.74 | 0.33 | 0.57 | 0.27 | 0.33 | 0.50 | 0.38 | 0.84 | 0.37 | 0.72 | 0.85 |
| Sevastopol (Sebasto | MN9 | 14 | 0.85 | 0.86 | 0.96 | 0.96 | 0.27 | 0.99 | 0.97 | 0.90 | 0.94 | 0.99 | 0.94 | 0.24 | 0.27 | 0.12 | 0.19 | 0.72 | 0.33 | 0.70 | 0.67 | 0.76 | 0.48 | 0.67 |
| Siwaliks Y0779 | MN9 | 5 | 0.82 | 0.35 | 0.34 | 0.80 | 0.90 | 0.74 | 0.36 | 0.84 | 0.24 | 0.95 | 0.18 | 0.22 | 0.40 | 0.29 | 0.36 | 0.40 | 0.28 | 0.19 | 0.27 | 0.42 | 0.21 | 0.28 |
| Zheltokamenka | MN9 | 6 | 0.32 | 0.79 | 0.78 | 0.32 | 0.38 | 0.24 | 0.33 | 0.93 | 0.20 | 0.68 | 0.49 | 0.19 | 0.39 | 0.26 | 0.34 | 0.87 | 0.23 | 0.18 | 0.23 | 0.40 | 0.19 | 0.25 |
| Can Missert | MN9 | 6 | 0.34 | 0.33 | 0.77 | 0.78 | 0.39 | 0.66 | 0.32 | 0.93 | 0.21 | 0.93 | 0.51 | 0.19 | 0.38 | 0.27 | 0.34 | 0.86 | 0.65 | 0.54 | 0.23 | 0.40 | 0.19 | 0.25 |
| Castell de Barber? | MN9 | 23 | 0.39 | 0.97 | 0.97 | 0.65 | 0.20 | 0.45 | 0.73 | 0.64 | 0.58 | 0.96 | 0.54 | 0.09 | 0.18 | 0.05 | 0.42 | 0.86 | 0.14 | 0.39 | 0.45 | 0.22 | 0.22 | 0.45 |
| Massenhausen | MN9 | 14 | 0.20 | 0.97 | 0.59 | 0.85 | 0.76 | 0.10 | 0.21 | 0.34 | 0.07 | 0.98 | 0.45 | 0.06 | 0.74 | 0.13 | 0.63 | 0.28 | 0.34 | 0.48 | 0.69 | 0.31 | 0.53 | 0.69 |
| Siwaliks Y0797 | MN9 | 8 | 0.29 | 0.31 | 0.29 | 0.27 | 0.37 | 0.23 | 0.77 | 0.38 | 0.17 | 0.63 | 0.44 | 0.52 | 0.37 | 0.91 | 0.31 | 0.37 | 0.60 | 0.44 | 0.64 | 0.39 | 0.49 | 0.64 |
| Siwaliks Y0076 | MN7/8 | 36 | 0.30 | 0.84 | 0.79 | 0.24 | 0.17 | 0.11 | 0.33 | 0.09 | 0.06 | 0.53 | 0.35 | 0.13 | 0.48 | 0.36 | 0.32 | 0.46 | 0.44 | 0.40 | 0.27 | 0.19 | 0.12 | 0.28 |
| Siwaliks Y0061 | MN7/8 | 5 | 0.34 | 0.37 | 0.34 | 0.34 | 0.41 | 0.28 | 0.84 | 0.49 | 0.25 | 0.74 | 0.56 | 0.63 | 0.40 | 0.77 | 0.37 | 0.39 | 0.68 | 0.60 | 0.72 | 0.41 | 0.63 | 0.73 |
| Siwaliks Y0495 | MN7/8 | 11 | 0.25 | 0.68 | 0.22 | 0.20 | 0.34 | 0.16 | 0.26 | 0.21 | 0.11 | 0.50 | 0.28 | 0.10 | 0.79 | 0.53 | 0.25 | 0.31 | 0.13 | 0.31 | 0.15 | 0.35 | 0.09 | 0.16 |
| Siwaliks Y0504 | MN7/8 | 20 | 0.17 | 0.81 | 0.48 | 0.45 | 0.25 | 0.08 | 0.56 | 0.22 | 0.05 | 0.61 | 0.56 | 0.19 | 0.67 | 0.66 | 0.54 | 0.27 | 0.26 | 0.61 | 0.60 | 0.28 | 0.40 | 0.62 |
| Siwaliks Y0735 | MN7/8 | 7 | 0.30 | 0.78 | 0.29 | 0.29 | 0.37 | 0.23 | 0.32 | 0.37 | 0.18 | 0.65 | 0.45 | 0.16 | 0.84 | 0.24 | 0.31 | 0.37 | 0.18 | 0.48 | 0.22 | 0.39 | 0.14 | 0.22 |
| Barranc de Can Vila | MN7/8 | 8 | 0.29 | 0.74 | 0.70 | 0.71 | 0.36 | 0.21 | 0.29 | 0.64 | 0.16 | 0.59 | 0.37 | 0.14 | 0.34 | 0.22 | 0.77 | 0.35 | 0.18 | 0.44 | 0.59 | 0.36 | 0.46 | 0.59 |
| Anwil | MN7/8 | 20 | 0.44 | 0.12 | 0.10 | 0.40 | 0.23 | 0.04 | 0.13 | 0.10 | 0.03 | 0.24 | 0.05 | 0.02 | 0.20 | 0.06 | 0.14 | 0.19 | 0.17 | 0.08 | 0.21 | 0.26 | 0.09 | 0.23 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Can Almirall | MN7/8 | 5 | 0.35 | 0.83 | 0.82 | 0.33 | 0.41 | 0.74 | 0.36 | 0.52 | 0.24 | 0.74 | 0.57 | 0.21 | 0.39 | 0.30 | 0.36 | 0.89 | 0.71 | 0.60 | 0.28 | 0.42 | 0.22 | 0.28 |
| Can Feliu | MN7/8 | 6 | 0.34 | 0.81 | 0.79 | 0.78 | 0.39 | 0.25 | 0.34 | 0.44 | 0.20 | 0.69 | 0.51 | 0.19 | 0.38 | 0.26 | 0.81 | 0.38 | 0.23 | 0.56 | 0.68 | 0.41 | 0.57 | 0.68 |
| Chiang Muan | MN7/8 | 8 | 0.29 | 0.30 | 0.31 | 0.75 | 0.38 | 0.22 | 0.80 | 0.68 | 0.54 | 0.90 | 0.13 | 0.16 | 0.36 | 0.24 | 0.32 | 0.36 | 0.19 | 0.13 | 0.20 | 0.40 | 0.14 | 0.20 |
| Collet-Redon | MN7/8 | 7 | 0.76 | 0.97 | 0.28 | 0.73 | 0.37 | 0.22 | 0.32 | 0.67 | 0.18 | 0.22 | 0.77 | 0.18 | 0.85 | 0.23 | 0.31 | 0.37 | 0.63 | 0.79 | 0.63 | 0.40 | 0.51 | 0.62 |
| Dang Valley | MN7/8 | 10 | 0.27 | 0.99 | 0.68 | 0.66 | 0.34 | 0.17 | 0.73 | 0.54 | 0.46 | 0.84 | 0.86 | 0.76 | 0.83 | 0.57 | 0.73 | 0.32 | 0.53 | 0.90 | 0.84 | 0.37 | 0.72 | 0.84 |
| Escobosa de Calata? | MN7/8 | 10 | 0.26 | 0.25 | 0.26 | 0.25 | 0.34 | 0.56 | 0.29 | 0.83 | 0.47 | 0.56 | 0.31 | 0.13 | 0.32 | 0.21 | 0.27 | 0.33 | 0.15 | 0.09 | 0.17 | 0.36 | 0.11 | 0.18 |
| Fangxian | MN7/8 | 5 | 0.36 | 0.35 | 0.36 | 0.33 | 0.40 | 0.28 | 0.35 | 0.51 | 0.24 | 0.27 | 0.18 | 0.22 | 0.40 | 0.27 | 0.37 | 0.89 | 0.26 | 0.19 | 0.27 | 0.43 | 0.22 | 0.28 |
| Helsighausen | MN7/8 | 9 | 0.27 | 0.72 | 0.25 | 0.24 | 0.36 | 0.16 | 0.28 | 0.25 | 0.14 | 0.16 | 0.08 | 0.12 | 0.33 | 0.21 | 0.28 | 0.32 | 0.15 | 0.10 | 0.16 | 0.37 | 0.11 | 0.18 |
| Hostalets de Pierola | MN7/8 | 29 | 0.27 | 0.83 | 0.83 | 0.80 | 0.16 | 0.32 | 0.65 | 0.44 | 0.20 | 0.77 | 0.18 | 0.04 | 0.15 | 0.03 | 0.35 | 0.82 | 0.09 | 0.24 | 0.55 | 0.19 | 0.31 | 0.58 |
| Junggar-duolebulejir | MN7/8 | 9 | 0.26 | 0.94 | 0.25 | 0.25 | 0.36 | 0.55 | 0.27 | 0.05 | 0.46 | 0.17 | 0.33 | 0.13 | 0.80 | 0.56 | 0.28 | 0.32 | 0.15 | 0.36 | 0.53 | 0.35 | 0.10 | 0.17 |
| Kaiyuan-Xiaolongtar | MN7/8 | 6 | 0.33 | 0.32 | 0.31 | 0.77 | 0.40 | 0.24 | 0.81 | 0.76 | 0.62 | 0.68 | 0.14 | 0.18 | 0.37 | 0.27 | 0.34 | 0.87 | 0.23 | 0.15 | 0.24 | 0.41 | 0.18 | 0.24 |
| Klein Hadersdorf | MN7/8 | 7 | 0.30 | 0.31 | 0.29 | 0.29 | 0.38 | 0.23 | 0.32 | 0.09 | 0.17 | 0.21 | 0.13 | 0.17 | 0.37 | 0.24 | 0.32 | 0.36 | 0.20 | 0.14 | 0.22 | 0.38 | 0.15 | 0.23 |
| Kutsaj M | MN7/8 | 5 | 0.83 | 0.35 | 0.82 | 0.81 | 0.42 | 0.73 | 0.85 | 0.83 | 0.68 | 0.72 | 0.57 | 0.64 | 0.40 | 0.30 | 0.37 | 0.40 | 0.69 | 0.61 | 0.28 | 0.40 | 0.22 | 0.27 |
| La Cisterniga | MN7/8 | 5 | 0.36 | 0.84 | 0.83 | 0.81 | 0.42 | 0.27 | 0.36 | 0.53 | 0.24 | 0.71 | 0.56 | 0.23 | 0.42 | 0.29 | 0.85 | 0.40 | 0.25 | 0.60 | 0.75 | 0.42 | 0.65 | 0.74 |
| La Grive L3 | MN7/8 | 30 | 0.06 | 0.83 | 0.26 | 0.23 | 0.15 | 0.02 | 0.08 | 0.09 | 0.06 | 0.12 | 0.02 | 0.04 | 0.14 | 0.02 | 0.34 | 0.15 | 0.01 | 0.02 | 0.09 | 0.18 | 0.03 | 0.13 |
| La Grive L5 | MN7/8 | 30 | 0.07 | 0.61 | 0.27 | 0.23 | 0.53 | 0.02 | 0.09 | 0.25 | 0.00 | 0.12 | 0.02 | 0.01 | 0.14 | 0.03 | 0.33 | 0.13 | 0.02 | 0.03 | 0.12 | 0.19 | 0.04 | 0.13 |
| La Grive L7 | MN7/8 | 30 | 0.07 | 0.07 | 0.07 | 0.05 | 0.15 | 0.02 | 0.07 | 0.09 | 0.05 | 0.02 | 0.00 | 0.00 | 0.14 | 0.03 | 0.09 | 0.13 | 0.01 | 0.00 | 0.02 | 0.19 | 0.01 | 0.02 |
| La Grive M | MN7/8 | 32 | 0.07 | 0.28 | 0.06 | 0.05 | 0.16 | 0.01 | 0.07 | 0.07 | 0.06 | 0.02 | 0.01 | 0.03 | 0.48 | 0.02 | 0.07 | 0.46 | 0.01 | 0.02 | 0.01 | 0.18 | 0.00 | 0.02 |
| La Grive PB A | MN7/8 | 22 | 0.10 | 0.89 | 0.09 | 0.09 | 0.60 | 0.04 | 0.11 | 0.22 | 0.12 | 0.18 | 0.04 | 0.09 | 0.57 | 0.05 | 0.12 | 0.18 | 0.03 | 0.05 | 0.05 | 0.23 | 0.02 | 0.04 |
| La Grive PB J | MN7/8 | 12 | 0.24 | 0.65 | 0.62 | 0.60 | 0.32 | 0.13 | 0.24 | 0.18 | 0.10 | 0.46 | 0.25 | 0.08 | 0.31 | 0.15 | 0.65 | 0.31 | 0.11 | 0.28 | 0.46 | 0.33 | 0.31 | 0.48 |
| La Grive St. Alban | MN7/8 | 59 | 0.08 | 0.74 | 0.21 | 0.05 | 0.05 | 0.00 | 0.02 | 0.00 | 0.02 | 0.05 | 0.00 | 0.00 | 0.22 | 0.00 | 0.11 | 0.05 | 0.01 | 0.01 | 0.01 | 0.09 | 0.00 | 0.01 |
| Lintong-lengshuigou | MN7/8 | 9 | 0.75 | 0.74 | 0.71 | 0.72 | 0.37 | 0.59 | 0.75 | 0.28 | 0.52 | 0.19 | 0.39 | 0.14 | 0.34 | 0.21 | 0.30 | 0.83 | 0.17 | 0.39 | 0.57 | 0.38 | 0.44 | 0.61 |
| Malartic | MN7/8 | 6 | 0.33 | 0.79 | 0.32 | 0.30 | 0.38 | 0.25 | 0.33 | 0.44 | 0.21 | 0.25 | 0.52 | 0.19 | 0.88 | 0.26 | 0.32 | 0.86 | 0.22 | 0.54 | 0.24 | 0.40 | 0.18 | 0.25 |
| Mannersdorf | MN7/8 | 6 | 0.32 | 1.00 | 0.97 | 0.96 | 0.38 | 0.26 | 0.34 | 0.94 | 0.23 | 0.99 | 0.83 | 0.20 | 0.37 | 0.27 | 0.82 | 0.37 | 0.23 | 0.53 | 0.67 | 0.40 | 0.57 | 0.69 |
| Masquefa | MN7/8 | 5 | 0.34 | 0.98 | 0.83 | 0.32 | 0.41 | 0.73 | 0.36 | 0.51 | 0.23 | 0.75 | 0.86 | 0.22 | 0.90 | 0.30 | 0.37 | 0.89 | 0.70 | 0.88 | 0.29 | 0.42 | 0.20 | 0.27 |
| Minhe-lierbao | MN7/8 | 5 | 0.36 | 0.84 | 0.34 | 0.33 | 0.41 | 0.27 | 0.35 | 0.15 | 0.24 | 0.28 | 0.18 | 0.23 | 0.39 | 0.27 | 0.37 | 0.39 | 0.27 | 0.20 | 0.27 | 0.42 | 0.21 | 0.28 |
| Nombrevilla-2 | MN7/8 | 8 | 0.29 | 0.29 | 0.28 | 0.26 | 0.36 | 0.21 | 0.28 | 0.07 | 0.14 | 0.21 | 0.10 | 0.13 | 0.36 | 0.22 | 0.28 | 0.33 | 0.18 | 0.11 | 0.18 | 0.36 | 0.13 | 0.20 |
| Petersbuch 6 | MN7/8 | 8 | 0.29 | 0.28 | 0.27 | 0.26 | 0.36 | 0.62 | 0.30 | 0.62 | 0.82 | 0.58 | 0.11 | 0.45 | 0.36 | 0.20 | 0.31 | 0.34 | 0.16 | 0.11 | 0.20 | 0.38 | 0.13 | 0.21 |
| Poudenas-Cayron | MN7/8 | 9 | 0.71 | 0.27 | 0.26 | 0.68 | 0.34 | 0.16 | 0.26 | 0.57 | 0.12 | 0.56 | 0.31 | 0.13 | 0.33 | 0.57 | 0.29 | 0.81 | 0.50 | 0.34 | 0.54 | 0.35 | 0.39 | 0.54 |
| Przeworno 2 | MN7/8 | 7 | 0.29 | 0.77 | 0.30 | 0.28 | 0.38 | 0.22 | 0.30 | 0.38 | 0.17 | 0.63 | 0.45 | 0.16 | 0.86 | 0.25 | 0.32 | 0.36 | 0.19 | 0.46 | 0.22 | 0.39 | 0.14 | 0.24 |
| Saint-Gaudens (Vale | MN7/8 | 10 | 0.66 | 0.91 | 0.65 | 0.91 | 0.33 | 0.15 | 0.70 | 0.74 | 0.42 | 0.96 | 0.59 | 0.10 | 0.33 | 0.18 | 0.69 | 0.77 | 0.47 | 0.64 | 0.78 | 0.36 | 0.68 | 0.82 |
| Sant Quirze | MN7/8 | 26 | 0.08 | 0.67 | 0.61 | 0.58 | 0.19 | 0.14 | 0.39 | 0.68 | 0.06 | 0.94 | 0.10 | 0.01 | 0.17 | 0.03 | 0.35 | 0.51 | 0.11 | 0.12 | 0.11 | 0.19 | 0.05 | 0.15 |
| Saricay | MN7/8 | 7 | 0.29 | 0.75 | 0.74 | 0.76 | 0.37 | 0.64 | 0.31 | 0.37 | 0.18 | 0.64 | 0.11 | 0.15 | 0.35 | 0.23 | 0.32 | 0.36 | 0.19 | 0.13 | 0.22 | 0.38 | 0.15 | 0.23 |
| Sofca | MN7/8 | 19 | 0.94 | 0.77 | 0.92 | 0.98 | 0.23 | 0.93 | 0.79 | 0.73 | 0.39 | 0.98 | 0.67 | 0.34 | 0.62 | 0.06 | 0.15 | 0.63 | 0.19 | 0.73 | 0.22 | 0.27 | 0.32 | 0.53 |
| Solera | MN7/8 | 5 | 0.38 | 0.38 | 0.36 | 0.35 | 0.43 | 0.31 | 0.38 | 0.59 | 0.28 | 0.31 | 0.23 | 0.26 | 0.42 | 0.33 | 0.38 | 0.42 | 0.30 | 0.23 | 0.29 | 0.44 | 0.26 | 0.32 |
| Steinheim | MN7/8 | 36 | 0.26 | 0.52 | 0.05 | 0.04 | 0.14 | 0.01 | 0.06 | 0.05 | 0.04 | 0.09 | 0.00 | 0.00 | 0.41 | 0.02 | 0.06 | 0.13 | 0.01 | 0.01 | 0.01 | 0.17 | 0.00 | 0.01 |
| Toril 3A | MN7/8 | 22 | 0.11 | 0.42 | 0.11 | 0.10 | 0.23 | 0.05 | 0.12 | 0.11 | 0.12 | 0.05 | 0.01 | 0.02 | 0.22 | 0.06 | 0.14 | 0.19 | 0.03 | 0.01 | 0.04 | 0.24 | 0.01 | 0.05 |
| Toril 3B | MN7/8 | 13 | 0.22 | 0.61 | 0.20 | 0.20 | 0.30 | 0.14 | 0.21 | 0.40 | 0.09 | 0.12 | 0.04 | 0.07 | 0.29 | 0.14 | 0.24 | 0.29 | 0.09 | 0.06 | 0.12 | 0.33 | 0.07 | 0.11 |
| Tunggur- ALU | MN7/8 | 12 | 0.25 | 0.64 | 0.62 | 0.21 | 0.34 | 0.51 | 0.25 | 0.04 | 0.67 | 0.47 | 0.06 | 0.33 | 0.30 | 0.15 | 0.25 | 0.30 | 0.40 | 0.06 | 0.13 | 0.34 | 0.08 | 0.14 |
| Tunggur- DA | MN7/8 | 5 | 0.36 | 0.36 | 0.35 | 0.32 | 0.41 | 0.28 | 0.36 | 0.16 | 0.24 | 0.27 | 0.18 | 0.22 | 0.39 | 0.30 | 0.36 | 0.40 | 0.25 | 0.19 | 0.27 | 0.42 | 0.20 | 0.27 |
| Tunggur- HU | MN7/8 | 12 | 0.22 | 0.21 | 0.20 | 0.18 | 0.31 | 0.13 | 0.24 | 0.36 | 0.67 | 0.12 | 0.21 | 0.07 | 0.29 | 0.48 | 0.23 | 0.73 | 0.10 | 0.24 | 0.12 | 0.32 | 0.07 | 0.13 |
| Tunggur- MC | MN7/8 | 6 | 0.33 | 0.33 | 0.33 | 0.29 | 0.40 | 0.67 | 0.33 | 0.11 | 0.89 | 0.66 | 0.15 | 0.19 | 0.37 | 0.28 | 0.33 | 0.38 | 0.24 | 0.17 | 0.24 | 0.41 | 0.17 | 0.25 |
| Tunggur- MOII | MN7/8 | 6 | 0.33 | 0.33 | 0.33 | 0.32 | 0.40 | 0.24 | 0.34 | 0.12 | 0.21 | 0.25 | 0.14 | 0.20 | 0.37 | 0.28 | 0.33 | 0.37 | 0.22 | 0.15 | 0.23 | 0.41 | 0.18 | 0.26 |
| Tunggur- TMS | MN7/8 | 6 | 0.32 | 0.34 | 0.31 | 0.30 | 0.38 | 0.68 | 0.34 | 0.11 | 0.63 | 0.68 | 0.13 | 0.18 | 0.38 | 0.27 | 0.34 | 0.38 | 0.22 | 0.15 | 0.25 | 0.40 | 0.18 | 0.25 |
| Tunggur- ZH | MN7/8 | 7 | 0.31 | 0.30 | 0.29 | 0.28 | 0.38 | 0.23 | 0.31 | 0.10 | 0.58 | 0.22 | 0.12 | 0.16 | 0.36 | 0.25 | 0.32 | 0.36 | 0.20 | 0.12 | 0.22 | 0.39 | 0.14 | 0.21 |
| Tunggur-AC | MN7/8 | 6 | 0.32 | 0.80 | 0.78 | 0.32 | 0.40 | 0.25 | 0.34 | 0.12 | 0.20 | 0.25 | 0.15 | 0.19 | 0.39 | 0.26 | 0.34 | 0.37 | 0.65 | 0.17 | 0.23 | 0.39 | 0.18 | 0.25 |
| Tunggur-Moergen | MN7/8 | 32 | 0.28 | 0.58 | 0.53 | 0.23 | 0.16 | 0.26 | 0.32 | 0.17 | 0.78 | 0.10 | 0.05 | 0.03 | 0.14 | 0.13 | 0.08 | 0.77 | 0.06 | 0.07 | 0.11 | 0.18 | 0.02 | 0.11 |
| Tunggur-WC | MN7/8 | 14 | 0.60 | 0.88 | 0.86 | 0.55 | 0.29 | 0.73 | 0.63 | 0.32 | 0.83 | 0.41 | 0.44 | 0.06 | 0.29 | 0.46 | 0.20 | 0.73 | 0.35 | 0.47 | 0.40 | 0.32 | 0.25 | 0.41 |
| Xinan | MN7/8 | 5 | 0.83 | 0.84 | 0.83 | 0.81 | 0.40 | 0.72 | 0.84 | 0.50 | 0.67 | 0.28 | 0.57 | 0.22 | 0.40 | 0.30 | 0.35 | 0.88 | 0.25 | 0.60 | 0.73 | 0.41 | 0.63 | 0.75 |
| Yeni Eskihisar 1 | MN7/8 | 7 | 0.30 | 0.31 | 0.29 | 0.28 | 0.38 | 0.64 | 0.31 | 0.69 | 0.19 | 0.65 | 0.12 | 0.17 | 0.37 | 0.24 | 0.33 | 0.85 | 0.60 | 0.13 | 0.22 | 0.40 | 0.13 | 0.23 |
| Yeni Eskihisar 2 | MN7/8 | 5 | 0.35 | 0.35 | 0.34 | 0.32 | 0.41 | 0.28 | 0.36 | 0.14 | 0.23 | 0.27 | 0.20 | 0.22 | 0.39 | 0.29 | 0.36 | 0.40 | 0.25 | 0.19 | 0.28 | 0.42 | 0.21 | 0.29 |
| Yenieskihisar | MN7/8 | 6 | 0.33 | 0.81 | 0.78 | 0.31 | 0.39 | 0.24 | 0.35 | 0.12 | 0.20 | 0.24 | 0.15 | 0.18 | 0.38 | 0.25 | 0.34 | 0.38 | 0.66 | 0.16 | 0.25 | 0.41 | 0.18 | 0.25 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daud Khel | MN7/8 | 16 | 0.59 | 0.98 | 0.97 | 0.83 | 0.29 | 0.97 | 0.89 | 0.82 | 0.83 | 0.98 | 0.88 | 0.56 | 0.71 | 0.44 | 0.61 | 0.95 | 0.89 | 0.90 | 0.38 | 0.32 | 0.24 | 0.42 |
| Siwaliks Y0767 | MN7/8 | 8 | 0.28 | 0.73 | 0.27 | 0.26 | 0.37 | 0.22 | 0.29 | 0.07 | 0.15 | 0.21 | 0.38 | 0.13 | 0.82 | 0.61 | 0.29 | 0.34 | 0.19 | 0.40 | 0.19 | 0.37 | 0.13 | 0.19 |
| Siwaliks Y0772 | MN7/8 | 13 | 0.18 | 0.61 | 0.19 | 0.18 | 0.31 | 0.11 | 0.64 | 0.02 | 0.08 | 0.10 | 0.43 | 0.30 | 0.73 | 0.77 | 0.22 | 0.27 | 0.37 | 0.49 | 0.37 | 0.31 | 0.26 | 0.41 |
| Siwaliks Y0494 | MN7/8 | 14 | 0.21 | 0.87 | 0.57 | 0.53 | 0.31 | 0.10 | 0.20 | 0.12 | 0.08 | 0.41 | 0.46 | 0.06 | 0.73 | 0.46 | 0.61 | 0.29 | 0.09 | 0.48 | 0.38 | 0.32 | 0.24 | 0.39 |
| Siwaliks Y0496 | MN7/8 | 25 | 0.14 | 0.76 | 0.42 | 0.39 | 0.22 | 0.05 | 0.46 | 0.15 | 0.04 | 0.54 | 0.46 | 0.13 | 0.62 | 0.57 | 0.47 | 0.20 | 0.20 | 0.48 | 0.51 | 0.24 | 0.31 | 0.53 |
| Siwaliks Y0647 | MN7/8 | 20 | 0.17 | 0.51 | 0.16 | 0.13 | 0.26 | 0.08 | 0.55 | 0.07 | 0.23 | 0.31 | 0.58 | 0.42 | 0.66 | 0.37 | 0.18 | 0.24 | 0.29 | 0.39 | 0.30 | 0.30 | 0.15 | 0.32 |
| Siwaliks Y0695 | MN7/8 | 10 | 0.25 | 0.69 | 0.25 | 0.25 | 0.35 | 0.18 | 0.72 | 0.05 | 0.13 | 0.17 | 0.88 | 0.42 | 0.81 | 0.59 | 0.27 | 0.34 | 0.50 | 0.67 | 0.54 | 0.36 | 0.40 | 0.55 |
| Siwaliks Y0675 | MN6 | 5 | 0.35 | 0.82 | 0.82 | 0.80 | 0.42 | 0.29 | 0.83 | 0.52 | 0.23 | 0.74 | 0.87 | 0.63 | 0.40 | 0.75 | 0.83 | 0.39 | 0.71 | 0.88 | 0.96 | 0.43 | 0.91 | 0.95 |
| Siwaliks Y0714 | MN6 | 5 | 0.34 | 0.84 | 0.34 | 0.32 | 0.42 | 0.28 | 0.83 | 0.16 | 0.23 | 0.28 | 0.86 | 0.65 | 0.90 | 0.76 | 0.36 | 0.39 | 0.71 | 0.88 | 0.72 | 0.43 | 0.62 | 0.73 |
| Siwaliks Y0060 | MN6 | 7 | 0.31 | 0.95 | 0.75 | 0.75 | 0.38 | 0.22 | 0.32 | 0.69 | 0.17 | 0.90 | 0.76 | 0.16 | 0.85 | 0.24 | 0.77 | 0.37 | 0.19 | 0.77 | 0.64 | 0.39 | 0.50 | 0.63 |
| Siwaliks Y0698 | MN6 | 8 | 0.29 | 0.29 | 0.27 | 0.26 | 0.37 | 0.19 | 0.77 | 0.30 | 0.15 | 0.61 | 0.39 | 0.46 | 0.35 | 0.90 | 0.30 | 0.35 | 0.52 | 0.41 | 0.59 | 0.38 | 0.44 | 0.57 |
| Siwaliks Y0710 | MN6 | 5 | 0.34 | 0.36 | 0.35 | 0.33 | 0.40 | 0.28 | 0.84 | 0.15 | 0.25 | 0.30 | 0.56 | 0.62 | 0.40 | 0.76 | 0.36 | 0.40 | 0.71 | 0.61 | 0.72 | 0.40 | 0.63 | 0.73 |
| Beglia | MN6 | 6 | 0.33 | 0.32 | 0.32 | 0.31 | 0.88 | 0.93 | 0.34 | 0.76 | 0.61 | 0.99 | 0.50 | 0.57 | 0.37 | 0.26 | 0.33 | 0.38 | 0.92 | 0.16 | 0.68 | 0.40 | 0.57 | 0.67 |
| Fort Ternan 2 (Serek | MN6 | 8 | 0.29 | 0.96 | 0.94 | 1.00 | 0.37 | 0.60 | 0.30 | 0.86 | 0.16 | 0.98 | 0.38 | 0.14 | 0.33 | 0.62 | 0.75 | 0.34 | 0.18 | 0.41 | 0.58 | 0.39 | 0.44 | 0.57 |
| Nyakach 10 (Kaimog | MN6 | 8 | 0.73 | 0.95 | 0.94 | 0.94 | 0.35 | 0.59 | 0.76 | 0.86 | 0.48 | 0.98 | 0.71 | 0.48 | 0.33 | 0.21 | 0.76 | 0.35 | 0.53 | 0.74 | 0.56 | 0.37 | 0.42 | 0.59 |
| Nyakach 11 (Kaimog | MN6 | 10 | 0.92 | 0.98 | 0.99 | 0.99 | 0.33 | 0.82 | 0.93 | 0.92 | 0.71 | 0.95 | 0.83 | 0.39 | 0.32 | 0.17 | 0.69 | 0.78 | 0.45 | 0.88 | 0.79 | 0.36 | 0.65 | 0.83 |
| Nyakach 19 (Pundo) | MN6 | 6 | 0.33 | 0.98 | 0.78 | 0.77 | 0.39 | 0.24 | 0.33 | 0.43 | 0.21 | 0.69 | 0.81 | 0.19 | 0.85 | 0.27 | 0.82 | 0.38 | 0.23 | 0.85 | 0.68 | 0.41 | 0.56 | 0.69 |
| Nyakach 8 (Kadianga | MN6 | 9 | 0.74 | 0.74 | 0.73 | 0.69 | 0.35 | 0.59 | 0.76 | 0.30 | 0.50 | 0.59 | 0.37 | 0.49 | 0.34 | 0.22 | 0.30 | 0.35 | 0.54 | 0.41 | 0.19 | 0.39 | 0.13 | 0.20 |
| Nyakach 9 (Kaimogo | MN6 | 5 | 0.36 | 0.83 | 0.82 | 0.81 | 0.41 | 0.28 | 0.36 | 0.50 | 0.23 | 0.73 | 0.57 | 0.23 | 0.40 | 0.31 | 0.84 | 0.40 | 0.25 | 0.60 | 0.73 | 0.42 | 0.63 | 0.72 |
| Ramangar | MN6 | 35 | 0.07 | 0.83 | 0.27 | 0.51 | 0.17 | 0.10 | 0.29 | 0.09 | 0.05 | 0.56 | 0.35 | 0.33 | 0.47 | 0.61 | 0.32 | 0.50 | 0.49 | 0.21 | 0.09 | 0.17 | 0.10 | 0.33 |
| Siwaliks Y0726 | MN6 | 5 | 0.84 | 0.36 | 0.81 | 0.81 | 0.40 | 0.72 | 0.86 | 0.83 | 0.68 | 0.95 | 0.57 | 0.64 | 0.40 | 0.28 | 0.36 | 0.40 | 0.72 | 0.61 | 0.27 | 0.41 | 0.21 | 0.28 |
| Siwaliks Y0690 | MN6 | 8 | 0.28 | 0.95 | 0.71 | 0.25 | 0.36 | 0.18 | 0.75 | 0.31 | 0.16 | 0.58 | 0.39 | 0.47 | 0.36 | 0.62 | 0.29 | 0.34 | 0.86 | 0.41 | 0.59 | 0.38 | 0.44 | 0.57 |
| Siwaliks Y0691 | MN6 | 5 | 0.35 | 0.35 | 0.35 | 0.33 | 0.41 | 0.26 | 0.37 | 0.15 | 0.24 | 0.27 | 0.18 | 0.23 | 0.40 | 0.29 | 0.38 | 0.40 | 0.27 | 0.20 | 0.27 | 0.42 | 0.21 | 0.29 |
| Siwaliks Y0711 | MN6 | 5 | 0.35 | 0.35 | 0.33 | 0.33 | 0.41 | 0.27 | 0.37 | 0.16 | 0.25 | 0.27 | 0.19 | 0.21 | 0.40 | 0.29 | 0.36 | 0.40 | 0.28 | 0.21 | 0.27 | 0.42 | 0.21 | 0.29 |
| Mae Moh | MN6 | 9 | 0.68 | 0.71 | 0.24 | 0.68 | 0.36 | 0.18 | 0.28 | 0.05 | 0.12 | 0.19 | 0.32 | 0.12 | 0.33 | 0.20 | 0.26 | 0.34 | 0.48 | 0.34 | 0.53 | 0.37 | 0.41 | 0.56 |
| Catakbagyaka | MN6 | 12 | 0.21 | 0.61 | 0.60 | 0.58 | 0.31 | 0.75 | 0.21 | 0.65 | 0.34 | 0.93 | 0.22 | 0.27 | 0.74 | 0.14 | 0.23 | 0.74 | 0.11 | 0.22 | 0.12 | 0.31 | 0.07 | 0.13 |
| Dev?nsk? Nov? Ves | MN6 | 38 | 0.47 | 0.20 | 0.45 | 0.40 | 0.13 | 0.07 | 0.06 | 0.17 | 0.02 | 0.38 | 0.08 | 0.02 | 0.09 | 0.01 | 0.23 | 0.72 | 0.13 | 0.11 | 0.17 | 0.13 | 0.05 | 0.20 |
| Four | MN6 | 8 | 0.28 | 0.28 | 0.27 | 0.26 | 0.36 | 0.20 | 0.31 | 0.29 | 0.15 | 0.18 | 0.10 | 0.14 | 0.35 | 0.22 | 0.29 | 0.34 | 0.18 | 0.12 | 0.19 | 0.38 | 0.13 | 0.19 |
| Samburu Hills (Aka A | MN6 | 14 | 0.20 | 0.59 | 0.18 | 0.18 | 0.30 | 0.10 | 0.20 | 0.12 | 0.08 | 0.40 | 0.04 | 0.27 | 0.27 | 0.13 | 0.22 | 0.27 | 0.37 | 0.04 | 0.10 | 0.32 | 0.05 | 0.11 |
| Simorre | MN6 | 16 | 0.53 | 0.83 | 0.15 | 0.51 | 0.29 | 0.09 | 0.20 | 0.09 | 0.26 | 0.09 | 0.37 | 0.22 | 0.70 | 0.10 | 0.19 | 0.68 | 0.30 | 0.39 | 0.32 | 0.30 | 0.17 | 0.34 |
| Candir (Loc. 3) | MN6 | 31 | 0.28 | 0.81 | 0.52 | 0.22 | 0.17 | 0.01 | 0.07 | 0.02 | 0.17 | 0.10 | 0.16 | 0.13 | 0.46 | 0.13 | 0.31 | 0.15 | 0.07 | 0.20 | 0.08 | 0.16 | 0.09 | 0.29 |
| Fort Ternan | MN6 | 27 | 0.61 | 0.60 | 0.93 | 0.98 | 0.52 | 0.34 | 0.35 | 0.23 | 0.06 | 0.81 | 0.19 | 0.15 | 0.15 | 0.03 | 0.34 | 0.14 | 0.09 | 0.25 | 0.10 | 0.20 | 0.13 | 0.32 |
| Siwaliks Y0491 | MN6 | 11 | 0.67 | 0.66 | 0.92 | 0.90 | 0.32 | 0.51 | 0.71 | 0.75 | 0.43 | 0.96 | 0.60 | 0.35 | 0.32 | 0.56 | 0.71 | 0.32 | 0.46 | 0.61 | 0.51 | 0.33 | 0.34 | 0.51 |
| Al Jadidah | MN6 | 8 | 0.73 | 1.00 | 0.72 | 0.26 | 0.36 | 0.19 | 0.29 | 0.07 | 0.15 | 0.19 | 0.11 | 0.13 | 0.34 | 0.20 | 0.29 | 0.34 | 0.54 | 0.10 | 0.19 | 0.38 | 0.12 | 0.21 |
| Alhambra-T?neles | MN6 | 9 | 0.71 | 0.70 | 0.22 | 0.66 | 0.36 | 0.19 | 0.27 | 0.05 | 0.14 | 0.17 | 0.35 | 0.12 | 0.33 | 0.20 | 0.26 | 0.33 | 0.50 | 0.36 | 0.53 | 0.38 | 0.40 | 0.55 |
| Arroyo del Val | MN6 | 14 | 0.18 | 0.19 | 0.18 | 0.16 | 0.28 | 0.10 | 0.20 | 0.29 | 0.26 | 0.10 | 0.03 | 0.24 | 0.26 | 0.12 | 0.20 | 0.27 | 0.08 | 0.04 | 0.10 | 0.29 | 0.05 | 0.09 |
| Arroyo del Val VI | MN6 | 5 | 0.36 | 0.34 | 0.34 | 0.33 | 0.42 | 0.28 | 0.36 | 0.50 | 0.22 | 0.29 | 0.18 | 0.21 | 0.39 | 0.30 | 0.35 | 0.39 | 0.25 | 0.19 | 0.27 | 0.44 | 0.22 | 0.30 |
| Beni Mellal | MN6 | 5 | 0.87 | 0.86 | 0.85 | 0.85 | 0.43 | 0.78 | 0.87 | 0.58 | 0.72 | 0.31 | 0.64 | 0.28 | 0.42 | 0.33 | 0.38 | 0.91 | 0.29 | 0.66 | 0.78 | 0.44 | 0.70 | 0.77 |
| Castelnau-d'Arbieu | MN6 | 19 | 0.15 | 0.79 | 0.13 | 0.13 | 0.25 | 0.07 | 0.17 | 0.06 | 0.18 | 0.08 | 0.10 | 0.03 | 0.65 | 0.09 | 0.16 | 0.23 | 0.06 | 0.13 | 0.06 | 0.28 | 0.02 | 0.08 |
| Chatzloch | MN6 | 5 | 0.34 | 0.34 | 0.34 | 0.33 | 0.41 | 0.28 | 0.35 | 0.50 | 0.24 | 0.28 | 0.18 | 0.22 | 0.40 | 0.28 | 0.36 | 0.39 | 0.26 | 0.19 | 0.27 | 0.42 | 0.21 | 0.28 |
| Dev?nsk? Nov? Ves | MN6 | 5 | 0.36 | 0.36 | 0.36 | 0.34 | 0.42 | 0.34 | 0.38 | 0.59 | 0.28 | 0.30 | 0.22 | 0.28 | 0.43 | 0.33 | 0.38 | 0.90 | 0.31 | 0.24 | 0.31 | 0.44 | 0.24 | 0.32 |
| Dev?nsk? Nov? Ves | MN6 | 21 | 0.39 | 0.12 | 0.10 | 0.09 | 0.22 | 0.04 | 0.12 | 0.10 | 0.12 | 0.49 | 0.01 | 0.10 | 0.18 | 0.05 | 0.13 | 0.58 | 0.03 | 0.01 | 0.04 | 0.24 | 0.01 | 0.05 |
| Elgg | MN6 | 5 | 0.84 | 0.36 | 0.34 | 0.81 | 0.40 | 0.27 | 0.36 | 0.49 | 0.24 | 0.28 | 0.57 | 0.24 | 0.40 | 0.30 | 0.34 | 0.91 | 0.71 | 0.59 | 0.71 | 0.41 | 0.62 | 0.74 |
| Gallenbach 2b | MN6 | 7 | 0.30 | 0.31 | 0.29 | 0.28 | 0.38 | 0.22 | 0.32 | 0.34 | 0.18 | 0.23 | 0.13 | 0.17 | 0.36 | 0.23 | 0.33 | 0.37 | 0.21 | 0.14 | 0.22 | 0.38 | 0.15 | 0.23 |
| Gisseltshausen 1a | MN6 | 5 | 0.38 | 0.37 | 0.36 | 0.37 | 0.42 | 0.32 | 0.38 | 0.58 | 0.28 | 0.31 | 0.22 | 0.26 | 0.41 | 0.33 | 0.38 | 0.41 | 0.29 | 0.24 | 0.31 | 0.43 | 0.24 | 0.31 |
| Gisseltshausen 1b | MN6 | 8 | 0.34 | 0.79 | 0.32 | 0.30 | 0.39 | 0.25 | 0.33 | 0.42 | 0.21 | 0.24 | 0.15 | 0.19 | 0.38 | 0.26 | 0.35 | 0.37 | 0.22 | 0.15 | 0.25 | 0.40 | 0.19 | 0.26 |
| Haulies | MN6 | 9 | 0.71 | 0.94 | 0.25 | 0.67 | 0.35 | 0.17 | 0.29 | 0.26 | 0.14 | 0.18 | 0.65 | 0.12 | 0.81 | 0.19 | 0.27 | 0.83 | 0.50 | 0.69 | 0.55 | 0.36 | 0.42 | 0.56 |
| Henares 1 | MN6 | 8 | 0.29 | 0.28 | 0.28 | 0.26 | 0.36 | 0.20 | 0.30 | 0.07 | 0.54 | 0.19 | 0.10 | 0.46 | 0.34 | 0.21 | 0.30 | 0.34 | 0.19 | 0.12 | 0.19 | 0.38 | 0.13 | 0.21 |
| Hezheng-laogou | MN6 | 15 | 0.53 | 0.96 | 0.81 | 0.50 | 0.27 | 0.34 | 0.56 | 0.24 | 0.53 | 0.09 | 0.13 | 0.21 | 0.25 | 0.10 | 0.19 | 0.91 | 0.29 | 0.16 | 0.35 | 0.29 | 0.18 | 0.32 |
| In?n? I (Sinap 24A) | MN6 | 20 | 0.46 | 0.75 | 0.40 | 0.40 | 0.22 | 0.55 | 0.14 | 0.13 | 0.03 | 0.52 | 0.22 | 0.13 | 0.61 | 0.06 | 0.14 | 0.22 | 0.05 | 0.26 | 0.05 | 0.27 | 0.11 | 0.26 |
| Jiulongkou | MN6 | 11 | 0.64 | 0.90 | 0.61 | 0.20 | 0.32 | 0.79 | 0.24 | 0.16 | 0.37 | 0.13 | 0.05 | 0.08 | 0.31 | 0.14 | 0.25 | 0.31 | 0.44 | 0.07 | 0.13 | 0.34 | 0.08 | 0.13 |
| Junggar-Botamoyin | MN6 | 12 | 0.22 | 0.62 | 0.21 | 0.18 | 0.32 | 0.45 | 0.22 | 0.38 | 0.66 | 0.46 | 0.21 | 0.30 | 0.30 | 0.14 | 0.22 | 0.74 | 0.11 | 0.06 | 0.12 | 0.34 | 0.07 | 0.12 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Junggar-chibaerwoy | MN6 | 6 | 0.33 | 0.33 | 0.32 | 0.76 | 0.41 | 0.25 | 0.34 | 0.43 | 0.60 | 0.24 | 0.14 | 0.58 | 0.38 | 0.28 | 0.34 | 0.86 | 0.22 | 0.17 | 0.23 | 0.41 | 0.18 | 0.24 |
| Junggar-Ganqikairixi | MN6 | 5 | 0.35 | 0.85 | 0.34 | 0.32 | 0.41 | 0.95 | 0.37 | 0.51 | 0.93 | 0.74 | 0.56 | 0.21 | 0.39 | 0.30 | 0.35 | 0.40 | 0.25 | 0.20 | 0.26 | 0.42 | 0.23 | 0.27 |
| Junggar-Tieersihaba | MN6 | 14 | 0.21 | 0.63 | 0.20 | 0.20 | 0.30 | 0.45 | 0.23 | 0.14 | 0.34 | 0.40 | 0.23 | 0.06 | 0.28 | 0.15 | 0.24 | 0.30 | 0.11 | 0.05 | 0.11 | 0.31 | 0.07 | 0.12 |
| Karashigar | MN6 | 8 | 0.81 | 0.31 | 0.79 | 0.77 | 0.39 | 0.68 | 0.81 | 0.75 | 0.98 | 0.69 | 0.48 | 0.58 | 0.39 | 0.26 | 0.35 | 0.37 | 0.65 | 0.54 | 0.26 | 0.40 | 0.17 | 0.25 |
| Kipsaramon 1 | MN6 | 19 | 0.75 | 0.99 | 0.46 | 0.42 | 0.25 | 0.25 | 0.49 | 0.36 | 0.18 | 0.06 | 0.24 | 0.37 | 0.22 | 0.07 | 0.17 | 0.89 | 0.04 | 0.30 | 0.53 | 0.24 | 0.61 | 0.80 |
| La Barranca | MN6 | 11 | 0.25 | 0.23 | 0.23 | 0.21 | 0.33 | 0.16 | 0.23 | 0.43 | 0.38 | 0.14 | 0.05 | 0.33 | 0.29 | 0.16 | 0.26 | 0.31 | 0.13 | 0.06 | 0.13 | 0.34 | 0.07 | 0.14 |
| Liet | MN6 | 9 | 0.28 | 0.29 | 0.27 | 0.25 | 0.37 | 0.20 | 0.29 | 0.62 | 0.16 | 0.59 | 0.11 | 0.13 | 0.34 | 0.22 | 0.30 | 0.34 | 0.17 | 0.12 | 0.19 | 0.38 | 0.13 | 0.19 |
| Maboko | MN6 | 38 | 0.48 | 0.90 | 0.46 | 0.66 | 0.43 | 0.01 | 0.06 | 0.03 | 0.01 | 0.22 | 0.09 | 0.02 | 0.39 | 0.01 | 0.24 | 0.10 | 0.01 | 0.12 | 0.05 | 0.15 | 0.05 | 0.22 |
| Manchones 1 | MN6 | 12 | 0.24 | 0.26 | 0.22 | 0.23 | 0.33 | 0.14 | 0.25 | 0.21 | 0.11 | 0.16 | 0.06 | 0.11 | 0.31 | 0.18 | 0.27 | 0.32 | 0.14 | 0.08 | 0.15 | 0.35 | 0.09 | 0.15 |
| Manchones 2 | MN6 | 6 | 0.32 | 0.33 | 0.32 | 0.31 | 0.39 | 0.26 | 0.34 | 0.11 | 0.21 | 0.27 | 0.17 | 0.18 | 0.38 | 0.26 | 0.34 | 0.38 | 0.23 | 0.16 | 0.24 | 0.41 | 0.17 | 0.25 |
| Mettlen 4 | MN6 | 5 | 0.35 | 0.36 | 0.34 | 0.33 | 0.41 | 0.29 | 0.37 | 0.52 | 0.24 | 0.27 | 0.18 | 0.22 | 0.40 | 0.29 | 0.36 | 0.40 | 0.27 | 0.19 | 0.27 | 0.42 | 0.21 | 0.27 |
| Moraleja de Enmedi | MN6 | 6 | 0.36 | 0.36 | 0.34 | 0.33 | 0.40 | 0.27 | 0.35 | 0.15 | 0.24 | 0.28 | 0.18 | 0.23 | 0.40 | 0.27 | 0.36 | 0.41 | 0.26 | 0.18 | 0.28 | 0.42 | 0.20 | 0.29 |
| Oeschgraben | MN6 | 5 | 0.34 | 0.36 | 0.36 | 0.34 | 0.41 | 0.28 | 0.36 | 0.49 | 0.24 | 0.28 | 0.19 | 0.22 | 0.40 | 0.29 | 0.35 | 0.40 | 0.25 | 0.19 | 0.26 | 0.42 | 0.21 | 0.28 |
| Paracuellos 2 | MN6 | 5 | 0.35 | 0.82 | 0.34 | 0.34 | 0.41 | 0.28 | 0.35 | 0.16 | 0.24 | 0.27 | 0.18 | 0.24 | 0.40 | 0.29 | 0.36 | 0.40 | 0.26 | 0.19 | 0.27 | 0.41 | 0.21 | 0.28 |
| Paracuellos 3 | MN6 | 17 | 0.14 | 0.51 | 0.13 | 0.12 | 0.24 | 0.07 | 0.16 | 0.01 | 0.19 | 0.30 | 0.02 | 0.16 | 0.24 | 0.08 | 0.16 | 0.23 | 0.05 | 0.02 | 0.07 | 0.28 | 0.02 | 0.07 |
| Paracuellos 5 | MN6 | 15 | 0.17 | 0.56 | 0.16 | 0.14 | 0.27 | 0.10 | 0.19 | 0.08 | 0.06 | 0.35 | 0.02 | 0.05 | 0.25 | 0.10 | 0.19 | 0.25 | 0.07 | 0.03 | 0.08 | 0.27 | 0.04 | 0.09 |
| Pasalar | MN6 | 40 | 0.16 | 0.87 | 0.36 | 0.34 | 0.10 | 0.00 | 0.18 | 0.25 | 0.16 | 0.32 | 0.04 | 0.01 | 0.35 | 0.01 | 0.18 | 0.08 | 0.09 | 0.08 | 0.11 | 0.45 | 0.09 | 0.14 |
| Prebreza | MN6 | 9 | 0.27 | 0.94 | 0.69 | 0.23 | 0.34 | 0.18 | 0.28 | 0.05 | 0.13 | 0.18 | 0.09 | 0.13 | 0.33 | 0.19 | 0.28 | 0.33 | 0.51 | 0.10 | 0.17 | 0.37 | 0.11 | 0.18 |
| Qaidam-Olongbuluk | MN6 | 5 | 0.35 | 0.35 | 0.34 | 0.33 | 0.41 | 0.75 | 0.37 | 0.15 | 0.68 | 0.75 | 0.18 | 0.22 | 0.40 | 0.29 | 0.35 | 0.39 | 0.26 | 0.20 | 0.26 | 0.42 | 0.21 | 0.28 |
| R?mikon | MN6 | 11 | 0.25 | 0.24 | 0.23 | 0.22 | 0.34 | 0.16 | 0.26 | 0.48 | 0.42 | 0.52 | 0.06 | 0.37 | 0.31 | 0.18 | 0.26 | 0.31 | 0.14 | 0.08 | 0.15 | 0.35 | 0.10 | 0.15 |
| Sansan | MN6 | 46 | 0.12 | 0.60 | 0.10 | 0.26 | 0.08 | 0.00 | 0.03 | 0.06 | 0.04 | 0.23 | 0.02 | 0.00 | 0.29 | 0.00 | 0.14 | 0.30 | 0.01 | 0.05 | 0.08 | 0.10 | 0.01 | 0.10 |
| Schwamendingen | MN6 | 6 | 0.33 | 0.34 | 0.33 | 0.32 | 0.40 | 0.25 | 0.33 | 0.76 | 0.20 | 0.69 | 0.15 | 0.20 | 0.38 | 0.27 | 0.33 | 0.37 | 0.23 | 0.15 | 0.25 | 0.40 | 0.17 | 0.25 |
| St?tzling | MN6 | 21 | 0.15 | 0.79 | 0.44 | 0.43 | 0.24 | 0.07 | 0.15 | 0.16 | 0.03 | 0.81 | 0.26 | 0.03 | 0.63 | 0.08 | 0.50 | 0.23 | 0.05 | 0.28 | 0.26 | 0.26 | 0.12 | 0.26 |
| Tairum Nor | MN6 | 10 | 0.24 | 0.23 | 0.23 | 0.24 | 0.31 | 0.52 | 0.27 | 0.04 | 0.42 | 0.53 | 0.07 | 0.11 | 0.32 | 0.18 | 0.26 | 0.31 | 0.13 | 0.08 | 0.16 | 0.35 | 0.09 | 0.16 |
| Thannhausen | MN6 | 16 | 0.56 | 0.60 | 0.18 | 0.16 | 0.28 | 0.08 | 0.20 | 0.09 | 0.06 | 0.36 | 0.15 | 0.05 | 0.70 | 0.11 | 0.20 | 0.26 | 0.07 | 0.19 | 0.09 | 0.31 | 0.04 | 0.08 |
| Tieersihabahe | MN6 | 7 | 0.37 | 0.36 | 0.37 | 0.36 | 0.43 | 0.32 | 0.38 | 0.19 | 0.27 | 0.31 | 0.22 | 0.26 | 0.41 | 0.33 | 0.38 | 0.42 | 0.30 | 0.23 | 0.30 | 0.43 | 0.26 | 0.31 |
| Tongxin | MN6 | 9 | 0.27 | 0.27 | 0.26 | 0.25 | 0.83 | 0.17 | 0.26 | 0.24 | 0.14 | 0.18 | 0.09 | 0.12 | 0.35 | 0.19 | 0.27 | 0.33 | 0.15 | 0.09 | 0.16 | 0.37 | 0.11 | 0.17 |
| Tongxin-dingjiaergo | MN6 | 12 | 0.21 | 0.21 | 0.20 | 0.19 | 0.30 | 0.13 | 0.22 | 0.02 | 0.10 | 0.13 | 0.05 | 0.05 | 0.29 | 0.47 | 0.23 | 0.29 | 0.11 | 0.05 | 0.12 | 0.32 | 0.06 | 0.13 |
| Tongxin-maerzuizigc | MN6 | 6 | 0.32 | 0.32 | 0.29 | 0.31 | 0.41 | 0.25 | 0.35 | 0.12 | 0.20 | 0.25 | 0.14 | 0.21 | 0.39 | 0.25 | 0.34 | 0.38 | 0.23 | 0.16 | 0.24 | 0.41 | 0.19 | 0.24 |
| Uzwil-Nutzenbuech | MN6 | 8 | 0.30 | 0.32 | 0.30 | 0.29 | 0.36 | 0.22 | 0.31 | 0.71 | 0.18 | 0.63 | 0.13 | 0.17 | 0.37 | 0.24 | 0.32 | 0.37 | 0.20 | 0.14 | 0.21 | 0.40 | 0.15 | 0.21 |
| Wiesholz | MN6 | 5 | 0.36 | 0.36 | 0.33 | 0.34 | 0.41 | 0.27 | 0.36 | 0.51 | 0.23 | 0.28 | 0.18 | 0.23 | 0.39 | 0.28 | 0.35 | 0.39 | 0.27 | 0.18 | 0.26 | 0.42 | 0.21 | 0.28 |
| Akzhal | MN6 | 6 | 0.35 | 0.36 | 0.35 | 0.33 | 0.42 | 0.28 | 0.37 | 0.15 | 0.24 | 0.27 | 0.18 | 0.22 | 0.39 | 0.30 | 0.36 | 0.39 | 0.27 | 0.20 | 0.29 | 0.42 | 0.22 | 0.29 |
| Friedberg | MN6 | 7 | 0.78 | 0.77 | 0.30 | 0.74 | 0.38 | 0.21 | 0.32 | 0.08 | 0.18 | 0.23 | 0.75 | 0.16 | 0.85 | 0.23 | 0.32 | 0.38 | 0.60 | 0.78 | 0.61 | 0.38 | 0.52 | 0.65 |
| Ban San Klang | MN5 | 5 | 0.35 | 0.84 | 0.35 | 0.33 | 0.42 | 0.29 | 0.85 | 0.16 | 0.70 | 0.29 | 0.56 | 0.91 | 0.40 | 0.77 | 0.37 | 0.40 | 0.70 | 0.58 | 0.72 | 0.42 | 0.64 | 0.74 |
| Huai Siew | MN5 | 5 | 0.85 | 0.36 | 0.34 | 0.34 | 0.41 | 0.28 | 0.84 | 0.14 | 0.24 | 0.29 | 0.18 | 0.23 | 0.40 | 0.75 | 0.37 | 0.41 | 0.26 | 0.19 | 0.27 | 0.42 | 0.19 | 0.28 |
| Petersbuch 7 | MN5 | 7 | 0.30 | 0.30 | 0.30 | 0.29 | 0.38 | 0.23 | 0.33 | 0.69 | 0.19 | 0.23 | 0.12 | 0.16 | 0.36 | 0.24 | 0.32 | 0.38 | 0.20 | 0.13 | 0.21 | 0.39 | 0.14 | 0.22 |
| Somosaguas Norte | MN5 | 9 | 0.70 | 0.71 | 0.26 | 0.67 | 0.36 | 0.18 | 0.28 | 0.06 | 0.46 | 0.16 | 0.34 | 0.42 | 0.33 | 0.19 | 0.29 | 0.33 | 0.51 | 0.37 | 0.53 | 0.36 | 0.40 | 0.54 |
| Ardic-Mordogan | MN5 | 11 | 0.23 | 0.64 | 0.63 | 0.20 | 0.31 | 0.13 | 0.25 | 0.04 | 0.10 | 0.13 | 0.06 | 0.09 | 0.30 | 0.16 | 0.25 | 0.30 | 0.44 | 0.07 | 0.12 | 0.34 | 0.06 | 0.14 |
| Derching | MN5 | 7 | 0.75 | 0.96 | 0.76 | 0.75 | 0.38 | 0.23 | 0.32 | 0.35 | 0.17 | 0.63 | 0.77 | 0.17 | 0.84 | 0.24 | 0.77 | 0.37 | 0.20 | 0.78 | 0.63 | 0.39 | 0.51 | 0.63 |
| Griesbeckerzell | MN5 | 12 | 0.29 | 0.27 | 0.27 | 0.27 | 0.35 | 0.20 | 0.28 | 0.30 | 0.16 | 0.59 | 0.11 | 0.14 | 0.34 | 0.21 | 0.29 | 0.35 | 0.18 | 0.11 | 0.19 | 0.38 | 0.13 | 0.21 |
| Laimering 3 | MN5 | 5 | 0.35 | 0.35 | 0.34 | 0.34 | 0.40 | 0.30 | 0.36 | 0.52 | 0.24 | 0.74 | 0.18 | 0.20 | 0.39 | 0.30 | 0.36 | 0.39 | 0.25 | 0.19 | 0.28 | 0.41 | 0.22 | 0.29 |
| Viehhausen | MN5 | 5 | 0.37 | 0.38 | 0.37 | 0.37 | 0.43 | 0.31 | 0.39 | 0.21 | 0.28 | 0.32 | 0.23 | 0.27 | 0.42 | 0.33 | 0.39 | 0.43 | 0.31 | 0.22 | 0.30 | 0.44 | 0.25 | 0.31 |
| Walda 2 | MN5 | 11 | 0.29 | 0.28 | 0.26 | 0.27 | 0.35 | 0.19 | 0.29 | 0.29 | 0.16 | 0.59 | 0.10 | 0.13 | 0.34 | 0.21 | 0.29 | 0.34 | 0.18 | 0.11 | 0.19 | 0.37 | 0.12 | 0.20 |
| Grund | MN5 | 8 | 0.30 | 0.76 | 0.27 | 0.28 | 0.39 | 0.21 | 0.31 | 0.09 | 0.18 | 0.23 | 0.13 | 0.17 | 0.36 | 0.24 | 0.31 | 0.37 | 0.20 | 0.14 | 0.23 | 0.40 | 0.15 | 0.22 |
| Kaloma | MN5 | 8 | 0.27 | 0.74 | 0.73 | 0.92 | 0.35 | 0.21 | 0.30 | 0.61 | 0.15 | 0.87 | 0.37 | 0.14 | 0.34 | 0.21 | 0.74 | 0.36 | 0.18 | 0.41 | 0.56 | 0.38 | 0.45 | 0.60 |
| Kipsaramon 2 | MN5 | 12 | 0.65 | 0.65 | 0.89 | 0.88 | 0.79 | 0.46 | 0.68 | 0.43 | 0.37 | 0.46 | 0.23 | 0.08 | 0.30 | 0.15 | 0.23 | 0.76 | 0.11 | 0.27 | 0.46 | 0.35 | 0.30 | 0.47 |
| Majiwa | MN5 | 21 | 0.51 | 0.79 | 0.49 | 0.74 | 0.24 | 0.07 | 0.18 | 0.38 | 0.04 | 0.61 | 0.27 | 0.04 | 0.23 | 0.08 | 0.54 | 0.24 | 0.06 | 0.12 | 0.57 | 0.70 | 0.36 | 0.59 |
| Ombo | MN5 | 12 | 0.60 | 0.88 | 0.60 | 0.86 | 0.30 | 0.11 | 0.23 | 0.65 | 0.08 | 0.76 | 0.22 | 0.06 | 0.29 | 0.15 | 0.64 | 0.28 | 0.11 | 0.24 | 0.40 | 0.33 | 0.28 | 0.44 |
| Samburu Hills (Nach | MN5 | 15 | 0.20 | 0.20 | 0.18 | 0.17 | 0.28 | 0.10 | 0.19 | 0.10 | 0.07 | 0.37 | 0.03 | 0.23 | 0.26 | 0.11 | 0.21 | 0.27 | 0.33 | 0.04 | 0.10 | 0.30 | 0.05 | 0.12 |
| Sinda | MN5 | 8 | 0.29 | 0.75 | 0.28 | 0.26 | 0.35 | 0.19 | 0.30 | 0.62 | 0.15 | 0.60 | 0.38 | 0.14 | 0.84 | 0.21 | 0.29 | 0.34 | 0.17 | 0.43 | 0.18 | 0.39 | 0.14 | 0.22 |
| Tugen Hills (BPRP 89 | MN5 | 10 | 0.68 | 0.67 | 0.98 | 0.98 | 0.83 | 0.82 | 0.70 | 0.77 | 0.40 | 0.82 | 0.29 | 0.11 | 0.32 | 0.16 | 0.27 | 0.79 | 0.13 | 0.31 | 0.50 | 0.34 | 0.35 | 0.52 |
| Tugen Hills 1 | MN5 | 5 | 0.35 | 0.36 | 0.35 | 0.33 | 0.41 | 0.28 | 0.36 | 0.15 | 0.24 | 0.28 | 0.18 | 0.23 | 0.40 | 0.30 | 0.37 | 0.41 | 0.25 | 0.21 | 0.27 | 0.42 | 0.22 | 0.28 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Al-Sarrar | MN5 | 12 | 0.63 | 0.89 | 0.59 | 0.56 | 0.31 | 0.13 | 0.23 | 0.88 | 0.34 | 0.77 | 0.50 | 0.29 | 0.29 | 0.13 | 0.65 | 0.29 | 0.39 | 0.25 | 0.43 | 0.32 | 0.27 | 0.75 |
| Armantes 3 | MN5 | 6 | 0.31 | 0.32 | 0.31 | 0.30 | 0.39 | 0.25 | 0.34 | 0.42 | 0.19 | 0.25 | 0.14 | 0.20 | 0.38 | 0.70 | 0.32 | 0.38 | 0.23 | 0.17 | 0.25 | 0.40 | 0.17 | 0.26 |
| Arrisdrift | MN5 | 21 | 0.44 | 0.43 | 0.71 | 0.68 | 0.21 | 0.05 | 0.14 | 0.12 | 0.14 | 0.49 | 0.19 | 0.30 | 0.20 | 0.26 | 0.44 | 0.21 | 0.03 | 0.48 | 0.21 | 0.26 | 0.52 | 0.75 |
| Arroyo del Olivar | MN5 | 5 | 0.34 | 0.82 | 0.35 | 0.34 | 0.41 | 0.29 | 0.37 | 0.17 | 0.24 | 0.28 | 0.17 | 0.22 | 0.40 | 0.29 | 0.36 | 0.40 | 0.26 | 0.19 | 0.29 | 0.41 | 0.20 | 0.28 |
| Auverse MN5 | MN5 | 25 | 0.38 | 0.35 | 0.10 | 0.33 | 0.21 | 0.03 | 0.10 | 0.07 | 0.10 | 0.17 | 0.13 | 0.07 | 0.55 | 0.04 | 0.10 | 0.18 | 0.14 | 0.16 | 0.16 | 0.22 | 0.07 | 0.18 |
| Baigneaux-en-Beauc | MN5 | 33 | 0.07 | 0.79 | 0.25 | 0.22 | 0.15 | 0.02 | 0.09 | 0.03 | 0.05 | 0.29 | 0.06 | 0.03 | 0.47 | 0.02 | 0.30 | 0.14 | 0.01 | 0.08 | 0.08 | 0.18 | 0.03 | 0.10 |
| Belometchetskaja | MN5 | 27 | 0.31 | 0.63 | 0.30 | 0.06 | 0.18 | 0.02 | 0.09 | 0.04 | 0.08 | 0.14 | 0.03 | 0.04 | 0.15 | 0.16 | 0.10 | 0.15 | 0.09 | 0.03 | 0.02 | 0.20 | 0.05 | 0.13 |
| Birosse | MN5 | 11 | 0.21 | 0.24 | 0.21 | 0.20 | 0.32 | 0.14 | 0.24 | 0.03 | 0.11 | 0.14 | 0.05 | 0.10 | 0.29 | 0.51 | 0.25 | 0.31 | 0.13 | 0.07 | 0.13 | 0.33 | 0.08 | 0.14 |
| Breil MN5 | MN5 | 19 | 0.14 | 0.78 | 0.13 | 0.12 | 0.24 | 0.06 | 0.14 | 0.16 | 0.19 | 0.53 | 0.08 | 0.14 | 0.65 | 0.08 | 0.15 | 0.61 | 0.05 | 0.09 | 0.06 | 0.27 | 0.02 | 0.05 |
| Buchberg-Erlistrasse | MN5 | 5 | 0.34 | 0.83 | 0.35 | 0.33 | 0.41 | 0.27 | 0.37 | 0.81 | 0.24 | 0.74 | 0.18 | 0.22 | 0.40 | 0.30 | 0.36 | 0.40 | 0.27 | 0.21 | 0.29 | 0.42 | 0.21 | 0.28 |
| Channay-sur-Lathan | MN5 | 34 | 0.26 | 0.53 | 0.05 | 0.20 | 0.15 | 0.02 | 0.06 | 0.02 | 0.01 | 0.24 | 0.05 | 0.00 | 0.43 | 0.02 | 0.07 | 0.13 | 0.05 | 0.06 | 0.08 | 0.17 | 0.02 | 0.08 |
| Chavaignes MN5 | MN5 | 17 | 0.16 | 0.48 | 0.14 | 0.14 | 0.24 | 0.07 | 0.17 | 0.19 | 0.04 | 0.30 | 0.09 | 0.04 | 0.64 | 0.08 | 0.16 | 0.24 | 0.06 | 0.12 | 0.07 | 0.28 | 0.03 | 0.07 |
| Chios | MN5 | 10 | 0.23 | 0.68 | 0.92 | 0.90 | 0.33 | 0.51 | 0.26 | 0.75 | 0.11 | 0.96 | 0.29 | 0.09 | 0.31 | 0.17 | 0.72 | 0.31 | 0.13 | 0.32 | 0.46 | 0.35 | 0.34 | 0.50 |
| Cl?r?-les-Pins MN5 | MN5 | 22 | 0.13 | 0.74 | 0.10 | 0.10 | 0.21 | 0.04 | 0.12 | 0.11 | 0.15 | 0.48 | 0.06 | 0.11 | 0.58 | 0.06 | 0.14 | 0.60 | 0.03 | 0.08 | 0.05 | 0.24 | 0.02 | 0.05 |
| Contres MN 5 | MN5 | 25 | 0.10 | 0.37 | 0.09 | 0.07 | 0.20 | 0.03 | 0.10 | 0.19 | 0.10 | 0.43 | 0.03 | 0.06 | 0.56 | 0.04 | 0.11 | 0.18 | 0.03 | 0.04 | 0.03 | 0.22 | 0.01 | 0.03 |
| Crastes | MN5 | 5 | 0.35 | 0.98 | 0.34 | 0.34 | 0.41 | 0.29 | 0.37 | 0.51 | 0.23 | 0.27 | 0.59 | 0.23 | 0.89 | 0.29 | 0.36 | 0.40 | 0.26 | 0.60 | 0.27 | 0.42 | 0.21 | 0.28 |
| D?nez?-sous-le-Lude | MN5 | 16 | 0.18 | 0.57 | 0.17 | 0.16 | 0.30 | 0.09 | 0.21 | 0.09 | 0.06 | 0.38 | 0.15 | 0.05 | 0.71 | 0.10 | 0.19 | 0.28 | 0.08 | 0.20 | 0.09 | 0.32 | 0.04 | 0.10 |
| Dzhilanchik (Uly-Dzh | MN5 | 11 | 0.25 | 0.69 | 0.22 | 0.21 | 0.33 | 0.16 | 0.28 | 0.04 | 0.11 | 0.15 | 0.07 | 0.10 | 0.32 | 0.17 | 0.26 | 0.31 | 0.12 | 0.08 | 0.14 | 0.34 | 0.08 | 0.17 |
| Edelbeuren-Maurerl | MN5 | 9 | 0.26 | 0.69 | 0.25 | 0.24 | 0.34 | 0.18 | 0.27 | 0.58 | 0.48 | 0.57 | 0.08 | 0.11 | 0.32 | 0.58 | 0.26 | 0.34 | 0.14 | 0.08 | 0.17 | 0.37 | 0.11 | 0.17 |
| Edelbeuren-Schlachl | MN5 | 5 | 0.35 | 0.36 | 0.34 | 0.33 | 0.41 | 0.28 | 0.36 | 0.50 | 0.23 | 0.74 | 0.18 | 0.22 | 0.40 | 0.29 | 0.36 | 0.41 | 0.26 | 0.20 | 0.26 | 0.41 | 0.22 | 0.28 |
| Eibiswald | MN5 | 7 | 0.77 | 0.31 | 0.28 | 0.28 | 0.37 | 0.21 | 0.32 | 0.09 | 0.57 | 0.22 | 0.12 | 0.52 | 0.36 | 0.25 | 0.31 | 0.36 | 0.20 | 0.13 | 0.21 | 0.40 | 0.14 | 0.23 |
| Enghausen | MN5 | 5 | 0.35 | 0.98 | 0.34 | 0.34 | 0.43 | 0.28 | 0.35 | 0.15 | 0.23 | 0.28 | 0.57 | 0.22 | 0.89 | 0.75 | 0.37 | 0.39 | 0.27 | 0.62 | 0.27 | 0.41 | 0.21 | 0.28 |
| Estaci?n Imperial (M | MN5 | 10 | 0.25 | 0.25 | 0.24 | 0.21 | 0.33 | 0.15 | 0.26 | 0.05 | 0.75 | 0.15 | 0.07 | 0.37 | 0.31 | 0.17 | 0.26 | 0.31 | 0.14 | 0.07 | 0.16 | 0.35 | 0.10 | 0.14 |
| Esvres - Marine Falu | MN5 | 52 | 0.02 | 0.32 | 0.01 | 0.01 | 0.09 | 0.00 | 0.02 | 0.01 | 0.01 | 0.09 | 0.00 | 0.00 | 0.28 | 0.00 | 0.03 | 0.28 | 0.00 | 0.00 | 0.00 | 0.10 | 0.00 | 0.00 |
| Faluns of Touraine & | MN5 | 9 | 0.29 | 0.74 | 0.26 | 0.25 | 0.37 | 0.19 | 0.29 | 0.07 | 0.14 | 0.19 | 0.39 | 0.14 | 0.82 | 0.21 | 0.29 | 0.35 | 0.17 | 0.40 | 0.18 | 0.38 | 0.13 | 0.18 |
| G?riach | MN5 | 26 | 0.38 | 0.11 | 0.09 | 0.34 | 0.22 | 0.04 | 0.12 | 0.03 | 0.02 | 0.18 | 0.04 | 0.02 | 0.18 | 0.05 | 0.12 | 0.17 | 0.15 | 0.06 | 0.17 | 0.22 | 0.06 | 0.20 |
| Genneteil MN5 | MN5 | 8 | 0.29 | 0.28 | 0.26 | 0.28 | 0.36 | 0.19 | 0.28 | 0.31 | 0.15 | 0.60 | 0.10 | 0.13 | 0.33 | 0.21 | 0.30 | 0.34 | 0.17 | 0.11 | 0.19 | 0.38 | 0.11 | 0.20 |
| Georgensgm?nd | MN5 | 9 | 0.26 | 0.26 | 0.25 | 0.22 | 0.35 | 0.15 | 0.28 | 0.06 | 0.14 | 0.17 | 0.08 | 0.11 | 0.33 | 0.20 | 0.28 | 0.34 | 0.16 | 0.09 | 0.16 | 0.36 | 0.10 | 0.17 |
| Guanghe-wangshijie | MN5 | 6 | 0.33 | 0.80 | 0.33 | 0.31 | 0.40 | 0.25 | 0.34 | 0.12 | 0.21 | 0.25 | 0.15 | 0.18 | 0.37 | 0.70 | 0.33 | 0.39 | 0.22 | 0.15 | 0.24 | 0.40 | 0.18 | 0.26 |
| H?der | MN5 | 9 | 0.28 | 0.30 | 0.28 | 0.26 | 0.36 | 0.20 | 0.30 | 0.29 | 0.16 | 0.19 | 0.10 | 0.15 | 0.36 | 0.21 | 0.32 | 0.36 | 0.17 | 0.11 | 0.20 | 0.38 | 0.12 | 0.19 |
| H?llistein | MN5 | 7 | 0.30 | 0.78 | 0.31 | 0.28 | 0.37 | 0.21 | 0.31 | 0.70 | 0.57 | 0.63 | 0.12 | 0.17 | 0.37 | 0.24 | 0.32 | 0.37 | 0.20 | 0.13 | 0.21 | 0.39 | 0.16 | 0.23 |
| Hambach 6C | MN5 | 19 | 0.14 | 0.47 | 0.12 | 0.13 | 0.25 | 0.05 | 0.15 | 0.04 | 0.02 | 0.25 | 0.09 | 0.03 | 0.65 | 0.07 | 0.15 | 0.22 | 0.04 | 0.10 | 0.05 | 0.26 | 0.03 | 0.06 |
| Heggbach | MN5 | 11 | 0.22 | 0.66 | 0.22 | 0.21 | 0.31 | 0.14 | 0.23 | 0.45 | 0.39 | 0.49 | 0.06 | 0.34 | 0.30 | 0.14 | 0.26 | 0.31 | 0.12 | 0.05 | 0.14 | 0.33 | 0.08 | 0.13 |
| Hommes MN5 | MN5 | 26 | 0.34 | 0.65 | 0.08 | 0.25 | 0.19 | 0.03 | 0.10 | 0.01 | 0.01 | 0.37 | 0.10 | 0.01 | 0.53 | 0.04 | 0.09 | 0.17 | 0.10 | 0.12 | 0.14 | 0.20 | 0.05 | 0.14 |
| Kalkaman lake | MN5 | 17 | 0.16 | 0.16 | 0.53 | 0.14 | 0.27 | 0.68 | 0.19 | 0.72 | 0.24 | 0.66 | 0.13 | 0.04 | 0.26 | 0.10 | 0.18 | 0.93 | 0.30 | 0.15 | 0.08 | 0.29 | 0.04 | 0.08 |
| Kalodirr | MN5 | 22 | 0.13 | 0.13 | 0.10 | 0.10 | 0.22 | 0.05 | 0.14 | 0.12 | 0.03 | 0.22 | 0.01 | 0.02 | 0.21 | 0.05 | 0.15 | 0.21 | 0.04 | 0.02 | 0.05 | 0.25 | 0.01 | 0.05 |
| La Condoue | MN5 | 8 | 0.29 | 0.77 | 0.31 | 0.28 | 0.37 | 0.24 | 0.32 | 0.72 | 0.17 | 0.63 | 0.12 | 0.15 | 0.37 | 0.24 | 0.31 | 0.35 | 0.19 | 0.14 | 0.21 | 0.40 | 0.15 | 0.22 |
| La Hidroelectrica Ma | MN5 | 15 | 0.56 | 0.56 | 0.15 | 0.49 | 0.27 | 0.09 | 0.20 | 0.09 | 0.55 | 0.09 | 0.14 | 0.21 | 0.24 | 0.10 | 0.18 | 0.70 | 0.28 | 0.15 | 0.33 | 0.30 | 0.19 | 0.34 |
| La Retama | MN5 | 13 | 0.21 | 0.62 | 0.21 | 0.19 | 0.30 | 0.12 | 0.23 | 0.02 | 0.33 | 0.12 | 0.05 | 0.32 | 0.28 | 0.13 | 0.23 | 0.29 | 0.10 | 0.06 | 0.11 | 0.32 | 0.06 | 0.13 |
| Lasse MN5 | MN5 | 33 | 0.25 | 0.57 | 0.05 | 0.21 | 0.16 | 0.02 | 0.06 | 0.17 | 0.04 | 0.08 | 0.04 | 0.02 | 0.43 | 0.01 | 0.07 | 0.43 | 0.05 | 0.05 | 0.07 | 0.17 | 0.02 | 0.07 |
| Li Mae Long | MN5 | 9 | 0.28 | 0.26 | 0.26 | 0.24 | 0.35 | 0.18 | 0.74 | 0.28 | 0.14 | 0.16 | 0.35 | 0.40 | 0.33 | 0.59 | 0.27 | 0.34 | 0.50 | 0.35 | 0.55 | 0.36 | 0.39 | 0.58 |
| Los Nogales | MN5 | 12 | 0.22 | 0.64 | 0.23 | 0.21 | 0.33 | 0.14 | 0.25 | 0.04 | 0.39 | 0.14 | 0.05 | 0.33 | 0.30 | 0.16 | 0.24 | 0.30 | 0.11 | 0.07 | 0.12 | 0.35 | 0.08 | 0.14 |
| Lubl? MN5 | MN5 | 7 | 0.79 | 0.32 | 0.29 | 0.74 | 0.38 | 0.22 | 0.33 | 0.08 | 0.18 | 0.21 | 0.43 | 0.16 | 0.35 | 0.24 | 0.32 | 0.35 | 0.60 | 0.45 | 0.63 | 0.39 | 0.49 | 0.62 |
| M?nzenberg (Leobe | MN5 | 7 | 0.29 | 0.30 | 0.30 | 0.28 | 0.37 | 0.22 | 0.31 | 0.35 | 0.19 | 0.24 | 0.12 | 0.17 | 0.37 | 0.24 | 0.31 | 0.36 | 0.21 | 0.13 | 0.20 | 0.39 | 0.16 | 0.22 |
| M?on MN5 | MN5 | 12 | 0.20 | 0.22 | 0.20 | 0.18 | 0.30 | 0.13 | 0.22 | 0.14 | 0.08 | 0.45 | 0.04 | 0.07 | 0.30 | 0.14 | 0.23 | 0.28 | 0.10 | 0.06 | 0.10 | 0.32 | 0.07 | 0.11 |
| Manchar 1 | MN5 | 22 | 0.13 | 0.42 | 0.40 | 0.70 | 0.22 | 0.04 | 0.45 | 0.27 | 0.13 | 0.49 | 0.19 | 0.31 | 0.20 | 0.57 | 0.45 | 0.59 | 0.18 | 0.22 | 0.48 | 0.23 | 0.28 | 0.49 |
| Manchar 2 | MN5 | 14 | 0.19 | 0.85 | 0.54 | 0.51 | 0.28 | 0.10 | 0.59 | 0.54 | 0.26 | 0.70 | 0.39 | 0.53 | 0.27 | 0.42 | 0.61 | 0.71 | 0.33 | 0.44 | 0.65 | 0.30 | 0.47 | 0.68 |
| Meign?-le-Vicomte I | MN5 | 25 | 0.34 | 0.09 | 0.08 | 0.27 | 0.19 | 0.03 | 0.11 | 0.05 | 0.08 | 0.40 | 0.02 | 0.07 | 0.16 | 0.03 | 0.11 | 0.16 | 0.11 | 0.03 | 0.14 | 0.21 | 0.05 | 0.16 |
| Montejo de la Vega | MN5 | 8 | 0.74 | 0.74 | 0.27 | 0.70 | 0.36 | 0.21 | 0.31 | 0.07 | 0.50 | 0.19 | 0.38 | 0.47 | 0.35 | 0.22 | 0.31 | 0.35 | 0.56 | 0.40 | 0.59 | 0.39 | 0.44 | 0.61 |
| Moratines | MN5 | 9 | 0.71 | 0.26 | 0.25 | 0.67 | 0.34 | 0.18 | 0.28 | 0.05 | 0.14 | 0.17 | 0.32 | 0.10 | 0.33 | 0.20 | 0.28 | 0.33 | 0.51 | 0.36 | 0.54 | 0.37 | 0.40 | 0.55 |
| Morourot | MN5 | 8 | 0.76 | 1.00 | 0.95 | 0.95 | 0.37 | 0.64 | 0.79 | 0.90 | 0.55 | 0.92 | 0.76 | 0.17 | 0.37 | 0.24 | 0.79 | 0.83 | 0.20 | 0.78 | 0.89 | 0.39 | 0.80 | 0.89 |
| Noyant-sous-le-Lude | MN5 | 41 | 0.04 | 0.48 | 0.03 | 0.03 | 0.11 | 0.01 | 0.06 | 0.03 | 0.02 | 0.19 | 0.00 | 0.02 | 0.38 | 0.01 | 0.05 | 0.38 | 0.01 | 0.01 | 0.01 | 0.13 | 0.00 | 0.01 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| O'Donnell | MN5 | 6 | 0.32 | 0.32 | 0.79 | 0.30 | 0.39 | 0.69 | 0.34 | 0.43 | 0.22 | 0.68 | 0.51 | 0.19 | 0.37 | 0.27 | 0.34 | 0.88 | 0.64 | 0.56 | 0.25 | 0.40 | 0.18 | 0.26 |
| Oggenhausen 1 | MN5 | 6 | 0.33 | 0.80 | 0.31 | 0.31 | 0.39 | 0.24 | 0.35 | 0.12 | 0.21 | 0.26 | 0.15 | 0.18 | 0.38 | 0.69 | 0.34 | 0.38 | 0.22 | 0.17 | 0.23 | 0.40 | 0.16 | 0.25 |
| PAR-Penuelas (Madr | MN5 | 5 | 0.35 | 0.83 | 0.34 | 0.33 | 0.40 | 0.28 | 0.36 | 0.15 | 0.23 | 0.28 | 0.18 | 0.23 | 0.39 | 0.29 | 0.36 | 0.40 | 0.26 | 0.19 | 0.27 | 0.42 | 0.21 | 0.28 |
| Paseo de la Esparan | MN5 | 8 | 0.28 | 0.29 | 0.27 | 0.26 | 0.38 | 0.20 | 0.29 | 0.30 | 0.16 | 0.58 | 0.10 | 0.13 | 0.35 | 0.21 | 0.30 | 0.34 | 0.18 | 0.11 | 0.18 | 0.37 | 0.13 | 0.21 |
| Paseo de las Acacias | MN5 | 11 | 0.23 | 0.23 | 0.21 | 0.20 | 0.33 | 0.13 | 0.24 | 0.16 | 0.70 | 0.46 | 0.06 | 0.35 | 0.30 | 0.15 | 0.25 | 0.31 | 0.11 | 0.07 | 0.12 | 0.33 | 0.07 | 0.13 |
| Pont-Boutard MN5 | MN5 | 28 | 0.08 | 0.62 | 0.07 | 0.06 | 0.16 | 0.02 | 0.10 | 0.03 | 0.08 | 0.35 | 0.03 | 0.05 | 0.50 | 0.04 | 0.09 | 0.48 | 0.02 | 0.03 | 0.02 | 0.19 | 0.00 | 0.02 |
| Pontign? MN5 | MN5 | 40 | 0.04 | 0.46 | 0.03 | 0.03 | 0.12 | 0.01 | 0.05 | 0.06 | 0.02 | 0.17 | 0.01 | 0.01 | 0.36 | 0.01 | 0.04 | 0.40 | 0.00 | 0.00 | 0.01 | 0.15 | 0.00 | 0.01 |
| Pontlevoy | MN5 | 30 | 0.06 | 0.53 | 0.05 | 0.05 | 0.14 | 0.02 | 0.08 | 0.07 | 0.05 | 0.09 | 0.01 | 0.02 | 0.45 | 0.02 | 0.07 | 0.47 | 0.01 | 0.02 | 0.01 | 0.17 | 0.00 | 0.01 |
| Poudenas-Peyrecrec | MN5 | 11 | 0.23 | 0.92 | 0.22 | 0.21 | 0.31 | 0.12 | 0.25 | 0.44 | 0.10 | 0.45 | 0.25 | 0.09 | 0.77 | 0.15 | 0.24 | 0.77 | 0.13 | 0.28 | 0.13 | 0.35 | 0.08 | 0.15 |
| Puente de Toledo | MN5 | 8 | 0.30 | 0.75 | 0.30 | 0.28 | 0.37 | 0.22 | 0.33 | 0.09 | 0.18 | 0.23 | 0.12 | 0.16 | 0.36 | 0.23 | 0.32 | 0.38 | 0.20 | 0.12 | 0.22 | 0.38 | 0.14 | 0.23 |
| Puente de Vallecas | MN5 | 19 | 0.43 | 0.43 | 0.42 | 0.40 | 0.22 | 0.24 | 0.14 | 0.32 | 0.15 | 0.23 | 0.21 | 0.12 | 0.21 | 0.06 | 0.14 | 0.89 | 0.46 | 0.26 | 0.23 | 0.25 | 0.11 | 0.24 |
| Rill? MN5 | MN5 | 15 | 0.19 | 0.54 | 0.16 | 0.15 | 0.28 | 0.08 | 0.19 | 0.09 | 0.25 | 0.32 | 0.14 | 0.21 | 0.69 | 0.10 | 0.19 | 0.25 | 0.05 | 0.16 | 0.09 | 0.30 | 0.03 | 0.10 |
| Rimbez - Lapeyrie ba | MN5 | 14 | 0.18 | 0.86 | 0.17 | 0.16 | 0.28 | 0.10 | 0.20 | 0.29 | 0.06 | 0.37 | 0.16 | 0.05 | 0.72 | 0.11 | 0.19 | 0.27 | 0.07 | 0.20 | 0.10 | 0.31 | 0.05 | 0.10 |
| Rothenstein 1 | MN5 | 14 | 0.18 | 0.55 | 0.17 | 0.16 | 0.27 | 0.08 | 0.17 | 0.11 | 0.28 | 0.10 | 0.04 | 0.24 | 0.26 | 0.11 | 0.20 | 0.26 | 0.07 | 0.04 | 0.10 | 0.32 | 0.05 | 0.09 |
| Saint Laurent-de-Lin | MN5 | 11 | 0.66 | 0.67 | 0.23 | 0.63 | 0.33 | 0.13 | 0.25 | 0.18 | 0.10 | 0.78 | 0.54 | 0.08 | 0.77 | 0.16 | 0.23 | 0.30 | 0.44 | 0.57 | 0.46 | 0.33 | 0.30 | 0.46 |
| San Isidro | MN5 | 5 | 0.35 | 0.84 | 0.36 | 0.32 | 0.41 | 0.30 | 0.36 | 0.15 | 0.24 | 0.28 | 0.18 | 0.22 | 0.40 | 0.30 | 0.36 | 0.40 | 0.25 | 0.20 | 0.28 | 0.41 | 0.20 | 0.28 |
| Sandelzhausen | MN5 | 27 | 0.08 | 0.31 | 0.08 | 0.06 | 0.18 | 0.02 | 0.09 | 0.28 | 0.23 | 0.14 | 0.00 | 0.05 | 0.15 | 0.03 | 0.10 | 0.50 | 0.01 | 0.00 | 0.02 | 0.19 | 0.01 | 0.02 |
| Savign?-sur-Lathan M | MN5 | 39 | 0.18 | 0.47 | 0.03 | 0.13 | 0.12 | 0.00 | 0.04 | 0.02 | 0.00 | 0.16 | 0.02 | 0.00 | 0.37 | 0.01 | 0.05 | 0.38 | 0.03 | 0.03 | 0.04 | 0.14 | 0.01 | 0.05 |
| Seegraben (Leoben) | MN5 | 6 | 0.33 | 0.32 | 0.33 | 0.31 | 0.39 | 0.25 | 0.33 | 0.43 | 0.20 | 0.68 | 0.16 | 0.20 | 0.38 | 0.26 | 0.34 | 0.38 | 0.22 | 0.16 | 0.24 | 0.40 | 0.17 | 0.26 |
| Shanwang | MN5 | 19 | 0.16 | 0.82 | 0.14 | 0.15 | 0.27 | 0.08 | 0.17 | 0.07 | 0.23 | 0.31 | 0.10 | 0.18 | 0.67 | 0.10 | 0.19 | 0.25 | 0.06 | 0.14 | 0.07 | 0.28 | 0.02 | 0.08 |
| Tarazona | MN5 | 14 | 0.21 | 0.62 | 0.19 | 0.20 | 0.31 | 0.13 | 0.22 | 0.02 | 0.37 | 0.13 | 0.05 | 0.29 | 0.28 | 0.15 | 0.22 | 0.29 | 0.12 | 0.05 | 0.11 | 0.32 | 0.06 | 0.13 |
| Thymiana B | MN5 | 9 | 0.28 | 0.70 | 0.92 | 0.91 | 0.35 | 0.55 | 0.28 | 0.81 | 0.15 | 0.97 | 0.32 | 0.13 | 0.34 | 0.19 | 0.72 | 0.32 | 0.16 | 0.36 | 0.53 | 0.37 | 0.39 | 0.56 |
| Vermes 1 | MN5 | 5 | 0.35 | 0.36 | 0.35 | 0.33 | 0.40 | 0.27 | 0.36 | 0.53 | 0.24 | 0.28 | 0.18 | 0.23 | 0.40 | 0.29 | 0.36 | 0.40 | 0.27 | 0.19 | 0.28 | 0.42 | 0.20 | 0.27 |
| Ziemetshausen 1b | MN5 | 10 | 0.25 | 0.70 | 0.24 | 0.24 | 0.34 | 0.18 | 0.28 | 0.57 | 0.12 | 0.55 | 0.33 | 0.13 | 0.80 | 0.59 | 0.27 | 0.33 | 0.16 | 0.37 | 0.16 | 0.36 | 0.11 | 0.17 |
| Zinda Pir 3 | MN5 | 10 | 0.23 | 0.91 | 0.65 | 0.64 | 0.34 | 0.15 | 0.26 | 0.49 | 0.11 | 0.81 | 0.29 | 0.11 | 0.31 | 0.16 | 0.72 | 0.32 | 0.13 | 0.33 | 0.49 | 0.36 | 0.34 | 0.50 |
| Engelswies | MN5 | 13 | 0.20 | 0.59 | 0.20 | 0.17 | 0.30 | 0.11 | 0.21 | 0.14 | 0.08 | 0.40 | 0.04 | 0.07 | 0.26 | 0.14 | 0.21 | 0.28 | 0.09 | 0.05 | 0.11 | 0.31 | 0.06 | 0.12 |
| Aktau Mountain | MN4 | 13 | 0.66 | 0.67 | 0.66 | 0.66 | 0.33 | 0.52 | 0.69 | 0.21 | 0.41 | 0.51 | 0.26 | 0.38 | 0.32 | 0.19 | 0.26 | 0.32 | 0.46 | 0.30 | 0.15 | 0.34 | 0.09 | 0.16 |
| Gerlenhofen | MN4 | 6 | 0.33 | 0.96 | 0.32 | 0.30 | 0.40 | 0.25 | 0.33 | 0.42 | 0.22 | 0.67 | 0.52 | 0.19 | 0.86 | 0.26 | 0.35 | 0.38 | 0.23 | 0.55 | 0.25 | 0.41 | 0.18 | 0.26 |
| Grimmelfingen | MN4 | 6 | 0.33 | 0.98 | 0.31 | 0.32 | 0.40 | 0.25 | 0.34 | 0.42 | 0.21 | 0.70 | 0.50 | 0.20 | 0.89 | 0.28 | 0.33 | 0.39 | 0.22 | 0.52 | 0.24 | 0.39 | 0.18 | 0.25 |
| Monteagudo | MN4 | 7 | 0.32 | 0.75 | 0.28 | 0.28 | 0.38 | 0.20 | 0.31 | 0.09 | 0.19 | 0.22 | 0.14 | 0.16 | 0.37 | 0.23 | 0.33 | 0.36 | 0.20 | 0.14 | 0.21 | 0.39 | 0.14 | 0.22 |
| Vieux Collonges | MN4 | 32 | 0.08 | 0.08 | 0.08 | 0.07 | 0.18 | 0.03 | 0.11 | 0.16 | 0.01 | 0.04 | 0.00 | 0.01 | 0.17 | 0.04 | 0.10 | 0.16 | 0.02 | 0.01 | 0.02 | 0.21 | 0.01 | 0.03 |
| Beger-1 | MN4 | 5 | 0.86 | 0.38 | 0.85 | 0.85 | 0.42 | 0.79 | 0.88 | 0.89 | 0.74 | 0.78 | 0.65 | 0.70 | 0.42 | 0.32 | 0.39 | 0.41 | 0.77 | 0.67 | 0.31 | 0.43 | 0.24 | 0.31 |
| Antonios | MN4 | 14 | 0.21 | 0.90 | 0.61 | 0.20 | 0.31 | 0.13 | 0.24 | 0.37 | 0.34 | 0.45 | 0.04 | 0.07 | 0.29 | 0.15 | 0.23 | 0.29 | 0.40 | 0.05 | 0.11 | 0.33 | 0.05 | 0.12 |
| Nachola | MN4 | 6 | 0.35 | 0.84 | 0.35 | 0.33 | 0.40 | 0.29 | 0.37 | 0.51 | 0.25 | 0.73 | 0.17 | 0.22 | 0.38 | 0.30 | 0.37 | 0.39 | 0.26 | 0.20 | 0.27 | 0.41 | 0.21 | 0.27 |
| Ulan-Tologoj | MN4 | 7 | 0.76 | 0.30 | 0.74 | 0.75 | 0.37 | 0.63 | 0.78 | 0.38 | 0.86 | 0.64 | 0.44 | 0.52 | 0.36 | 0.23 | 0.31 | 0.37 | 0.59 | 0.48 | 0.22 | 0.39 | 0.15 | 0.22 |
| Muruorot | MN4 | 20 | 0.14 | 0.49 | 0.12 | 0.11 | 0.24 | 0.06 | 0.15 | 0.16 | 0.04 | 0.26 | 0.01 | 0.02 | 0.21 | 0.07 | 0.15 | 0.21 | 0.04 | 0.02 | 0.05 | 0.26 | 0.02 | 0.06 |
| Ad Dabtiyah | MN3 | 10 | 0.28 | 0.94 | 0.26 | 0.24 | 0.33 | 0.18 | 0.27 | 0.26 | 0.13 | 0.55 | 0.34 | 0.11 | 0.79 | 0.19 | 0.28 | 0.34 | 0.15 | 0.35 | 0.16 | 0.37 | 0.10 | 0.18 |
| Aerotrain | MN3 | 12 | 0.22 | 0.62 | 0.22 | 0.22 | 0.33 | 0.14 | 0.23 | 0.44 | 0.36 | 0.14 | 0.22 | 0.32 | 0.77 | 0.16 | 0.25 | 0.30 | 0.11 | 0.28 | 0.13 | 0.34 | 0.08 | 0.14 |
| Akcahisar 1 | MN3 | 5 | 0.35 | 0.83 | 0.34 | 0.33 | 0.41 | 0.28 | 0.35 | 0.51 | 0.23 | 0.28 | 0.18 | 0.23 | 0.39 | 0.29 | 0.37 | 0.88 | 0.28 | 0.20 | 0.26 | 0.43 | 0.21 | 0.27 |
| Armantes 1 | MN3 | 10 | 0.24 | 0.68 | 0.25 | 0.21 | 0.34 | 0.15 | 0.26 | 0.05 | 0.12 | 0.17 | 0.08 | 0.09 | 0.32 | 0.17 | 0.27 | 0.31 | 0.14 | 0.08 | 0.14 | 0.34 | 0.10 | 0.16 |
| Artenay | MN3 | 39 | 0.04 | 0.23 | 0.03 | 0.03 | 0.12 | 0.01 | 0.05 | 0.01 | 0.02 | 0.01 | 0.00 | 0.02 | 0.11 | 0.01 | 0.06 | 0.10 | 0.00 | 0.00 | 0.01 | 0.13 | 0.00 | 0.01 |
| Artesilla | MN3 | 20 | 0.13 | 0.75 | 0.43 | 0.38 | 0.23 | 0.06 | 0.14 | 0.54 | 0.16 | 0.52 | 0.08 | 0.14 | 0.22 | 0.07 | 0.49 | 0.20 | 0.04 | 0.08 | 0.22 | 0.26 | 0.11 | 0.23 |
| B?zian | MN3 | 30 | 0.08 | 0.29 | 0.07 | 0.05 | 0.16 | 0.02 | 0.09 | 0.11 | 0.07 | 0.12 | 0.02 | 0.04 | 0.48 | 0.03 | 0.09 | 0.16 | 0.01 | 0.03 | 0.01 | 0.18 | 0.01 | 0.02 |
| Baggersee Freudene | MN3 | 6 | 0.34 | 0.82 | 0.33 | 0.31 | 0.39 | 0.25 | 0.34 | 0.12 | 0.20 | 0.26 | 0.14 | 0.19 | 0.38 | 0.25 | 0.34 | 0.37 | 0.22 | 0.16 | 0.24 | 0.41 | 0.17 | 0.26 |
| Baggersee Freudene | MN3 | 6 | 0.31 | 0.98 | 0.32 | 0.30 | 0.40 | 0.24 | 0.34 | 0.44 | 0.22 | 0.68 | 0.49 | 0.18 | 0.87 | 0.26 | 0.35 | 0.38 | 0.24 | 0.56 | 0.25 | 0.40 | 0.18 | 0.26 |
| Bu?ol | MN3 | 22 | 0.11 | 0.39 | 0.09 | 0.08 | 0.20 | 0.04 | 0.11 | 0.02 | 0.11 | 0.44 | 0.01 | 0.08 | 0.18 | 0.05 | 0.12 | 0.19 | 0.03 | 0.01 | 0.03 | 0.22 | 0.01 | 0.04 |
| Bukwa | MN3 | 19 | 0.46 | 0.95 | 0.48 | 0.76 | 0.26 | 0.07 | 0.16 | 0.19 | 0.05 | 0.60 | 0.29 | 0.03 | 0.64 | 0.08 | 0.53 | 0.23 | 0.05 | 0.33 | 0.28 | 0.28 | 0.14 | 0.27 |
| Buluk | MN3 | 20 | 0.47 | 0.75 | 0.11 | 0.37 | 0.22 | 0.06 | 0.14 | 0.13 | 0.03 | 0.24 | 0.02 | 0.02 | 0.21 | 0.07 | 0.14 | 0.20 | 0.04 | 0.01 | 0.06 | 0.25 | 0.02 | 0.06 |
| Buluk (West Stephar | MN3 | 12 | 0.22 | 0.89 | 0.58 | 0.57 | 0.31 | 0.11 | 0.22 | 0.66 | 0.09 | 0.76 | 0.20 | 0.07 | 0.30 | 0.14 | 0.64 | 0.30 | 0.11 | 0.25 | 0.42 | 0.33 | 0.28 | 0.46 |
| C?rcoles | MN3 | 11 | 0.28 | 0.71 | 0.26 | 0.24 | 0.35 | 0.17 | 0.28 | 0.06 | 0.13 | 0.17 | 0.08 | 0.12 | 0.33 | 0.59 | 0.27 | 0.32 | 0.16 | 0.09 | 0.18 | 0.36 | 0.10 | 0.18 |
| Can Canals | MN3 | 19 | 0.14 | 0.77 | 0.14 | 0.11 | 0.23 | 0.07 | 0.14 | 0.58 | 0.17 | 0.27 | 0.08 | 0.38 | 0.63 | 0.07 | 0.14 | 0.22 | 0.06 | 0.09 | 0.24 | 0.26 | 0.12 | 0.27 |
| Can Julia | MN3 | 10 | 0.25 | 0.67 | 0.23 | 0.22 | 0.34 | 0.16 | 0.25 | 0.21 | 0.42 | 0.16 | 0.06 | 0.37 | 0.31 | 0.17 | 0.28 | 0.31 | 0.14 | 0.09 | 0.16 | 0.35 | 0.10 | 0.16 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ch?ne de Nav?re | MN3 | 8 | 0.32 | 0.77 | 0.30 | 0.28 | 0.38 | 0.24 | 0.32 | 0.67 | 0.16 | 0.64 | 0.12 | 0.16 | 0.36 | 0.24 | 0.30 | 0.36 | 0.19 | 0.13 | 0.22 | 0.39 | 0.15 | 0.22 |
| Chevilly | MN3 | 10 | 0.26 | 0.67 | 0.24 | 0.20 | 0.33 | 0.15 | 0.27 | 0.50 | 0.40 | 0.15 | 0.28 | 0.42 | 0.78 | 0.17 | 0.26 | 0.32 | 0.14 | 0.30 | 0.15 | 0.36 | 0.09 | 0.17 |
| Dera Bugti 6 | MN3 | 21 | 0.46 | 0.80 | 0.43 | 0.42 | 0.24 | 0.26 | 0.15 | 0.17 | 0.18 | 0.28 | 0.08 | 0.16 | 0.64 | 0.08 | 0.16 | 0.65 | 0.04 | 0.10 | 0.05 | 0.26 | 0.03 | 0.06 |
| Dolnice | MN3 | 5 | 0.38 | 0.37 | 0.37 | 0.36 | 0.43 | 0.31 | 0.38 | 0.59 | 0.28 | 0.30 | 0.23 | 0.27 | 0.42 | 0.34 | 0.38 | 0.43 | 0.30 | 0.24 | 0.31 | 0.45 | 0.25 | 0.31 |
| Eggingen-Mittelhart | MN3 | 25 | 0.10 | 0.40 | 0.11 | 0.08 | 0.21 | 0.04 | 0.11 | 0.03 | 0.12 | 0.21 | 0.01 | 0.11 | 0.20 | 0.06 | 0.14 | 0.19 | 0.03 | 0.01 | 0.03 | 0.23 | 0.02 | 0.04 |
| El Canyet | MN3 | 14 | 0.21 | 0.22 | 0.20 | 0.21 | 0.31 | 0.12 | 0.23 | 0.65 | 0.08 | 0.42 | 0.04 | 0.07 | 0.29 | 0.14 | 0.23 | 0.30 | 0.10 | 0.05 | 0.11 | 0.33 | 0.06 | 0.11 |
| Els Casots | MN3 | 13 | 0.20 | 0.87 | 0.56 | 0.55 | 0.30 | 0.11 | 0.22 | 0.34 | 0.31 | 0.74 | 0.19 | 0.27 | 0.27 | 0.13 | 0.60 | 0.27 | 0.11 | 0.20 | 0.41 | 0.33 | 0.26 | 0.38 |
| Erkertshofen 2 | MN3 | 18 | 0.18 | 0.18 | 0.17 | 0.17 | 0.29 | 0.10 | 0.19 | 0.30 | 0.06 | 0.10 | 0.03 | 0.06 | 0.27 | 0.11 | 0.22 | 0.26 | 0.08 | 0.04 | 0.09 | 0.30 | 0.05 | 0.09 |
| Karungu | MN3 | 6 | 0.40 | 0.40 | 0.41 | 0.40 | 0.44 | 0.36 | 0.41 | 0.70 | 0.31 | 0.84 | 0.27 | 0.30 | 0.44 | 0.37 | 0.40 | 0.43 | 0.34 | 0.29 | 0.35 | 0.45 | 0.30 | 0.35 |
| Karungu (Nira & Kac | MN3 | 28 | 0.62 | 0.31 | 0.06 | 0.05 | 0.17 | 0.03 | 0.09 | 0.03 | 0.01 | 0.11 | 0.08 | 0.04 | 0.49 | 0.03 | 0.09 | 0.15 | 0.01 | 0.10 | 0.02 | 0.20 | 0.03 | 0.12 |
| La Romieu | MN3 | 28 | 0.08 | 0.63 | 0.06 | 0.06 | 0.17 | 0.02 | 0.09 | 0.13 | 0.07 | 0.13 | 0.02 | 0.05 | 0.51 | 0.03 | 0.08 | 0.52 | 0.02 | 0.03 | 0.02 | 0.19 | 0.01 | 0.03 |
| La Romieu superior | MN3 | 10 | 0.26 | 0.26 | 0.25 | 0.26 | 0.34 | 0.19 | 0.26 | 0.82 | 0.13 | 0.56 | 0.08 | 0.12 | 0.34 | 0.18 | 0.28 | 0.82 | 0.16 | 0.10 | 0.16 | 0.36 | 0.11 | 0.18 |
| Langenau 1 | MN3 | 24 | 0.10 | 0.67 | 0.08 | 0.07 | 0.18 | 0.04 | 0.10 | 0.06 | 0.12 | 0.16 | 0.03 | 0.08 | 0.56 | 0.04 | 0.11 | 0.17 | 0.02 | 0.04 | 0.03 | 0.21 | 0.01 | 0.03 |
| Langenau 2 | MN3 | 7 | 0.31 | 0.77 | 0.30 | 0.28 | 0.38 | 0.23 | 0.32 | 0.09 | 0.17 | 0.21 | 0.13 | 0.17 | 0.37 | 0.23 | 0.31 | 0.36 | 0.21 | 0.14 | 0.20 | 0.39 | 0.16 | 0.23 |
| Les Cases de la Valer | MN3 | 8 | 0.27 | 0.28 | 0.28 | 0.25 | 0.36 | 0.18 | 0.29 | 0.29 | 0.15 | 0.58 | 0.11 | 0.14 | 0.34 | 0.21 | 0.28 | 0.35 | 0.18 | 0.12 | 0.19 | 0.36 | 0.13 | 0.19 |
| Locherangan | MN3 | 11 | 0.24 | 0.24 | 0.23 | 0.21 | 0.33 | 0.16 | 0.26 | 0.23 | 0.10 | 0.51 | 0.07 | 0.09 | 0.31 | 0.18 | 0.26 | 0.31 | 0.14 | 0.08 | 0.15 | 0.35 | 0.10 | 0.15 |
| Mfwangano 1 | MN3 | 8 | 0.29 | 0.74 | 0.27 | 0.25 | 0.37 | 0.20 | 0.29 | 0.07 | 0.16 | 0.19 | 0.11 | 0.15 | 0.35 | 0.23 | 0.28 | 0.34 | 0.17 | 0.11 | 0.19 | 0.38 | 0.13 | 0.20 |
| Mfwangano 2 | MN3 | 13 | 0.63 | 0.63 | 0.58 | 0.57 | 0.30 | 0.13 | 0.24 | 0.38 | 0.09 | 0.74 | 0.50 | 0.30 | 0.29 | 0.14 | 0.64 | 0.28 | 0.09 | 0.53 | 0.41 | 0.33 | 0.57 | 0.74 |
| Mfwangano 3 | MN3 | 17 | 0.57 | 0.52 | 0.52 | 0.49 | 0.28 | 0.08 | 0.18 | 0.25 | 0.05 | 0.67 | 0.35 | 0.21 | 0.25 | 0.11 | 0.59 | 0.25 | 0.07 | 0.40 | 0.33 | 0.30 | 0.43 | 0.67 |
| Mfwangano 5 | MN3 | 11 | 0.70 | 0.26 | 0.24 | 0.25 | 0.35 | 0.18 | 0.29 | 0.26 | 0.13 | 0.57 | 0.35 | 0.43 | 0.33 | 0.19 | 0.25 | 0.32 | 0.15 | 0.36 | 0.15 | 0.36 | 0.40 | 0.52 |
| Mokra | MN3 | 6 | 0.35 | 0.80 | 0.33 | 0.30 | 0.40 | 0.25 | 0.35 | 0.12 | 0.22 | 0.24 | 0.49 | 0.18 | 0.86 | 0.27 | 0.33 | 0.37 | 0.24 | 0.52 | 0.23 | 0.40 | 0.17 | 0.25 |
| Moli Calopa | MN3 | 15 | 0.19 | 0.19 | 0.17 | 0.15 | 0.28 | 0.09 | 0.20 | 0.76 | 0.25 | 0.38 | 0.03 | 0.24 | 0.27 | 0.11 | 0.20 | 0.26 | 0.08 | 0.03 | 0.09 | 0.30 | 0.04 | 0.10 |
| Montreal-du-Gers | MN3 | 17 | 0.16 | 0.82 | 0.14 | 0.14 | 0.26 | 0.08 | 0.18 | 0.06 | 0.05 | 0.07 | 0.10 | 0.03 | 0.68 | 0.09 | 0.16 | 0.24 | 0.06 | 0.13 | 0.07 | 0.29 | 0.03 | 0.07 |
| Mun?brega 1 | MN3 | 7 | 0.30 | 0.30 | 0.29 | 0.28 | 0.38 | 0.22 | 0.31 | 0.09 | 0.19 | 0.23 | 0.12 | 0.16 | 0.36 | 0.24 | 0.31 | 0.35 | 0.20 | 0.13 | 0.21 | 0.39 | 0.16 | 0.22 |
| Mun?brega 3 | MN3 | 6 | 0.32 | 0.80 | 0.32 | 0.31 | 0.39 | 0.25 | 0.32 | 0.12 | 0.22 | 0.26 | 0.15 | 0.19 | 0.38 | 0.27 | 0.34 | 0.37 | 0.23 | 0.16 | 0.25 | 0.40 | 0.19 | 0.23 |
| Oberdorf 4 (O4) | MN3 | 7 | 0.35 | 0.35 | 0.34 | 0.33 | 0.40 | 0.28 | 0.35 | 0.82 | 0.26 | 0.73 | 0.19 | 0.24 | 0.40 | 0.30 | 0.36 | 0.39 | 0.28 | 0.20 | 0.27 | 0.42 | 0.22 | 0.26 |
| Pellecahus | MN3 | 27 | 0.09 | 0.34 | 0.09 | 0.06 | 0.18 | 0.03 | 0.09 | 0.14 | 0.01 | 0.15 | 0.00 | 0.02 | 0.16 | 0.03 | 0.10 | 0.16 | 0.02 | 0.01 | 0.03 | 0.21 | 0.00 | 0.03 |
| Petersbuch 2 | MN3 | 15 | 0.24 | 0.25 | 0.23 | 0.21 | 0.33 | 0.16 | 0.26 | 0.22 | 0.12 | 0.15 | 0.07 | 0.10 | 0.32 | 0.17 | 0.26 | 0.31 | 0.13 | 0.08 | 0.14 | 0.35 | 0.08 | 0.14 |
| Petersbuch 8 | MN3 | 8 | 0.29 | 0.27 | 0.26 | 0.26 | 0.36 | 0.20 | 0.31 | 0.64 | 0.16 | 0.19 | 0.10 | 0.13 | 0.35 | 0.20 | 0.30 | 0.35 | 0.18 | 0.11 | 0.19 | 0.37 | 0.13 | 0.20 |
| Quinta da Farinheira | MN3 | 6 | 0.34 | 0.79 | 0.32 | 0.31 | 0.38 | 0.24 | 0.33 | 0.43 | 0.22 | 0.25 | 0.15 | 0.19 | 0.38 | 0.27 | 0.33 | 0.38 | 0.23 | 0.17 | 0.22 | 0.40 | 0.18 | 0.24 |
| Rusinga (-) | MN3 | 29 | 0.34 | 0.87 | 0.30 | 0.58 | 0.18 | 0.02 | 0.10 | 0.13 | 0.01 | 0.37 | 0.09 | 0.01 | 0.51 | 0.04 | 0.35 | 0.16 | 0.02 | 0.12 | 0.14 | 0.20 | 0.05 | 0.15 |
| Rusinga (Gumba) | MN3 | 23 | 0.71 | 0.71 | 0.36 | 0.63 | 0.20 | 0.04 | 0.14 | 0.21 | 0.03 | 0.44 | 0.37 | 0.08 | 0.56 | 0.05 | 0.42 | 0.19 | 0.03 | 0.38 | 0.17 | 0.22 | 0.23 | 0.43 |
| Rusinga (Hiwegi wes | MN3 | 16 | 0.57 | 0.85 | 0.54 | 0.51 | 0.28 | 0.10 | 0.19 | 0.29 | 0.07 | 0.68 | 0.39 | 0.06 | 0.70 | 0.12 | 0.58 | 0.27 | 0.09 | 0.46 | 0.35 | 0.31 | 0.21 | 0.37 |
| Rusinga (Hiwegi) | MN3 | 37 | 0.55 | 0.53 | 0.22 | 0.20 | 0.15 | 0.01 | 0.07 | 0.06 | 0.01 | 0.23 | 0.13 | 0.03 | 0.43 | 0.02 | 0.29 | 0.12 | 0.01 | 0.16 | 0.08 | 0.16 | 0.08 | 0.25 |
| Rusinga (Kalim) | MN3 | 7 | 0.76 | 0.96 | 0.75 | 0.74 | 0.36 | 0.22 | 0.32 | 0.36 | 0.19 | 0.67 | 0.76 | 0.17 | 0.84 | 0.23 | 0.78 | 0.37 | 0.20 | 0.79 | 0.62 | 0.39 | 0.51 | 0.63 |
| Rusinga (Kathwanga | MN3 | 36 | 0.58 | 0.56 | 0.23 | 0.22 | 0.15 | 0.01 | 0.08 | 0.02 | 0.01 | 0.28 | 0.13 | 0.03 | 0.45 | 0.02 | 0.29 | 0.13 | 0.01 | 0.18 | 0.07 | 0.18 | 0.09 | 0.26 |
| Rusinga (kiahera hill | MN3 | 18 | 0.54 | 0.80 | 0.80 | 0.77 | 0.26 | 0.33 | 0.57 | 0.47 | 0.23 | 0.63 | 0.31 | 0.04 | 0.24 | 0.10 | 0.54 | 0.68 | 0.06 | 0.37 | 0.60 | 0.29 | 0.43 | 0.63 |
| Rusinga (Kiyune) | MN3 | 13 | 0.66 | 0.64 | 0.65 | 0.63 | 0.33 | 0.13 | 0.25 | 0.44 | 0.09 | 0.78 | 0.26 | 0.09 | 0.31 | 0.16 | 0.65 | 0.30 | 0.11 | 0.28 | 0.46 | 0.34 | 0.32 | 0.46 |
| Rusinga (kulu) | MN3 | 26 | 0.40 | 0.10 | 0.09 | 0.29 | 0.19 | 0.04 | 0.10 | 0.06 | 0.01 | 0.17 | 0.00 | 0.01 | 0.18 | 0.05 | 0.10 | 0.17 | 0.02 | 0.00 | 0.03 | 0.23 | 0.01 | 0.03 |
| Rusinga (Nyamsingu | MN3 | 22 | 0.73 | 0.45 | 0.39 | 0.68 | 0.23 | 0.05 | 0.13 | 0.27 | 0.02 | 0.49 | 0.19 | 0.12 | 0.19 | 0.06 | 0.47 | 0.19 | 0.04 | 0.23 | 0.24 | 0.25 | 0.29 | 0.50 |
| Rusinga (R 113) | MN3 | 10 | 0.67 | 0.69 | 0.24 | 0.21 | 0.34 | 0.16 | 0.26 | 0.22 | 0.11 | 0.17 | 0.28 | 0.10 | 0.80 | 0.18 | 0.26 | 0.32 | 0.15 | 0.32 | 0.15 | 0.36 | 0.09 | 0.15 |
| Rusinga (R 114) | MN3 | 9 | 0.28 | 0.29 | 0.27 | 0.27 | 0.35 | 0.20 | 0.29 | 0.30 | 0.15 | 0.57 | 0.10 | 0.13 | 0.35 | 0.20 | 0.30 | 0.34 | 0.17 | 0.11 | 0.19 | 0.37 | 0.12 | 0.20 |
| Rusinga (R105) | MN3 | 14 | 0.21 | 0.21 | 0.20 | 0.19 | 0.29 | 0.11 | 0.24 | 0.16 | 0.09 | 0.43 | 0.05 | 0.06 | 0.29 | 0.14 | 0.22 | 0.28 | 0.11 | 0.05 | 0.12 | 0.33 | 0.06 | 0.11 |
| Rusinga (R106) | MN3 | 28 | 0.66 | 0.37 | 0.30 | 0.29 | 0.18 | 0.03 | 0.10 | 0.06 | 0.02 | 0.38 | 0.13 | 0.07 | 0.19 | 0.04 | 0.40 | 0.17 | 0.02 | 0.16 | 0.14 | 0.21 | 0.19 | 0.37 |
| Rusinga (R107) | MN3 | 13 | 0.22 | 0.21 | 0.18 | 0.19 | 0.31 | 0.13 | 0.23 | 0.38 | 0.08 | 0.44 | 0.04 | 0.07 | 0.29 | 0.14 | 0.23 | 0.30 | 0.09 | 0.06 | 0.11 | 0.34 | 0.06 | 0.13 |
| Rusinga (R3) | MN3 | 34 | 0.28 | 0.26 | 0.22 | 0.22 | 0.16 | 0.01 | 0.07 | 0.06 | 0.01 | 0.26 | 0.05 | 0.03 | 0.12 | 0.02 | 0.28 | 0.12 | 0.01 | 0.06 | 0.08 | 0.18 | 0.09 | 0.26 |
| Rusinga (R7) | MN3 | 5 | 0.84 | 0.98 | 0.83 | 0.79 | 0.41 | 0.29 | 0.36 | 0.83 | 0.24 | 0.95 | 0.86 | 0.22 | 0.89 | 0.29 | 0.84 | 0.40 | 0.26 | 0.87 | 0.73 | 0.43 | 0.61 | 0.73 |
| Rusinga (Sienga) | MN3 | 6 | 0.32 | 0.79 | 0.80 | 0.78 | 0.39 | 0.25 | 0.33 | 0.76 | 0.20 | 0.92 | 0.49 | 0.20 | 0.38 | 0.27 | 0.83 | 0.37 | 0.24 | 0.54 | 0.66 | 0.40 | 0.57 | 0.70 |
| Rusinga (Wakondu) | MN3 | 9 | 0.26 | 0.71 | 0.68 | 0.69 | 0.34 | 0.17 | 0.28 | 0.83 | 0.13 | 0.85 | 0.33 | 0.13 | 0.34 | 0.19 | 0.75 | 0.32 | 0.16 | 0.37 | 0.53 | 0.37 | 0.39 | 0.57 |
| Rusinga (Wayondo) | MN3 | 21 | 0.46 | 0.47 | 0.13 | 0.12 | 0.25 | 0.07 | 0.15 | 0.14 | 0.03 | 0.27 | 0.08 | 0.03 | 0.63 | 0.08 | 0.15 | 0.25 | 0.05 | 0.10 | 0.06 | 0.26 | 0.02 | 0.06 |
| Ryskop | MN3 | 7 | 0.32 | 0.32 | 0.32 | 0.31 | 0.38 | 0.24 | 0.34 | 0.12 | 0.20 | 0.26 | 0.15 | 0.19 | 0.37 | 0.26 | 0.33 | 0.38 | 0.23 | 0.17 | 0.24 | 0.40 | 0.18 | 0.24 |
| S?rido | MN3 | 5 | 0.35 | 0.35 | 0.34 | 0.33 | 0.41 | 0.29 | 0.36 | 0.51 | 0.25 | 0.28 | 0.18 | 0.21 | 0.39 | 0.30 | 0.35 | 0.39 | 0.25 | 0.21 | 0.28 | 0.43 | 0.20 | 0.30 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sant Mamet | MN3 | 16 | 0.17 | 0.53 | 0.16 | 0.15 | 0.27 | 0.09 | 0.19 | 0.48 | 0.05 | 0.34 | 0.02 | 0.05 | 0.25 | 0.12 | 0.20 | 0.25 | 0.08 | 0.03 | 0.08 | 0.29 | 0.04 | 0.10 |
| Sihong-shuanggou | MN3 | 6 | 0.32 | 0.32 | 0.32 | 0.31 | 0.39 | 0.24 | 0.34 | 0.44 | 0.61 | 0.67 | 0.17 | 0.58 | 0.38 | 0.26 | 0.34 | 0.38 | 0.22 | 0.16 | 0.23 | 0.40 | 0.18 | 0.25 |
| Sihong-songlinzhuar | MN3 | 17 | 0.49 | 0.50 | 0.46 | 0.45 | 0.26 | 0.31 | 0.52 | 0.18 | 0.46 | 0.28 | 0.10 | 0.03 | 0.22 | 0.08 | 0.16 | 0.65 | 0.06 | 0.13 | 0.25 | 0.27 | 0.14 | 0.28 |
| Tavers | MN3 | 6 | 0.33 | 0.33 | 0.32 | 0.30 | 0.38 | 0.25 | 0.33 | 0.11 | 0.62 | 0.25 | 0.14 | 0.57 | 0.36 | 0.25 | 0.32 | 0.38 | 0.24 | 0.16 | 0.24 | 0.40 | 0.18 | 0.24 |
| Uyoma 12 (Rangoye | MN3 | 6 | 0.79 | 0.80 | 0.97 | 0.97 | 0.39 | 0.70 | 0.82 | 0.77 | 0.63 | 0.93 | 0.83 | 0.55 | 0.39 | 0.26 | 0.81 | 0.37 | 0.65 | 0.85 | 0.67 | 0.41 | 0.56 | 0.68 |
| Uyoma 2 (Chianda N | MN3 | 13 | 0.20 | 0.98 | 0.56 | 0.58 | 0.31 | 0.13 | 0.23 | 0.38 | 0.09 | 0.75 | 0.50 | 0.07 | 0.74 | 0.14 | 0.65 | 0.28 | 0.11 | 0.54 | 0.40 | 0.33 | 0.28 | 0.44 |
| Valtorres | MN3 | 5 | 0.34 | 0.35 | 0.35 | 0.34 | 0.42 | 0.27 | 0.34 | 0.13 | 0.25 | 0.28 | 0.18 | 0.22 | 0.40 | 0.29 | 0.36 | 0.40 | 0.26 | 0.20 | 0.28 | 0.42 | 0.21 | 0.29 |
| Auverse MN3/5 | MN3 | 5 | 0.35 | 0.34 | 0.35 | 0.33 | 0.41 | 0.29 | 0.36 | 0.15 | 0.24 | 0.29 | 0.18 | 0.21 | 0.40 | 0.30 | 0.35 | 0.38 | 0.27 | 0.19 | 0.27 | 0.41 | 0.21 | 0.28 |
| Channay-sur-Lathan | MN3 | 5 | 0.34 | 0.36 | 0.33 | 0.34 | 0.40 | 0.29 | 0.35 | 0.16 | 0.23 | 0.27 | 0.18 | 0.23 | 0.39 | 0.30 | 0.34 | 0.40 | 0.26 | 0.21 | 0.27 | 0.42 | 0.23 | 0.28 |
| Chavaignes MN3/5 | MN3 | 5 | 0.35 | 0.35 | 0.35 | 0.33 | 0.41 | 0.28 | 0.36 | 0.14 | 0.24 | 0.26 | 0.19 | 0.22 | 0.40 | 0.29 | 0.36 | 0.40 | 0.26 | 0.20 | 0.28 | 0.41 | 0.21 | 0.28 |
| Pontign? MN3/5 | MN3 | 5 | 0.34 | 0.34 | 0.34 | 0.34 | 0.41 | 0.28 | 0.38 | 0.16 | 0.24 | 0.28 | 0.18 | 0.21 | 0.39 | 0.28 | 0.36 | 0.39 | 0.28 | 0.19 | 0.28 | 0.43 | 0.22 | 0.27 |
| Gebel Zelten | MN3 | 29 | 0.31 | 0.96 | 0.60 | 0.55 | 0.17 | 0.35 | 0.35 | 0.65 | 0.22 | 0.60 | 0.21 | 0.05 | 0.48 | 0.03 | 0.09 | 0.51 | 0.11 | 0.26 | 0.01 | 0.20 | 0.00 | 0.02 |
| Khirgis-Nur I-Oshin | MN3 | 5 | 0.35 | 0.35 | 0.34 | 0.33 | 0.42 | 0.29 | 0.35 | 0.51 | 0.68 | 0.27 | 0.18 | 0.22 | 0.41 | 0.30 | 0.35 | 0.40 | 0.26 | 0.19 | 0.28 | 0.42 | 0.22 | 0.29 |
| Albertine 12 | MN3 | 5 | 0.35 | 0.83 | 0.34 | 0.33 | 0.41 | 0.28 | 0.36 | 0.49 | 0.24 | 0.28 | 0.86 | 0.23 | 0.87 | 0.31 | 0.35 | 0.39 | 0.27 | 0.89 | 0.27 | 0.41 | 0.21 | 0.28 |
| Bestyube | MN3 | 7 | 0.28 | 0.79 | 0.29 | 0.29 | 0.38 | 0.23 | 0.32 | 0.08 | 0.57 | 0.22 | 0.12 | 0.16 | 0.36 | 0.23 | 0.31 | 0.36 | 0.19 | 0.13 | 0.19 | 0.39 | 0.14 | 0.22 |
| Loperot | MN3 | 6 | 0.32 | 0.98 | 0.78 | 1.00 | 0.39 | 0.24 | 0.34 | 0.74 | 0.21 | 0.94 | 0.48 | 0.20 | 0.39 | 0.25 | 0.81 | 0.38 | 0.21 | 0.53 | 0.67 | 0.41 | 0.55 | 0.69 |
| Moroto II | MN3 | 15 | 0.18 | 0.97 | 0.51 | 0.50 | 0.28 | 0.08 | 0.21 | 0.08 | 0.05 | 0.33 | 0.12 | 0.05 | 0.25 | 0.10 | 0.56 | 0.26 | 0.07 | 0.15 | 0.31 | 0.31 | 0.20 | 0.35 |
| Napak | MN3 | 28 | 0.31 | 0.63 | 0.08 | 0.06 | 0.17 | 0.03 | 0.08 | 0.04 | 0.01 | 0.02 | 0.02 | 0.01 | 0.52 | 0.04 | 0.09 | 0.49 | 0.02 | 0.02 | 0.02 | 0.20 | 0.01 | 0.03 |
| Napak I | MN3 | 16 | 0.17 | 0.85 | 0.51 | 0.50 | 0.26 | 0.09 | 0.18 | 0.25 | 0.06 | 0.65 | 0.35 | 0.05 | 0.68 | 0.09 | 0.57 | 0.25 | 0.08 | 0.40 | 0.34 | 0.30 | 0.18 | 0.34 |
| Napak IV | MN3 | 12 | 0.22 | 0.23 | 0.23 | 0.21 | 0.32 | 0.13 | 0.24 | 0.19 | 0.10 | 0.45 | 0.05 | 0.08 | 0.31 | 0.17 | 0.25 | 0.30 | 0.11 | 0.06 | 0.13 | 0.34 | 0.09 | 0.14 |
| Napak IX | MN3 | 6 | 0.35 | 0.35 | 0.34 | 0.34 | 0.42 | 0.27 | 0.36 | 0.52 | 0.24 | 0.74 | 0.20 | 0.23 | 0.39 | 0.30 | 0.35 | 0.40 | 0.26 | 0.21 | 0.26 | 0.42 | 0.21 | 0.28 |
| Napak V | MN3 | 11 | 0.28 | 0.73 | 0.28 | 0.27 | 0.35 | 0.19 | 0.29 | 0.30 | 0.15 | 0.59 | 0.10 | 0.14 | 0.36 | 0.20 | 0.28 | 0.34 | 0.18 | 0.11 | 0.19 | 0.37 | 0.12 | 0.19 |
| Olkhon (Tagai) | MN3 | 10 | 0.24 | 0.25 | 0.23 | 0.22 | 0.81 | 0.16 | 0.26 | 0.21 | 0.45 | 0.14 | 0.06 | 0.10 | 0.33 | 0.18 | 0.26 | 0.31 | 0.13 | 0.08 | 0.17 | 0.35 | 0.08 | 0.16 |
| Pasuda | MN3 | 8 | 0.29 | 0.95 | 0.74 | 0.70 | 0.36 | 0.20 | 0.75 | 0.60 | 0.16 | 0.87 | 0.91 | 0.47 | 0.83 | 0.62 | 0.74 | 0.35 | 0.55 | 0.93 | 0.87 | 0.37 | 0.77 | 0.87 |
| Wadi Moghara | MN3 | 24 | 0.10 | 0.90 | 0.10 | 0.07 | 0.60 | 0.04 | 0.09 | 0.17 | 0.02 | 0.19 | 0.04 | 0.01 | 0.54 | 0.04 | 0.10 | 0.56 | 0.02 | 0.05 | 0.03 | 0.22 | 0.01 | 0.04 |
| Aktau middle | MN3 | 6 | 0.32 | 0.80 | 0.33 | 0.29 | 0.38 | 0.25 | 0.35 | 0.12 | 0.21 | 0.25 | 0.15 | 0.20 | 0.39 | 0.26 | 0.34 | 0.39 | 0.22 | 0.16 | 0.25 | 0.40 | 0.18 | 0.24 |
| Negev | MN3 | 11 | 0.93 | 0.68 | 0.67 | 0.62 | 0.34 | 0.51 | 0.70 | 0.47 | 0.43 | 0.80 | 0.29 | 0.34 | 0.31 | 0.16 | 0.26 | 0.32 | 0.48 | 0.30 | 0.15 | 0.35 | 0.09 | 0.15 |
| Nyanza 2 (Chamtwa | MN3 | 20 | 0.55 | 0.18 | 0.15 | 0.15 | 0.26 | 0.08 | 0.17 | 0.06 | 0.05 | 0.30 | 0.11 | 0.18 | 0.25 | 0.08 | 0.18 | 0.24 | 0.06 | 0.14 | 0.08 | 0.28 | 0.17 | 0.31 |
| Agreda | MN3 | 5 | 0.35 | 0.36 | 0.36 | 0.34 | 0.39 | 0.28 | 0.35 | 0.14 | 0.26 | 0.29 | 0.19 | 0.23 | 0.39 | 0.30 | 0.36 | 0.42 | 0.26 | 0.19 | 0.26 | 0.41 | 0.22 | 0.29 |
| Auchas | MN3 | 5 | 0.36 | 0.99 | 0.82 | 0.82 | 0.41 | 0.30 | 0.36 | 0.51 | 0.23 | 0.72 | 0.57 | 0.21 | 0.41 | 0.28 | 0.84 | 0.40 | 0.27 | 0.59 | 0.73 | 0.42 | 0.63 | 0.73 |
| Auverse MN3 | MN3 | 20 | 0.14 | 0.13 | 0.12 | 0.12 | 0.24 | 0.07 | 0.16 | 0.15 | 0.19 | 0.06 | 0.02 | 0.13 | 0.23 | 0.07 | 0.15 | 0.23 | 0.04 | 0.02 | 0.05 | 0.27 | 0.02 | 0.06 |
| Beaulieu | MN3 | 7 | 0.30 | 0.30 | 0.30 | 0.29 | 0.38 | 0.23 | 0.32 | 0.36 | 0.17 | 0.23 | 0.13 | 0.17 | 0.36 | 0.23 | 0.32 | 0.37 | 0.18 | 0.14 | 0.22 | 0.40 | 0.15 | 0.23 |
| Channay-sur-Lathan | MN3 | 8 | 0.28 | 0.28 | 0.29 | 0.26 | 0.36 | 0.20 | 0.29 | 0.08 | 0.15 | 0.19 | 0.11 | 0.13 | 0.36 | 0.22 | 0.30 | 0.35 | 0.18 | 0.11 | 0.20 | 0.37 | 0.13 | 0.18 |
| Chavaignes MN3 | MN3 | 8 | 0.29 | 0.28 | 0.28 | 0.27 | 0.35 | 0.20 | 0.29 | 0.07 | 0.15 | 0.20 | 0.10 | 0.13 | 0.35 | 0.20 | 0.29 | 0.36 | 0.18 | 0.11 | 0.19 | 0.37 | 0.13 | 0.19 |
| Chilleurs-aux-Bois | MN3 | 13 | 0.20 | 0.21 | 0.18 | 0.18 | 0.29 | 0.11 | 0.21 | 0.02 | 0.30 | 0.12 | 0.04 | 0.28 | 0.27 | 0.13 | 0.21 | 0.28 | 0.10 | 0.05 | 0.10 | 0.32 | 0.05 | 0.11 |
| Chitenay | MN3 | 17 | 0.16 | 0.16 | 0.14 | 0.12 | 0.26 | 0.07 | 0.16 | 0.01 | 0.20 | 0.08 | 0.02 | 0.16 | 0.22 | 0.07 | 0.18 | 0.22 | 0.06 | 0.02 | 0.06 | 0.26 | 0.02 | 0.07 |
| Costa Blanca -2 | MN3 | 8 | 0.33 | 0.33 | 0.32 | 0.30 | 0.39 | 0.25 | 0.34 | 0.12 | 0.20 | 0.23 | 0.15 | 0.18 | 0.38 | 0.27 | 0.34 | 0.38 | 0.23 | 0.15 | 0.24 | 0.41 | 0.16 | 0.24 |
| D?nez?-sous-le-Lude | MN3 | 12 | 0.21 | 0.21 | 0.21 | 0.19 | 0.30 | 0.12 | 0.22 | 0.17 | 0.09 | 0.14 | 0.04 | 0.07 | 0.29 | 0.14 | 0.22 | 0.28 | 0.10 | 0.06 | 0.12 | 0.33 | 0.07 | 0.13 |
| Dera Bugti 4 | MN3 | 21 | 0.44 | 0.78 | 0.12 | 0.10 | 0.24 | 0.05 | 0.14 | 0.04 | 0.17 | 0.23 | 0.07 | 0.12 | 0.60 | 0.07 | 0.14 | 0.21 | 0.04 | 0.08 | 0.05 | 0.27 | 0.02 | 0.06 |
| Dera Bugti 5 | MN3 | 6 | 0.34 | 0.80 | 0.80 | 0.76 | 0.39 | 0.69 | 0.33 | 0.42 | 0.21 | 0.71 | 0.15 | 0.17 | 0.38 | 0.25 | 0.34 | 0.38 | 0.21 | 0.17 | 0.23 | 0.40 | 0.18 | 0.26 |
| Estrepouy | MN3 | 11 | 0.23 | 0.64 | 0.22 | 0.21 | 0.32 | 0.14 | 0.25 | 0.19 | 0.09 | 0.14 | 0.06 | 0.09 | 0.30 | 0.14 | 0.25 | 0.31 | 0.12 | 0.07 | 0.13 | 0.35 | 0.07 | 0.13 |
| Frankfurt-Nordbassi | MN3 | 8 | 0.29 | 0.28 | 0.28 | 0.28 | 0.36 | 0.20 | 0.29 | 0.60 | 0.15 | 0.18 | 0.11 | 0.15 | 0.34 | 0.21 | 0.27 | 0.35 | 0.17 | 0.12 | 0.19 | 0.38 | 0.13 | 0.20 |
| Genneteil MN3 | MN3 | 8 | 0.29 | 0.31 | 0.29 | 0.28 | 0.37 | 0.22 | 0.32 | 0.10 | 0.18 | 0.22 | 0.13 | 0.16 | 0.36 | 0.25 | 0.32 | 0.37 | 0.20 | 0.15 | 0.21 | 0.39 | 0.15 | 0.21 |
| Hommes MN3 | MN3 | 16 | 0.19 | 0.18 | 0.17 | 0.16 | 0.28 | 0.09 | 0.20 | 0.01 | 0.29 | 0.10 | 0.03 | 0.21 | 0.26 | 0.11 | 0.19 | 0.27 | 0.09 | 0.04 | 0.08 | 0.30 | 0.04 | 0.10 |
| La Brosse | MN3 | 17 | 0.14 | 0.16 | 0.15 | 0.12 | 0.26 | 0.07 | 0.16 | 0.17 | 0.04 | 0.07 | 0.01 | 0.04 | 0.24 | 0.09 | 0.17 | 0.22 | 0.05 | 0.02 | 0.06 | 0.27 | 0.03 | 0.07 |
| Lasse MN3 | MN3 | 17 | 0.16 | 0.16 | 0.15 | 0.13 | 0.26 | 0.07 | 0.16 | 0.07 | 0.04 | 0.08 | 0.02 | 0.04 | 0.24 | 0.09 | 0.17 | 0.24 | 0.06 | 0.02 | 0.08 | 0.28 | 0.04 | 0.08 |
| Les Beilleaux | MN3 | 21 | 0.13 | 0.12 | 0.11 | 0.10 | 0.22 | 0.05 | 0.13 | 0.03 | 0.14 | 0.04 | 0.01 | 0.11 | 0.21 | 0.07 | 0.14 | 0.19 | 0.04 | 0.01 | 0.05 | 0.24 | 0.02 | 0.04 |
| M?on MN3 | MN3 | 8 | 0.28 | 0.28 | 0.27 | 0.25 | 0.36 | 0.20 | 0.29 | 0.31 | 0.17 | 0.19 | 0.10 | 0.14 | 0.35 | 0.21 | 0.30 | 0.36 | 0.18 | 0.10 | 0.19 | 0.38 | 0.13 | 0.19 |
| Mangyshlak | MN3 | 8 | 0.40 | 0.42 | 0.39 | 0.40 | 0.44 | 0.35 | 0.41 | 0.25 | 0.32 | 0.37 | 0.26 | 0.29 | 0.44 | 0.37 | 0.41 | 0.43 | 0.35 | 0.30 | 0.35 | 0.45 | 0.31 | 0.35 |
| Marsolan | MN3 | 7 | 0.30 | 0.29 | 0.29 | 0.29 | 0.39 | 0.21 | 0.31 | 0.37 | 0.18 | 0.23 | 0.12 | 0.16 | 0.36 | 0.24 | 0.31 | 0.37 | 0.20 | 0.14 | 0.22 | 0.39 | 0.15 | 0.23 |
| Mauvi?res | MN3 | 15 | 0.18 | 0.17 | 0.16 | 0.16 | 0.27 | 0.10 | 0.18 | 0.26 | 0.26 | 0.08 | 0.02 | 0.22 | 0.27 | 0.10 | 0.19 | 0.25 | 0.07 | 0.03 | 0.09 | 0.32 | 0.04 | 0.09 |
| Meign?-le-Vicomte I | MN3 | 10 | 0.24 | 0.24 | 0.23 | 0.22 | 0.33 | 0.16 | 0.26 | 0.04 | 0.11 | 0.17 | 0.07 | 0.11 | 0.32 | 0.18 | 0.25 | 0.32 | 0.14 | 0.07 | 0.15 | 0.35 | 0.08 | 0.14 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Merkur-North | MN3 | 26 | 0.09 | 0.09 | 0.08 | 0.08 | 0.17 | 0.03 | 0.10 | 0.01 | 0.08 | 0.04 | 0.00 | 0.07 | 0.17 | 0.04 | 0.10 | 0.18 | 0.02 | 0.01 | 0.03 | 0.21 | 0.01 | 0.03 |
| Moratilla 1 | MN3 | 7 | 0.30 | 0.31 | 0.29 | 0.28 | 0.38 | 0.22 | 0.32 | 0.37 | 0.17 | 0.22 | 0.12 | 0.17 | 0.37 | 0.24 | 0.32 | 0.36 | 0.20 | 0.13 | 0.22 | 0.40 | 0.16 | 0.23 |
| Nav?re | MN3 | 6 | 0.36 | 0.84 | 0.34 | 0.32 | 0.40 | 0.29 | 0.37 | 0.52 | 0.25 | 0.28 | 0.18 | 0.22 | 0.41 | 0.29 | 0.36 | 0.40 | 0.26 | 0.19 | 0.26 | 0.42 | 0.21 | 0.28 |
| Neuville-aux-Bois | MN3 | 10 | 0.24 | 0.24 | 0.23 | 0.22 | 0.33 | 0.15 | 0.25 | 0.04 | 0.41 | 0.15 | 0.06 | 0.37 | 0.31 | 0.18 | 0.27 | 0.34 | 0.14 | 0.08 | 0.16 | 0.35 | 0.09 | 0.16 |
| Noyant-sous-le-Lude | MN3 | 29 | 0.08 | 0.08 | 0.07 | 0.07 | 0.17 | 0.02 | 0.09 | 0.01 | 0.09 | 0.03 | 0.00 | 0.04 | 0.15 | 0.04 | 0.09 | 0.16 | 0.02 | 0.00 | 0.02 | 0.19 | 0.00 | 0.03 |
| Nyanza 11 (legetet 1 | MN3 | 10 | 0.29 | 0.29 | 0.27 | 0.25 | 0.37 | 0.21 | 0.29 | 0.30 | 0.15 | 0.58 | 0.10 | 0.13 | 0.36 | 0.21 | 0.30 | 0.34 | 0.18 | 0.11 | 0.19 | 0.38 | 0.13 | 0.19 |
| Nyanza 12 (Legetet : | MN3 | 6 | 0.82 | 0.35 | 0.35 | 0.33 | 0.40 | 0.28 | 0.36 | 0.49 | 0.24 | 0.71 | 0.56 | 0.62 | 0.39 | 0.30 | 0.35 | 0.40 | 0.26 | 0.58 | 0.29 | 0.42 | 0.64 | 0.74 |
| Nyanza 14 (Legete 1 | MN3 | 10 | 0.29 | 0.30 | 0.27 | 0.27 | 0.37 | 0.20 | 0.30 | 0.30 | 0.15 | 0.57 | 0.10 | 0.14 | 0.34 | 0.21 | 0.29 | 0.34 | 0.17 | 0.12 | 0.18 | 0.37 | 0.11 | 0.21 |
| Nyanza 15 (Legetet : | MN3 | 5 | 0.38 | 0.38 | 0.37 | 0.36 | 0.42 | 0.30 | 0.38 | 0.58 | 0.27 | 0.79 | 0.22 | 0.27 | 0.42 | 0.33 | 0.39 | 0.41 | 0.32 | 0.24 | 0.31 | 0.44 | 0.25 | 0.32 |
| Nyanza 20 (Legetet : | MN3 | 8 | 0.33 | 0.33 | 0.32 | 0.30 | 0.40 | 0.26 | 0.33 | 0.44 | 0.20 | 0.69 | 0.15 | 0.19 | 0.38 | 0.27 | 0.34 | 0.39 | 0.21 | 0.17 | 0.22 | 0.40 | 0.18 | 0.26 |
| Nyanza 25 (Mteitei 2 | MN3 | 9 | 0.72 | 0.28 | 0.26 | 0.25 | 0.38 | 0.20 | 0.31 | 0.31 | 0.15 | 0.60 | 0.39 | 0.47 | 0.35 | 0.22 | 0.30 | 0.35 | 0.17 | 0.42 | 0.20 | 0.38 | 0.43 | 0.59 |
| Nyanza 26 (Mteitei 2 | MN3 | 7 | 0.33 | 0.34 | 0.30 | 0.29 | 0.40 | 0.25 | 0.33 | 0.45 | 0.22 | 0.68 | 0.15 | 0.20 | 0.37 | 0.28 | 0.35 | 0.38 | 0.21 | 0.16 | 0.24 | 0.40 | 0.18 | 0.24 |
| Nyanza 7 (Koru 16) | MN3 | 5 | 0.38 | 0.37 | 0.37 | 0.37 | 0.42 | 0.33 | 0.37 | 0.19 | 0.28 | 0.31 | 0.24 | 0.26 | 0.41 | 0.33 | 0.38 | 0.42 | 0.30 | 0.23 | 0.31 | 0.43 | 0.25 | 0.32 |
| Nyanza 8 (Koru 20) | MN3 | 5 | 0.36 | 0.39 | 0.37 | 0.37 | 0.42 | 0.31 | 0.38 | 0.57 | 0.29 | 0.79 | 0.23 | 0.26 | 0.42 | 0.33 | 0.37 | 0.42 | 0.29 | 0.22 | 0.33 | 0.44 | 0.24 | 0.31 |
| Nyanza 9 (Koru 25) | MN3 | 9 | 0.28 | 0.29 | 0.28 | 0.27 | 0.36 | 0.20 | 0.30 | 0.31 | 0.16 | 0.58 | 0.10 | 0.12 | 0.34 | 0.21 | 0.30 | 0.35 | 0.18 | 0.10 | 0.19 | 0.38 | 0.14 | 0.20 |
| Pessac - Cap-de-Bos | MN3 | 11 | 0.26 | 0.26 | 0.25 | 0.25 | 0.35 | 0.19 | 0.28 | 0.06 | 0.14 | 0.18 | 0.09 | 0.10 | 0.34 | 0.20 | 0.29 | 0.33 | 0.14 | 0.10 | 0.16 | 0.37 | 0.11 | 0.17 |
| Pont-Boutard MN3 | MN3 | 23 | 0.14 | 0.13 | 0.14 | 0.10 | 0.23 | 0.06 | 0.15 | 0.04 | 0.17 | 0.06 | 0.01 | 0.12 | 0.22 | 0.06 | 0.14 | 0.22 | 0.04 | 0.01 | 0.04 | 0.27 | 0.02 | 0.06 |
| Pontign? MN3 | MN3 | 30 | 0.07 | 0.08 | 0.07 | 0.06 | 0.17 | 0.03 | 0.10 | 0.01 | 0.07 | 0.03 | 0.00 | 0.05 | 0.15 | 0.04 | 0.09 | 0.14 | 0.01 | 0.00 | 0.02 | 0.20 | 0.00 | 0.03 |
| Richevoltes | MN3 | 5 | 0.36 | 0.35 | 0.35 | 0.34 | 0.41 | 0.28 | 0.35 | 0.50 | 0.24 | 0.27 | 0.20 | 0.21 | 0.39 | 0.27 | 0.36 | 0.40 | 0.25 | 0.20 | 0.27 | 0.42 | 0.20 | 0.29 |
| Rill? MN3 | MN3 | 9 | 0.27 | 0.25 | 0.25 | 0.23 | 0.34 | 0.17 | 0.27 | 0.06 | 0.13 | 0.16 | 0.09 | 0.12 | 0.33 | 0.19 | 0.27 | 0.32 | 0.15 | 0.09 | 0.17 | 0.36 | 0.12 | 0.18 |
| Sant Andreu de la Ba | MN3 | 9 | 0.26 | 0.93 | 0.25 | 0.25 | 0.35 | 0.17 | 0.28 | 0.06 | 0.14 | 0.17 | 0.32 | 0.11 | 0.80 | 0.19 | 0.29 | 0.32 | 0.15 | 0.37 | 0.17 | 0.37 | 0.12 | 0.18 |
| Savign?-sur-Lathan M | MN3 | 25 | 0.14 | 0.14 | 0.10 | 0.11 | 0.23 | 0.05 | 0.14 | 0.04 | 0.15 | 0.05 | 0.01 | 0.14 | 0.21 | 0.08 | 0.15 | 0.19 | 0.04 | 0.02 | 0.06 | 0.25 | 0.03 | 0.06 |
| Tagai | MN3 | 6 | 0.34 | 0.32 | 0.31 | 0.30 | 0.39 | 0.25 | 0.34 | 0.12 | 0.19 | 0.25 | 0.15 | 0.19 | 0.38 | 0.26 | 0.34 | 0.39 | 0.23 | 0.16 | 0.25 | 0.41 | 0.18 | 0.25 |
| Tucho?ice | MN3 | 27 | 0.09 | 0.10 | 0.10 | 0.08 | 0.20 | 0.03 | 0.11 | 0.01 | 0.10 | 0.03 | 0.00 | 0.07 | 0.18 | 0.04 | 0.11 | 0.17 | 0.03 | 0.01 | 0.03 | 0.21 | 0.01 | 0.04 |
| Wintershof-West | MN3 | 35 | 0.06 | 0.06 | 0.04 | 0.04 | 0.13 | 0.01 | 0.06 | 0.01 | 0.04 | 0.01 | 0.00 | 0.03 | 0.13 | 0.02 | 0.07 | 0.14 | 0.01 | 0.00 | 0.01 | 0.16 | 0.00 | 0.01 |
| Danghe-xishuigou | MN3 | 5 | 0.34 | 0.36 | 0.34 | 0.33 | 0.40 | 0.26 | 0.37 | 0.15 | 0.23 | 0.28 | 0.17 | 0.22 | 0.41 | 0.29 | 0.36 | 0.41 | 0.25 | 0.19 | 0.27 | 0.41 | 0.21 | 0.28 |
| Pegu beds | MN3 | 13 | 0.61 | 0.63 | 0.59 | 0.86 | 0.30 | 0.44 | 0.23 | 0.65 | 0.08 | 0.73 | 0.48 | 0.07 | 0.75 | 0.15 | 0.23 | 0.28 | 0.38 | 0.55 | 0.41 | 0.32 | 0.30 | 0.44 |
| Esvres - Continental | MN3 | 27 | 0.09 | 0.09 | 0.07 | 0.07 | 0.18 | 0.03 | 0.10 | 0.01 | 0.07 | 0.03 | 0.00 | 0.05 | 0.16 | 0.04 | 0.10 | 0.17 | 0.02 | 0.01 | 0.03 | 0.21 | 0.01 | 0.03 |
| Songhor (Main) | MN3 | 33 | 0.32 | 0.07 | 0.07 | 0.06 | 0.17 | 0.01 | 0.09 | 0.01 | 0.01 | 0.12 | 0.01 | 0.05 | 0.15 | 0.02 | 0.08 | 0.14 | 0.01 | 0.03 | 0.02 | 0.18 | 0.04 | 0.12 |
| Zinda Pir 2 | MN1/2 | 5 | 0.35 | 0.98 | 0.84 | 0.82 | 0.42 | 0.28 | 0.37 | 0.51 | 0.23 | 0.73 | 0.58 | 0.23 | 0.40 | 0.28 | 0.84 | 0.40 | 0.25 | 0.59 | 0.73 | 0.43 | 0.59 | 0.74 |
| Cetina de Aragon | MN1/2 | 16 | 0.17 | 0.16 | 0.16 | 0.16 | 0.71 | 0.08 | 0.18 | 0.02 | 0.05 | 0.09 | 0.02 | 0.05 | 0.25 | 0.10 | 0.19 | 0.24 | 0.07 | 0.03 | 0.08 | 0.29 | 0.03 | 0.09 |
| La Encinilla | MN1/2 | 6 | 0.34 | 0.32 | 0.31 | 0.31 | 0.88 | 0.25 | 0.34 | 0.11 | 0.63 | 0.24 | 0.14 | 0.56 | 0.39 | 0.27 | 0.33 | 0.38 | 0.22 | 0.17 | 0.24 | 0.40 | 0.18 | 0.25 |
| Lanzhou-zhangjiapin | MN1/2 | 5 | 0.38 | 0.39 | 0.37 | 0.37 | 0.43 | 0.31 | 0.38 | 0.20 | 0.28 | 0.32 | 0.23 | 0.25 | 0.42 | 0.33 | 0.39 | 0.42 | 0.30 | 0.24 | 0.31 | 0.43 | 0.26 | 0.32 |
| Laugnac | MN1/2 | 28 | 0.08 | 0.08 | 0.06 | 0.06 | 0.55 | 0.03 | 0.10 | 0.01 | 0.06 | 0.03 | 0.00 | 0.07 | 0.15 | 0.03 | 0.09 | 0.16 | 0.02 | 0.01 | 0.02 | 0.20 | 0.00 | 0.02 |
| Loranca | MN1/2 | 19 | 0.15 | 0.47 | 0.12 | 0.11 | 0.23 | 0.08 | 0.15 | 0.00 | 0.17 | 0.06 | 0.09 | 0.38 | 0.64 | 0.07 | 0.16 | 0.22 | 0.05 | 0.10 | 0.24 | 0.26 | 0.12 | 0.26 |
| Marcoin | MN1/2 | 6 | 0.35 | 0.35 | 0.34 | 0.35 | 0.41 | 0.30 | 0.35 | 0.15 | 0.24 | 0.27 | 0.20 | 0.20 | 0.40 | 0.29 | 0.35 | 0.40 | 0.26 | 0.20 | 0.28 | 0.42 | 0.20 | 0.29 |
| Montaigu-le-Blin | MN1/2 | 37 | 0.06 | 0.07 | 0.06 | 0.05 | 0.52 | 0.02 | 0.08 | 0.00 | 0.01 | 0.01 | 0.00 | 0.01 | 0.13 | 0.02 | 0.07 | 0.14 | 0.01 | 0.00 | 0.02 | 0.17 | 0.00 | 0.02 |
| Rothenstein 10/14 a | MN1/2 | 9 | 0.26 | 0.26 | 0.26 | 0.23 | 0.35 | 0.19 | 0.28 | 0.07 | 0.14 | 0.18 | 0.08 | 0.12 | 0.33 | 0.20 | 0.26 | 0.34 | 0.16 | 0.10 | 0.17 | 0.36 | 0.11 | 0.16 |
| Rothenstein 10/14 b | MN1/2 | 9 | 0.27 | 0.26 | 0.26 | 0.24 | 0.83 | 0.19 | 0.27 | 0.05 | 0.14 | 0.17 | 0.07 | 0.11 | 0.33 | 0.19 | 0.29 | 0.33 | 0.15 | 0.09 | 0.17 | 0.36 | 0.09 | 0.17 |
| Rothenstein 10/14 c | MN1/2 | 9 | 0.26 | 0.28 | 0.26 | 0.23 | 0.34 | 0.18 | 0.27 | 0.25 | 0.13 | 0.19 | 0.08 | 0.12 | 0.32 | 0.20 | 0.28 | 0.33 | 0.15 | 0.08 | 0.17 | 0.37 | 0.10 | 0.17 |
| Saint-G?rand-le-Puy | MN1/2 | 19 | 0.16 | 0.16 | 0.14 | 0.12 | 0.70 | 0.07 | 0.17 | 0.01 | 0.05 | 0.07 | 0.02 | 0.04 | 0.25 | 0.10 | 0.17 | 0.24 | 0.06 | 0.03 | 0.07 | 0.28 | 0.04 | 0.08 |
| Selles-sur-Cher | MN1/2 | 11 | 0.25 | 0.25 | 0.24 | 0.22 | 0.34 | 0.15 | 0.26 | 0.04 | 0.12 | 0.16 | 0.06 | 0.10 | 0.32 | 0.19 | 0.27 | 0.31 | 0.13 | 0.08 | 0.15 | 0.36 | 0.09 | 0.15 |
| Ulm-Uniklinik | MN1/2 | 7 | 0.30 | 0.28 | 0.28 | 0.29 | 0.86 | 0.22 | 0.32 | 0.09 | 0.17 | 0.23 | 0.12 | 0.17 | 0.37 | 0.24 | 0.33 | 0.36 | 0.20 | 0.14 | 0.20 | 0.38 | 0.14 | 0.21 |
| Ulm-Westtangente | MN1/2 | 13 | 0.20 | 0.20 | 0.18 | 0.18 | 0.75 | 0.11 | 0.22 | 0.02 | 0.08 | 0.09 | 0.04 | 0.07 | 0.27 | 0.13 | 0.21 | 0.28 | 0.09 | 0.04 | 0.11 | 0.32 | 0.05 | 0.11 |
| Valquemado | MN1/2 | 8 | 0.31 | 0.31 | 0.31 | 0.29 | 0.37 | 0.22 | 0.31 | 0.09 | 0.19 | 0.22 | 0.11 | 0.17 | 0.37 | 0.22 | 0.30 | 0.37 | 0.20 | 0.13 | 0.20 | 0.39 | 0.14 | 0.23 |
| Agyspe | MN1/2 | 6 | 0.33 | 0.33 | 0.31 | 0.32 | 0.39 | 0.24 | 0.35 | 0.42 | 0.21 | 0.25 | 0.14 | 0.19 | 0.38 | 0.26 | 0.34 | 0.39 | 0.22 | 0.16 | 0.24 | 0.41 | 0.17 | 0.25 |
| Chavroches | MN1/2 | 9 | 0.26 | 0.26 | 0.28 | 0.25 | 0.35 | 0.16 | 0.28 | 0.05 | 0.15 | 0.18 | 0.07 | 0.12 | 0.34 | 0.19 | 0.27 | 0.34 | 0.16 | 0.10 | 0.16 | 0.36 | 0.10 | 0.19 |
| Saulcet | MN1/2 | 6 | 0.33 | 0.34 | 0.32 | 0.31 | 0.40 | 0.25 | 0.34 | 0.12 | 0.20 | 0.25 | 0.14 | 0.18 | 0.38 | 0.26 | 0.33 | 0.40 | 0.22 | 0.16 | 0.25 | 0.41 | 0.18 | 0.23 |
| Dera Bugti 3bis | MN1/2 | 6 | 0.83 | 0.36 | 0.34 | 0.34 | 0.41 | 0.27 | 0.35 | 0.15 | 0.24 | 0.27 | 0.19 | 0.23 | 0.40 | 0.29 | 0.38 | 0.38 | 0.26 | 0.19 | 0.28 | 0.41 | 0.22 | 0.27 |
| Moroto I | MN1/2 | 7 | 0.31 | 0.77 | 0.29 | 0.29 | 0.38 | 0.23 | 0.32 | 0.09 | 0.18 | 0.22 | 0.12 | 0.18 | 0.36 | 0.24 | 0.31 | 0.37 | 0.19 | 0.12 | 0.22 | 0.39 | 0.16 | 0.22 |
| Nyanza 1 (Meswa Br | MN1/2 | 7 | 0.76 | 0.30 | 0.29 | 0.28 | 0.38 | 0.23 | 0.31 | 0.36 | 0.18 | 0.63 | 0.43 | 0.55 | 0.35 | 0.23 | 0.32 | 0.37 | 0.20 | 0.46 | 0.22 | 0.38 | 0.52 | 0.64 |
| Paulhiac | MN1/2 | 23 | 0.11 | 0.12 | 0.11 | 0.10 | 0.22 | 0.05 | 0.13 | 0.00 | 0.13 | 0.05 | 0.01 | 0.12 | 0.18 | 0.06 | 0.14 | 0.20 | 0.04 | 0.02 | 0.04 | 0.25 | 0.01 | 0.05 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Akzhar svita | MN1/2 | 5 | 0.35 | 0.35 | 0.35 | 0.35 | 0.41 | 0.30 | 0.35 | 0.15 | 0.23 | 0.28 | 0.18 | 0.65 | 0.39 | 0.29 | 0.35 | 0.40 | 0.26 | 0.21 | 0.72 | 0.42 | 0.60 | 0.28 |

Appendix 3. List of selected Pliocene sites with age information and GFRI values used for Raup-Crick GFRI analysis. (MNEQ stands for MN unit equivalent, N Rows show number of taxa, GFRI stands for genus level faunal similarity index)

| Name | MN EQ | N Rows | Aramis (Lower) | Calta 2 | Layna | Perpignan | Siwaliks Pliocene | Koobi Fora Ridge 2 |
|---|---|---|---|---|---|---|---|---|
| Olduvai Bed I | MN17 | 63 | 1.00 | 0.25 | 0.32 | 0.14 | 0.38 | 1.00 |
| Yakkabed | MN17 | 17 | 0.58 | 0.91 | 0.76 | 0.71 | 0.26 | 0.35 |
| Koobi Fora Ridge 2 | MN17 | 45 | 1.00 | 0.78 | 0.59 | 0.07 | 0.53 | 1.00 |
| Gulizindon | MN17 | 5 | 0.23 | 0.98 | 0.36 | 0.73 | 0.91 | 0.66 |
| Karari Ridge 2 | MN17 | 60 | 1.00 | 0.57 | 0.38 | 0.21 | 0.42 | 1.00 |
| Nurnus | MN17 | 5 | 0.23 | 0.81 | 0.83 | 0.70 | 0.42 | 0.24 |
| Rostov (na Donu) - Taganrog | MN17 | 12 | 0.73 | 0.68 | 0.71 | 0.95 | 0.35 | 0.73 |
| Zhdanov | MN17 | 5 | 0.20 | 0.32 | 0.34 | 0.23 | 0.40 | 0.21 |
| Zhevakhova Gora | MN17 | 5 | 0.04 | 0.94 | 0.82 | 0.80 | 0.29 | 0.18 |
| Malapa | MN17 | 20 | 0.90 | 0.48 | 0.17 | 0.60 | 0.28 | 0.89 |
| Ahl al Oughlam | MN17 | 42 | 1.00 | 0.98 | 1.00 | 1.00 | 0.41 | 0.98 |
| Dege | MN17 | 5 | 0.24 | 0.82 | 0.84 | 0.71 | 0.42 | 0.65 |
| Liventsovka (Rostov-on-Don) | MN17 | 18 | 0.45 | 1.00 | 0.96 | 1.00 | 0.71 | 0.71 |
| Kanjera 2 | MN17 | 12 | 0.98 | 0.23 | 0.25 | 0.13 | 0.84 | 1.00 |
| Shungura G | MN17 | 58 | 1.00 | 0.28 | 0.37 | 0.05 | 0.38 | 1.00 |
| Kalakodo | MN17 | 13 | 0.99 | 0.86 | 0.89 | 0.34 | 0.78 | 1.00 |
| Podpusk-Lebyazhje 2 | MN17 | 6 | 0.66 | 0.81 | 0.85 | 0.70 | 0.42 | 0.92 |
| Kangaki 1 and 2 | MN17 | 16 | 0.91 | 0.82 | 0.86 | 0.64 | 0.29 | 1.00 |
| Ain Jourdel | MN17 | 10 | 1.00 | 0.99 | 0.95 | 0.53 | 0.86 | 1.00 |
| Bala Deino | MN17 | 6 | 0.98 | 0.78 | 0.82 | 0.67 | 0.41 | 1.00 |
| Beregovaya | MN17 | 12 | 0.44 | 1.00 | 1.00 | 0.99 | 0.36 | 0.75 |
| Costa S. Giacomo | MN17 | 11 | 0.68 | 1.00 | 0.99 | 0.98 | 0.81 | 0.71 |
| Gamedah | MN17 | 6 | 0.59 | 0.32 | 0.33 | 0.23 | 0.41 | 1.00 |
| Gwebin | MN17 | 11 | 0.12 | 0.22 | 0.25 | 0.49 | 0.83 | 0.41 |
| Kanam East | MN17 | 11 | 1.00 | 0.23 | 0.23 | 0.42 | 0.98 | 0.97 |
| Kanam West | MN17 | 16 | 1.00 | 0.82 | 0.86 | 0.62 | 0.96 | 1.00 |
| Kesem-Kebena 1 | MN17 | 5 | 0.99 | 0.34 | 0.36 | 0.26 | 0.41 | 0.92 |
| Kubi Algi | MN17 | 6 | 0.89 | 0.33 | 0.34 | 0.65 | 0.91 | 0.89 |
| Laetoli_ndolanya beds | MN17 | 18 | 0.95 | 0.14 | 0.16 | 0.52 | 0.27 | 0.96 |
| Laetoli_upper unit | MN17 | 27 | 0.26 | 0.33 | 0.73 | 0.83 | 0.22 | 0.27 |
| Lomekwi 8 | MN17 | 11 | 1.00 | 0.24 | 0.26 | 0.15 | 0.85 | 1.00 |
| Makapansgat 3 | MN17 | 58 | 0.99 | 0.54 | 0.63 | 0.55 | 0.10 | 1.00 |
| Makapansgat 4 | MN17 | 23 | 0.61 | 0.72 | 0.46 | 0.71 | 0.24 | 0.99 |
| Montopoli | MN17 | 11 | 0.73 | 0.98 | 0.99 | 1.00 | 0.82 | 0.72 |
| Nogaret | MN17 | 6 | 0.20 | 0.79 | 0.82 | 0.67 | 0.40 | 0.60 |
| Stavropol-Kavkazskij | MN17 | 10 | 0.91 | 0.99 | 0.94 | 1.00 | 0.84 | 0.72 |
| Sterkfontein 2 | MN17 | 6 | 0.90 | 0.79 | 0.97 | 0.90 | 0.40 | 0.60 |
| Tsao Chuang | MN17 | 7 | 0.01 | 0.09 | 0.10 | 0.12 | 0.22 | 0.01 |
| Ileret 1 | MN17 | 15 | 0.99 | 0.84 | 0.60 | 0.33 | 0.79 | 1.00 |
| Adyrgan | MN17 | 5 | 0.92 | 0.83 | 0.83 | 0.94 | 0.43 | 0.92 |
| Ain Boucherit | MN17 | 21 | 0.94 | 0.73 | 0.48 | 0.75 | 0.68 | 0.98 |
| Almenara-Casablanca 1 | MN17 | 13 | 0.32 | 0.88 | 0.97 | 0.97 | 0.32 | 0.08 |
| Chilhac | MN17 | 17 | 0.19 | 1.00 | 1.00 | 1.00 | 0.27 | 0.45 |

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|---|---|---|---|---|---|---|---|---|
| Cornillet 3 | MN17 | 8 | 0.52 | 1.00 | 1.00 | 1.00 | 0.37 | 0.48 |
| Coupet | MN17 | 16 | 0.36 | 0.99 | 0.91 | 1.00 | 0.82 | 0.66 |
| Dafnero (DFN) | MN17 | 12 | 0.31 | 1.00 | 1.00 | 0.97 | 0.33 | 0.66 |
| La Puebla de Valverde | MN17 | 23 | 0.09 | 1.00 | 1.00 | 1.00 | 0.23 | 0.49 |
| Longdan | MN17 | 29 | 0.16 | 0.99 | 0.99 | 0.96 | 0.58 | 0.38 |
| Montouss? 5 | MN17 | 16 | 0.23 | 0.95 | 1.00 | 1.00 | 0.29 | 0.05 |
| Nihewan_Xiashagou | MN17 | 29 | 0.04 | 0.98 | 0.99 | 0.98 | 0.56 | 0.16 |
| Pardines | MN17 | 17 | 0.47 | 1.00 | 1.00 | 1.00 | 0.28 | 0.72 |
| Pietris | MN17 | 9 | 0.14 | 0.99 | 0.99 | 0.99 | 0.36 | 0.45 |
| Podpusk-Lebyazhje | MN17 | 15 | 0.26 | 0.84 | 0.97 | 0.97 | 0.31 | 0.81 |
| Saint Vallier | MN17 | 32 | 0.29 | 1.00 | 1.00 | 1.00 | 0.54 | 0.32 |
| Saint Vallier Banc LD2 | MN17 | 6 | 0.19 | 0.80 | 0.97 | 0.91 | 0.40 | 0.20 |
| Saint Vallier Banc LD3 | MN17 | 23 | 0.28 | 1.00 | 1.00 | 1.00 | 0.65 | 0.54 |
| Sarikol Tepe (Sinap 82) | MN17 | 8 | 0.50 | 0.93 | 0.95 | 0.97 | 0.37 | 0.96 |
| Sen?ze | MN17 | 30 | 0.01 | 1.00 | 1.00 | 1.00 | 0.60 | 0.19 |
| Sesklon (SES) | MN17 | 20 | 0.45 | 1.00 | 1.00 | 1.00 | 0.72 | 0.71 |
| Taung | MN17 | 11 | 0.10 | 0.67 | 0.28 | 0.46 | 0.37 | 0.98 |
| Varshets | MN17 | 22 | 0.60 | 0.97 | 1.00 | 0.99 | 0.89 | 0.86 |
| Volax (VOL) | MN17 | 15 | 0.24 | 0.84 | 1.00 | 1.00 | 0.73 | 0.05 |
| Yuxian-Dongyaozitou | MN17 | 10 | 0.23 | 0.34 | 0.36 | 0.26 | 0.42 | 0.24 |
| Zasukhino 2 | MN17 | 5 | 0.95 | 0.99 | 0.99 | 0.97 | 0.43 | 0.94 |
| zhoukoudian_Loc18 | MN17 | 17 | 0.12 | 0.26 | 0.73 | 0.51 | 0.35 | 0.14 |
| Shungura F | MN17 | 41 | 1.00 | 0.70 | 0.80 | 0.35 | 0.51 | 1.00 |
| Charyn upper | MN17 | 5 | 0.66 | 0.83 | 0.37 | 0.73 | 0.42 | 0.65 |
| Oosterschelde | MN17 | 10 | 0.42 | 0.98 | 0.99 | 0.99 | 0.82 | 0.72 |
| Tegelen | MN17 | 13 | 0.29 | 0.97 | 1.00 | 0.98 | 0.78 | 0.07 |
| Shungura E | MN17 | 33 | 1.00 | 0.60 | 0.35 | 0.10 | 0.88 | 1.00 |
| Lomekwi 3 | MN17 | 14 | 1.00 | 0.59 | 0.21 | 0.11 | 0.33 | 1.00 |
| Lokalalei 1 | MN17 | 12 | 1.00 | 0.97 | 0.88 | 0.43 | 0.79 | 1.00 |
| Tulchin | MN17 | 5 | 0.09 | 0.21 | 0.24 | 0.13 | 0.34 | 0.11 |
| Kalochoro IV | MN17 | 5 | 0.92 | 0.84 | 0.84 | 0.27 | 0.92 | 1.00 |
| Shungura D | MN17 | 32 | 1.00 | 0.29 | 0.08 | 0.02 | 0.58 | 1.00 |
| Hata (Bouri Fm.) | MN16 | 34 | 0.98 | 0.77 | 0.59 | 0.07 | 0.55 | 1.00 |
| Roccaneyra | MN16 | 12 | 0.70 | 1.00 | 1.00 | 1.00 | 0.33 | 0.88 |
| Kangatukuseo II | MN16 | 21 | 1.00 | 0.75 | 0.81 | 0.24 | 0.72 | 1.00 |
| Lomekwi 1 | MN16 | 22 | 1.00 | 0.94 | 0.81 | 0.22 | 0.72 | 1.00 |
| Kopala 2 | MN16 | 19 | 0.33 | 1.00 | 0.98 | 0.92 | 0.33 | 0.86 |
| Kangatukuseo I | MN16 | 12 | 0.99 | 0.60 | 0.23 | 0.11 | 0.80 | 1.00 |
| Kangatukuseo III | MN16 | 6 | 0.98 | 0.82 | 0.85 | 0.71 | 0.42 | 1.00 |
| Lomekwi 2 | MN16 | 6 | 0.98 | 0.77 | 0.81 | 0.23 | 0.89 | 1.00 |
| Laetoli_Upper Ndolanya Beds | MN16 | 8 | 0.99 | 0.70 | 0.30 | 0.18 | 0.86 | 0.99 |
| Alikes (ALK) | MN16 | 8 | 0.66 | 0.81 | 0.85 | 0.94 | 0.42 | 0.65 |
| Capo Figari 1 | MN16 | 8 | 0.17 | 0.74 | 0.80 | 0.98 | 0.89 | 0.18 |
| Costa San Giacomo FU | MN16 | 17 | 0.44 | 1.00 | 1.00 | 1.00 | 0.72 | 0.43 |
| Farneta | MN16 | 13 | 0.10 | 0.91 | 0.92 | 0.78 | 0.83 | 0.42 |
| Graunceanu | MN16 | 22 | 0.12 | 1.00 | 1.00 | 0.99 | 0.65 | 0.57 |
| Itantsinian FC | MN16 | 5 | 0.75 | 0.85 | 0.88 | 0.75 | 0.43 | 0.95 |
| Klochnevo 1 Eopleisto | MN16 | 5 | 0.27 | 0.38 | 0.38 | 0.30 | 0.44 | 0.72 |

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|---|---|---|---|---|---|---|---|---|
| Krimni (KRI) | MN16 | 5 | 0.25 | 0.98 | 0.98 | 0.71 | 0.42 | 0.68 |
| Kuruksaj | MN16 | 30 | 0.36 | 1.00 | 1.00 | 1.00 | 0.18 | 0.56 |
| Livakos (LIV) | MN16 | 16 | 0.05 | 0.54 | 0.96 | 0.86 | 0.30 | 0.56 |
| Montopoli FU | MN16 | 20 | 0.37 | 1.00 | 1.00 | 1.00 | 0.68 | 0.64 |
| Nova Vieska | MN16 | 8 | 0.59 | 0.97 | 0.82 | 1.00 | 0.89 | 0.19 |
| Olivola FU | MN16 | 25 | 0.27 | 1.00 | 1.00 | 1.00 | 0.64 | 0.26 |
| Pantalla | MN16 | 7 | 0.52 | 0.95 | 0.96 | 0.98 | 0.88 | 0.53 |
| Pirro | MN16 | 13 | 0.09 | 0.59 | 0.91 | 0.73 | 0.31 | 0.31 |
| Polylakkos | MN16 | 5 | 0.66 | 0.33 | 0.85 | 0.73 | 0.41 | 0.68 |
| Pont de Gail | MN16 | 6 | 0.22 | 0.97 | 0.35 | 0.91 | 0.41 | 0.21 |
| Selvella | MN16 | 7 | 0.16 | 0.75 | 0.97 | 0.88 | 0.39 | 0.57 |
| Slivnitsa | MN16 | 15 | 0.25 | 0.96 | 0.18 | 0.32 | 0.30 | 0.53 |
| Strekov | MN16 | 8 | 0.62 | 0.97 | 0.81 | 1.00 | 0.90 | 0.21 |
| Tourkovounia 3-5 | MN16 | 5 | 0.51 | 0.99 | 0.96 | 1.00 | 0.86 | 0.15 |
| Triversa F.U | MN16 | 20 | 0.16 | 0.72 | 0.30 | 0.56 | 0.38 | 0.81 |
| Tsalka | MN16 | 8 | 0.17 | 0.95 | 1.00 | 1.00 | 0.39 | 0.17 |
| Kada Hadar | MN16 | 25 | 1.00 | 0.63 | 0.70 | 0.34 | 0.62 | 1.00 |
| Beregovaya 1 | MN16 | 24 | 0.15 | 1.00 | 1.00 | 1.00 | 0.26 | 0.37 |
| Shungura C | MN16 | 47 | 1.00 | 0.39 | 0.48 | 0.03 | 0.46 | 1.00 |
| Kopala 1 | MN16 | 6 | 0.32 | 0.40 | 0.41 | 0.33 | 0.45 | 0.33 |
| Shamar | MN16 | 22 | 0.37 | 1.00 | 1.00 | 0.97 | 0.26 | 0.37 |
| Laetoli_18 | MN16 | 11 | 0.99 | 0.90 | 0.92 | 0.46 | 0.35 | 1.00 |
| Laetoli_7E | MN16 | 9 | 0.93 | 0.93 | 0.94 | 0.82 | 0.36 | 0.99 |
| Lomekwi 4 | MN16 | 27 | 1.00 | 0.88 | 0.76 | 0.16 | 0.24 | 1.00 |
| Lomekwi 4 East | MN16 | 5 | 0.95 | 0.87 | 0.89 | 0.76 | 0.44 | 1.00 |
| Lomekwi 5 | MN16 | 30 | 1.00 | 0.86 | 0.69 | 0.13 | 0.64 | 1.00 |
| Lomekwi | MN16 | 21 | 0.99 | 0.49 | 0.53 | 0.07 | 0.74 | 1.00 |
| Ain Brimba | MN16 | 12 | 0.99 | 0.88 | 0.64 | 0.41 | 0.32 | 0.99 |
| Covrigi | MN16 | 5 | 0.68 | 0.82 | 0.84 | 1.00 | 0.41 | 0.66 |
| El Rinc?n | MN16 | 11 | 0.38 | 1.00 | 1.00 | 1.00 | 0.33 | 0.69 |
| Etouaires | MN16 | 30 | 0.62 | 1.00 | 1.00 | 1.00 | 0.60 | 0.16 |
| Groserea | MN16 | 5 | 0.67 | 0.82 | 0.36 | 0.94 | 0.43 | 0.67 |
| Gulyazi | MN16 | 18 | 0.69 | 1.00 | 1.00 | 1.00 | 0.27 | 0.42 |
| Gundersheim 1 | MN16 | 5 | 0.24 | 0.82 | 0.99 | 0.93 | 0.41 | 0.25 |
| Hajn?cka | MN16 | 23 | 0.40 | 0.93 | 0.82 | 1.00 | 0.72 | 0.03 |
| Hu?lago | MN16 | 11 | 0.36 | 0.98 | 1.00 | 1.00 | 0.32 | 0.70 |
| Iaras-1 | MN16 | 6 | 0.60 | 0.97 | 0.98 | 1.00 | 0.41 | 0.61 |
| Illieni | MN16 | 5 | 0.93 | 0.98 | 1.00 | 1.00 | 0.42 | 0.66 |
| Jingle-hefeng | MN16 | 6 | 0.61 | 1.00 | 1.00 | 0.92 | 0.41 | 0.88 |
| Kisl?ng | MN16 | 30 | 0.66 | 0.95 | 1.00 | 1.00 | 0.19 | 0.20 |
| Kvabebi | MN16 | 20 | 0.34 | 1.00 | 1.00 | 1.00 | 0.67 | 0.81 |
| La Higueruelas | MN16 | 5 | 0.92 | 1.00 | 0.99 | 1.00 | 0.42 | 0.65 |
| Lingtai-renjiagou | MN16 | 6 | 0.67 | 1.00 | 1.00 | 0.94 | 0.41 | 0.91 |
| Lomekwi 10 | MN16 | 16 | 0.97 | 0.60 | 0.62 | 0.43 | 0.33 | 1.00 |
| Lomekwi 9 | MN16 | 18 | 0.99 | 0.94 | 0.85 | 0.26 | 0.29 | 1.00 |
| Piedrabuena | MN16 | 6 | 0.61 | 1.00 | 1.00 | 1.00 | 0.90 | 0.59 |
| Triversa (Fornace RDB) | MN16 | 19 | 0.13 | 1.00 | 1.00 | 1.00 | 0.67 | 0.14 |
| Udunginian FC | MN16 | 21 | 0.54 | 0.75 | 0.78 | 0.87 | 0.38 | 0.54 |

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| Uttarbeni?Parmandal (lower) | MN16 | 8 | 0.88 | 0.78 | 0.81 | 0.66 | 0.42 | 0.97 |
| V?el?re 2 | MN16 | 5 | 0.50 | 0.28 | 0.30 | 0.58 | 0.86 | 0.50 |
| Vialette | MN16 | 15 | 0.28 | 0.37 | 0.39 | 0.29 | 0.44 | 0.29 |
| Villaroya | MN16 | 23 | 0.22 | 0.79 | 0.97 | 0.66 | 0.40 | 0.88 |
| Yangyuan-Hongyanangou | MN16 | 5 | 0.17 | 0.30 | 0.32 | 0.22 | 0.39 | 0.17 |
| Youhe | MN16 | 7 | 0.30 | 0.20 | 0.20 | 0.68 | 0.78 | 0.07 |
| Yushe-Mazegou | MN16 | 8 | 0.20 | 0.78 | 0.80 | 0.25 | 0.40 | 0.60 |
| Yuxian-Danangou | MN16 | 5 | 0.40 | 1.00 | 1.00 | 0.99 | 0.34 | 0.73 |
| Il Naibar 3 | MN16 | 34 | 1.00 | 0.81 | 0.64 | 0.26 | 0.56 | 1.00 |
| Koobi Fora Ridge 1 | MN16 | 12 | 1.00 | 0.22 | 0.26 | 0.13 | 0.81 | 1.00 |
| Sibilot 4 | MN16 | 32 | 1.00 | 0.68 | 0.43 | 0.04 | 0.64 | 1.00 |
| Gerakarou 1 (GER) | MN16 | 16 | 0.52 | 0.95 | 0.98 | 0.99 | 0.74 | 0.53 |
| Pyrgos | MN16 | 7 | 0.24 | 1.00 | 0.98 | 0.71 | 0.42 | 0.65 |
| Selim-Dzhevar | MN16 | 9 | 0.55 | 0.76 | 0.78 | 0.21 | 0.39 | 0.54 |
| Vassiloudi (VSL) | MN16 | 6 | 0.33 | 0.88 | 0.90 | 0.74 | 0.32 | 0.63 |
| Albertine 10 | MN16 | 10 | 0.99 | 0.70 | 0.72 | 0.51 | 0.84 | 1.00 |
| Albertine 3 | MN16 | 6 | 0.87 | 0.31 | 0.33 | 0.23 | 0.40 | 0.88 |
| Albertine 4 | MN16 | 19 | 0.99 | 0.48 | 0.15 | 0.06 | 0.71 | 1.00 |
| Bahrel Ghazal | MN16 | 8 | 0.99 | 0.71 | 0.76 | 0.18 | 0.86 | 1.00 |
| Bel Hacel | MN16 | 7 | 0.85 | 0.29 | 0.32 | 0.20 | 0.39 | 1.00 |
| Blassac la Girondie | MN16 | 13 | 0.33 | 0.88 | 1.00 | 0.98 | 0.31 | 0.32 |
| Chikoian FC | MN16 | 7 | 0.60 | 0.96 | 0.98 | 0.66 | 0.40 | 0.89 |
| Chiwondo (Mwimbi North) | MN16 | 13 | 1.00 | 0.87 | 0.63 | 0.37 | 0.32 | 1.00 |
| Chiwondo 1 | MN16 | 8 | 0.80 | 0.26 | 0.30 | 0.17 | 0.37 | 0.95 |
| Chiwondo 2 (Unit 3A) | MN16 | 19 | 1.00 | 0.79 | 0.84 | 0.28 | 0.29 | 1.00 |
| Dikika | MN16 | 20 | 1.00 | 0.99 | 0.94 | 0.48 | 0.71 | 1.00 |
| Ledi-Geraru | MN16 | 9 | 1.00 | 0.93 | 0.74 | 0.55 | 0.38 | 1.00 |
| Matabaietu | MN16 | 23 | 1.00 | 0.90 | 0.76 | 0.45 | 0.66 | 1.00 |
| Mursi | MN16 | 8 | 1.00 | 0.28 | 0.30 | 0.19 | 0.38 | 0.99 |
| Olivola | MN16 | 11 | 0.12 | 0.90 | 0.92 | 0.79 | 0.85 | 0.40 |
| Omo 1 | MN16 | 15 | 1.00 | 0.83 | 0.56 | 0.32 | 0.76 | 1.00 |
| Omo 2 | MN16 | 18 | 1.00 | 0.77 | 0.50 | 0.77 | 0.25 | 1.00 |
| Omo 3 | MN16 | 14 | 1.00 | 0.83 | 0.59 | 0.65 | 0.31 | 1.00 |
| Omo 4 | MN16 | 9 | 1.00 | 0.68 | 0.73 | 0.51 | 0.37 | 1.00 |
| Rawi 1 | MN16 | 9 | 0.93 | 0.69 | 0.28 | 0.17 | 0.36 | 1.00 |
| Tatrot | MN16 | 20 | 0.45 | 0.79 | 0.82 | 0.55 | 0.94 | 0.68 |
| Tologoian FC | MN16 | 6 | 0.23 | 0.35 | 0.35 | 0.26 | 0.42 | 0.68 |
| Usno | MN16 | 28 | 1.00 | 0.41 | 0.14 | 0.04 | 0.69 | 1.00 |
| Usno 2 | MN16 | 22 | 0.86 | 0.96 | 0.97 | 0.89 | 0.39 | 0.99 |
| Denen Dora (Hadar) | MN16 | 43 | 1.00 | 0.68 | 0.74 | 0.55 | 0.48 | 1.00 |
| Esekartkan | MN16 | 16 | 0.48 | 0.94 | 0.97 | 0.82 | 0.30 | 0.49 |
| Udunga | MN16 | 28 | 0.18 | 0.94 | 1.00 | 0.92 | 0.27 | 0.69 |
| Shungura B | MN16 | 47 | 1.00 | 0.58 | 0.41 | 0.08 | 0.43 | 1.00 |
| Koro Toro | MN16 | 20 | 1.00 | 0.92 | 0.79 | 0.49 | 0.70 | 1.00 |
| Siwaliks L0101 | MN16 | 8 | 0.54 | 0.76 | 0.32 | 0.89 | 1.00 | 0.53 |
| Siwaliks L0102 | MN16 | 5 | 0.27 | 0.86 | 0.38 | 0.77 | 1.00 | 0.26 |
| Sidi Hakoma (Hadar) | MN16 | 47 | 1.00 | 0.31 | 0.15 | 0.60 | 0.40 | 1.00 |
| Makapansgat | MN16 | 5 | 0.72 | 0.85 | 0.38 | 0.29 | 0.44 | 0.95 |

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|---|---|---|---|---|---|---|---|---|
| Sterkfontein | MN16 | 10 | 0.47 | 0.69 | 0.73 | 0.96 | 0.36 | 0.76 |
| Kaiyumung | MN16 | 26 | 1.00 | 0.63 | 0.39 | 0.35 | 0.61 | 1.00 |
| Il Naibar 2 | MN15 | 22 | 1.00 | 0.77 | 0.53 | 0.26 | 0.26 | 1.00 |
| Karari Ridge 1 | MN15 | 10 | 1.00 | 0.99 | 0.93 | 0.48 | 0.36 | 1.00 |
| Loruth Kaado 1 | MN15 | 9 | 1.00 | 0.92 | 0.94 | 0.82 | 0.37 | 1.00 |
| Nasechebun 1 | MN15 | 5 | 0.92 | 0.83 | 0.83 | 0.27 | 0.41 | 1.00 |
| Sibilot 3 | MN15 | 8 | 0.99 | 0.73 | 0.75 | 0.20 | 0.38 | 0.99 |
| Woranso-Mille | MN15 | 15 | 0.38 | 0.72 | 0.78 | 0.20 | 0.70 | 0.39 |
| Chemeron | MN15 | 34 | 1.00 | 0.56 | 0.30 | 0.08 | 0.85 | 1.00 |
| Laetoli_10 | MN15 | 11 | 0.97 | 0.21 | 0.24 | 0.43 | 0.34 | 0.71 |
| Laetoli_10W | MN15 | 9 | 0.98 | 0.67 | 0.73 | 0.83 | 0.36 | 0.98 |
| Laetoli_11 | MN15 | 8 | 0.80 | 0.27 | 0.31 | 0.55 | 0.37 | 0.95 |
| Laetoli_12 | MN15 | 5 | 0.93 | 0.35 | 0.35 | 0.73 | 0.42 | 0.91 |
| Laetoli_16 | MN15 | 8 | 0.99 | 0.27 | 0.30 | 0.58 | 0.37 | 0.81 |
| Laetoli_2 | MN15 | 11 | 1.00 | 0.63 | 0.68 | 0.76 | 0.34 | 0.97 |
| Laetoli_21 | MN15 | 7 | 0.84 | 0.30 | 0.31 | 0.21 | 0.39 | 0.54 |
| Laetoli_3 | MN15 | 12 | 1.00 | 0.21 | 0.23 | 0.43 | 0.34 | 0.97 |
| Laetoli_4 | MN15 | 7 | 0.97 | 0.30 | 0.32 | 0.62 | 0.38 | 0.83 |
| Laetoli_5 | MN15 | 7 | 1.00 | 0.31 | 0.31 | 0.60 | 0.39 | 0.97 |
| Laetoli_6 | MN15 | 12 | 1.00 | 0.62 | 0.67 | 0.71 | 0.33 | 0.86 |
| Laetoli_7 | MN15 | 9 | 0.93 | 0.69 | 0.74 | 0.82 | 0.36 | 0.99 |
| Laetoli_8 | MN15 | 9 | 0.99 | 0.69 | 0.74 | 0.52 | 0.36 | 0.99 |
| Laetoli_9 | MN15 | 8 | 0.99 | 0.74 | 0.76 | 0.57 | 0.86 | 1.00 |
| Laetoli_9s | MN15 | 5 | 0.92 | 0.34 | 0.37 | 0.27 | 0.42 | 0.93 |
| Laetoli_Upper Laetolil Beds | MN15 | 47 | 1.00 | 0.94 | 0.87 | 0.44 | 0.42 | 0.99 |
| Sibilot 2 | MN15 | 5 | 0.92 | 0.35 | 0.36 | 0.26 | 0.42 | 0.92 |
| South Turkwell | MN15 | 24 | 0.95 | 0.71 | 0.48 | 0.48 | 0.71 | 1.00 |
| Lomekwi 6 | MN15 | 9 | 0.99 | 0.92 | 0.96 | 0.57 | 0.38 | 1.00 |
| Sibilot 1 | MN15 | 10 | 0.97 | 0.77 | 0.77 | 0.21 | 0.38 | 1.00 |
| Gona Western Margin 5 | MN15 | 5 | 1.00 | 0.34 | 0.37 | 0.26 | 0.91 | 0.99 |
| Calta 2 | MN15 | 15 | 0.51 | 1.00 | 1.00 | 1.00 | 0.76 | 0.78 |
| Capeni | MN15 | 14 | 0.27 | 0.99 | 1.00 | 1.00 | 0.76 | 0.27 |
| Ciuperceni 2 | MN15 | 5 | 0.23 | 0.36 | 0.84 | 0.70 | 0.42 | 0.24 |
| Csarnota 2 | MN15 | 14 | 0.26 | 0.95 | 0.87 | 0.88 | 0.32 | 0.06 |
| Ekora | MN15 | 9 | 0.99 | 0.69 | 0.73 | 0.52 | 0.86 | 0.99 |
| Gaotege | MN15 | 8 | 0.47 | 0.95 | 0.95 | 0.97 | 0.36 | 0.16 |
| Garaet Ichkeul | MN15 | 14 | 0.99 | 0.17 | 0.21 | 0.35 | 0.29 | 0.99 |
| Ivanovce | MN15 | 20 | 0.53 | 0.83 | 0.59 | 1.00 | 0.75 | 0.06 |
| La Calera | MN15 | 13 | 0.30 | 1.00 | 1.00 | 1.00 | 0.78 | 0.59 |
| Layna | MN15 | 15 | 0.28 | 1.00 | 1.00 | 1.00 | 0.32 | 0.59 |
| Malushteni | MN15 | 15 | 0.07 | 0.83 | 0.97 | 0.99 | 0.78 | 0.56 |
| Megalo Emvolon (MEV) | MN15 | 10 | 0.44 | 1.00 | 1.00 | 1.00 | 0.85 | 0.46 |
| Muselievo | MN15 | 16 | 0.51 | 1.00 | 1.00 | 1.00 | 0.75 | 0.23 |
| Odessa Catacombs | MN15 | 22 | 0.61 | 1.00 | 1.00 | 1.00 | 0.26 | 0.36 |
| Orrios 7 | MN15 | 5 | 0.67 | 0.81 | 1.00 | 0.99 | 0.42 | 0.66 |
| Perpignan | MN15 | 26 | 0.66 | 1.00 | 1.00 | 1.00 | 0.89 | 0.07 |
| Varghis | MN15 | 6 | 0.13 | 0.68 | 0.69 | 0.16 | 0.37 | 0.43 |
| W?lfersheim | MN15 | 15 | 0.01 | 0.09 | 0.10 | 0.03 | 0.22 | 0.01 |

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|---|---|---|---|---|---|---|---|---|
| Weze 1 | MN15 | 12 | 0.24 | 0.35 | 0.85 | 0.71 | 0.42 | 0.23 |
| Tibet_Zanda | MN15 | 14 | 0.27 | 0.99 | 0.97 | 0.63 | 0.31 | 0.24 |
| Asa Issie | MN15 | 19 | 1.00 | 0.12 | 0.16 | 0.75 | 0.70 | 0.99 |
| Mianxian-yangjiawan | MN15 | 10 | 0.11 | 0.67 | 0.69 | 0.49 | 0.35 | 0.39 |
| Albertine 2 | MN15 | 20 | 1.00 | 0.48 | 0.53 | 0.08 | 0.29 | 1.00 |
| Koobi Fora (Moiti) | MN15 | 9 | 1.00 | 0.27 | 0.30 | 0.18 | 0.38 | 1.00 |
| Manonga 2 | MN15 | 10 | 1.00 | 0.67 | 0.27 | 0.16 | 0.35 | 1.00 |
| Kos | MN15 | 9 | 0.82 | 0.95 | 0.96 | 0.97 | 0.38 | 0.79 |
| Kanapoi | MN15 | 32 | 1.00 | 0.79 | 0.61 | 0.70 | 0.17 | 1.00 |
| Southern Allia Bay Plains | MN15 | 21 | 1.00 | 0.92 | 0.80 | 0.21 | 0.70 | 1.00 |
| Gona Western Margin 3 | MN15 | 5 | 1.00 | 0.33 | 0.36 | 0.69 | 0.91 | 0.91 |
| Dinar Akcak?y | MN15 | 8 | 0.51 | 1.00 | 1.00 | 0.97 | 0.86 | 0.82 |
| Gaozhuang | MN15 | 12 | 0.33 | 0.97 | 1.00 | 1.00 | 0.33 | 0.34 |
| Lingtai-xiaoshigou-3 | MN15 | 13 | 0.92 | 0.99 | 0.99 | 0.99 | 0.34 | 0.70 |
| Yushe-Gaozhuang | MN15 | 13 | 0.62 | 0.59 | 0.67 | 0.71 | 0.81 | 0.32 |
| Yushe-YS156 | MN15 | 6 | 0.23 | 0.80 | 0.85 | 0.69 | 0.41 | 0.25 |
| Zhabyrtau | MN15 | 5 | 0.20 | 0.79 | 0.81 | 0.23 | 0.40 | 0.61 |
| Aramis (Lower) | MN15 | 32 | 1.00 | 0.51 | 0.28 | 0.66 | 0.54 | 1.00 |
| Chono Hariah 1 lower | MN15 | 5 | 0.74 | 0.87 | 0.88 | 0.31 | 0.43 | 0.73 |
| Khirgis-Nur II | MN15 | 17 | 0.08 | 0.59 | 0.65 | 0.72 | 0.32 | 0.32 |
| As Duma | MN15 | 17 | 1.00 | 0.53 | 0.19 | 0.32 | 0.75 | 1.00 |
| Galili 1 | MN15 | 12 | 1.00 | 0.88 | 0.64 | 0.72 | 0.80 | 0.99 |
| Galili 2 | MN15 | 19 | 1.00 | 0.45 | 0.48 | 0.78 | 0.93 | 1.00 |
| Galili 4 | MN15 | 26 | 1.00 | 0.86 | 0.70 | 0.61 | 0.90 | 1.00 |
| Manonga 3 | MN15 | 12 | 1.00 | 0.19 | 0.22 | 0.37 | 0.33 | 1.00 |
| Alcoy | MN14 | 12 | 0.87 | 1.00 | 0.98 | 1.00 | 0.97 | 0.63 |
| Alcoy-Mina | MN14 | 8 | 0.81 | 0.94 | 0.77 | 1.00 | 0.87 | 0.15 |
| Apak (Lothagam) | MN14 | 34 | 1.00 | 0.47 | 0.29 | 0.42 | 0.53 | 1.00 |
| Beresti | MN14 | 7 | 0.56 | 0.73 | 0.77 | 0.89 | 0.38 | 0.18 |
| Celleneuve | MN14 | 5 | 0.67 | 0.82 | 0.98 | 0.99 | 0.42 | 0.25 |
| Dorkovo | MN14 | 8 | 0.51 | 0.99 | 1.00 | 1.00 | 0.37 | 0.48 |
| G?d?ll? | MN14 | 5 | 0.92 | 0.82 | 0.37 | 0.99 | 0.91 | 0.24 |
| Guanghe-shilidun-LX200014 | MN14 | 12 | 0.09 | 0.89 | 0.90 | 0.43 | 0.34 | 0.32 |
| Kolle | MN14 | 17 | 1.00 | 0.81 | 0.56 | 0.59 | 0.73 | 1.00 |
| Kossom Bougoudi | MN14 | 25 | 1.00 | 0.92 | 0.79 | 0.73 | 0.25 | 0.99 |
| Kosyakino | MN14 | 17 | 0.88 | 0.94 | 0.99 | 1.00 | 0.72 | 0.69 |
| La Gloria | MN14 | 7 | 0.55 | 0.99 | 1.00 | 1.00 | 0.38 | 0.55 |
| La Gloria 4 | MN14 | 15 | 0.65 | 0.99 | 1.00 | 1.00 | 0.33 | 0.84 |
| Montpellier | MN14 | 25 | 0.90 | 0.96 | 0.91 | 1.00 | 0.90 | 0.01 |
| Shoshamagai 2 | MN14 | 6 | 0.60 | 0.32 | 0.32 | 0.23 | 0.90 | 0.88 |
| Sinda All | MN14 | 9 | 0.94 | 0.24 | 0.27 | 0.54 | 0.37 | 0.45 |
| Tr?voux | MN14 | 8 | 0.18 | 1.00 | 1.00 | 1.00 | 0.72 | 0.17 |
| Vendargues | MN14 | 5 | 0.72 | 0.74 | 0.58 | 1.00 | 0.84 | 0.03 |
| Villeneuve de la Raho | MN14 | 8 | 0.22 | 0.33 | 0.80 | 0.66 | 0.41 | 0.20 |
| Olkhon (Sarayskaya: hor. 5) | MN14 | 6 | 0.21 | 0.31 | 0.34 | 0.66 | 0.40 | 0.20 |
| Horizon Indet (Lothagam) | MN14 | 24 | 1.00 | 0.11 | 0.13 | 0.46 | 0.69 | 0.98 |
| Khirgis-Nur II-upper | MN14 | 18 | 0.33 | 0.88 | 0.90 | 0.72 | 0.34 | 0.66 |
| Agera Gawtu | MN14 | 13 | 1.00 | 0.26 | 0.28 | 0.84 | 0.36 | 0.76 |

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|---|---|---|---|---|---|---|---|---|
| Langebaanweg (LQSM + MPPM) | MN14 | 32 | 1.00 | 0.78 | 0.61 | 0.86 | 0.19 | 0.99 |
| Amba East | MN14 | 30 | 1.00 | 0.59 | 0.35 | 0.75 | 0.20 | 0.97 |
| Amba West | MN14 | 23 | 1.00 | 0.37 | 0.42 | 0.70 | 0.23 | 0.91 |
| Kuseralee | MN14 | 28 | 1.00 | 0.65 | 0.39 | 0.60 | 0.20 | 0.99 |
| Inolelo 1 | MN13 | 6 | 0.89 | 0.32 | 0.34 | 0.68 | 0.90 | 0.88 |
| Shoshamagai | MN13 | 7 | 1.00 | 0.76 | 0.78 | 0.63 | 0.38 | 0.97 |
| Saitune Dora | MN13 | 25 | 1.00 | 0.09 | 0.10 | 0.38 | 0.65 | 0.28 |
| Casino | MN13 | 8 | 0.15 | 0.27 | 0.75 | 1.00 | 0.87 | 0.49 |
| Gargano | MN13 | 5 | 0.32 | 0.40 | 0.91 | 0.84 | 0.46 | 0.32 |
| Maramena | MN13 | 21 | 0.39 | 0.91 | 0.99 | 0.98 | 0.70 | 0.40 |
| Silata | MN13 | 6 | 0.21 | 0.32 | 0.79 | 0.65 | 0.90 | 0.20 |
| Adu Dora | MN13 | 7 | 0.97 | 0.30 | 0.31 | 0.21 | 0.38 | 0.53 |
| Alayla | MN13 | 25 | 1.00 | 0.08 | 0.10 | 0.13 | 0.61 | 0.68 |
| Asa Koma | MN13 | 41 | 1.00 | 0.19 | 0.05 | 0.15 | 0.49 | 0.43 |
| Bikir Mali Koma | MN13 | 6 | 1.00 | 0.31 | 0.35 | 0.68 | 0.90 | 0.61 |
| Digiba Dora | MN13 | 17 | 1.00 | 0.14 | 0.16 | 0.54 | 0.72 | 0.44 |
| Upper Nawata (Lothagam) | MN13 | 43 | 1.00 | 0.83 | 0.68 | 0.30 | 0.61 | 1.00 |
| Jara-Borkana | MN13 | 6 | 1.00 | 0.34 | 0.36 | 0.71 | 0.92 | 0.68 |
| Lemudong'o | MN13 | 23 | 0.78 | 0.11 | 0.13 | 0.42 | 0.68 | 0.31 |
| Albertine 1 | MN13 | 26 | 1.00 | 0.40 | 0.45 | 0.16 | 0.66 | 0.97 |
| Albertine 14 | MN13 | 10 | 0.39 | 0.25 | 0.26 | 0.14 | 0.35 | 0.11 |
| Amasya 2 | MN13 | 6 | 0.20 | 0.79 | 0.82 | 0.24 | 0.41 | 0.60 |
| Ananjev | MN13 | 5 | 0.66 | 0.35 | 0.36 | 0.71 | 0.41 | 0.66 |
| Ano Metochi 2:3 | MN13 | 5 | 0.68 | 0.98 | 1.00 | 0.95 | 0.42 | 0.93 |
| Arenas del Rey | MN13 | 5 | 0.23 | 0.82 | 0.84 | 0.71 | 0.92 | 0.91 |
| Arquillo 1 | MN13 | 23 | 0.16 | 0.91 | 0.95 | 0.47 | 0.27 | 0.62 |
| Baccinello V3 | MN13 | 17 | 0.05 | 0.81 | 0.57 | 0.99 | 0.73 | 0.04 |
| Brisighella | MN13 | 14 | 0.56 | 0.55 | 0.88 | 1.00 | 0.75 | 0.06 |
| Chaingzauk | MN13 | 15 | 0.29 | 0.18 | 0.20 | 0.36 | 0.96 | 0.30 |
| Dytiko 1 (DTK) | MN13 | 18 | 0.46 | 0.79 | 0.84 | 0.82 | 0.28 | 0.21 |
| Dytiko 2 (DIT) | MN13 | 13 | 0.36 | 0.63 | 0.68 | 0.76 | 0.35 | 0.38 |
| Dytiko 3 (DKO) | MN13 | 12 | 0.36 | 0.64 | 0.67 | 0.74 | 0.34 | 0.36 |
| El Arquillo 1 | MN13 | 29 | 0.13 | 0.89 | 0.92 | 0.43 | 0.25 | 0.58 |
| Fugu-Laogaochuan-miaoliang | MN13 | 11 | 0.13 | 0.68 | 0.71 | 0.16 | 0.35 | 0.45 |
| Gravitelli | MN13 | 11 | 0.68 | 0.90 | 0.93 | 0.99 | 0.81 | 0.88 |
| Gusinyy perelyot | MN13 | 27 | 0.06 | 0.84 | 0.35 | 0.33 | 0.21 | 0.08 |
| Ho-qu-114 | MN13 | 11 | 0.50 | 0.94 | 0.96 | 0.58 | 0.38 | 0.82 |
| Hsin-An-Loc.12 | MN13 | 12 | 0.32 | 0.97 | 0.98 | 0.70 | 0.81 | 0.65 |
| Kalmakpaj | MN13 | 17 | 0.21 | 0.95 | 0.84 | 0.29 | 0.29 | 0.48 |
| Karabastuz | MN13 | 11 | 0.10 | 0.91 | 0.93 | 0.79 | 0.34 | 0.41 |
| La Alberca | MN13 | 7 | 0.18 | 0.75 | 0.97 | 0.62 | 0.39 | 0.56 |
| Lantian-42 | MN13 | 12 | 0.35 | 0.89 | 0.92 | 0.45 | 0.35 | 0.69 |
| Las Casiones | MN13 | 23 | 0.33 | 0.70 | 0.42 | 0.17 | 0.65 | 0.32 |
| Lemudong'o-1 | MN13 | 16 | 0.51 | 0.15 | 0.19 | 0.32 | 0.75 | 0.23 |
| Lemudong'o-2 | MN13 | 8 | 0.99 | 0.29 | 0.30 | 0.56 | 0.87 | 0.49 |
| Librilla | MN13 | 5 | 0.24 | 0.83 | 0.99 | 0.94 | 0.92 | 0.67 |
| Lukeino | MN13 | 19 | 1.00 | 0.75 | 0.49 | 0.23 | 0.26 | 1.00 |
| Lukeino 4 | MN13 | 5 | 0.69 | 0.34 | 0.37 | 0.72 | 0.92 | 0.23 |

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| Manonga 1 | MN13 | 12 | 1.00 | 0.61 | 0.64 | 0.43 | 0.32 | 0.96 |
| Menacer | MN13 | 10 | 0.43 | 0.69 | 0.73 | 0.17 | 0.37 | 0.44 |
| Milagros | MN13 | 11 | 0.13 | 0.91 | 0.74 | 0.53 | 0.86 | 0.45 |
| Mytilinii 1A | MN13 | 27 | 0.29 | 0.88 | 0.74 | 0.17 | 0.22 | 0.30 |
| Mytilinii 1B | MN13 | 23 | 0.48 | 0.79 | 0.83 | 0.26 | 0.29 | 0.49 |
| Mytilinii 1C | MN13 | 7 | 0.55 | 0.95 | 0.96 | 0.59 | 0.39 | 0.85 |
| Nurpur | MN13 | 21 | 0.15 | 0.42 | 0.49 | 0.23 | 0.69 | 0.37 |
| Pao-Te-Lok.108 | MN13 | 18 | 0.29 | 0.97 | 0.89 | 0.36 | 0.30 | 0.62 |
| Pao-Te-Lok.109 | MN13 | 16 | 0.41 | 0.92 | 0.93 | 0.48 | 0.33 | 0.72 |
| Pao-Te-Lok.110 | MN13 | 10 | 0.41 | 0.92 | 0.93 | 0.48 | 0.35 | 0.72 |
| Pao-Te-Lok.30 | MN13 | 30 | 0.30 | 0.89 | 0.75 | 0.15 | 0.21 | 0.32 |
| Pao-Te-Lok.31 | MN13 | 20 | 0.42 | 0.79 | 0.83 | 0.27 | 0.27 | 0.45 |
| Pao-Te-Lok.43 | MN13 | 23 | 0.18 | 0.94 | 0.96 | 0.56 | 0.27 | 0.43 |
| Pao-Te-Lok.44 | MN13 | 21 | 0.27 | 0.84 | 0.87 | 0.65 | 0.74 | 0.55 |
| Pao-Te-Lok.49 | MN13 | 35 | 0.36 | 0.92 | 0.85 | 0.86 | 0.86 | 0.13 |
| Pao-Te-Lok.52 | MN13 | 10 | 0.44 | 0.99 | 0.99 | 0.81 | 0.37 | 0.75 |
| Pavlodar | MN13 | 26 | 0.07 | 0.95 | 0.67 | 0.28 | 0.19 | 0.21 |
| Qingyang-Lok.115 | MN13 | 15 | 0.42 | 0.92 | 0.93 | 0.48 | 0.35 | 0.72 |
| Qingyang-Lok.116 | MN13 | 16 | 0.33 | 0.88 | 0.92 | 0.39 | 0.32 | 0.64 |
| Sahabi | MN13 | 26 | 0.93 | 0.59 | 0.88 | 0.29 | 0.61 | 0.65 |
| Samos-Q5 | MN13 | 16 | 0.27 | 0.53 | 0.59 | 0.34 | 0.30 | 0.27 |
| Songshan-Loc.2 | MN13 | 17 | 0.22 | 0.96 | 0.97 | 0.63 | 0.30 | 0.53 |
| Songshan-Loc.3 | MN13 | 16 | 0.30 | 0.97 | 0.97 | 0.68 | 0.31 | 0.60 |
| Tha Chang 2 | MN13 | 10 | 0.13 | 0.68 | 0.71 | 0.15 | 0.37 | 0.43 |
| Toros-Menalla | MN13 | 32 | 0.97 | 0.99 | 0.79 | 0.81 | 0.53 | 0.84 |
| Venta del Moro | MN13 | 34 | 0.25 | 0.33 | 0.84 | 0.70 | 0.41 | 0.22 |
| Villastar | MN13 | 6 | 0.15 | 0.99 | 1.00 | 1.00 | 0.38 | 0.14 |
| Wadi Natrun | MN13 | 14 | 0.16 | 0.27 | 0.29 | 0.18 | 0.38 | 0.14 |
| Wu-Hsiang-loc.78 | MN13 | 8 | 0.54 | 0.96 | 0.96 | 0.61 | 0.38 | 0.84 |
| Wu-Hsiang-Lok.70 | MN13 | 7 | 0.46 | 0.99 | 0.99 | 0.81 | 0.36 | 0.76 |
| Wu-Hsiang-Lok.73 | MN13 | 9 | 0.22 | 0.35 | 0.36 | 0.27 | 0.42 | 0.24 |
| Yushe-hounao | MN13 | 12 | 0.15 | 0.99 | 0.95 | 0.56 | 0.37 | 0.49 |
| Bazaleti | MN13 | 16 | 0.52 | 0.82 | 0.86 | 0.29 | 0.29 | 0.77 |
| Khirgis-Nur II-lower | MN13 | 15 | 0.43 | 0.91 | 0.93 | 0.46 | 0.35 | 0.74 |
| Mpesida | MN13 | 10 | 1.00 | 0.25 | 0.26 | 0.52 | 0.36 | 0.94 |
| Olkhon (Sarayskaya: hor. 3) | MN13 | 6 | 0.21 | 0.31 | 0.32 | 0.23 | 0.41 | 0.19 |
| Kromidovo 1 | MN13 | 5 | 0.28 | 0.83 | 0.88 | 0.29 | 0.44 | 0.73 |
| Polgardi | MN13 | 15 | 0.22 | 0.15 | 0.19 | 0.30 | 0.76 | 0.23 |
| Samos | MN13 | 53 | 0.08 | 0.44 | 0.52 | 0.04 | 0.15 | 0.08 |
| Sandikli Kinik | MN13 | 15 | 0.22 | 0.82 | 0.88 | 0.30 | 0.30 | 0.51 |
| Titov Veles | MN13 | 10 | 0.10 | 0.24 | 0.27 | 0.47 | 0.83 | 0.11 |
| Siwaliks Y0908 | MN13 | 5 | 0.23 | 0.33 | 0.37 | 0.73 | 0.92 | 0.22 |
| Samos (FMAS) | MN12 | 20 | 0.41 | 0.75 | 0.82 | 0.23 | 0.28 | 0.37 |
| Puy Courny | MN12 | 5 | 0.93 | 0.82 | 0.85 | 0.74 | 0.44 | 0.92 |
| Siwaliks Y0581 | MN12 | 9 | 0.50 | 0.27 | 0.30 | 0.59 | 0.87 | 0.49 |
| Siwaliks Y0910 | MN12 | 6 | 0.66 | 0.33 | 0.36 | 0.72 | 0.91 | 0.67 |
| Lower Nawata (Lothagam) | MN12 | 47 | 1.00 | 0.12 | 0.17 | 0.46 | 0.43 | 0.97 |
| Samos Main Bone Beds | MN12 | 56 | 0.20 | 0.51 | 0.36 | 0.34 | 0.39 | 0.07 |

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| Azmaka 1-4 | MN12 | 24 | 0.87 | 0.37 | 0.39 | 0.39 | 0.22 | 0.50 |
| Samos (DMAS) | MN12 | 34 | 0.16 | 0.58 | 0.64 | 0.09 | 0.17 | 0.14 |
| Baogedawula | MN12 | 5 | 0.23 | 0.82 | 0.85 | 0.27 | 0.43 | 0.67 |
| Achladi | MN12 | 5 | 0.24 | 0.33 | 0.36 | 0.71 | 0.91 | 0.24 |
| Achmet Aga | MN12 | 5 | 0.91 | 0.97 | 0.99 | 0.73 | 0.42 | 0.90 |
| Chang Chia Chuang | MN12 | 7 | 0.55 | 0.75 | 0.78 | 0.63 | 0.40 | 0.55 |
| Dongxiang-jiegou | MN12 | 5 | 0.67 | 0.82 | 0.84 | 0.27 | 0.42 | 0.66 |
| Esendere | MN12 | 9 | 0.47 | 0.69 | 0.73 | 0.49 | 0.36 | 0.44 |
| Fu-Ku-Lok.51 | MN12 | 8 | 0.15 | 0.72 | 0.75 | 0.20 | 0.37 | 0.50 |
| Guanghe-zhuangheji-LX200019 | MN12 | 5 | 0.64 | 0.82 | 0.84 | 0.71 | 0.43 | 0.66 |
| Guide-heerjia | MN12 | 7 | 0.97 | 0.95 | 0.96 | 0.99 | 0.40 | 0.83 |
| Hezheng-heilingding-LX200035 | MN12 | 17 | 0.62 | 0.86 | 0.61 | 0.35 | 0.30 | 0.28 |
| Hezheng-hetuo-LX200023 | MN12 | 7 | 0.17 | 0.76 | 0.77 | 0.20 | 0.39 | 0.55 |
| Huade-Heishatou | MN12 | 5 | 0.24 | 0.82 | 0.84 | 0.28 | 0.42 | 0.65 |
| Huade-Tuchetse | MN12 | 11 | 0.10 | 0.60 | 0.67 | 0.13 | 0.33 | 0.36 |
| Huoxian-anlecun | MN12 | 10 | 0.42 | 0.99 | 0.93 | 0.46 | 0.36 | 0.73 |
| Jungar-Yaogou | MN12 | 12 | 0.40 | 0.91 | 0.93 | 0.48 | 0.36 | 0.71 |
| Karatchok Dagh | MN12 | 5 | 0.24 | 0.80 | 0.84 | 0.26 | 0.42 | 0.67 |
| Kefraya | MN12 | 12 | 0.73 | 0.92 | 0.93 | 0.46 | 0.35 | 0.90 |
| Lantian-jiulaopo-s3 | MN12 | 5 | 0.67 | 0.98 | 0.98 | 0.71 | 0.42 | 0.91 |
| Lantian-koujiacun-damiaogou | MN12 | 7 | 0.61 | 0.97 | 0.97 | 0.67 | 0.40 | 0.90 |
| Lushi-Redclay | MN12 | 8 | 0.49 | 0.94 | 0.96 | 0.57 | 0.39 | 0.82 |
| Magian | MN12 | 5 | 0.23 | 0.82 | 0.84 | 0.27 | 0.42 | 0.66 |
| Morskaya 2 | MN12 | 7 | 0.54 | 0.75 | 0.79 | 0.88 | 0.39 | 0.56 |
| Ravin Ar. | MN12 | 8 | 0.48 | 0.93 | 0.95 | 0.56 | 0.38 | 0.78 |
| Rustavi | MN12 | 15 | 0.25 | 0.84 | 0.87 | 0.32 | 0.29 | 0.56 |
| Thermopigi | MN12 | 18 | 0.67 | 0.76 | 0.81 | 0.78 | 0.93 | 0.40 |
| Wudu-longjiagou | MN12 | 30 | 0.58 | 0.96 | 0.97 | 0.60 | 0.39 | 0.83 |
| Yushe | MN12 | 43 | 0.30 | 0.97 | 1.00 | 1.00 | 0.32 | 0.29 |
| Zhangqiu-Balouhe | MN12 | 8 | 0.68 | 0.81 | 0.36 | 0.70 | 0.42 | 0.65 |
| Pikermi | MN12 | 52 | 0.17 | 0.25 | 0.34 | 0.29 | 0.36 | 0.02 |
| Siwaliks L0072 | MN12 | 6 | 0.23 | 0.34 | 0.36 | 0.26 | 0.42 | 0.67 |
| Siwaliks Y0452 | MN12 | 8 | 0.80 | 0.74 | 0.29 | 0.55 | 0.87 | 0.81 |
| Samos White Sands | MN12 | 8 | 0.14 | 0.27 | 0.29 | 0.19 | 0.38 | 0.14 |
| Siwaliks L0082 | MN12 | 9 | 0.19 | 0.29 | 0.32 | 0.60 | 0.87 | 0.18 |
| Siwaliks Y0941 | MN12 | 5 | 0.28 | 0.37 | 0.37 | 0.30 | 0.94 | 0.27 |
| Samos (IMAS) | MN12 | 24 | 0.32 | 0.70 | 0.75 | 0.17 | 0.24 | 0.33 |
| Siwaliks Y0457 | MN12 | 10 | 0.13 | 0.26 | 0.27 | 0.52 | 0.98 | 0.13 |
| Siwaliks Y0935 | MN12 | 5 | 0.28 | 0.37 | 0.40 | 0.30 | 0.44 | 0.26 |
| Siwaliks Y0943 | MN12 | 6 | 0.23 | 0.34 | 0.35 | 0.72 | 0.91 | 0.24 |
| Kemiklitepe D | MN12 | 11 | 0.72 | 0.64 | 0.70 | 0.46 | 0.35 | 0.40 |
| Samos (PMAS) | MN12 | 22 | 0.16 | 0.74 | 0.82 | 0.24 | 0.27 | 0.41 |
| Akgedik-Bayir | MN12 | 11 | 0.71 | 0.65 | 0.68 | 0.49 | 0.36 | 0.40 |
| Akkasdagi | MN12 | 29 | 0.38 | 0.84 | 0.65 | 0.49 | 0.20 | 0.17 |
| Aljezar B | MN12 | 8 | 0.49 | 0.28 | 0.75 | 0.53 | 0.37 | 0.15 |
| Baccinello V2 | MN12 | 7 | 0.56 | 0.29 | 0.33 | 0.22 | 0.38 | 0.18 |
| Baltavar | MN12 | 17 | 0.45 | 0.79 | 0.57 | 0.81 | 0.76 | 0.49 |
| Belka | MN12 | 14 | 0.27 | 0.52 | 0.60 | 0.34 | 0.30 | 0.26 |

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| Cerro de la Garita | MN12 | 30 | 0.52 | 0.78 | 0.57 | 0.69 | 0.85 | 0.31 |
| Chimishlija (Cimislia) | MN12 | 29 | 0.45 | 0.31 | 0.36 | 0.33 | 0.60 | 0.22 |
| Chomateres | MN12 | 12 | 0.34 | 0.60 | 0.65 | 0.73 | 0.32 | 0.33 |
| Cobanpinar (Sinap 42) | MN12 | 14 | 0.26 | 0.54 | 0.59 | 0.64 | 0.77 | 0.26 |
| Concud | MN12 | 23 | 0.31 | 0.87 | 0.92 | 0.84 | 0.62 | 0.29 |
| Concud 2 | MN12 | 6 | 0.19 | 0.78 | 0.98 | 0.64 | 0.40 | 0.61 |
| Concud Barranco | MN12 | 8 | 0.50 | 0.94 | 1.00 | 0.85 | 0.38 | 0.81 |
| Crevillente 15 | MN12 | 8 | 0.51 | 0.71 | 0.95 | 0.58 | 0.87 | 0.80 |
| Crevillente 16 | MN12 | 8 | 0.15 | 0.95 | 0.77 | 0.17 | 0.86 | 0.50 |
| Duzyayla | MN12 | 11 | 0.66 | 0.90 | 0.99 | 0.75 | 0.34 | 0.89 |
| Elekci | MN12 | 5 | 0.73 | 0.85 | 0.86 | 0.76 | 0.45 | 0.71 |
| Fiume Santo | MN12 | 8 | 0.16 | 0.26 | 0.30 | 0.19 | 0.38 | 0.16 |
| G?lpinar | MN12 | 12 | 0.34 | 0.60 | 0.65 | 0.40 | 0.32 | 0.32 |
| G?lpinar 3 | MN12 | 6 | 0.19 | 0.77 | 0.81 | 0.23 | 0.42 | 0.60 |
| Gura-Galben | MN12 | 11 | 0.67 | 0.90 | 0.67 | 0.75 | 0.32 | 0.37 |
| Hadjidimovo-1 | MN12 | 29 | 0.06 | 0.81 | 0.67 | 0.76 | 0.58 | 0.20 |
| Halmyropotamos (HAL) | MN12 | 22 | 0.33 | 0.70 | 0.45 | 0.19 | 0.25 | 0.35 |
| Ivand | MN12 | 5 | 0.95 | 0.99 | 0.99 | 0.76 | 0.44 | 1.00 |
| Jilong | MN12 | 9 | 0.54 | 0.94 | 0.97 | 0.60 | 0.38 | 0.84 |
| Kalimanci 2 | MN12 | 16 | 0.05 | 0.15 | 0.17 | 0.29 | 0.74 | 0.04 |
| Kalimanci 4 | MN12 | 5 | 0.24 | 0.82 | 0.84 | 0.70 | 0.43 | 0.67 |
| Kalimantsi-Pehtsata | MN12 | 7 | 0.57 | 0.74 | 0.78 | 0.89 | 0.39 | 0.55 |
| Kavakdere (Turolian) | MN12 | 7 | 0.18 | 0.76 | 0.78 | 0.21 | 0.39 | 0.54 |
| Kemiklitepe A-B | MN12 | 16 | 0.80 | 0.83 | 0.55 | 0.31 | 0.29 | 0.24 |
| Kizil?ren | MN12 | 9 | 0.42 | 0.92 | 0.96 | 0.52 | 0.35 | 0.76 |
| Kromidovo 2 | MN12 | 5 | 0.29 | 0.37 | 0.39 | 0.77 | 0.44 | 0.27 |
| Lantian-6 | MN12 | 14 | 0.39 | 0.99 | 0.99 | 0.80 | 0.35 | 0.70 |
| Las Pedrizas | MN12 | 7 | 0.55 | 0.75 | 0.96 | 0.59 | 0.40 | 0.85 |
| Los Aljezares | MN12 | 9 | 0.13 | 0.68 | 0.28 | 0.17 | 0.36 | 0.13 |
| Los Mansuetos | MN12 | 29 | 0.18 | 0.81 | 0.87 | 0.49 | 0.19 | 0.17 |
| Lufeng-shihuiba | MN12 | 41 | 0.28 | 0.04 | 0.06 | 0.60 | 0.53 | 0.03 |
| Maragheh (MMTT 1) | MN12 | 7 | 0.65 | 0.97 | 0.98 | 0.71 | 0.41 | 0.92 |
| Maragheh (MMTT 13) | MN12 | 16 | 0.76 | 0.81 | 0.85 | 0.32 | 0.30 | 0.54 |
| Maragheh (MMTT 26) | MN12 | 6 | 0.60 | 0.96 | 0.97 | 0.67 | 0.40 | 0.87 |
| Maragheh (MMTT 31) | MN12 | 6 | 0.20 | 0.79 | 0.81 | 0.23 | 0.40 | 0.61 |
| Maragheh (MMTT 37) | MN12 | 11 | 0.47 | 0.92 | 0.94 | 0.50 | 0.37 | 0.78 |
| Maragheh (MMTT 7) | MN12 | 11 | 0.69 | 0.90 | 0.93 | 0.43 | 0.34 | 0.69 |
| Middle Maragheh | MN12 | 39 | 0.23 | 0.20 | 0.25 | 0.36 | 0.16 | 0.02 |
| Molayan | MN12 | 17 | 0.75 | 0.80 | 0.86 | 0.94 | 0.28 | 0.47 |
| Mt. Luberon | MN12 | 9 | 0.75 | 0.99 | 0.99 | 0.81 | 0.36 | 0.76 |
| Mytilinii 3 | MN12 | 14 | 0.33 | 0.85 | 0.90 | 0.41 | 0.34 | 0.66 |
| Mytilinii 4 | MN12 | 14 | 0.27 | 0.85 | 0.90 | 0.37 | 0.32 | 0.57 |
| Ortok | MN12 | 11 | 0.37 | 0.89 | 0.93 | 0.43 | 0.33 | 0.67 |
| Perivolaki | MN12 | 26 | 0.50 | 0.64 | 0.71 | 0.36 | 0.22 | 0.72 |
| Pikermi-MNHN (PIK) | MN12 | 27 | 0.21 | 0.28 | 0.33 | 0.28 | 0.18 | 0.17 |
| Pinaryaka | MN12 | 10 | 0.72 | 0.92 | 0.92 | 0.47 | 0.35 | 0.91 |
| Prochoma | MN12 | 16 | 0.22 | 0.81 | 0.85 | 0.31 | 0.31 | 0.53 |
| Ravin X | MN12 | 15 | 0.25 | 0.97 | 0.88 | 0.66 | 0.30 | 0.53 |

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|---|---|---|---|---|---|---|---|---|
| Salihpasalar | MN12 | 13 | 0.32 | 0.61 | 0.66 | 0.41 | 0.33 | 0.32 |
| Salihpasalar 1 | MN12 | 10 | 0.43 | 0.66 | 0.73 | 0.52 | 0.37 | 0.44 |
| Salihpasalar 2 | MN12 | 10 | 0.39 | 0.66 | 0.69 | 0.49 | 0.36 | 0.40 |
| Samos (A-1) | MN12 | 34 | 0.53 | 0.76 | 0.60 | 0.44 | 0.54 | 0.30 |
| Samos-Q6 | MN12 | 9 | 0.45 | 0.67 | 0.72 | 0.51 | 0.37 | 0.45 |
| Serefk?y | MN12 | 12 | 0.64 | 0.88 | 0.90 | 0.40 | 0.32 | 0.63 |
| Sor | MN12 | 12 | 0.31 | 0.97 | 0.90 | 0.41 | 0.33 | 0.62 |
| Taraklia | MN12 | 41 | 0.34 | 0.57 | 0.61 | 0.26 | 0.56 | 0.34 |
| Tudorovo | MN12 | 11 | 0.12 | 0.23 | 0.27 | 0.13 | 0.35 | 0.11 |
| Upper Maragheh | MN12 | 28 | 1.00 | 0.15 | 0.23 | 0.30 | 0.46 | 0.99 |
| Valdecebro 5 | MN12 | 6 | 0.18 | 0.29 | 0.32 | 0.21 | 0.40 | 0.17 |
| Vathylakkos 2 (VTK) | MN12 | 13 | 0.33 | 0.68 | 0.76 | 0.68 | 0.22 | 0.32 |
| Vathylakkos 3 (VAT) | MN12 | 23 | 0.24 | 0.98 | 0.98 | 0.94 | 0.41 | 0.23 |
| Siwaliks Y0946 | MN11 | 7 | 0.84 | 0.75 | 0.80 | 0.88 | 0.87 | 0.84 |
| Siwaliks Y0950 | MN11 | 8 | 0.21 | 0.33 | 0.34 | 0.66 | 0.88 | 0.20 |
| Siwaliks Y0947 | MN11 | 6 | 0.59 | 0.32 | 0.34 | 0.66 | 0.91 | 0.60 |
| Siwaliks Y0960 | MN11 | 7 | 0.21 | 0.30 | 0.33 | 0.68 | 0.91 | 0.19 |
| Siwaliks Y0917 | MN11 | 6 | 0.21 | 0.32 | 0.34 | 0.67 | 0.90 | 0.19 |
| Corakyerler | MN11 | 25 | 0.10 | 0.88 | 0.72 | 0.15 | 0.22 | 0.28 |
| Siwaliks Y0011 | MN11 | 10 | 0.41 | 0.23 | 0.28 | 0.47 | 0.83 | 0.41 |
| Siwaliks Y0097 | MN11 | 7 | 0.58 | 0.32 | 0.34 | 0.65 | 0.90 | 0.62 |
| Siwaliks Y0399 | MN11 | 7 | 0.21 | 0.32 | 0.33 | 0.65 | 0.89 | 0.22 |
| Siwaliks Y0541 | MN11 | 8 | 0.55 | 0.29 | 0.32 | 0.60 | 0.87 | 0.54 |
| Siwaliks Y0547 | MN11 | 11 | 0.42 | 0.24 | 0.25 | 0.48 | 0.84 | 0.43 |
| Sinap 26 | MN11 | 11 | 0.35 | 0.63 | 0.68 | 0.46 | 0.34 | 0.36 |
| Sinap 33 | MN11 | 10 | 0.41 | 0.65 | 0.71 | 0.49 | 0.35 | 0.37 |
| Siwaliks Y0090 | MN11 | 5 | 0.67 | 0.35 | 0.36 | 0.71 | 0.92 | 0.67 |
| Siwaliks Y0017 | MN11 | 10 | 0.41 | 0.23 | 0.26 | 0.15 | 0.34 | 0.40 |
| Siwaliks Y0019 | MN11 | 7 | 0.54 | 0.29 | 0.32 | 0.21 | 0.39 | 0.56 |
| Siwaliks Y0020 | MN11 | 6 | 0.19 | 0.30 | 0.34 | 0.23 | 0.41 | 0.20 |
| Baynunah | MN11 | 15 | 0.30 | 0.86 | 0.88 | 0.69 | 0.97 | 0.60 |
| Siwaliks Y0033 | MN11 | 5 | 0.23 | 0.34 | 0.35 | 0.27 | 0.42 | 0.23 |
| Siwaliks L0073 | MN11 | 5 | 0.74 | 0.39 | 0.40 | 0.29 | 0.43 | 0.72 |
| Siwaliks L0074 | MN11 | 5 | 0.28 | 0.39 | 0.39 | 0.31 | 0.44 | 0.27 |
| Siwaliks Y0539 | MN11 | 9 | 0.50 | 0.73 | 0.30 | 0.57 | 0.86 | 0.51 |
| Siwaliks Y0542 | MN11 | 7 | 0.18 | 0.74 | 0.79 | 0.62 | 0.88 | 0.55 |
| Siwaliks Y0545 | MN11 | 16 | 0.83 | 0.55 | 0.62 | 0.68 | 0.76 | 0.84 |
| Siwaliks Y0599 | MN11 | 10 | 0.77 | 0.69 | 0.73 | 0.51 | 0.86 | 0.93 |
| Siwaliks Y0600 | MN11 | 8 | 0.84 | 0.76 | 0.31 | 0.20 | 0.40 | 0.85 |
| Siwaliks Y0606 | MN11 | 7 | 0.59 | 0.31 | 0.34 | 0.24 | 0.41 | 0.60 |
| Siwaliks Y0998 | MN11 | 6 | 0.65 | 0.35 | 0.36 | 0.73 | 0.91 | 0.66 |
| Khirgis-Nur II-Altan-Teli | MN11 | 9 | 0.59 | 0.97 | 0.98 | 0.67 | 0.41 | 0.90 |
| Baccinello V1 | MN11 | 6 | 0.21 | 0.31 | 0.33 | 0.22 | 0.41 | 0.21 |
| Eski Bayirk?y | MN11 | 5 | 0.24 | 0.34 | 0.36 | 0.27 | 0.42 | 0.25 |
| Gorna Susica | MN11 | 7 | 0.18 | 0.76 | 0.78 | 0.63 | 0.38 | 0.56 |
| Hayranli Main Bed | MN11 | 10 | 0.40 | 0.92 | 0.93 | 0.49 | 0.36 | 0.75 |
| Kalimanci 3 | MN11 | 6 | 0.62 | 0.79 | 0.81 | 0.68 | 0.41 | 0.63 |
| Karain 2 | MN11 | 5 | 0.92 | 0.98 | 0.98 | 0.94 | 0.42 | 0.91 |

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|---|---|---|---|---|---|---|---|---|
| Kemiklitepe 1:2 | MN11 | 21 | 0.37 | 0.41 | 0.46 | 0.21 | 0.26 | 0.12 |
| Kerassia | MN11 | 5 | 0.92 | 0.81 | 0.85 | 0.72 | 0.43 | 0.92 |
| Kerassia 1 | MN11 | 12 | 0.63 | 0.88 | 0.90 | 0.40 | 0.33 | 0.61 |
| Kerassia 3 | MN11 | 5 | 0.22 | 0.83 | 0.84 | 0.27 | 0.42 | 0.66 |
| Kerassia 4 | MN11 | 9 | 0.48 | 0.99 | 0.95 | 0.48 | 0.37 | 0.75 |
| Mahmutgazi | MN11 | 12 | 0.33 | 0.19 | 0.23 | 0.11 | 0.33 | 0.08 |
| Maragheh | MN11 | 47 | 0.46 | 0.35 | 0.44 | 0.25 | 0.42 | 0.13 |
| Monte Bamboli | MN11 | 8 | 0.50 | 0.27 | 0.31 | 0.16 | 0.38 | 0.14 |
| Novo-Elizavetovka | MN11 | 20 | 0.40 | 0.45 | 0.49 | 0.23 | 0.71 | 0.40 |
| Pyrgos Vassilissis | MN11 | 8 | 0.55 | 0.74 | 0.79 | 0.60 | 0.39 | 0.56 |
| Siwaliks Y0024 | MN11 | 15 | 0.59 | 0.87 | 0.89 | 0.67 | 0.79 | 0.82 |
| Siwaliks Y0034 | MN11 | 5 | 0.24 | 0.34 | 0.35 | 0.70 | 0.91 | 0.23 |
| Siwaliks Y0036 | MN11 | 5 | 0.66 | 0.84 | 0.84 | 0.68 | 0.41 | 0.69 |
| Siwaliks Y0176 | MN11 | 5 | 0.24 | 0.33 | 0.35 | 0.73 | 0.91 | 0.23 |
| Djebel Krechem el Artsouma | MN11 | 11 | 0.42 | 0.66 | 0.72 | 0.48 | 0.84 | 0.42 |
| Irrawaddy 1 | MN11 | 27 | 0.02 | 0.32 | 0.41 | 0.14 | 0.90 | 0.25 |
| Qinan-Chenggoucun | MN11 | 5 | 0.67 | 0.98 | 0.98 | 0.71 | 0.43 | 0.92 |
| Tanagra | MN11 | 5 | 0.71 | 0.85 | 0.88 | 0.74 | 0.44 | 0.73 |
| Siwaliks Y0007 | MN11 | 5 | 0.26 | 0.34 | 0.35 | 0.70 | 0.93 | 0.23 |
| Bahe | MN11 | 22 | 0.21 | 0.94 | 0.96 | 0.58 | 0.27 | 0.47 |
| Chobruchi (Tchobroutchi) | MN11 | 24 | 0.53 | 0.68 | 0.74 | 0.17 | 0.68 | 0.57 |
| Haliminhani 4 | MN11 | 5 | 0.64 | 0.98 | 0.98 | 0.73 | 0.41 | 0.93 |
| Sarihasan | MN11 | 5 | 0.24 | 0.97 | 0.83 | 0.27 | 0.42 | 0.65 |
| Siwaliks Y0028 | MN11 | 12 | 0.11 | 0.24 | 0.26 | 0.46 | 0.83 | 0.11 |
| Sinap 34 | MN11 | 5 | 0.24 | 0.34 | 0.36 | 0.29 | 0.42 | 0.24 |
| Siwaliks Y0174 | MN11 | 6 | 0.59 | 0.32 | 0.33 | 0.23 | 0.40 | 0.59 |
| Siwaliks Y0535 | MN11 | 8 | 0.17 | 0.29 | 0.31 | 0.61 | 0.88 | 0.17 |
| Dzedzvtakhevi | MN11 | 8 | 0.82 | 0.94 | 0.95 | 0.85 | 0.38 | 0.81 |
| Eldari | MN11 | 11 | 0.73 | 0.91 | 0.92 | 0.46 | 0.35 | 0.92 |
| Kujalnitskij liman | MN11 | 7 | 0.54 | 0.97 | 0.97 | 0.61 | 0.40 | 0.86 |
| Chorora | MN11 | 8 | 0.95 | 0.27 | 0.29 | 0.18 | 0.39 | 0.82 |
| Siwaliks Y0604 | MN11 | 11 | 0.13 | 0.26 | 0.27 | 0.53 | 0.85 | 0.13 |
| Altan-Teli | MN11 | 18 | 0.36 | 0.89 | 0.91 | 0.76 | 0.34 | 0.70 |
| Bala Yaylak?y | MN11 | 11 | 0.41 | 0.66 | 0.69 | 0.48 | 0.36 | 0.42 |
| Crevillente 2 | MN11 | 16 | 0.23 | 0.49 | 0.56 | 0.31 | 0.30 | 0.22 |
| Csakvar | MN11 | 23 | 0.54 | 0.09 | 0.11 | 0.03 | 0.23 | 0.02 |
| Dorn D?rkheim 1 | MN11 | 40 | 0.36 | 0.03 | 0.05 | 0.32 | 0.51 | 0.02 |
| Dzhuanaryk | MN11 | 10 | 0.41 | 0.67 | 0.70 | 0.48 | 0.34 | 0.40 |
| Garkin | MN11 | 19 | 0.04 | 0.44 | 0.49 | 0.05 | 0.73 | 0.17 |
| Injana | MN11 | 16 | 0.50 | 0.50 | 0.57 | 0.32 | 0.31 | 0.26 |
| K???k?ekmece | MN11 | 22 | 0.81 | 0.90 | 0.78 | 0.20 | 0.68 | 0.81 |
| Kalimanci 1 | MN11 | 12 | 0.32 | 0.61 | 0.64 | 0.72 | 0.33 | 0.32 |
| Karacahasan | MN11 | 19 | 0.45 | 0.99 | 0.82 | 0.26 | 0.27 | 0.70 |
| Kayadibi | MN11 | 14 | 0.79 | 0.17 | 0.20 | 0.08 | 0.30 | 0.27 |
| Kocherinovo 1 | MN11 | 6 | 0.59 | 0.77 | 0.81 | 0.65 | 0.40 | 0.61 |
| Kocherinovo 2 | MN11 | 7 | 0.56 | 0.95 | 0.97 | 0.60 | 0.39 | 0.84 |
| Kohfidisch | MN11 | 16 | 0.53 | 0.80 | 0.85 | 0.31 | 0.29 | 0.76 |
| Lower Maragheh | MN11 | 8 | 0.14 | 0.72 | 0.75 | 0.19 | 0.38 | 0.49 |

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|---|---|---|---|---|---|---|---|---|
| Maragheh (MMTT 41) | MN11 | 5 | 0.66 | 0.98 | 0.99 | 0.71 | 0.42 | 0.91 |
| Nikiti 2 (NIK) | MN11 | 10 | 0.44 | 0.93 | 0.94 | 0.82 | 0.37 | 0.76 |
| Piera | MN11 | 14 | 0.28 | 0.18 | 0.59 | 0.34 | 0.30 | 0.25 |
| Puente Minero | MN11 | 18 | 0.04 | 0.46 | 0.82 | 0.25 | 0.72 | 0.16 |
| Qaidam-shenggou | MN11 | 13 | 0.32 | 0.98 | 0.92 | 0.40 | 0.33 | 0.67 |
| Ravin des Zouaves 5 | MN11 | 25 | 0.14 | 0.97 | 0.91 | 0.85 | 0.65 | 0.34 |
| Strumyani 1 | MN11 | 8 | 0.84 | 0.95 | 0.96 | 0.62 | 0.39 | 0.96 |
| Strumyani 2 | MN11 | 9 | 0.85 | 0.96 | 0.97 | 0.62 | 0.39 | 0.97 |
| Taghar | MN11 | 7 | 0.55 | 0.95 | 0.96 | 0.61 | 0.38 | 0.85 |
| Vivero de Pinos | MN11 | 6 | 0.24 | 1.00 | 1.00 | 0.95 | 0.28 | 0.52 |
| Yangjiashan | MN11 | 21 | 0.33 | 0.39 | 0.43 | 0.33 | 0.46 | 0.31 |
| Yuanmou-baozidong | MN11 | 13 | 0.53 | 0.31 | 0.32 | 0.61 | 0.89 | 0.18 |
| Yuanmou-hudieliangzi | MN11 | 7 | 0.31 | 0.19 | 0.22 | 0.10 | 0.33 | 0.31 |
| Siwaliks Y0981 | MN11 | 7 | 0.21 | 0.32 | 0.34 | 0.65 | 0.90 | 0.20 |
| Siwaliks Y0445 | MN11 | 5 | 0.68 | 0.35 | 0.37 | 0.71 | 0.93 | 0.65 |
| Siwaliks Y0158 | MN11 | 9 | 0.46 | 0.68 | 0.73 | 0.53 | 0.36 | 0.43 |
| Siwaliks Y0891 | MN11 | 6 | 0.21 | 0.32 | 0.35 | 0.23 | 0.41 | 0.20 |
| Siwaliks Y0388 | MN11 | 5 | 0.25 | 0.33 | 0.35 | 0.72 | 0.91 | 0.24 |
| Udabno I | MN11 | 11 | 0.60 | 0.78 | 0.81 | 0.22 | 0.40 | 0.89 |
| Siwaliks Y0166 | MN11 | 7 | 0.24 | 0.36 | 0.36 | 0.72 | 0.92 | 0.23 |
| Siwaliks Y0609 | MN11 | 5 | 0.24 | 0.35 | 0.35 | 0.72 | 0.92 | 0.24 |
| Siwaliks Y0980 | MN11 | 10 | 0.16 | 0.27 | 0.30 | 0.57 | 0.87 | 0.17 |
| Novaja Emetovka | MN11 | 19 | 0.38 | 0.78 | 0.80 | 0.21 | 0.28 | 0.66 |
| Siwaliks Y0406 | MN11 | 8 | 0.49 | 0.71 | 0.30 | 0.19 | 0.38 | 0.50 |
| Siwaliks Y0193 | MN10 | 7 | 0.17 | 0.29 | 0.32 | 0.61 | 0.89 | 0.17 |
| Siwaliks Y0196 | MN10 | 10 | 0.45 | 0.70 | 0.73 | 0.82 | 0.84 | 0.47 |
| Arkneti | MN10 | 5 | 0.68 | 0.83 | 0.84 | 0.70 | 0.42 | 0.67 |
| Siwaliks Y0324 | MN10 | 6 | 0.20 | 0.31 | 0.32 | 0.23 | 0.40 | 0.20 |
| Udabno II | MN10 | 6 | 0.10 | 0.99 | 1.00 | 1.00 | 0.22 | 0.51 |
| Ravin de la Pluie (RPL) | MN10 | 20 | 0.04 | 0.14 | 0.16 | 0.06 | 0.26 | 0.04 |
| Sinap 49 | MN10 | 18 | 0.76 | 0.50 | 0.58 | 0.30 | 0.29 | 0.53 |
| Akcak?y (1-6) | MN10 | 15 | 0.05 | 0.51 | 0.55 | 0.07 | 0.30 | 0.23 |
| Butwal | MN10 | 5 | 0.23 | 0.82 | 0.83 | 0.26 | 0.43 | 0.68 |
| Haritalyangar | MN10 | 7 | 0.18 | 0.28 | 0.30 | 0.62 | 0.88 | 0.18 |
| Karabulak svita | MN10 | 18 | 0.21 | 0.95 | 0.84 | 0.28 | 0.28 | 0.49 |
| Ngeringerowa 1/1003 | MN10 | 7 | 0.84 | 0.75 | 0.79 | 0.22 | 0.39 | 0.85 |
| Ngorora 12 | MN10 | 6 | 0.19 | 0.32 | 0.32 | 0.24 | 0.40 | 0.21 |
| Piram Island | MN10 | 5 | 0.24 | 0.34 | 0.35 | 0.24 | 0.42 | 0.22 |
| Siwaliks Y0182 | MN10 | 28 | 0.29 | 0.35 | 0.44 | 0.65 | 0.64 | 0.28 |
| Siwaliks Y0243 | MN10 | 10 | 0.40 | 0.24 | 0.25 | 0.48 | 0.83 | 0.40 |
| Siwaliks Y0317 | MN10 | 19 | 0.17 | 0.48 | 0.54 | 0.53 | 0.73 | 0.20 |
| Siwaliks Y0327 | MN10 | 8 | 0.16 | 0.28 | 0.30 | 0.58 | 0.86 | 0.17 |
| Siwaliks Y0260 | MN10 | 13 | 0.30 | 0.55 | 0.61 | 0.36 | 0.79 | 0.29 |
| Siwaliks Y0239 | MN10 | 5 | 0.24 | 0.35 | 0.37 | 0.70 | 0.91 | 0.24 |
| Siwaliks Y0191 | MN10 | 8 | 0.14 | 0.28 | 0.30 | 0.86 | 0.84 | 0.15 |
| Siwaliks Y0211 | MN10 | 18 | 0.70 | 0.47 | 0.55 | 0.55 | 0.72 | 0.45 |
| Siwaliks Y0240 | MN10 | 6 | 0.19 | 0.31 | 0.34 | 0.68 | 0.90 | 0.21 |
| Siwaliks Y0314 | MN10 | 15 | 0.24 | 0.55 | 0.57 | 0.65 | 0.77 | 0.24 |

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|---|---|---|---|---|---|---|---|---|
| Biru-Bulong | MN10 | 7 | 0.86 | 0.95 | 0.96 | 0.89 | 0.39 | 0.85 |
| Botamojnak | MN10 | 11 | 0.36 | 0.90 | 0.91 | 0.77 | 0.34 | 0.37 |
| Can Purull | MN10 | 23 | 0.74 | 0.33 | 0.71 | 0.63 | 0.23 | 0.25 |
| Cerro de los Batallones 1 | MN10 | 17 | 0.18 | 0.47 | 0.83 | 0.28 | 0.28 | 0.18 |
| Cerro de los Batallones 3 | MN10 | 9 | 0.45 | 0.69 | 0.72 | 0.14 | 0.38 | 0.44 |
| Dr?gu?eni | MN10 | 6 | 0.63 | 0.97 | 1.00 | 0.92 | 0.41 | 0.89 |
| Eldari I | MN10 | 22 | 0.61 | 0.71 | 0.79 | 0.20 | 0.23 | 0.60 |
| Fugu-Laogaochuan-lamagou | MN10 | 19 | 0.22 | 0.81 | 0.85 | 0.30 | 0.31 | 0.78 |
| Fugu-Laogaochuan-wangdafuliang | MN10 | 10 | 0.41 | 0.91 | 0.93 | 0.46 | 0.35 | 0.72 |
| Grebeniki | MN10 | 25 | 0.53 | 0.66 | 0.41 | 0.40 | 0.22 | 0.31 |
| Grossulovo | MN10 | 8 | 0.53 | 0.74 | 0.78 | 0.88 | 0.40 | 0.56 |
| Guanghe-houshancun | MN10 | 16 | 0.48 | 0.79 | 0.85 | 0.29 | 0.29 | 0.48 |
| Guanghe-sigou | MN10 | 10 | 0.11 | 0.66 | 0.69 | 0.13 | 0.35 | 0.41 |
| Hezheng-Dashengou | MN10 | 37 | 0.13 | 0.79 | 0.58 | 0.22 | 0.17 | 0.14 |
| La Cantera | MN10 | 6 | 0.61 | 0.32 | 0.83 | 0.65 | 0.41 | 0.21 |
| La Roma 2 | MN10 | 12 | 0.08 | 0.21 | 0.62 | 0.40 | 0.33 | 0.08 |
| Magway | MN10 | 9 | 0.14 | 0.68 | 0.71 | 0.52 | 0.84 | 0.46 |
| Mas?a del Barbo 2B | MN10 | 7 | 0.17 | 0.29 | 0.78 | 0.61 | 0.39 | 0.17 |
| Montredon | MN10 | 17 | 0.48 | 0.16 | 0.55 | 0.29 | 0.28 | 0.22 |
| Nikiti 1 (NKT) | MN10 | 12 | 0.37 | 0.62 | 0.68 | 0.45 | 0.33 | 0.37 |
| Poksheshty | MN10 | 14 | 0.55 | 0.85 | 0.88 | 0.34 | 0.32 | 0.53 |
| Ravin des Zouaves 1 | MN10 | 8 | 0.13 | 0.26 | 0.29 | 0.19 | 0.38 | 0.15 |
| Respopeny | MN10 | 9 | 0.81 | 0.74 | 0.74 | 0.56 | 0.38 | 0.79 |
| Samburu Hills (Namurungule) | MN10 | 16 | 0.48 | 0.50 | 0.52 | 0.27 | 0.27 | 0.73 |
| Schernham b. Haag | MN10 | 5 | 0.23 | 0.34 | 0.83 | 1.00 | 0.91 | 0.25 |
| Soblay | MN10 | 10 | 0.39 | 0.23 | 0.70 | 0.47 | 0.35 | 0.11 |
| Terrassa | MN10 | 23 | 0.08 | 0.36 | 0.40 | 0.37 | 0.91 | 0.09 |
| Tiraspol (Kolkotova Balka) | MN10 | 5 | 0.67 | 0.35 | 0.36 | 0.28 | 0.41 | 0.24 |
| Yulafli (CY) | MN10 | 12 | 0.36 | 0.65 | 0.46 | 0.51 | 0.14 | 0.07 |
| Siwaliks Y0310 | MN10 | 20 | 0.14 | 0.41 | 0.49 | 0.45 | 0.68 | 0.16 |
| Siwaliks Y0212 | MN10 | 8 | 0.15 | 0.27 | 0.30 | 0.18 | 0.38 | 0.17 |
| Siwaliks Y0207 | MN10 | 6 | 0.20 | 0.31 | 0.34 | 0.23 | 0.40 | 0.20 |
| Siwaliks Y0221 | MN10 | 11 | 0.39 | 0.66 | 0.71 | 0.78 | 0.84 | 0.41 |
| Siwaliks Y0226 | MN10 | 7 | 0.18 | 0.29 | 0.32 | 0.58 | 0.88 | 0.17 |
| Siwaliks Y0315 | MN10 | 6 | 0.62 | 0.79 | 0.82 | 0.66 | 0.41 | 0.59 |
| Siwaliks Y0359 | MN10 | 5 | 0.24 | 0.35 | 0.36 | 0.70 | 0.91 | 0.23 |
| Siwaliks Y0328 | MN10 | 8 | 0.16 | 0.27 | 0.30 | 0.19 | 0.37 | 0.15 |
| La Tarumba I | MN10 | 14 | 0.84 | 0.18 | 0.21 | 0.71 | 0.80 | 0.28 |
| Siwaliks Y0312 | MN10 | 8 | 0.15 | 0.26 | 0.29 | 0.19 | 0.37 | 0.14 |
| Siwaliks Y0224 | MN10 | 8 | 0.56 | 0.75 | 0.80 | 0.60 | 0.38 | 0.56 |
| Siwaliks Y0225 | MN10 | 8 | 0.15 | 0.29 | 0.30 | 0.55 | 0.87 | 0.15 |
| Siwaliks Y0227 | MN10 | 20 | 0.15 | 0.42 | 0.48 | 0.49 | 0.68 | 0.15 |
| Siwaliks Y0309 | MN10 | 14 | 0.07 | 0.18 | 0.21 | 0.39 | 0.78 | 0.08 |
| Siwaliks Y0161 | MN10 | 5 | 0.23 | 0.35 | 0.35 | 0.72 | 0.92 | 0.23 |
| Siwaliks Y0160 | MN10 | 6 | 0.60 | 0.32 | 0.34 | 0.24 | 0.40 | 0.60 |
| Siwaliks Y0269 | MN10 | 15 | 0.06 | 0.18 | 0.20 | 0.65 | 0.77 | 0.06 |
| Siwaliks Y0350 | MN10 | 13 | 0.07 | 0.20 | 0.22 | 0.39 | 0.81 | 0.09 |
| Siwaliks Y0270 | MN10 | 6 | 0.28 | 0.38 | 0.38 | 0.96 | 0.92 | 0.28 |

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| Xirochori 1 (XIR) | MN10 | 10 | 0.20 | 1.00 | 1.00 | 0.94 | 0.27 | 0.48 |
| Siwaliks Y0262 | MN10 | 12 | 0.08 | 0.64 | 0.68 | 0.45 | 0.83 | 0.38 |
| Siwaliks Y0216 | MN10 | 5 | 0.24 | 0.33 | 0.37 | 0.71 | 0.90 | 0.23 |
| Can Llobateres I | MN10 | 50 | 0.02 | 0.02 | 0.15 | 0.18 | 0.39 | 0.01 |
| Natlismtsemeli I | MN10 | 5 | 0.93 | 0.82 | 0.84 | 0.70 | 0.40 | 0.67 |
| Oshin-I-5 upper | MN10 | 8 | 0.60 | 0.96 | 0.98 | 0.66 | 0.41 | 0.87 |
| Siwaliks Y0236 | MN10 | 5 | 0.24 | 0.35 | 0.37 | 0.28 | 0.42 | 0.23 |
| Sinap 12 | MN10 | 21 | 0.39 | 0.74 | 0.80 | 0.19 | 0.69 | 0.38 |
| Siwaliks Y0261 | MN10 | 8 | 0.16 | 0.32 | 0.32 | 0.59 | 0.87 | 0.18 |
| Siwaliks Y0329 | MN10 | 7 | 0.57 | 0.30 | 0.30 | 0.21 | 0.38 | 0.55 |
| Siwaliks Y0330 | MN10 | 8 | 0.50 | 0.73 | 0.74 | 0.55 | 0.38 | 0.47 |
| Siwaliks Y0578 | MN10 | 9 | 0.81 | 0.72 | 0.76 | 0.58 | 0.86 | 0.81 |
| Siwaliks Y0337 | MN10 | 11 | 0.39 | 0.63 | 0.67 | 0.76 | 0.80 | 0.37 |
| Akin | MN10 | 7 | 0.55 | 0.96 | 0.97 | 0.59 | 0.39 | 0.83 |
| Salmendingen | MN10 | 5 | 0.28 | 0.37 | 0.38 | 0.30 | 0.43 | 0.26 |
| Sinap 8B | MN10 | 6 | 0.24 | 0.82 | 0.84 | 0.28 | 0.41 | 0.66 |
| Siwaliks Y0285 | MN10 | 5 | 0.65 | 0.82 | 0.82 | 0.74 | 0.42 | 0.64 |
| Nakali | MN10 | 15 | 0.91 | 0.51 | 0.57 | 0.31 | 0.29 | 0.53 |
| Ngorora | MN10 | 14 | 0.24 | 0.17 | 0.20 | 0.09 | 0.31 | 0.25 |
| Rudab?nya | MN9 | 34 | 0.05 | 0.06 | 0.07 | 0.25 | 0.57 | 0.04 |
| Siwaliks Y0251 | MN9 | 13 | 0.59 | 0.55 | 0.62 | 0.38 | 0.31 | 0.59 |
| Siwaliks Y0311 | MN9 | 41 | 0.23 | 0.19 | 0.22 | 0.36 | 0.49 | 0.09 |
| Siwaliks Y0596 | MN9 | 6 | 0.22 | 0.34 | 0.37 | 0.27 | 0.42 | 0.22 |
| Siwaliks Y0258 | MN9 | 12 | 0.72 | 0.66 | 0.68 | 0.49 | 0.36 | 0.40 |
| Damiao 02 | MN9 | 6 | 0.19 | 0.31 | 0.33 | 0.24 | 0.40 | 0.20 |
| Lantian-Shuijiazui | MN9 | 10 | 0.45 | 0.93 | 0.95 | 0.51 | 0.37 | 0.77 |
| Lantian-shuijiazui-L1(s5) | MN9 | 8 | 0.18 | 0.96 | 0.97 | 0.59 | 0.39 | 0.53 |
| Lantian-shuijiazui-L4(s6) | MN9 | 5 | 0.24 | 0.82 | 0.85 | 0.27 | 0.42 | 0.68 |
| Lantian-shuijiazui-s4 | MN9 | 5 | 0.66 | 0.98 | 0.98 | 0.72 | 0.43 | 0.93 |
| Middle Sinap | MN9 | 16 | 0.21 | 0.49 | 0.53 | 0.27 | 0.28 | 0.21 |
| Monteagudo (Vallesian) | MN9 | 6 | 0.58 | 0.97 | 0.97 | 0.65 | 0.39 | 0.87 |
| Pentalophos 1 (PNT) | MN9 | 18 | 0.40 | 0.45 | 0.50 | 0.24 | 0.25 | 0.18 |
| S?meg | MN9 | 5 | 0.65 | 0.82 | 0.85 | 0.71 | 0.42 | 0.66 |
| Sant Miquel de Taudell | MN9 | 17 | 0.47 | 0.48 | 0.84 | 0.59 | 0.29 | 0.48 |
| Siwaliks Y0450 | MN9 | 19 | 0.52 | 0.54 | 0.55 | 0.62 | 0.75 | 0.53 |
| Siwaliks L0094 | MN9 | 6 | 0.20 | 0.30 | 0.35 | 0.23 | 0.89 | 0.20 |
| Siwaliks Y0728 | MN9 | 5 | 0.27 | 0.37 | 0.39 | 0.30 | 0.93 | 0.27 |
| Siwaliks Y0572 | MN9 | 5 | 0.25 | 0.35 | 0.36 | 0.27 | 0.92 | 0.24 |
| Siwaliks Y0395 | MN9 | 8 | 0.51 | 0.27 | 0.30 | 0.19 | 0.38 | 0.50 |
| Sinap 108 | MN9 | 6 | 0.66 | 0.34 | 0.35 | 0.27 | 0.42 | 0.24 |
| Sinap 4 | MN9 | 6 | 0.19 | 0.32 | 0.34 | 0.22 | 0.40 | 0.20 |
| Sinap 72 | MN9 | 8 | 0.80 | 0.94 | 0.94 | 0.57 | 0.38 | 0.80 |
| Sinap 91 | MN9 | 7 | 0.18 | 0.75 | 0.79 | 0.19 | 0.39 | 0.54 |
| Sinap 94 | MN9 | 6 | 0.20 | 0.31 | 0.34 | 0.24 | 0.41 | 0.21 |
| Amuwusu | MN9 | 8 | 0.15 | 0.27 | 0.31 | 0.18 | 0.38 | 0.15 |
| Atavaska | MN9 | 9 | 0.13 | 0.69 | 0.73 | 0.16 | 0.35 | 0.46 |
| Atzelsdorf | MN9 | 18 | 0.16 | 0.13 | 0.15 | 0.04 | 0.27 | 0.17 |
| Ballestar | MN9 | 18 | 0.04 | 0.14 | 0.54 | 0.79 | 0.74 | 0.04 |

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| Bou Hanifia | MN9 | 14 | 0.55 | 0.55 | 0.59 | 0.33 | 0.31 | 0.54 |
| Braila | MN9 | 5 | 0.67 | 0.33 | 0.35 | 0.28 | 0.41 | 0.22 |
| Buzhor 1 | MN9 | 19 | 0.15 | 0.44 | 0.79 | 0.19 | 0.27 | 0.16 |
| Buzhor 2 | MN9 | 5 | 0.24 | 0.83 | 0.85 | 0.27 | 0.42 | 0.67 |
| Can Poncic | MN9 | 21 | 0.11 | 0.10 | 0.12 | 0.19 | 0.65 | 0.02 |
| Can Ponsic I | MN9 | 31 | 0.14 | 0.05 | 0.29 | 0.45 | 0.57 | 0.03 |
| Charmoille | MN9 | 15 | 0.55 | 0.55 | 0.61 | 0.34 | 0.29 | 0.58 |
| Creu Conill 20 | MN9 | 6 | 0.21 | 0.32 | 0.33 | 0.68 | 0.88 | 0.20 |
| Dinotheriensande | MN9 | 5 | 0.67 | 0.34 | 0.36 | 0.26 | 0.42 | 0.68 |
| Dou?-la-Fontaine | MN9 | 5 | 0.24 | 0.34 | 0.36 | 0.25 | 0.42 | 0.24 |
| EDAR8 | MN9 | 5 | 0.23 | 0.35 | 0.35 | 0.24 | 0.43 | 0.23 |
| Eppelsheim | MN9 | 29 | 0.31 | 0.05 | 0.08 | 0.24 | 0.57 | 0.05 |
| Esme Ak?ak?y | MN9 | 12 | 0.08 | 0.19 | 0.24 | 0.12 | 0.34 | 0.08 |
| Esselborn | MN9 | 11 | 0.41 | 0.24 | 0.26 | 0.46 | 0.81 | 0.41 |
| Estevar | MN9 | 9 | 0.44 | 0.24 | 0.26 | 0.51 | 0.84 | 0.45 |
| Esvres - Upper Faluns | MN9 | 6 | 0.61 | 0.32 | 0.33 | 0.23 | 0.40 | 0.59 |
| G?tzendorf | MN9 | 11 | 0.10 | 0.20 | 0.24 | 0.75 | 0.82 | 0.09 |
| Gaiselberg | MN9 | 7 | 0.54 | 0.30 | 0.31 | 0.20 | 0.40 | 0.57 |
| Gau-Weinheim | MN9 | 7 | 0.54 | 0.29 | 0.31 | 0.22 | 0.39 | 0.55 |
| Guonigou | MN9 | 10 | 0.15 | 0.94 | 0.76 | 0.18 | 0.37 | 0.51 |
| H?wenegg | MN9 | 8 | 0.80 | 0.28 | 0.29 | 0.18 | 0.36 | 0.49 |
| Hammerschmiede | MN9 | 6 | 0.19 | 0.32 | 0.33 | 0.24 | 0.40 | 0.19 |
| Hostalets de Pierola Superior | MN9 | 18 | 0.03 | 0.15 | 0.53 | 0.54 | 0.72 | 0.04 |
| Kalfa | MN9 | 24 | 0.24 | 0.33 | 0.39 | 0.02 | 0.22 | 0.26 |
| Kishinev | MN9 | 7 | 0.24 | 0.34 | 0.36 | 0.25 | 0.42 | 0.23 |
| Kulanutpes | MN9 | 5 | 0.23 | 0.98 | 0.85 | 0.71 | 0.43 | 0.65 |
| Lantian-12 | MN9 | 8 | 0.53 | 1.00 | 1.00 | 0.89 | 0.39 | 0.85 |
| Los Valles de Fuentidue?a | MN9 | 22 | 0.12 | 0.40 | 0.46 | 0.17 | 0.67 | 0.13 |
| Melchingen | MN9 | 6 | 0.20 | 0.31 | 0.33 | 0.24 | 0.39 | 0.20 |
| Milestii Mici | MN9 | 5 | 0.67 | 0.34 | 0.36 | 0.27 | 0.42 | 0.23 |
| Nombrevilla | MN9 | 11 | 0.11 | 0.23 | 0.25 | 0.13 | 0.36 | 0.10 |
| Nombrevilla-1 | MN9 | 11 | 0.12 | 0.23 | 0.71 | 0.48 | 0.35 | 0.10 |
| Oshin-II-5 upper | MN9 | 9 | 0.49 | 0.94 | 0.96 | 0.53 | 0.37 | 0.79 |
| Otovasca | MN9 | 5 | 0.66 | 0.34 | 0.34 | 0.27 | 0.41 | 0.23 |
| Petersbuch 14 | MN9 | 5 | 0.25 | 0.35 | 0.85 | 0.72 | 0.42 | 0.25 |
| Polin?a 2 | MN9 | 5 | 0.24 | 0.34 | 0.36 | 0.27 | 0.42 | 0.24 |
| Qaidam-Tuosu | MN9 | 13 | 0.27 | 0.86 | 0.90 | 0.35 | 0.32 | 0.60 |
| Santiga (Sabadell) | MN9 | 16 | 0.58 | 0.17 | 0.19 | 0.09 | 0.31 | 0.26 |
| Subsol de Sabadell | MN9 | 13 | 0.29 | 0.19 | 0.20 | 0.35 | 0.80 | 0.30 |
| Teuleria del Firal | MN9 | 15 | 0.05 | 0.17 | 0.17 | 0.62 | 0.76 | 0.05 |
| V?sendorf | MN9 | 9 | 0.59 | 0.78 | 0.82 | 0.65 | 0.41 | 0.61 |
| Varnitsa | MN9 | 9 | 0.03 | 1.00 | 1.00 | 1.00 | 0.25 | 0.16 |
| Wartenberg | MN9 | 9 | 0.61 | 0.31 | 0.33 | 0.66 | 0.40 | 0.59 |
| Westhofen | MN9 | 6 | 0.62 | 0.97 | 0.98 | 0.98 | 0.33 | 0.08 |
| Wissberg | MN9 | 18 | 1.00 | 0.17 | 0.20 | 0.08 | 0.78 | 1.00 |
| Siwaliks Y0454 | MN9 | 9 | 0.17 | 0.30 | 0.32 | 0.21 | 0.89 | 0.17 |
| Siwaliks Y0259 | MN9 | 11 | 0.12 | 0.26 | 0.29 | 0.16 | 0.86 | 0.13 |
| Sevastopol (Sebastopol) | MN9 | 14 | 0.26 | 0.55 | 0.59 | 0.33 | 0.29 | 0.26 |

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| Siwaliks Y0779 | MN9 | 5 | 0.22 | 0.34 | 0.36 | 0.26 | 0.42 | 0.22 |
| Zheltokamenka | MN9 | 6 | 0.67 | 0.81 | 0.35 | 0.73 | 0.41 | 0.68 |
| Can Missert | MN9 | 6 | 0.20 | 0.31 | 0.81 | 0.66 | 0.41 | 0.20 |
| Castell de Barber? | MN9 | 23 | 0.09 | 0.10 | 0.13 | 0.15 | 0.64 | 0.10 |
| Massenhausen | MN9 | 14 | 0.59 | 0.18 | 0.21 | 0.09 | 0.33 | 0.30 |
| Siwaliks Y0797 | MN9 | 8 | 0.19 | 0.29 | 0.31 | 0.21 | 0.89 | 0.17 |
| Siwaliks Y0076 | MN7/8 | 36 | 0.05 | 0.07 | 0.08 | 0.01 | 0.58 | 0.05 |
| Siwaliks Y0061 | MN7/8 | 5 | 0.23 | 0.34 | 0.36 | 0.28 | 0.91 | 0.23 |
| Siwaliks Y0495 | MN7/8 | 11 | 0.10 | 0.24 | 0.26 | 0.15 | 0.34 | 0.12 |
| Siwaliks Y0504 | MN7/8 | 20 | 0.21 | 0.15 | 0.18 | 0.07 | 0.75 | 0.20 |
| Siwaliks Y0735 | MN7/8 | 7 | 0.17 | 0.29 | 0.31 | 0.21 | 0.39 | 0.18 |
| Barranc de Can Vila 1 | MN7/8 | 8 | 0.50 | 0.28 | 0.76 | 0.56 | 0.38 | 0.50 |
| Anwil | MN7/8 | 20 | 0.03 | 0.11 | 0.47 | 0.20 | 0.25 | 0.03 |
| Can Almirall | MN7/8 | 5 | 0.23 | 0.35 | 0.36 | 0.27 | 0.43 | 0.23 |
| Can Feliu | MN7/8 | 6 | 0.58 | 0.32 | 0.34 | 0.23 | 0.40 | 0.60 |
| Chiang Muan | MN7/8 | 8 | 0.16 | 0.28 | 0.32 | 0.61 | 0.88 | 0.18 |
| Collet-Redon | MN7/8 | 7 | 0.20 | 0.28 | 0.79 | 0.61 | 0.39 | 0.17 |
| Dang Valley | MN7/8 | 10 | 0.45 | 0.26 | 0.28 | 0.15 | 0.85 | 0.46 |
| Escobosa de Calata?azor | MN7/8 | 10 | 0.13 | 0.25 | 0.74 | 0.54 | 0.36 | 0.14 |
| Fangxian | MN7/8 | 5 | 0.24 | 0.34 | 0.36 | 0.28 | 0.43 | 0.23 |
| Helsighausen | MN7/8 | 9 | 0.13 | 0.25 | 0.73 | 0.52 | 0.37 | 0.13 |
| Hostalets de Pierola Inferior | MN7/8 | 29 | 0.06 | 0.06 | 0.35 | 0.29 | 0.60 | 0.05 |
| Junggar-duolebulejin | MN7/8 | 9 | 0.13 | 0.26 | 0.26 | 0.15 | 0.36 | 0.14 |
| Kaiyuan-Xiaolongtan | MN7/8 | 6 | 0.20 | 0.31 | 0.33 | 0.90 | 0.90 | 0.19 |
| Klein Hadersdorf | MN7/8 | 7 | 0.17 | 0.30 | 0.32 | 0.20 | 0.38 | 0.17 |
| Kutsaj M | MN7/8 | 5 | 0.64 | 0.82 | 0.85 | 0.71 | 0.42 | 0.67 |
| La Cisterniga | MN7/8 | 5 | 0.67 | 0.33 | 0.36 | 0.27 | 0.42 | 0.65 |
| La Grive L3 | MN7/8 | 30 | 0.04 | 0.07 | 0.32 | 0.08 | 0.16 | 0.06 |
| La Grive L5 | MN7/8 | 30 | 0.06 | 0.08 | 0.33 | 0.10 | 0.19 | 0.06 |
| La Grive L7 | MN7/8 | 30 | 0.01 | 0.06 | 0.31 | 0.10 | 0.18 | 0.01 |
| La Grive M | MN7/8 | 32 | 0.01 | 0.06 | 0.31 | 0.08 | 0.19 | 0.01 |
| La Grive PB A | MN7/8 | 22 | 0.02 | 0.09 | 0.43 | 0.15 | 0.24 | 0.02 |
| La Grive PB J | MN7/8 | 12 | 0.35 | 0.22 | 0.23 | 0.13 | 0.34 | 0.36 |
| La Grive St. Alban | MN7/8 | 59 | 0.00 | 0.01 | 0.01 | 0.00 | 0.08 | 0.00 |
| Lintong-lengshuigou | MN7/8 | 9 | 0.15 | 0.27 | 0.30 | 0.17 | 0.39 | 0.16 |
| Malartic | MN7/8 | 6 | 0.20 | 0.32 | 0.34 | 0.23 | 0.40 | 0.20 |
| Mannersdorf | MN7/8 | 6 | 0.61 | 0.32 | 0.33 | 0.24 | 0.39 | 0.60 |
| Masquefa | MN7/8 | 5 | 0.23 | 0.33 | 0.36 | 0.27 | 0.42 | 0.23 |
| Minhe-lierbao | MN7/8 | 5 | 0.24 | 0.34 | 0.34 | 0.26 | 0.41 | 0.22 |
| Nombrevilla-2 | MN7/8 | 8 | 0.14 | 0.28 | 0.31 | 0.18 | 0.37 | 0.14 |
| Petersbuch 6 | MN7/8 | 8 | 0.15 | 0.28 | 0.76 | 0.56 | 0.37 | 0.14 |
| Poudenas-Cayron | MN7/8 | 9 | 0.13 | 0.26 | 0.27 | 0.16 | 0.37 | 0.11 |
| Przeworno 2 | MN7/8 | 7 | 0.17 | 0.30 | 0.31 | 0.20 | 0.39 | 0.17 |
| Saint-Gaudens (Valentine) | MN7/8 | 10 | 0.41 | 0.24 | 0.26 | 0.48 | 0.84 | 0.41 |
| Sant Quirze | MN7/8 | 26 | 0.07 | 0.08 | 0.35 | 0.31 | 0.58 | 0.07 |
| Saricay | MN7/8 | 7 | 0.17 | 0.30 | 0.31 | 0.21 | 0.38 | 0.17 |
| Sofca | MN7/8 | 19 | 0.38 | 0.43 | 0.49 | 0.21 | 0.26 | 0.13 |
| Solera | MN7/8 | 5 | 0.27 | 0.37 | 0.87 | 0.77 | 0.44 | 0.26 |

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| Steinheim | MN7/8 | 36 | 0.00 | 0.05 | 0.27 | 0.06 | 0.16 | 0.00 |
| Toril 3A | MN7/8 | 22 | 0.03 | 0.10 | 0.47 | 0.19 | 0.25 | 0.02 |
| Toril 3B | MN7/8 | 13 | 0.07 | 0.21 | 0.66 | 0.40 | 0.33 | 0.08 |
| Tunggur- ALU | MN7/8 | 12 | 0.24 | 0.34 | 0.36 | 0.27 | 0.42 | 0.23 |
| Tunggur- DA | MN7/8 | 5 | 0.08 | 0.20 | 0.22 | 0.12 | 0.33 | 0.08 |
| Tunggur- HU | MN7/8 | 12 | 0.20 | 0.31 | 0.35 | 0.23 | 0.41 | 0.21 |
| Tunggur- MC | MN7/8 | 6 | 0.20 | 0.32 | 0.35 | 0.25 | 0.40 | 0.19 |
| Tunggur- MOII | MN7/8 | 6 | 0.20 | 0.33 | 0.34 | 0.23 | 0.41 | 0.20 |
| Tunggur- TMS | MN7/8 | 6 | 0.17 | 0.29 | 0.32 | 0.20 | 0.38 | 0.17 |
| Tunggur- ZH | MN7/8 | 7 | 0.21 | 0.32 | 0.34 | 0.22 | 0.41 | 0.21 |
| Tunggur-AC | MN7/8 | 6 | 0.00 | 0.05 | 0.07 | 0.02 | 0.17 | 0.01 |
| Tunggur-Moergen | MN7/8 | 32 | 0.07 | 0.19 | 0.21 | 0.09 | 0.32 | 0.07 |
| Tunggur-WC | MN7/8 | 14 | 0.66 | 0.98 | 0.91 | 0.42 | 0.33 | 0.88 |
| Xinan | MN7/8 | 5 | 0.11 | 0.63 | 0.70 | 0.14 | 0.35 | 0.40 |
| Yeni Eskihisar 1 | MN7/8 | 7 | 0.23 | 0.35 | 0.35 | 0.26 | 0.43 | 0.24 |
| Yeni Eskihisar 2 | MN7/8 | 5 | 0.21 | 0.32 | 0.33 | 0.23 | 0.40 | 0.20 |
| Yenieskihisar | MN7/8 | 6 | 0.18 | 1.00 | 0.96 | 0.90 | 0.89 | 0.85 |
| Daud Khel | MN7/8 | 16 | 0.59 | 0.84 | 0.89 | 0.37 | 0.32 | 0.81 |
| Siwaliks Y0767 | MN7/8 | 8 | 0.14 | 0.28 | 0.30 | 0.19 | 0.38 | 0.14 |
| Siwaliks Y0772 | MN7/8 | 13 | 0.06 | 0.18 | 0.22 | 0.09 | 0.77 | 0.07 |
| Siwaliks Y0494 | MN7/8 | 14 | 0.31 | 0.18 | 0.21 | 0.10 | 0.32 | 0.29 |
| Siwaliks Y0496 | MN7/8 | 25 | 0.15 | 0.12 | 0.14 | 0.05 | 0.68 | 0.13 |
| Siwaliks Y0647 | MN7/8 | 20 | 0.04 | 0.15 | 0.18 | 0.07 | 0.75 | 0.04 |
| Siwaliks Y0695 | MN7/8 | 10 | 0.13 | 0.26 | 0.28 | 0.15 | 0.86 | 0.12 |
| Siwaliks Y0675 | MN7/8 | 5 | 0.67 | 0.33 | 0.36 | 0.26 | 0.91 | 0.65 |
| Siwaliks Y0714 | MN6 | 5 | 0.24 | 0.35 | 0.36 | 0.27 | 0.92 | 0.22 |
| Siwaliks Y0060 | MN6 | 7 | 0.55 | 0.29 | 0.32 | 0.21 | 0.39 | 0.55 |
| Siwaliks Y0698 | MN6 | 8 | 0.15 | 0.27 | 0.30 | 0.18 | 0.86 | 0.15 |
| Siwaliks Y0710 | MN6 | 5 | 0.24 | 0.33 | 0.36 | 0.26 | 0.91 | 0.24 |
| Beglia | MN6 | 6 | 0.61 | 0.31 | 0.34 | 0.25 | 0.40 | 0.20 |
| Fort Ternan 2 (Serek) | MN6 | 8 | 0.49 | 0.27 | 0.29 | 0.19 | 0.37 | 0.50 |
| Nyakach 10 (Kaimogool North) | MN6 | 8 | 0.80 | 0.71 | 0.75 | 0.57 | 0.38 | 0.81 |
| Nyakach 11 (Kaimogool South) | MN6 | 10 | 0.73 | 0.63 | 0.71 | 0.50 | 0.35 | 0.71 |
| Nyakach 19 (Pundo) | MN6 | 6 | 0.59 | 0.32 | 0.34 | 0.23 | 0.40 | 0.61 |
| Nyakach 8 (Kadianga West) | MN6 | 9 | 0.50 | 0.73 | 0.73 | 0.58 | 0.37 | 0.51 |
| Nyakach 9 (Kaimogool East) | MN6 | 5 | 0.65 | 0.35 | 0.36 | 0.27 | 0.42 | 0.68 |
| Ramangar | MN6 | 35 | 0.05 | 0.26 | 0.08 | 0.09 | 0.57 | 0.05 |
| Siwaliks Y0726 | MN6 | 5 | 0.66 | 0.84 | 0.84 | 0.70 | 0.43 | 0.66 |
| Siwaliks Y0690 | MN6 | 8 | 0.15 | 0.28 | 0.30 | 0.19 | 0.87 | 0.15 |
| Siwaliks Y0691 | MN6 | 5 | 0.23 | 0.35 | 0.36 | 0.27 | 0.43 | 0.23 |
| Siwaliks Y0711 | MN6 | 5 | 0.23 | 0.34 | 0.34 | 0.27 | 0.41 | 0.23 |
| Mae Moh | MN6 | 9 | 0.12 | 0.25 | 0.28 | 0.16 | 0.38 | 0.12 |
| Catakbagyaka | MN6 | 12 | 0.08 | 0.22 | 0.23 | 0.11 | 0.33 | 0.08 |
| Dev?nsk? Nov? Ves - Sandhill | MN6 | 38 | 0.04 | 0.05 | 0.05 | 0.05 | 0.13 | 0.02 |
| Four | MN6 | 8 | 0.15 | 0.28 | 0.77 | 0.57 | 0.38 | 0.16 |
| Samburu Hills (Aka Aiteputh) | MN6 | 14 | 0.06 | 0.20 | 0.23 | 0.10 | 0.31 | 0.08 |
| Simorre | MN6 | 16 | 0.06 | 0.17 | 0.19 | 0.07 | 0.29 | 0.05 |
| Candir (Loc. 3) | MN6 | 31 | 0.14 | 0.06 | 0.08 | 0.01 | 0.17 | 0.04 |

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|---|---|---|---|---|---|---|---|---|
| Fort Ternan | MN6 | 27 | 0.40 | 0.27 | 0.33 | 0.09 | 0.20 | 0.19 |
| Siwaliks Y0491 | MN6 | 11 | 0.72 | 0.65 | 0.70 | 0.46 | 0.35 | 0.74 |
| Al Jadidah | MN6 | 8 | 0.14 | 0.27 | 0.29 | 0.18 | 0.37 | 0.15 |
| Alhambra-T?neles | MN6 | 9 | 0.13 | 0.26 | 0.28 | 0.18 | 0.38 | 0.13 |
| Arroyo del Val | MN6 | 14 | 0.06 | 0.18 | 0.21 | 0.10 | 0.31 | 0.06 |
| Arroyo del Val VI | MN6 | 5 | 0.23 | 0.34 | 0.85 | 0.72 | 0.41 | 0.23 |
| Beni Mellal | MN6 | 5 | 0.26 | 0.37 | 0.38 | 0.32 | 0.44 | 0.28 |
| Castelnau-d'Arbieu | MN6 | 19 | 0.04 | 0.14 | 0.52 | 0.27 | 0.28 | 0.04 |
| Chatzloch | MN6 | 5 | 0.22 | 0.34 | 0.84 | 0.70 | 0.43 | 0.23 |
| Dev?nsk? Nov? Ves - Bonanza | MN6 | 5 | 0.27 | 0.38 | 0.39 | 0.32 | 0.43 | 0.28 |
| Dev?nsk? Nov? Ves - Fissures | MN6 | 21 | 0.02 | 0.11 | 0.12 | 0.03 | 0.24 | 0.02 |
| Elgg | MN6 | 5 | 0.23 | 0.35 | 0.35 | 0.25 | 0.43 | 0.23 |
| Gallenbach 2b | MN6 | 7 | 0.17 | 0.29 | 0.79 | 0.60 | 0.39 | 0.17 |
| Gisseltshausen 1a | MN6 | 5 | 0.27 | 0.36 | 0.88 | 0.76 | 0.43 | 0.28 |
| Gisseltshausen 1b | MN6 | 8 | 0.21 | 0.32 | 0.81 | 0.65 | 0.41 | 0.20 |
| Haulies | MN6 | 9 | 0.13 | 0.25 | 0.28 | 0.15 | 0.36 | 0.12 |
| Henares 1 | MN6 | 8 | 0.15 | 0.27 | 0.30 | 0.19 | 0.38 | 0.16 |
| Hezheng-laogou | MN6 | 15 | 0.04 | 0.16 | 0.19 | 0.07 | 0.30 | 0.05 |
| In?n? I (Sinap 24A) | MN6 | 20 | 0.16 | 0.12 | 0.15 | 0.04 | 0.25 | 0.03 |
| Jiulongkou | MN6 | 11 | 0.09 | 0.20 | 0.25 | 0.12 | 0.34 | 0.10 |
| Junggar-Botamoyin | MN6 | 12 | 0.07 | 0.20 | 0.23 | 0.11 | 0.32 | 0.08 |
| Junggar-chibaerwoyi | MN6 | 6 | 0.20 | 0.32 | 0.34 | 0.23 | 0.41 | 0.21 |
| Junggar-Ganqikairixi | MN6 | 5 | 0.22 | 0.34 | 0.36 | 0.26 | 0.42 | 0.24 |
| Junggar-Tieersihabahe | MN6 | 14 | 0.08 | 0.21 | 0.22 | 0.11 | 0.32 | 0.08 |
| Karashigar | MN6 | 8 | 0.59 | 0.77 | 0.82 | 0.66 | 0.40 | 0.60 |
| Kipsaramon 1 | MN6 | 19 | 0.15 | 0.13 | 0.16 | 0.05 | 0.25 | 0.03 |
| La Barranca | MN6 | 11 | 0.09 | 0.21 | 0.26 | 0.13 | 0.34 | 0.09 |
| Liet | MN6 | 9 | 0.15 | 0.27 | 0.75 | 0.56 | 0.38 | 0.15 |
| Maboko | MN6 | 38 | 0.10 | 0.04 | 0.06 | 0.00 | 0.15 | 0.02 |
| Manchones 1 | MN6 | 12 | 0.12 | 0.23 | 0.68 | 0.48 | 0.35 | 0.10 |
| Manchones 2 | MN6 | 6 | 0.21 | 0.31 | 0.35 | 0.23 | 0.39 | 0.19 |
| Mettlen 4 | MN6 | 5 | 0.25 | 0.34 | 0.84 | 0.72 | 0.42 | 0.22 |
| Moraleja de Enmedio | MN6 | 6 | 0.22 | 0.35 | 0.37 | 0.27 | 0.42 | 0.24 |
| Oeschgraben | MN6 | 5 | 0.24 | 0.34 | 0.83 | 0.73 | 0.42 | 0.23 |
| Paracuellos 2 | MN6 | 5 | 0.24 | 0.35 | 0.35 | 0.27 | 0.42 | 0.25 |
| Paracuellos 3 | MN6 | 17 | 0.04 | 0.14 | 0.15 | 0.06 | 0.25 | 0.03 |
| Paracuellos 5 | MN6 | 15 | 0.05 | 0.16 | 0.57 | 0.30 | 0.29 | 0.05 |
| Pasalar | MN6 | 40 | 0.02 | 0.03 | 0.18 | 0.03 | 0.12 | 0.01 |
| Prebreza | MN6 | 9 | 0.13 | 0.24 | 0.28 | 0.16 | 0.37 | 0.13 |
| Qaidam-Olongbuluk | MN6 | 5 | 0.23 | 0.33 | 0.37 | 0.27 | 0.40 | 0.24 |
| R?mikon | MN6 | 11 | 0.12 | 0.23 | 0.70 | 0.49 | 0.35 | 0.10 |
| Sansan | MN6 | 46 | 0.01 | 0.02 | 0.13 | 0.02 | 0.10 | 0.01 |
| Schwamendingen | MN6 | 6 | 0.20 | 0.32 | 0.81 | 0.67 | 0.40 | 0.21 |
| St?tzling | MN6 | 21 | 0.15 | 0.11 | 0.16 | 0.04 | 0.27 | 0.18 |
| Tairum Nor | MN6 | 10 | 0.11 | 0.23 | 0.27 | 0.12 | 0.36 | 0.12 |
| Thannhausen | MN6 | 16 | 0.06 | 0.18 | 0.19 | 0.09 | 0.29 | 0.05 |
| Tieersihabahe | MN6 | 7 | 0.27 | 0.37 | 0.38 | 0.30 | 0.43 | 0.28 |
| Tongxin | MN6 | 9 | 0.11 | 0.24 | 0.29 | 0.16 | 0.37 | 0.13 |

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|---|---|---|---|---|---|---|---|---|
| Tongxin-dingjiaergou | MN6 | 12 | 0.08 | 0.19 | 0.24 | 0.10 | 0.31 | 0.09 |
| Tongxin-maerzuizigou | MN6 | 6 | 0.20 | 0.33 | 0.34 | 0.24 | 0.41 | 0.19 |
| Uzwil-Nutzenbuech | MN6 | 8 | 0.66 | 0.35 | 0.85 | 0.99 | 0.41 | 0.66 |
| Wiesholz | MN6 | 5 | 0.01 | 0.05 | 0.29 | 0.20 | 0.16 | 0.00 |
| Akzhal | MN6 | 6 | 0.24 | 0.35 | 0.36 | 0.27 | 0.41 | 0.23 |
| Friedberg | MN6 | 7 | 0.18 | 0.30 | 0.32 | 0.21 | 0.39 | 0.17 |
| Ban San Klang | MN5 | 5 | 0.24 | 0.34 | 0.35 | 0.28 | 0.92 | 0.24 |
| Huai Siew | MN5 | 5 | 0.23 | 0.34 | 0.35 | 0.26 | 0.42 | 0.24 |
| Petersbuch 7 | MN5 | 7 | 0.17 | 0.29 | 0.78 | 0.63 | 0.40 | 0.17 |
| Somosaguas Norte | MN5 | 9 | 0.13 | 0.24 | 0.27 | 0.17 | 0.37 | 0.13 |
| Ardic-Mordogan | MN5 | 11 | 0.09 | 0.22 | 0.24 | 0.13 | 0.33 | 0.10 |
| Derching | MN5 | 7 | 0.54 | 0.30 | 0.32 | 0.20 | 0.39 | 0.56 |
| Griesbeckerzell | MN5 | 12 | 0.14 | 0.28 | 0.30 | 0.19 | 0.38 | 0.15 |
| Laimering 3 | MN5 | 5 | 0.24 | 0.33 | 0.35 | 0.27 | 0.42 | 0.24 |
| Viehhausen | MN5 | 5 | 0.01 | 0.08 | 0.39 | 0.13 | 0.20 | 0.01 |
| Walda 2 | MN5 | 11 | 0.15 | 0.27 | 0.29 | 0.19 | 0.37 | 0.15 |
| Grund | MN5 | 8 | 0.17 | 0.30 | 0.31 | 0.21 | 0.40 | 0.16 |
| Kaloma | MN5 | 8 | 0.49 | 0.27 | 0.29 | 0.18 | 0.37 | 0.50 |
| Kipsaramon 2 | MN5 | 12 | 0.10 | 0.22 | 0.24 | 0.11 | 0.35 | 0.10 |
| Majiwa | MN5 | 21 | 0.19 | 0.14 | 0.17 | 0.06 | 0.27 | 0.18 |
| Ombo | MN5 | 12 | 0.33 | 0.20 | 0.21 | 0.11 | 0.32 | 0.32 |
| Samburu Hills (Nachola) | MN5 | 15 | 0.06 | 0.17 | 0.18 | 0.08 | 0.29 | 0.06 |
| Sinda | MN5 | 8 | 0.14 | 0.28 | 0.31 | 0.17 | 0.38 | 0.15 |
| Tugen Hills (BPRP 89) | MN5 | 10 | 0.23 | 0.35 | 0.35 | 0.27 | 0.42 | 0.24 |
| Tugen Hills 1 | MN5 | 5 | 0.66 | 0.82 | 0.84 | 0.71 | 0.42 | 0.67 |
| Al-Sarrar | MN5 | 12 | 0.32 | 0.20 | 0.22 | 0.41 | 0.33 | 0.32 |
| Armantes 3 | MN5 | 6 | 0.21 | 0.33 | 0.81 | 0.66 | 0.41 | 0.20 |
| Arrisdrift | MN5 | 21 | 0.58 | 0.11 | 0.12 | 0.04 | 0.24 | 0.15 |
| Arroyo del Olivar | MN5 | 5 | 0.25 | 0.33 | 0.37 | 0.26 | 0.42 | 0.22 |
| Auverse MN5 | MN5 | 25 | 0.02 | 0.10 | 0.11 | 0.02 | 0.23 | 0.01 |
| Baigneaux-en-Beauce | MN5 | 33 | 0.04 | 0.06 | 0.09 | 0.02 | 0.17 | 0.05 |
| Belometchetskaja | MN5 | 27 | 0.06 | 0.28 | 0.34 | 0.12 | 0.19 | 0.01 |
| Birosse | MN5 | 11 | 0.09 | 0.22 | 0.23 | 0.14 | 0.34 | 0.10 |
| Breil MN5 | MN5 | 19 | 0.03 | 0.14 | 0.16 | 0.05 | 0.26 | 0.03 |
| Buchberg-Erlistrasse 88 | MN5 | 5 | 0.24 | 0.34 | 0.85 | 0.71 | 0.43 | 0.24 |
| Channay-sur-Lathan MN5 | MN5 | 34 | 0.00 | 0.04 | 0.07 | 0.01 | 0.16 | 0.01 |
| Chavaignes MN5 | MN5 | 17 | 0.04 | 0.14 | 0.17 | 0.07 | 0.28 | 0.04 |
| Chios | MN5 | 10 | 0.41 | 0.23 | 0.27 | 0.15 | 0.35 | 0.40 |
| Cl?r?-les-Pins MN5 | MN5 | 22 | 0.02 | 0.11 | 0.14 | 0.04 | 0.24 | 0.03 |
| Contres MN 5 | MN5 | 25 | 0.02 | 0.10 | 0.42 | 0.15 | 0.23 | 0.01 |
| Crastes | MN5 | 5 | 0.25 | 0.33 | 0.83 | 0.70 | 0.41 | 0.24 |
| D?nez?-sous-le-Lude MN5 | MN5 | 16 | 0.06 | 0.17 | 0.19 | 0.08 | 0.29 | 0.07 |
| Dzhilanchik (Uly-Dzhilanchik) | MN5 | 11 | 0.09 | 0.24 | 0.26 | 0.13 | 0.35 | 0.11 |
| Edelbeuren-Maurerkopf | MN5 | 9 | 0.12 | 0.25 | 0.72 | 0.53 | 0.35 | 0.13 |
| Edelbeuren-Schlachtberg | MN5 | 5 | 0.24 | 0.34 | 0.36 | 0.26 | 0.42 | 0.23 |
| Eibiswald | MN5 | 7 | 0.17 | 0.29 | 0.32 | 0.20 | 0.39 | 0.16 |
| Enghausen | MN5 | 5 | 0.23 | 0.34 | 0.35 | 0.28 | 0.42 | 0.24 |
| Estaci?n Imperial (Madrid) | MN5 | 10 | 0.10 | 0.24 | 0.25 | 0.14 | 0.35 | 0.11 |

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| Esvres - Marine Faluns | MN5 | 52 | 0.00 | 0.02 | 0.14 | 0.01 | 0.11 | 0.00 |
| Faluns of Touraine & Anjou | MN5 | 9 | 0.16 | 0.29 | 0.28 | 0.17 | 0.38 | 0.15 |
| G?riach | MN5 | 26 | 0.02 | 0.09 | 0.11 | 0.15 | 0.23 | 0.02 |
| Genneteil MN5 | MN5 | 8 | 0.15 | 0.27 | 0.29 | 0.18 | 0.38 | 0.13 |
| Georgensgm?nd | MN5 | 9 | 0.12 | 0.25 | 0.27 | 0.15 | 0.38 | 0.13 |
| Guanghe-wangshijie | MN5 | 6 | 0.20 | 0.33 | 0.34 | 0.23 | 0.41 | 0.19 |
| H?der | MN5 | 9 | 0.16 | 0.27 | 0.30 | 0.18 | 0.37 | 0.15 |
| H?llistein | MN5 | 7 | 0.18 | 0.74 | 0.96 | 0.90 | 0.40 | 0.17 |
| Hambach 6C | MN5 | 19 | 0.03 | 0.13 | 0.15 | 0.05 | 0.26 | 0.04 |
| Heggbach | MN5 | 11 | 0.10 | 0.23 | 0.68 | 0.43 | 0.35 | 0.10 |
| Hommes MN5 | MN5 | 26 | 0.01 | 0.06 | 0.10 | 0.03 | 0.21 | 0.01 |
| Kalkaman lake | MN5 | 17 | 0.05 | 0.17 | 0.17 | 0.32 | 0.29 | 0.05 |
| Kalodirr | MN5 | 22 | 0.02 | 0.11 | 0.13 | 0.04 | 0.24 | 0.02 |
| La Condoue | MN5 | 8 | 0.16 | 0.29 | 0.32 | 0.20 | 0.39 | 0.18 |
| La Hidroelectrica Madrid | MN5 | 15 | 0.05 | 0.17 | 0.20 | 0.08 | 0.29 | 0.05 |
| La Retama | MN5 | 13 | 0.09 | 0.21 | 0.22 | 0.10 | 0.33 | 0.08 |
| Lasse MN5 | MN5 | 33 | 0.01 | 0.04 | 0.30 | 0.07 | 0.16 | 0.01 |
| Li Mae Long | MN5 | 9 | 0.13 | 0.25 | 0.27 | 0.16 | 0.84 | 0.12 |
| Los Nogales | MN5 | 12 | 0.10 | 0.22 | 0.22 | 0.13 | 0.34 | 0.08 |
| Lubl? MN5 | MN5 | 7 | 0.18 | 0.30 | 0.31 | 0.19 | 0.39 | 0.18 |
| M?nzenberg (Leoben) | MN5 | 7 | 0.16 | 0.30 | 0.32 | 0.21 | 0.39 | 0.17 |
| M?on MN5 | MN5 | 12 | 0.08 | 0.20 | 0.22 | 0.10 | 0.33 | 0.08 |
| Manchar 1 | MN5 | 22 | 0.13 | 0.11 | 0.13 | 0.04 | 0.68 | 0.14 |
| Manchar 2 | MN5 | 14 | 0.26 | 0.16 | 0.19 | 0.08 | 0.77 | 0.27 |
| Meign?-le-Vicomte MN5 | MN5 | 25 | 0.01 | 0.09 | 0.11 | 0.02 | 0.22 | 0.01 |
| Montejo de la Vega | MN5 | 8 | 0.16 | 0.27 | 0.29 | 0.19 | 0.38 | 0.15 |
| Moratines | MN5 | 9 | 0.13 | 0.26 | 0.27 | 0.16 | 0.36 | 0.13 |
| Morourot | MN5 | 8 | 0.54 | 0.30 | 0.32 | 0.20 | 0.39 | 0.56 |
| Noyant-sous-le-Lude MN5 | MN5 | 41 | 0.00 | 0.03 | 0.05 | 0.01 | 0.14 | 0.00 |
| O'Donnell | MN5 | 6 | 0.20 | 0.33 | 0.33 | 0.25 | 0.40 | 0.20 |
| Oggenhausen 1 | MN5 | 6 | 0.20 | 0.31 | 0.33 | 0.23 | 0.41 | 0.20 |
| PAR-Penuelas (Madrid) | MN5 | 5 | 0.24 | 0.36 | 0.36 | 0.27 | 0.42 | 0.24 |
| Paseo de la Esparanza (Madrid) | MN5 | 8 | 0.14 | 0.26 | 0.30 | 0.18 | 0.37 | 0.15 |
| Paseo de las Acacias (Madrid) | MN5 | 11 | 0.10 | 0.23 | 0.26 | 0.13 | 0.35 | 0.08 |
| Pont-Boutard MN5 | MN5 | 28 | 0.01 | 0.07 | 0.08 | 0.02 | 0.20 | 0.01 |
| Pontign? MN5 | MN5 | 40 | 0.00 | 0.04 | 0.23 | 0.04 | 0.14 | 0.00 |
| Pontlevoy | MN5 | 30 | 0.01 | 0.05 | 0.28 | 0.07 | 0.17 | 0.00 |
| Poudenas-Peyrecrechen | MN5 | 11 | 0.09 | 0.22 | 0.25 | 0.12 | 0.34 | 0.09 |
| Puente de Toledo | MN5 | 8 | 0.18 | 0.30 | 0.31 | 0.21 | 0.40 | 0.17 |
| Puente de Vallecas | MN5 | 19 | 0.03 | 0.11 | 0.47 | 0.22 | 0.26 | 0.03 |
| Rill? MN5 | MN5 | 15 | 0.06 | 0.16 | 0.19 | 0.08 | 0.30 | 0.05 |
| Rimbez - Lapeyrie base | MN5 | 14 | 0.06 | 0.16 | 0.58 | 0.37 | 0.29 | 0.06 |
| Rothenstein 1 | MN5 | 14 | 0.06 | 0.17 | 0.59 | 0.32 | 0.31 | 0.06 |
| Saint Laurent-de-Lin MN5 | MN5 | 11 | 0.09 | 0.20 | 0.24 | 0.12 | 0.35 | 0.08 |
| San Isidro | MN5 | 5 | 0.24 | 0.34 | 0.37 | 0.26 | 0.41 | 0.24 |
| Sandelzhausen | MN5 | 27 | 0.01 | 0.07 | 0.35 | 0.10 | 0.21 | 0.01 |
| Savign?-sur-Lathan MN5 | MN5 | 39 | 0.00 | 0.03 | 0.05 | 0.01 | 0.15 | 0.00 |
| Seegraben (Leoben) | MN5 | 6 | 0.21 | 0.31 | 0.33 | 0.23 | 0.41 | 0.21 |

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| Shanwang | MN5 | 19 | 0.04 | 0.16 | 0.18 | 0.06 | 0.29 | 0.05 |
| Tarazona | MN5 | 14 | 0.08 | 0.19 | 0.20 | 0.10 | 0.32 | 0.08 |
| Thymiana B | MN5 | 9 | 0.46 | 0.24 | 0.27 | 0.17 | 0.37 | 0.46 |
| Vermes 1 | MN5 | 5 | 0.54 | 0.97 | 0.98 | 1.00 | 0.30 | 0.05 |
| Ziemetshausen 1b | MN5 | 10 | 0.67 | 0.35 | 0.36 | 0.27 | 0.42 | 0.65 |
| Zinda Pir 3 | MN5 | 10 | 0.13 | 0.69 | 0.73 | 0.54 | 0.85 | 0.47 |
| Engelswies | MN5 | 13 | 0.07 | 0.17 | 0.21 | 0.12 | 0.32 | 0.08 |
| Aktau Mountain | MN4 | 13 | 0.40 | 0.67 | 0.69 | 0.49 | 0.34 | 0.41 |
| Gerlenhofen | MN4 | 6 | 0.20 | 0.31 | 0.33 | 0.25 | 0.40 | 0.21 |
| Grimmelfingen | MN4 | 6 | 0.21 | 0.31 | 0.34 | 0.24 | 0.41 | 0.20 |
| Monteagudo | MN4 | 7 | 0.17 | 0.29 | 0.31 | 0.21 | 0.39 | 0.18 |
| Vieux Collonges | MN4 | 32 | 0.30 | 1.00 | 1.00 | 1.00 | 0.22 | 0.26 |
| Beger-1 | MN4 | 5 | 0.74 | 0.84 | 0.87 | 0.76 | 0.43 | 0.72 |
| Antonios | MN4 | 14 | 0.08 | 0.20 | 0.62 | 0.40 | 0.34 | 0.08 |
| Nachola | MN4 | 6 | 0.24 | 0.34 | 0.36 | 0.25 | 0.41 | 0.23 |
| Ulan-Tologoj | MN4 | 7 | 0.18 | 0.29 | 0.30 | 0.22 | 0.39 | 0.17 |
| Muruorot | MN4 | 20 | 0.03 | 0.12 | 0.17 | 0.06 | 0.27 | 0.04 |
| Ad Dabtiyah | MN3 | 10 | 0.13 | 0.26 | 0.27 | 0.16 | 0.37 | 0.12 |
| Aerotrain | MN3 | 12 | 0.37 | 0.22 | 0.67 | 0.76 | 0.34 | 0.09 |
| Akcahisar 1 | MN3 | 5 | 0.23 | 0.34 | 0.35 | 0.27 | 0.42 | 0.24 |
| Armantes 1 | MN3 | 10 | 0.11 | 0.23 | 0.26 | 0.14 | 0.35 | 0.11 |
| Artenay | MN3 | 39 | 0.00 | 0.03 | 0.22 | 0.04 | 0.13 | 0.00 |
| Artesilla | MN3 | 20 | 0.15 | 0.13 | 0.48 | 0.20 | 0.26 | 0.15 |
| B?zian | MN3 | 30 | 0.01 | 0.06 | 0.33 | 0.10 | 0.21 | 0.00 |
| Baggersee Freudenegg 2 | MN3 | 6 | 0.20 | 0.32 | 0.34 | 0.23 | 0.41 | 0.21 |
| Baggersee Freudenegg 3 | MN3 | 6 | 0.21 | 0.34 | 0.34 | 0.24 | 0.41 | 0.20 |
| Bu?ol | MN3 | 22 | 0.02 | 0.09 | 0.10 | 0.03 | 0.22 | 0.02 |
| Bukwa | MN3 | 19 | 0.18 | 0.13 | 0.15 | 0.05 | 0.27 | 0.19 |
| Buluk | MN3 | 20 | 0.03 | 0.11 | 0.15 | 0.05 | 0.26 | 0.03 |
| Buluk (West Stephanie) | MN3 | 12 | 0.35 | 0.20 | 0.22 | 0.12 | 0.34 | 0.32 |
| C?rcoles | MN3 | 11 | 0.12 | 0.25 | 0.27 | 0.16 | 0.36 | 0.14 |
| Can Canals | MN3 | 19 | 0.17 | 0.13 | 0.50 | 0.53 | 0.26 | 0.03 |
| Can Julia | MN3 | 10 | 0.40 | 0.24 | 0.26 | 0.48 | 0.36 | 0.11 |
| Ch?ne de Nav?re | MN3 | 8 | 0.17 | 0.28 | 0.79 | 0.61 | 0.39 | 0.18 |
| Chevilly | MN3 | 10 | 0.11 | 0.24 | 0.71 | 0.47 | 0.35 | 0.10 |
| Dera Bugti 6 | MN3 | 21 | 0.03 | 0.13 | 0.16 | 0.06 | 0.27 | 0.03 |
| Dolnice | MN3 | 5 | 0.28 | 0.36 | 0.88 | 0.78 | 0.44 | 0.26 |
| Eggingen-Mittelhart 3 | MN3 | 25 | 0.02 | 0.10 | 0.12 | 0.03 | 0.24 | 0.02 |
| El Canyet | MN3 | 14 | 0.10 | 0.21 | 0.63 | 0.41 | 0.32 | 0.09 |
| Els Casots | MN3 | 13 | 0.30 | 0.19 | 0.23 | 0.09 | 0.30 | 0.30 |
| Erkertshofen 2 | MN3 | 18 | 0.06 | 0.18 | 0.58 | 0.32 | 0.31 | 0.06 |
| Karungu | MN3 | 6 | 0.32 | 0.40 | 0.41 | 0.35 | 0.45 | 0.33 |
| Karungu (Nira & Kachuka) | MN3 | 28 | 0.06 | 0.07 | 0.08 | 0.01 | 0.20 | 0.01 |
| La Romieu | MN3 | 28 | 0.01 | 0.06 | 0.36 | 0.11 | 0.20 | 0.01 |
| La Romieu superior | MN3 | 10 | 0.12 | 0.26 | 0.73 | 0.53 | 0.36 | 0.13 |
| Langenau 1 | MN3 | 24 | 0.02 | 0.08 | 0.40 | 0.14 | 0.23 | 0.02 |
| Langenau 2 | MN3 | 7 | 0.17 | 0.28 | 0.30 | 0.21 | 0.38 | 0.17 |
| Les Cases de la Valenciana | MN3 | 8 | 0.14 | 0.25 | 0.31 | 0.18 | 0.37 | 0.15 |

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| Locherangan | MN3 | 11 | 0.11 | 0.22 | 0.25 | 0.14 | 0.35 | 0.11 |
| Mfwangano 1 | MN3 | 8 | 0.15 | 0.27 | 0.31 | 0.18 | 0.38 | 0.15 |
| Mfwangano 2 | MN3 | 13 | 0.62 | 0.19 | 0.22 | 0.11 | 0.32 | 0.33 |
| Mfwangano 3 | MN3 | 17 | 0.50 | 0.17 | 0.19 | 0.08 | 0.29 | 0.22 |
| Mfwangano 5 | MN3 | 11 | 0.45 | 0.26 | 0.28 | 0.16 | 0.38 | 0.14 |
| Mokra | MN3 | 6 | 0.20 | 0.32 | 0.33 | 0.24 | 0.40 | 0.18 |
| Moli Calopa | MN3 | 15 | 0.24 | 0.18 | 0.60 | 0.65 | 0.31 | 0.06 |
| Montreal-du-Gers | MN3 | 17 | 0.05 | 0.15 | 0.55 | 0.26 | 0.29 | 0.04 |
| Mun?brega 1 | MN3 | 7 | 0.17 | 0.28 | 0.31 | 0.21 | 0.40 | 0.17 |
| Mun?brega 3 | MN3 | 6 | 0.21 | 0.31 | 0.34 | 0.24 | 0.40 | 0.22 |
| Oberdorf 4 (O4) | MN3 | 7 | 0.24 | 0.34 | 0.85 | 0.73 | 0.41 | 0.23 |
| Pellecahus | MN3 | 27 | 0.01 | 0.08 | 0.37 | 0.12 | 0.21 | 0.01 |
| Petersbuch 2 | MN3 | 15 | 0.11 | 0.23 | 0.69 | 0.49 | 0.35 | 0.12 |
| Petersbuch 8 | MN3 | 8 | 0.14 | 0.28 | 0.76 | 0.57 | 0.38 | 0.15 |
| Quinta da Farinheira | MN3 | 6 | 0.20 | 0.32 | 0.81 | 0.64 | 0.41 | 0.20 |
| Rusinga (-) | MN3 | 29 | 0.07 | 0.08 | 0.09 | 0.02 | 0.21 | 0.08 |
| Rusinga (Gumba) | MN3 | 23 | 0.29 | 0.09 | 0.12 | 0.03 | 0.24 | 0.10 |
| Rusinga (Hiwegi west) | MN3 | 16 | 0.28 | 0.17 | 0.20 | 0.08 | 0.31 | 0.26 |
| Rusinga (Hiwegi) | MN3 | 37 | 0.14 | 0.05 | 0.07 | 0.01 | 0.16 | 0.03 |
| Rusinga (Kalim) | MN3 | 7 | 0.55 | 0.30 | 0.31 | 0.20 | 0.39 | 0.55 |
| Rusinga (Kathwanga) | MN3 | 36 | 0.13 | 0.05 | 0.06 | 0.01 | 0.16 | 0.04 |
| Rusinga (kiahera hill) | MN3 | 18 | 0.21 | 0.15 | 0.19 | 0.07 | 0.27 | 0.22 |
| Rusinga (Kiyune) | MN3 | 13 | 0.36 | 0.21 | 0.27 | 0.13 | 0.34 | 0.36 |
| Rusinga (kulu) | MN3 | 26 | 0.02 | 0.09 | 0.11 | 0.03 | 0.23 | 0.02 |
| Rusinga (Nyamsingula) | MN3 | 22 | 0.33 | 0.11 | 0.13 | 0.04 | 0.25 | 0.15 |
| Rusinga (R 113) | MN3 | 10 | 0.10 | 0.26 | 0.27 | 0.15 | 0.35 | 0.10 |
| Rusinga (R 114) | MN3 | 9 | 0.16 | 0.28 | 0.30 | 0.17 | 0.38 | 0.14 |
| Rusinga (R105) | MN3 | 14 | 0.08 | 0.19 | 0.22 | 0.12 | 0.32 | 0.07 |
| Rusinga (R106) | MN3 | 28 | 0.25 | 0.08 | 0.10 | 0.02 | 0.21 | 0.09 |
| Rusinga (R107) | MN3 | 13 | 0.10 | 0.20 | 0.22 | 0.11 | 0.33 | 0.09 |
| Rusinga (R3) | MN3 | 34 | 0.14 | 0.06 | 0.07 | 0.01 | 0.17 | 0.04 |
| Rusinga (R7) | MN3 | 5 | 0.65 | 0.35 | 0.36 | 0.28 | 0.41 | 0.66 |
| Rusinga (Sienga) | MN3 | 6 | 0.60 | 0.31 | 0.33 | 0.23 | 0.41 | 0.63 |
| Rusinga (Wakondu) | MN3 | 9 | 0.46 | 0.25 | 0.27 | 0.15 | 0.37 | 0.46 |
| Rusinga (Wayondo) | MN3 | 21 | 0.02 | 0.13 | 0.14 | 0.05 | 0.26 | 0.03 |
| Ryskop | MN3 | 7 | 0.20 | 0.32 | 0.34 | 0.23 | 0.41 | 0.20 |
| S?rido | MN3 | 5 | 0.24 | 0.34 | 0.84 | 0.73 | 0.41 | 0.23 |
| Sant Mamet | MN3 | 16 | 0.05 | 0.15 | 0.55 | 0.29 | 0.29 | 0.05 |
| Sihong-shuanggou | MN3 | 6 | 0.20 | 0.32 | 0.35 | 0.24 | 0.41 | 0.19 |
| Sihong-songlinzhuang | MN3 | 17 | 0.04 | 0.14 | 0.16 | 0.06 | 0.27 | 0.04 |
| Tavers | MN3 | 6 | 0.21 | 0.32 | 0.34 | 0.23 | 0.41 | 0.20 |
| Uyoma 12 (Rangoye) | MN3 | 6 | 0.33 | 0.21 | 0.22 | 0.11 | 0.33 | 0.32 |
| Uyoma 2 (Chianda N) | MN3 | 13 | 0.17 | 0.30 | 0.79 | 0.62 | 0.38 | 0.17 |
| Valtorres | MN3 | 5 | 0.61 | 0.79 | 0.32 | 1.00 | 0.89 | 0.19 |
| Auverse MN3/5 | MN3 | 5 | 0.25 | 0.35 | 0.36 | 0.27 | 0.41 | 0.23 |
| Channay-sur-Lathan MN3/5 | MN3 | 5 | 0.24 | 0.35 | 0.35 | 0.27 | 0.41 | 0.24 |
| Chavaignes MN3/5 | MN3 | 5 | 0.24 | 0.34 | 0.36 | 0.27 | 0.42 | 0.23 |
| Pontign? MN3/5 | MN3 | 5 | 0.24 | 0.35 | 0.36 | 0.26 | 0.43 | 0.23 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Gebel Zelten | MN3 | 29 | 0.06 | 0.28 | 0.34 | 0.10 | 0.20 | 0.06 |
| Khirgis-Nur I-Oshin | MN3 | 5 | 0.23 | 0.34 | 0.35 | 0.26 | 0.42 | 0.24 |
| Albertine 12 | MN3 | 5 | 0.23 | 0.35 | 0.35 | 0.26 | 0.42 | 0.23 |
| Bestyube | MN3 | 7 | 0.17 | 0.77 | 0.78 | 0.61 | 0.40 | 0.18 |
| Loperot | MN3 | 6 | 0.60 | 0.30 | 0.34 | 0.23 | 0.41 | 0.62 |
| Moroto II | MN3 | 15 | 0.23 | 0.16 | 0.19 | 0.06 | 0.29 | 0.25 |
| Napak | MN3 | 28 | 0.01 | 0.07 | 0.09 | 0.02 | 0.20 | 0.01 |
| Napak I | MN3 | 16 | 0.25 | 0.15 | 0.18 | 0.08 | 0.30 | 0.25 |
| Napak IV | MN3 | 12 | 0.11 | 0.22 | 0.23 | 0.14 | 0.35 | 0.08 |
| Napak IX | MN3 | 6 | 0.24 | 0.35 | 0.36 | 0.26 | 0.42 | 0.25 |
| Napak V | MN3 | 11 | 0.15 | 0.28 | 0.29 | 0.18 | 0.38 | 0.15 |
| Olkhon (Tagai) | MN3 | 10 | 0.11 | 0.65 | 0.69 | 0.47 | 0.34 | 0.10 |
| Pasuda | MN3 | 8 | 0.49 | 0.28 | 0.29 | 0.18 | 0.87 | 0.49 |
| Wadi Moghara | MN3 | 24 | 0.95 | 0.20 | 0.21 | 0.35 | 0.32 | 0.84 |
| Aktau middle | MN3 | 6 | 0.20 | 0.32 | 0.33 | 0.24 | 0.40 | 0.18 |
| Negev | MN3 | 11 | 0.40 | 0.66 | 0.70 | 0.45 | 0.35 | 0.42 |
| Nyanza 2 (Chamtwara 34) | MN3 | 20 | 0.20 | 0.14 | 0.18 | 0.06 | 0.29 | 0.04 |
| Agreda | MN3 | 5 | 0.23 | 0.34 | 0.37 | 0.28 | 0.42 | 0.23 |
| Auchas | MN3 | 5 | 0.67 | 0.35 | 0.36 | 0.24 | 0.42 | 0.64 |
| Auverse MN3 | MN3 | 20 | 0.03 | 0.12 | 0.49 | 0.24 | 0.26 | 0.04 |
| Beaulieu | MN3 | 7 | 0.17 | 0.30 | 0.77 | 0.60 | 0.39 | 0.16 |
| Channay-sur-Lathan MN3 | MN3 | 8 | 0.15 | 0.27 | 0.29 | 0.19 | 0.38 | 0.14 |
| Chavaignes MN3 | MN3 | 8 | 0.15 | 0.28 | 0.30 | 0.18 | 0.36 | 0.14 |
| Chilleurs-aux-Bois | MN3 | 13 | 0.07 | 0.19 | 0.22 | 0.10 | 0.32 | 0.07 |
| Chitenay | MN3 | 17 | 0.04 | 0.15 | 0.16 | 0.05 | 0.28 | 0.04 |
| Costa Blanca -2 | MN3 | 8 | 0.20 | 0.32 | 0.34 | 0.23 | 0.40 | 0.22 |
| D?nez?-sous-le-Lude MN3 | MN3 | 12 | 0.08 | 0.21 | 0.64 | 0.42 | 0.33 | 0.08 |
| Dera Bugti 4 | MN3 | 21 | 0.03 | 0.12 | 0.14 | 0.05 | 0.26 | 0.04 |
| Dera Bugti 5 | MN3 | 6 | 0.19 | 0.32 | 0.34 | 0.22 | 0.40 | 0.20 |
| Estrepouy | MN3 | 11 | 0.09 | 0.20 | 0.67 | 0.45 | 0.34 | 0.10 |
| Frankfurt-Nordbassin | MN3 | 8 | 0.16 | 0.26 | 0.75 | 0.55 | 0.37 | 0.14 |
| Genneteil MN3 | MN3 | 8 | 0.17 | 0.29 | 0.32 | 0.22 | 0.39 | 0.18 |
| Hommes MN3 | MN3 | 16 | 0.07 | 0.17 | 0.21 | 0.10 | 0.30 | 0.07 |
| La Brosse | MN3 | 17 | 0.04 | 0.14 | 0.54 | 0.27 | 0.28 | 0.04 |
| Lasse MN3 | MN3 | 17 | 0.04 | 0.16 | 0.53 | 0.28 | 0.29 | 0.05 |
| Les Beilleaux | MN3 | 21 | 0.02 | 0.10 | 0.47 | 0.18 | 0.25 | 0.02 |
| M?on MN3 | MN3 | 8 | 0.14 | 0.28 | 0.75 | 0.57 | 0.38 | 0.15 |
| Mangyshlak | MN3 | 8 | 0.33 | 0.39 | 0.41 | 0.35 | 0.44 | 0.33 |
| Marsolan | MN3 | 7 | 0.18 | 0.30 | 0.77 | 0.63 | 0.39 | 0.17 |
| Mauvi?res | MN3 | 15 | 0.06 | 0.16 | 0.57 | 0.30 | 0.29 | 0.06 |
| Meign?-le-Vicomte MN3 | MN3 | 10 | 0.11 | 0.22 | 0.27 | 0.13 | 0.34 | 0.11 |
| Merkur-North | MN3 | 26 | 0.02 | 0.08 | 0.10 | 0.14 | 0.20 | 0.01 |
| Moratilla 1 | MN3 | 7 | 0.18 | 0.30 | 0.78 | 0.61 | 0.39 | 0.17 |
| Nav?re | MN3 | 6 | 0.24 | 0.35 | 0.84 | 0.72 | 0.41 | 0.24 |
| Neuville-aux-Bois | MN3 | 10 | 0.11 | 0.24 | 0.26 | 0.15 | 0.35 | 0.11 |
| Noyant-sous-le-Lude MN3 | MN3 | 29 | 0.01 | 0.07 | 0.34 | 0.12 | 0.18 | 0.01 |
| Nyanza 11 (legetet 10) | MN3 | 10 | 0.15 | 0.28 | 0.29 | 0.19 | 0.40 | 0.14 |
| Nyanza 12 (Legetet 11) | MN3 | 6 | 0.65 | 0.35 | 0.35 | 0.28 | 0.42 | 0.23 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Nyanza 14 (Legete 14) | MN3 | 10 | 0.15 | 0.27 | 0.28 | 0.18 | 0.39 | 0.15 |
| Nyanza 15 (Legetet 21) | MN3 | 5 | 0.27 | 0.37 | 0.38 | 0.30 | 0.43 | 0.27 |
| Nyanza 20 (Legetet 29) | MN3 | 8 | 0.19 | 0.31 | 0.34 | 0.23 | 0.40 | 0.19 |
| Nyanza 25 (Mteitei 32) | MN3 | 9 | 0.48 | 0.27 | 0.29 | 0.19 | 0.39 | 0.14 |
| Nyanza 26 (Mteitei 33) | MN3 | 7 | 0.21 | 0.32 | 0.34 | 0.23 | 0.41 | 0.21 |
| Nyanza 7 (Koru 16) | MN3 | 5 | 0.27 | 0.38 | 0.39 | 0.31 | 0.44 | 0.27 |
| Nyanza 8 (Koru 20) | MN3 | 5 | 0.28 | 0.37 | 0.39 | 0.30 | 0.44 | 0.28 |
| Nyanza 9 (Koru 25) | MN3 | 9 | 0.15 | 0.28 | 0.29 | 0.17 | 0.38 | 0.15 |
| Pessac - Cap-de-Bos inf. | MN3 | 11 | 0.14 | 0.24 | 0.28 | 0.17 | 0.36 | 0.13 |
| Pont-Boutard MN3 | MN3 | 23 | 0.03 | 0.12 | 0.16 | 0.04 | 0.24 | 0.03 |
| Pontign? MN3 | MN3 | 30 | 0.01 | 0.08 | 0.35 | 0.11 | 0.19 | 0.01 |
| Richevoltes | MN3 | 5 | 0.24 | 0.34 | 0.84 | 0.72 | 0.42 | 0.22 |
| Rill? MN3 | MN3 | 9 | 0.13 | 0.26 | 0.28 | 0.15 | 0.36 | 0.13 |
| Sant Andreu de la Barca | MN3 | 9 | 0.12 | 0.26 | 0.28 | 0.16 | 0.37 | 0.14 |
| Savign?-sur-Lathan MN3 | MN3 | 25 | 0.04 | 0.11 | 0.48 | 0.22 | 0.26 | 0.03 |
| Tagai | MN3 | 6 | 0.22 | 0.32 | 0.34 | 0.24 | 0.40 | 0.20 |
| Tucho?ice | MN3 | 27 | 0.50 | 0.95 | 0.95 | 0.58 | 0.37 | 0.81 |
| Wintershof-West | MN3 | 35 | 0.19 | 0.13 | 0.17 | 0.80 | 0.73 | 0.20 |
| Danghe-xishuigou | MN3 | 5 | 0.23 | 0.34 | 0.37 | 0.26 | 0.42 | 0.24 |
| Pegu beds | MN3 | 13 | 0.09 | 0.20 | 0.22 | 0.11 | 0.33 | 0.09 |
| Esvres - Continental Sands | MN1/2 | 27 | 0.01 | 0.08 | 0.10 | 0.02 | 0.20 | 0.01 |
| Songhor (Main) | MN1/2 | 33 | 0.04 | 0.07 | 0.09 | 0.02 | 0.18 | 0.01 |
| Zinda Pir 2 | MN1/2 | 5 | 0.41 | 0.24 | 0.26 | 0.15 | 0.35 | 0.40 |
| Cetina de Aragon | MN1/2 | 16 | 0.05 | 0.16 | 0.18 | 0.07 | 0.29 | 0.05 |
| La Encinilla | MN1/2 | 6 | 0.22 | 0.33 | 0.34 | 0.23 | 0.41 | 0.21 |
| Lanzhou-zhangjiaping | MN1/2 | 5 | 0.27 | 0.38 | 0.39 | 0.30 | 0.44 | 0.27 |
| Laugnac | MN1/2 | 28 | 0.01 | 0.08 | 0.34 | 0.10 | 0.19 | 0.01 |
| Loranca | MN1/2 | 19 | 0.03 | 0.12 | 0.15 | 0.05 | 0.28 | 0.03 |
| Marcoin | MN1/2 | 6 | 0.23 | 0.34 | 0.35 | 0.27 | 0.42 | 0.24 |
| Montaigu-le-Blin | MN1/2 | 37 | 0.00 | 0.06 | 0.08 | 0.01 | 0.17 | 0.01 |
| Rothenstein 10/14 a | MN1/2 | 9 | 0.14 | 0.25 | 0.29 | 0.16 | 0.37 | 0.14 |
| Rothenstein 10/14 b | MN1/2 | 9 | 0.13 | 0.25 | 0.27 | 0.16 | 0.36 | 0.12 |
| Rothenstein 10/14 c | MN1/2 | 9 | 0.11 | 0.25 | 0.72 | 0.52 | 0.37 | 0.13 |
| Saint-G?rand-le-Puy | MN1/2 | 19 | 0.04 | 0.15 | 0.17 | 0.06 | 0.27 | 0.05 |
| Selles-sur-Cher | MN1/2 | 11 | 0.11 | 0.24 | 0.26 | 0.14 | 0.34 | 0.11 |
| Ulm-Uniklinik | MN1/2 | 7 | 0.08 | 0.18 | 0.20 | 0.09 | 0.32 | 0.07 |
| Ulm-Westtangente | MN1/2 | 13 | 0.81 | 0.58 | 0.66 | 0.30 | 0.59 | 0.41 |
| Valquemado | MN1/2 | 8 | 0.25 | 0.35 | 0.36 | 0.27 | 0.42 | 0.25 |
| Agyspe | MN1/2 | 6 | 0.21 | 0.32 | 0.34 | 0.24 | 0.41 | 0.21 |
| Chavroches | MN1/2 | 9 | 0.13 | 0.26 | 0.29 | 0.16 | 0.36 | 0.12 |
| Saulcet | MN1/2 | 6 | 0.21 | 0.31 | 0.35 | 0.23 | 0.40 | 0.20 |
| Dera Bugti 3bis | MN1/2 | 6 | 0.23 | 0.33 | 0.36 | 0.26 | 0.41 | 0.23 |
| Moroto I | MN1/2 | 7 | 0.18 | 0.29 | 0.32 | 0.22 | 0.39 | 0.17 |
| Nyanza 1 (Meswa Bridge) | MN1/2 | 7 | 0.55 | 0.30 | 0.33 | 0.19 | 0.39 | 0.18 |
| Paulhiac | MN1/2 | 23 | 0.03 | 0.11 | 0.12 | 0.04 | 0.25 | 0.02 |
| Akzhar svita | MN1/2 | 5 | 0.22 | 0.33 | 0.35 | 0.27 | 0.41 | 0.24 |

Appendix 4. The locality list with age information and mean hypsodonty values used for mean hypsodonty (MeanHYP) analysis. MNEQ stands for MN unit equivalent, N Rows show number of taxa)

| NAME | COUNTRY | N Rows | MN EQ | MeanHYP |
|---|---|---|---|---|
| Santa Cilia | Spain | 2 | MN1 | 1 |
| Paulhiac | France | 11 | MN1 | 1 |
| Findreuse 30 | France | 2 | MN1 | 1 |
| Fornant 11 | France | 3 | MN1 | 1 |
| Wischberg | Switzerlanc | 3 | MN1 | 1 |
| Moroto I | Uganda | 7 | MN1 | 1 |
| Nyanza 1 (Meswa Bridge) | Kenya | 3 | MN1 | 1 |
| Dera Bugti 3bis | Pakistan | 5 | MN1 | 1 |
| La Chaux 7 | Switzerlanc | 3 | MN1 | 1 |
| Shine-Us 2 | Mongolia | 2 | MN1 | 2 |
| Saulcet | France | 2 | MN1 | 1 |
| Chavroches | France | 2 | MN1 | 1 |
| Kozhasaj | Kazakhstan | 2 | MN1 | 1 |
| Agyspe | Kazakhstan | 6 | MN1 | 1.5 |
| Barbotan-Les-Thermes | France | 2 | MN1 | 1 |
| Laugnac | France | 12 | MN1 | 1 |
| Montaigu-le-Blin | France | 14 | MN1 | 1.071429 |
| Selles-sur-Cher | France | 5 | MN1 | 1 |
| B?chelberg | Germany | 2 | MN1 | 1 |
| Huangzhong-tianjiazai | China | 2 | MN1 | 2.5 |
| Lanzhou-zhangjiaping | China | 2 | MN1 | 1 |
| Cetina de Aragon | Spain | 9 | MN1 | 1 |
| Valquemado | Spain | 7 | MN1 | 1 |
| Loranca | Spain | 11 | MN1 | 1.090909 |
| Moheda | Spain | 2 | MN1 | 1 |
| Saint-G?rand-le-Puy | France | 6 | MN1 | 1 |
| La Encinilla | Spain | 3 | MN1 | 1 |
| Lambert | France | 3 | MN1 | 1 |
| La Chaux 7 | Switzerlanc | 3 | MN1 | 1 |
| Chemin des Falaises | Switzerlanc | 4 | MN1 | 1 |
| Haut du Calvaire | Switzerlanc | 4 | MN1 | 1 |
| La Borde | Switzerlanc | 2 | MN1 | 1 |
| Le Tunnel | Switzerlanc | 4 | MN1 | 1 |
| Wallenried (Channel) | Switzerlanc | 2 | MN1 | 1 |
| Wallenried (WI.2) | Switzerlanc | 2 | MN1 | 1 |
| Rothenstein 10/14 a | Germany | 6 | MN1 | 1 |
| Rothenstein 10/14 b | Germany | 3 | MN1 | 1 |
| Rothenstein 10/14 c | Germany | 7 | MN1 | 1 |
| Rothenstein 10/14 d | Germany | 2 | MN1 | 1 |
| Rothenstein 10/14 e | Germany | 3 | MN1 | 1 |
| Budenheim | Germany | 2 | MN1 | 1 |
| SuosuoquanIII | China | 2 | MN1 | 1 |
| Oschiri | Italy | 4 | MN1 | 1 |
| Ulm-Westtangente | Germany | 5 | MN1 | 1 |

| | | | | |
|---|---|---|---|---|
| Ulm-Uniklinik | Germany | 4 | MN1 | 1 |
| Langental | Namibia | 2 | MN2 | 1 |
| Zinda Pir 2 | Pakistan | 6 | MN2 | 1 |
| Ladakh 2 | India | 2 | MN2 | 1 |
| Esvres - Continental Sands | France | 12 | MN2 | 1 |
| Songhor (Main) | Kenya | 20 | MN2 | 1 |
| Pegu beds | Burma | 14 | MN3 | 1 |
| Danghe-xishuigou | China | 4 | MN3 | 1.5 |
| Lasse MN3 | France | 8 | MN3 | 1 |
| Chavaignes MN3 | France | 6 | MN3 | 1 |
| Pontign? MN3 | France | 13 | MN3 | 1 |
| Genneteil MN3 | France | 5 | MN3 | 1 |
| Auverse MN3 | France | 7 | MN3 | 1 |
| Noyant-sous-le-Lude MN3 | France | 9 | MN3 | 1 |
| M?on MN3 | France | 4 | MN3 | 1 |
| Chalonnes-sous-le-Lude MN3 | France | 2 | MN3 | 1 |
| D?nez?-sous-le-Lude MN3 | France | 6 | MN3 | 1 |
| Breil MN3 | France | 4 | MN3 | 1 |
| Meign?-le-Vicomte MN3 | France | 6 | MN3 | 1 |
| Rill? MN3 | France | 7 | MN3 | 1 |
| Channay-sur-Lathan MN3 | France | 5 | MN3 | 1 |
| Hommes MN3 | France | 10 | MN3 | 1 |
| Les Beilleaux | France | 10 | MN3 | 1 |
| Savign?-sur-Lathan MN3 | France | 8 | MN3 | 1 |
| Pont-Boutard MN3 | France | 10 | MN3 | 1 |
| Cl?r?-les-Pins MN3/5 | France | 2 | MN3 | 1 |
| Estrepouy | France | 8 | MN3 | 1 |
| Petit Camon | France | 2 | MN3 | 1 |
| Richevoltes | France | 3 | MN3 | 1 |
| Marsolan | France | 4 | MN3 | 1 |
| Nav?re | France | 2 | MN3 | 1 |
| Pessac - Cap-de-Bos inf. | France | 8 | MN3 | 1 |
| Mounicot | France | 2 | MN3 | 1 |
| Cestas-Moulin Neuf | France | 3 | MN3 | 1 |
| Pre-Cazeaux | France | 3 | MN3 | 1 |
| La Brosse | France | 11 | MN3 | 1 |
| Mauvi?res | France | 8 | MN3 | 1 |
| Moratilla 1 | Spain | 5 | MN3 | 1 |
| Chitenay | France | 14 | MN3 | 1 |
| Nasa 1 | Spain | 3 | MN3 | 1 |
| Nasa 3 | Spain | 3 | MN3 | 1 |
| Contres MN 3 | France | 2 | MN3 | 1 |
| Cabezo de la Junta 1 | Spain | 2 | MN3 | 1 |
| Tudela 2 | Spain | 2 | MN3 | 1.5 |
| Ateca 1 | Spain | 2 | MN3 | 1 |
| Ateca 3 | Spain | 2 | MN3 | 1 |
| ?greda | Spain | 4 | MN3 | 1 |

| | | | | |
|---|---|---|---|---|
| Sant Andreu de la Barca | Spain | 8 | MN3 | 1.125 |
| Tagai | Russia | 5 | MN3 | 1 |
| Wintershof-West | Germany | 12 | MN3 | 1 |
| Merkur-North | Czech Repu | 8 | MN3 | 1 |
| Sky?ice | Czech Repu | 3 | MN3 | 1 |
| Tucho?ice | Czech Repu | 10 | MN3 | 1.1 |
| Elisabethfeld | Namibia | 3 | MN3 | 1 |
| Auchas Pit AM 02 | Namibia | 3 | MN3 | 1 |
| Auchas Pit AMSE | Namibia | 2 | MN3 | 1 |
| Auchas | Namibia | 4 | MN3 | 1 |
| Costa Blanca -1 | Spain | 2 | MN3 | 1 |
| Costa Blanca -2 | Spain | 7 | MN3 | 1 |
| Neuville-aux-Bois | France | 7 | MN3 | 1.142857 |
| Chilleurs-aux-Bois | France | 8 | MN3 | 1 |
| Songhor (East) | Kenya | 2 | MN3 | 1 |
| Nyanza 5 (Koru) | Kenya | 4 | MN3 | 1 |
| Nyanza 7 (Koru 16) | Kenya | 3 | MN3 | 1 |
| Nyanza 8 (Koru 20) | Kenya | 5 | MN3 | 1 |
| Nyanza 9 (Koru 25) | Kenya | 7 | MN3 | 1 |
| Nyanza 11 (legetet 10) | Kenya | 8 | MN3 | 1 |
| Nyanza 12 (Legetet 11) | Kenya | 4 | MN3 | 1 |
| Nyanza 14 (Legete 14) | Kenya | 8 | MN3 | 1 |
| Nyanza 15 (Legetet 21) | Kenya | 4 | MN3 | 1 |
| Nyanza 16 (Legetet 22) | Kenya | 3 | MN3 | 1 |
| Nyanza 17 (Legetet 23) | Kenya | 2 | MN3 | 1 |
| Nyanza 20 (Legetet 29) | Kenya | 7 | MN3 | 1 |
| Nyanza 21 (Legetet 30) | Kenya | 2 | MN3 | 1 |
| Nyanza 22 (Legetet 37) | Kenya | 2 | MN3 | 1 |
| Nyanza 23 (Legetet 45) | Kenya | 2 | MN3 | 1 |
| Nyanza 25 (Mteitei 32) | Kenya | 7 | MN3 | 1 |
| Nyanza 26 (Mteitei 33) | Kenya | 6 | MN3 | 1 |
| Beaulieu | France | 5 | MN3 | 1 |
| Dera Bugti 1 | Pakistan | 2 | MN3 | 1 |
| Dera Bugti 3 | Pakistan | 2 | MN3 | 1 |
| Dera Bugti 4 | Pakistan | 19 | MN3 | 1.105263 |
| Dera Bugti 5 | Pakistan | 6 | MN3 | 1 |
| Br?ttelen | Switzerlanc | 2 | MN3 | 1 |
| Frankfurt-Nordbassin | Germany | 4 | MN3 | 1.25 |
| Horta das Tripas | Portugal | 2 | MN3 | 1 |
| Cristo-Rei | Portugal | 2 | MN3 | 1 |
| Nyanza 2 (Chamtwara 34) | Kenya | 13 | MN3 | 1 |
| Siwaliks Y0381 | Pakistan | 6 | MN3 | 1 |
| Petersbuch 11 | Germany | 3 | MN3 | 1 |
| Puzhen-zhutoushan | China | 4 | MN3 | 1.25 |
| Negev | Israel | 11 | MN3 | 1.181818 |
| Trub-S?ltenbach | Switzerlanc | 3 | MN3 | 1 |
| Aktau middle | Kazakhstan | 5 | MN3 | 1 |

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|---|---|---|---|---|
| Olkhon (Tagai) | Russia | 9 | MN3 | 1.111111 |
| Malembe | Angola | 2 | MN3 | 1 |
| Sperrgebiet | Namibia | 3 | MN3 | 1 |
| Luederitz | Namibia | 2 | MN3 | 1 |
| Siwa | Egypt | 3 | MN3 | 1 |
| Wadi Moghara | Egypt | 17 | MN3 | 1 |
| Albertine 12 | Congo: Der | 5 | MN3 | 1 |
| Napak IV | Uganda | 9 | MN3 | 1 |
| Napak V | Uganda | 11 | MN3 | 1 |
| Napak IX | Uganda | 5 | MN3 | 1 |
| Napak I | Uganda | 10 | MN3 | 1.3 |
| Moroto II | Uganda | 11 | MN3 | 1 |
| Napak | Uganda | 16 | MN3 | 1.0625 |
| Songhor post office | Kenya | 2 | MN3 | 2 |
| Muhoroni | Kenya | 2 | MN3 | 3 |
| Loperot | Kenya | 8 | MN3 | 1 |
| Pasuda | India | 9 | MN3 | 1.111111 |
| Bestyube | Kazakhstan | 6 | MN3 | 1.166667 |
| Maraldy | Kazakhstan | 3 | MN3 | 1 |
| Cherichera | Tunisia | 3 | MN3 | 1 |
| Gr?s de la Moli?re | Switzerlanc | 4 | MN3 | 1 |
| Khirgis-Nur I-Oshin | Mongolia | 6 | MN3 | 1 |
| Gebel Zelten | Libya | 22 | MN3 | 1.181818 |
| Ghaba | Oman | 4 | MN3 | 1 |
| Castelnau-Magnoac | France | 2 | MN3 | 1 |
| Lasse MN3/5 | France | 2 | MN3 | 1 |
| Chavaignes MN3/5 | France | 3 | MN3 | 1 |
| Pontign? MN3/5 | France | 3 | MN3 | 1 |
| Genneteil MN3/5 | France | 2 | MN3 | 1 |
| Auverse MN3/5 | France | 3 | MN3 | 1 |
| Noyant-sous-le-Lude MN3/5 | France | 2 | MN3 | 1 |
| M?on MN3/5 | France | 2 | MN3 | 1 |
| D?nez?-sous-le-Lude MN3/5 | France | 2 | MN3 | 1 |
| Meign?-le-Vicomte MN3/5 | France | 2 | MN3 | 1 |
| Rill? MN3/5 | France | 2 | MN3 | 1 |
| Channay-sur-Lathan MN3/5 | France | 3 | MN3 | 1 |
| Hommes MN3/5 | France | 2 | MN3 | 1 |
| Savign?-sur-Lathan MN3/5 | France | 2 | MN3 | 1 |
| Pont-Boutard MN3/5 | France | 2 | MN3 | 1 |
| Cl?r?-les-Pins MN3 | France | 4 | MN3 | 1 |
| Illerkirchberg 1 | Germany | 4 | MN3 | 1 |
| Montreal-du-Gers | France | 14 | MN3 | 1.357143 |
| B?zian | France | 14 | MN3 | 1.071429 |
| Pellecahus | France | 14 | MN3 | 1.285714 |
| Ch?ne de Nav?re | France | 4 | MN3 | 1 |
| S?rido | France | 3 | MN3 | 1 |
| Rubielos del Mora | Spain | 2 | MN3 | 1 |

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|---|---|---|---|---|
| Bu?ol | Spain | 15 | MN3 | 1.066667 |
| La Romieu | France | 19 | MN3 | 1.052632 |
| La Romieu superior | France | 7 | MN3 | 1 |
| Tavers | France | 2 | MN3 | 1 |
| Artesilla | Spain | 9 | MN3 | 1.111111 |
| Torralba 1 | Spain | 4 | MN3 | 1 |
| Torralba 2 | Spain | 2 | MN3 | 1 |
| Mun?brega 1 | Spain | 7 | MN3 | 1.285714 |
| Mun?brega 2 | Spain | 3 | MN3 | 1 |
| Mun?brega 3 | Spain | 5 | MN3 | 1 |
| Armantes 1 | Spain | 10 | MN3 | 1.2 |
| Mun?brega AB | Spain | 3 | MN3 | 1 |
| Valtorres | Spain | 4 | MN3 | 1 |
| Can Mas | Spain | 2 | MN3 | 1 |
| Can Canals | Spain | 13 | MN3 | 1.153846 |
| Les Cases de la Valenciana | Spain | 7 | MN3 | 1.142857 |
| Can Julia | Spain | 8 | MN3 | 1.125 |
| A?rotrain | France | 2 | MN3 | 1.5 |
| Artenay | France | 16 | MN3 | 1 |
| Chevilly | France | 4 | MN3 | 1.25 |
| El Canyet | Spain | 7 | MN3 | 1 |
| Baggersee Freudenegg 1 | Germany | 2 | MN3 | 1 |
| Baggersee Freudenegg 2 | Germany | 5 | MN3 | 1 |
| Baggersee Freudenegg 3 | Germany | 7 | MN3 | 1 |
| Langenau 1 | Germany | 14 | MN3 | 1.214286 |
| Langenau 2 | Germany | 7 | MN3 | 1 |
| Sihong-xiacaowan | China | 2 | MN3 | 1 |
| Petersbuch 8 | Germany | 6 | MN3 | 1 |
| Petersbuch 2 | Germany | 11 | MN3 | 1 |
| Erkertshofen 2 | Germany | 8 | MN3 | 1 |
| Sihong-shuanggou | China | 4 | MN3 | 1 |
| Sihong-songlinzhuang | China | 11 | MN3 | 1 |
| Sihong-qizhui | China | 2 | MN3 | 1 |
| Oberdorf 3 (O3) | Austria | 3 | MN3 | 1 |
| Oberdorf 4 (O4) | Austria | 6 | MN3 | 1 |
| Mokra | Czech Repu | 6 | MN3 | 1.166667 |
| Ryskop | South Afric | 6 | MN3 | 1 |
| Belchatow C | Poland | 3 | MN3 | 1 |
| Sant Mamet | Spain | 9 | MN3 | 1 |
| Moli Calopa | Spain | 10 | MN3 | 1 |
| Els Casots | Spain | 9 | MN3 | 1 |
| C?rcoles | Spain | 8 | MN3 | 1 |
| Akcahisar 1 | Turkey | 5 | MN3 | 1 |
| Mfwangano 1 | Kenya | 6 | MN3 | 1 |
| Mfwangano 2 | Kenya | 9 | MN3 | 1 |
| Mfwangano 3 | Kenya | 12 | MN3 | 1.083333 |
| Mfwangano 4 (Unknown loc.) | Kenya | 2 | MN3 | 1 |

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|---|---|---|---|---|
| Mfwangano 5 | Kenya | 8 | MN3 | 1 |
| Rusinga (Gumba) | Kenya | 18 | MN3 | 1.111111 |
| Rusinga (R105) | Kenya | 11 | MN3 | 1 |
| Rusinga (R106) | Kenya | 20 | MN3 | 1 |
| Rusinga (R107) | Kenya | 9 | MN3 | 1 |
| Rusinga (R117) | Kenya | 2 | MN3 | 1 |
| Rusinga (R 113) | Kenya | 7 | MN3 | 1 |
| Rusinga (-) | Kenya | 16 | MN3 | 1.0625 |
| Karungu | Kenya | 5 | MN3 | 1 |
| Rusinga (Kathwanga) | Kenya | 24 | MN3 | 1 |
| Rusinga (kiahera hill) | Kenya | 12 | MN3 | 1 |
| Rusinga (kulu) | Kenya | 19 | MN3 | 1.157895 |
| Rusinga (Sienga) | Kenya | 5 | MN3 | 1 |
| Rusinga (R 120) | Kenya | 3 | MN3 | 1 |
| Rusinga (Kiyune) | Kenya | 11 | MN3 | 1 |
| Rusinga (Kalim) | Kenya | 7 | MN3 | 1 |
| Karungu (Nira & Kachuka) | Kenya | 16 | MN3 | 1 |
| Rusinga (R7) | Kenya | 4 | MN3 | 1 |
| Rusinga (Nyamsingula) | Kenya | 16 | MN3 | 1.125 |
| Rusinga (Wakondu) | Kenya | 7 | MN3 | 1 |
| Rusinga (Wayondo) | Kenya | 15 | MN3 | 1 |
| Rusinga (Hiwegi west) | Kenya | 11 | MN3 | 1 |
| Rusinga (Hiwegi) | Kenya | 27 | MN3 | 1.074074 |
| Rusinga (R3) | Kenya | 21 | MN3 | 1 |
| Rusinga (R 114) | Kenya | 5 | MN3 | 1 |
| Uyoma 10 (Nyakongo) | Kenya | 3 | MN3 | 2.333333 |
| Uyoma 9 (Nyabera) | Kenya | 3 | MN3 | 1 |
| Uyoma 6 (Magare) | Kenya | 2 | MN3 | 1 |
| Uyoma 1 (Angulo) | Kenya | 2 | MN3 | 1 |
| Uyoma 12 (Rangoye) | Kenya | 4 | MN3 | 2.5 |
| Uyoma 2 (Chianda N) | Kenya | 11 | MN3 | 1 |
| Uyoma 3 (Chianda S) | Kenya | 3 | MN3 | 1 |
| Gwasi Peninsula 5 | Kenya | 4 | MN3 | 1 |
| Bukwa | Uganda | 16 | MN3 | 1.0625 |
| Locherangan | Kenya | 11 | MN3 | 1 |
| Buluk | Kenya | 17 | MN3 | 1.117647 |
| Buluk (West Stephanie) | Kenya | 12 | MN3 | 1.166667 |
| Ad Dabtiyah | Saudi Arabi | 10 | MN3 | 1.3 |
| Dera Bugti 6 | Pakistan | 18 | MN3 | 1 |
| Quinta Grande | Portugal | 2 | MN3 | 2 |
| Lisboa V | Portugal | 3 | MN3 | 1 |
| Quinta da Farinheira | Portugal | 2 | MN3 | 2 |
| Quinta das Pedreiras | Portugal | 2 | MN3 | 1 |
| Eggingen-Schleiche | Germany | 2 | MN3 | 1 |
| Eggingen-Mittelhart 3 | Germany | 19 | MN3 | 1.105263 |
| Mae Soi | Thailand | 4 | MN3 | 1.5 |
| Ulan-Tologoj | Mongolia | 9 | MN4 | 1.333333 |

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|---|---|---|---|---|
| Antonios | Greece | 7 | MN4 | 1.285714 |
| Nachola | Kenya | 6 | MN4 | 1 |
| Beger-1 | Mongolia | 7 | MN4 | 1.571429 |
| Monteagudo | Spain | 6 | MN4 | 1 |
| Gerlenhofen | Germany | 6 | MN4 | 1 |
| Mwiti | Kenya | 3 | MN4 | 1 |
| Vieux Collonges | France | 5 | MN4 | 1 |
| Aktau Mountain | Kazakhstan | 9 | MN4 | 1.444444 |
| Grimmelfingen | Germany | 6 | MN4 | 1 |
| Engelswies | Germany | 12 | MN4 | 1 |
| Lasse MN5 | France | 20 | MN5 | 1.05 |
| Rimbez - Lapeyrie base | France | 10 | MN5 | 1 |
| Chavaignes MN5 | France | 11 | MN5 | 1.090909 |
| Pontign? MN5 | France | 24 | MN5 | 1 |
| Genneteil MN5 | France | 7 | MN5 | 1 |
| Auverse MN5 | France | 15 | MN5 | 1.066667 |
| Noyant-sous-le-Lude MN5 | France | 26 | MN5 | 1.038462 |
| M?on MN5 | France | 12 | MN5 | 1 |
| D?nez?-sous-le-Lude MN5 | France | 13 | MN5 | 1 |
| Breil MN5 | France | 16 | MN5 | 1.0625 |
| Meign?-le-Vicomte MN5 | France | 18 | MN5 | 1 |
| R?aup | France | 3 | MN5 | 1 |
| Poudenas-Peyrecrechen | France | 11 | MN5 | 1.090909 |
| Lubl? MN5 | France | 4 | MN5 | 1 |
| Rill? MN5 | France | 12 | MN5 | 1 |
| Saint Laurent-de-Lin MN5 | France | 11 | MN5 | 1.090909 |
| Channay-sur-Lathan MN5 | France | 24 | MN5 | 1.041667 |
| Hommes MN5 | France | 22 | MN5 | 1.136364 |
| Courcelles-de-Touraine MN5 | France | 3 | MN5 | 1 |
| Savign?-sur-Lathan MN5 | France | 25 | MN5 | 1.04 |
| Pont-Boutard MN5 | France | 19 | MN5 | 1.052632 |
| St-Symphorien-les-Ponceaux M | France | 3 | MN5 | 1 |
| Cl?r?-les-Pins MN5 | France | 18 | MN5 | 1.055556 |
| Langhian Sables Fauves | France | 3 | MN5 | 1.333333 |
| Manciet base | France | 3 | MN5 | 1 |
| Birosse | France | 9 | MN5 | 1 |
| Endomime | France | 4 | MN5 | 1 |
| La Pousterle | France | 3 | MN5 | 1 |
| Crastes | France | 3 | MN5 | 1 |
| La Condoue | France | 8 | MN5 | 1 |
| Esvres - Marine Faluns | France | 27 | MN5 | 1.111111 |
| Pontlevoy | France | 12 | MN5 | 1.083333 |
| Contres MN 5 | France | 18 | MN5 | 1.055556 |
| Villafeliche 3 | Spain | 2 | MN5 | 1 |
| Beaugency-Tavers | France | 3 | MN5 | 1.333333 |
| Tarazona | Spain | 9 | MN5 | 1.333333 |
| Armantes 3 | Spain | 5 | MN5 | 1 |

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|---|---|---|---|---|
| Edelbeuren-Schlachtberg | Germany | 5 | MN5 | 1 |
| Edelbeuren-Maurerkopf | Germany | 5 | MN5 | 1 |
| Oggenhausen 1 | Germany | 4 | MN5 | 1 |
| Landestrost | Germany | 2 | MN5 | 1 |
| Reisensburg | Germany | 2 | MN5 | 1 |
| H?der | Germany | 6 | MN5 | 1 |
| Ziemetshausen 1b | Germany | 9 | MN5 | 1 |
| Guanghe-dalanggou | China | 3 | MN5 | 1 |
| Guanghe-wangshijie | China | 5 | MN5 | 1.4 |
| Georgensgm?nd | Germany | 8 | MN5 | 1.25 |
| G?ttschlag 1b | Germany | 2 | MN5 | 1 |
| Sandelzhausen | Germany | 13 | MN5 | 1.076923 |
| Gisseltshausen | Germany | 4 | MN5 | 1 |
| Zhongxiang-Xiaodian | China | 2 | MN5 | 1 |
| Shanwang | China | 16 | MN5 | 1 |
| Voggersberg | Germany | 2 | MN5 | 1 |
| Enghausen | Germany | 5 | MN5 | 1 |
| Stallhofen | Austria | 2 | MN5 | 1 |
| M?nzenberg (Leoben) | Austria | 3 | MN5 | 1 |
| Seegraben (Leoben) | Austria | 6 | MN5 | 1.166667 |
| Vordersdorf b.Eibiswald | Austria | 2 | MN5 | 1 |
| Eibiswald | Austria | 5 | MN5 | 1.2 |
| G?riach | Austria | 15 | MN5 | 1 |
| Lucane | Croatia | 3 | MN5 | 1.333333 |
| Arrisdrift | Namibia | 8 | MN5 | 1.25 |
| Baigneaux-en-Beauce | France | 16 | MN5 | 1.0625 |
| PAR-Penuelas (Madrid) | Spain | 5 | MN5 | 1.4 |
| La Retama | Spain | 7 | MN5 | 1.285714 |
| Mala Miliva | Serbia and | 2 | MN5 | 1 |
| Thymiana B | Greece | 8 | MN5 | 1.375 |
| Chios | Greece | 9 | MN5 | 1.333333 |
| La Hidroelectrica Madrid | Spain | 13 | MN5 | 1.230769 |
| Puente de Vallecas | Spain | 13 | MN5 | 1.230769 |
| Moratines | Spain | 7 | MN5 | 1.428571 |
| O'Donnell | Spain | 5 | MN5 | 1.2 |
| Arroyo del Olivar | Spain | 4 | MN5 | 1.25 |
| Montejo de la Vega | Spain | 5 | MN5 | 1 |
| Estaci?n Imperial (Madrid) | Spain | 6 | MN5 | 1.5 |
| Paseo de la Esparanza (Madri | Spain | 8 | MN5 | 1.375 |
| Paseo de la Esparanza 7 (Mad | Spain | 3 | MN5 | 1.666667 |
| Paseo de las Acacias (Madrid) | Spain | 8 | MN5 | 1.375 |
| Puente de Toledo | Spain | 8 | MN5 | 1.375 |
| Henares 2 | Spain | 2 | MN5 | 1 |
| Los Nogales | Spain | 9 | MN5 | 1.333333 |
| San Isidro | Spain | 5 | MN5 | 1.2 |
| Somosaguas Sur | Spain | 2 | MN5 | 1 |
| Karaagac 1 | Turkey | 3 | MN5 | 1 |

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|---|---|---|---|---|
| Candir (Loc.1) | Turkey | 2 | MN5 | 1.5 |
| Kalodirr | Kenya | 16 | MN5 | 1 |
| Morourot | Kenya | 9 | MN5 | 1.222222 |
| Faluns of Touraine & Anjou | France | 6 | MN5 | 1.5 |
| Belometchetskaja | Russia | 20 | MN5 | 1.2 |
| Al-Sarrar | Saudi Arabi | 8 | MN5 | 1 |
| Hambach 6C | Germany | 12 | MN5 | 1 |
| Kushuk | Kazakhstan | 4 | MN5 | 1 |
| Dzhilanchik (Uly-Dzhilanchik) | Kazakhstan | 12 | MN5 | 1.25 |
| Manchar 1 | Pakistan | 18 | MN5 | 1 |
| Manchar 2 | Pakistan | 11 | MN5 | 1 |
| Vermes 1 | Switzerlanc | 2 | MN5 | 1 |
| Rothenstein 1 | Germany | 6 | MN5 | 1 |
| Zinda Pir 3 | Pakistan | 11 | MN5 | 1.181818 |
| Kalkaman lake | Kazakhstan | 10 | MN5 | 1.1 |
| Aspitobel 520m | Switzerlanc | 2 | MN5 | 1 |
| Buchberg-Erlistrasse 88 | Switzerlanc | 3 | MN5 | 1 |
| H?llistein | Switzerlanc | 6 | MN5 | 1 |
| Heggbach | Germany | 10 | MN5 | 1.1 |
| Li Mae Long | Thailand | 6 | MN5 | 1 |
| Ulaan Tolgoi | Mongolia | 4 | MN5 | 1 |
| Sinda | Congo: Der | 8 | MN5 | 1 |
| Bur Siala | Kenya | 2 | MN5 | 1 |
| Ombo | Kenya | 11 | MN5 | 1.363636 |
| Kaloma | Kenya | 8 | MN5 | 1.25 |
| Majiwa | Kenya | 21 | MN5 | 1.095238 |
| Tugen Hills (BPRP 122) | Kenya | 2 | MN5 | 1 |
| Tugen Hills (BPRP 89) | Kenya | 11 | MN5 | 1 |
| Tugen Hills 1 | Kenya | 3 | MN5 | 1 |
| Kipsaraman | Kenya | 4 | MN5 | 1.25 |
| Kipsaramon 2 | Kenya | 12 | MN5 | 1 |
| Baragoi | Kenya | 2 | MN5 | 1 |
| Samburu Hills (Nachola) | Kenya | 14 | MN5 | 1 |
| Kirimun | Kenya | 4 | MN5 | 1 |
| Mbagathi | Kenya | 4 | MN5 | 1 |
| Zhylandy | Kazakhstan | 3 | MN5 | 1 |
| Grund | Austria | 6 | MN5 | 1 |
| Valley of Lakes | Mongolia | 2 | MN5 | 2 |
| Siwaliks B0015 | Pakistan | 3 | MN5 | 1 |
| Siwaliks B0051 | Pakistan | 3 | MN5 | 1 |
| Siwaliks B0052 | Pakistan | 5 | MN5 | 1.4 |
| Siwaliks B0056 | Pakistan | 2 | MN5 | 1 |
| Siwaliks B0058 | Pakistan | 2 | MN5 | 1 |
| Siwaliks B0059 | Pakistan | 5 | MN5 | 1.6 |
| Siwaliks B0108 | Pakistan | 3 | MN5 | 1 |
| Siwaliks B0124 | Pakistan | 4 | MN5 | 1 |
| Siwaliks B0126 | Pakistan | 2 | MN5 | 2 |

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| Siwaliks B0139 | Pakistan | 2 | MN5 | 2 |
| Siwaliks B0142 | Pakistan | 2 | MN5 | 1 |
| Siwaliks B0143 | Pakistan | 5 | MN5 | 1 |
| Siwaliks B0144 | Pakistan | 3 | MN5 | 1 |
| Siwaliks B0148 | Pakistan | 4 | MN5 | 1 |
| Siwaliks L0002 | Pakistan | 3 | MN5 | 1 |
| Siwaliks L0018 | Pakistan | 2 | MN5 | 2 |
| Siwaliks L0020 | Pakistan | 2 | MN5 | 1 |
| Siwaliks L0021 | Pakistan | 5 | MN5 | 1 |
| Siwaliks L0022 | Pakistan | 6 | MN5 | 1 |
| Siwaliks L0024 | Pakistan | 3 | MN5 | 1.666667 |
| Siwaliks L0025 | Pakistan | 2 | MN5 | 1 |
| Siwaliks L0026 | Pakistan | 2 | MN5 | 1 |
| Siwaliks L0027 | Pakistan | 2 | MN5 | 1 |
| Siwaliks L0028 | Pakistan | 3 | MN5 | 1 |
| Siwaliks L0031 | Pakistan | 2 | MN5 | 1 |
| Siwaliks L0033 | Pakistan | 4 | MN5 | 1 |
| Siwaliks L0035 | Pakistan | 10 | MN5 | 1 |
| Siwaliks L0037 | Pakistan | 2 | MN5 | 1 |
| Siwaliks L0040 | Pakistan | 4 | MN5 | 1 |
| Siwaliks L0062 | Pakistan | 3 | MN5 | 1 |
| Siwaliks L0069 | Pakistan | 2 | MN5 | 1 |
| Siwaliks L0083 | Pakistan | 3 | MN5 | 2.333333 |
| Siwaliks L0084 | Pakistan | 5 | MN5 | 1.4 |
| Siwaliks S0002 | Pakistan | 17 | MN5 | 1 |
| Siwaliks S0003 | Pakistan | 11 | MN5 | 1 |
| Siwaliks S0004 | Pakistan | 3 | MN5 | 1 |
| Siwaliks S0005 | Pakistan | 2 | MN5 | 1 |
| Siwaliks S0006 | Pakistan | 7 | MN5 | 1 |
| Siwaliks S0013 | Pakistan | 6 | MN5 | 1 |
| Siwaliks S0014 | Pakistan | 2 | MN5 | 1 |
| Siwaliks S0015 | Pakistan | 8 | MN5 | 1 |
| Siwaliks S0016 | Pakistan | 5 | MN5 | 1 |
| Siwaliks S0020 | Pakistan | 2 | MN5 | 1 |
| Siwaliks Y0010 | Pakistan | 5 | MN5 | 2.2 |
| Siwaliks Y0037 | Pakistan | 5 | MN5 | 1 |
| Siwaliks Y0038 | Pakistan | 13 | MN5 | 1.153846 |
| Siwaliks Y0040 | Pakistan | 3 | MN5 | 1 |
| Siwaliks Y0041 | Pakistan | 6 | MN5 | 1 |
| Siwaliks Y0042 | Pakistan | 3 | MN5 | 1 |
| Siwaliks Y0043 | Pakistan | 4 | MN5 | 1 |
| Siwaliks Y0044 | Pakistan | 2 | MN5 | 1 |
| Siwaliks Y0045 | Pakistan | 2 | MN5 | 1 |
| Siwaliks Y0050 | Pakistan | 2 | MN5 | 1 |
| Siwaliks Y0051 | Pakistan | 7 | MN5 | 1 |
| Siwaliks Y0052 | Pakistan | 2 | MN5 | 1 |
| Siwaliks Y0053 | Pakistan | 7 | MN5 | 1.285714 |

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|---|---|---|---|---|
| Siwaliks Y0054 | Pakistan | 10 | MN5 | 1.3 |
| Siwaliks Y0055 | Pakistan | 2 | MN5 | 1 |
| Siwaliks Y0056 | Pakistan | 4 | MN5 | 1 |
| Siwaliks Y0057 | Pakistan | 2 | MN5 | 1 |
| Siwaliks Y0058 | Pakistan | 6 | MN5 | 1 |
| Siwaliks Y0059 | Pakistan | 14 | MN5 | 1.142857 |
| Siwaliks Y0063 | Pakistan | 2 | MN5 | 1 |
| Siwaliks Y0064 | Pakistan | 2 | MN5 | 1 |
| Siwaliks Y0065 | Pakistan | 3 | MN5 | 1 |
| Siwaliks Y0066 | Pakistan | 3 | MN5 | 1 |
| Siwaliks Y0067 | Pakistan | 8 | MN5 | 1 |
| Siwaliks Y0068 | Pakistan | 3 | MN5 | 1.666667 |
| Siwaliks Y0069 | Pakistan | 3 | MN5 | 1 |
| Siwaliks Y0071 | Pakistan | 4 | MN5 | 1.5 |
| Siwaliks Y0075 | Pakistan | 2 | MN5 | 1 |
| Siwaliks Y0079 | Pakistan | 2 | MN5 | 2 |
| Siwaliks Y0080 | Pakistan | 3 | MN5 | 1 |
| Siwaliks Y0082 | Pakistan | 3 | MN5 | 1.666667 |
| Siwaliks Y0083 | Pakistan | 9 | MN5 | 1 |
| Siwaliks Y0086 | Pakistan | 2 | MN5 | 1 |
| Siwaliks Y0088 | Pakistan | 2 | MN5 | 1 |
| Siwaliks Y0095 | Pakistan | 4 | MN5 | 1.5 |
| Siwaliks Y0105 | Pakistan | 2 | MN5 | 1 |
| Siwaliks Y0120 | Pakistan | 3 | MN5 | 1.666667 |
| Siwaliks Y0121 | Pakistan | 2 | MN5 | 2 |
| Siwaliks Y0123 | Pakistan | 2 | MN5 | 2 |
| Siwaliks Y0128 | Pakistan | 3 | MN5 | 1.666667 |
| Siwaliks Y0134 | Pakistan | 2 | MN5 | 2 |
| Siwaliks Y0144 | Pakistan | 3 | MN5 | 1.666667 |
| Siwaliks Y0157 | Pakistan | 2 | MN5 | 2 |
| Siwaliks Y0162 | Pakistan | 5 | MN5 | 2.2 |
| Siwaliks Y0175 | Pakistan | 2 | MN5 | 2 |
| Siwaliks Y0177 | Pakistan | 3 | MN5 | 1.666667 |
| Siwaliks Y0179 | Pakistan | 2 | MN5 | 2 |
| Siwaliks Y0180 | Pakistan | 2 | MN5 | 2 |
| Siwaliks Y0187 | Pakistan | 2 | MN5 | 1 |
| Siwaliks Y0188 | Pakistan | 5 | MN5 | 1 |
| Siwaliks Y0189 | Pakistan | 8 | MN5 | 1 |
| Siwaliks Y0215 | Pakistan | 4 | MN5 | 2 |
| Siwaliks Y0247 | Pakistan | 2 | MN5 | 1 |
| Siwaliks Y0256 | Pakistan | 3 | MN5 | 2.333333 |
| Siwaliks Y0266 | Pakistan | 2 | MN5 | 2 |
| Siwaliks Y0274 | Pakistan | 2 | MN5 | 2 |
| Siwaliks Y0282 | Pakistan | 2 | MN5 | 2 |
| Siwaliks Y0290 | Pakistan | 2 | MN5 | 2 |
| Siwaliks Y0298 | Pakistan | 2 | MN5 | 1 |
| Siwaliks Y0301 | Pakistan | 3 | MN5 | 2.666667 |

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|---|---|---|---|---|
| Siwaliks Y0302 | Pakistan | 2 | MN5 | 1 |
| Siwaliks Y0304 | Pakistan | 2 | MN5 | 1 |
| Siwaliks Y0305 | Pakistan | 6 | MN5 | 1.333333 |
| Siwaliks Y0339 | Pakistan | 10 | MN5 | 1.6 |
| Siwaliks Y0342 | Pakistan | 3 | MN5 | 1.666667 |
| Siwaliks Y0363 | Pakistan | 3 | MN5 | 1.666667 |
| Siwaliks Y0384 | Pakistan | 4 | MN5 | 1.5 |
| Siwaliks Y0405 | Pakistan | 2 | MN5 | 1 |
| Siwaliks Y0429 | Pakistan | 3 | MN5 | 1 |
| Siwaliks Y0430 | Pakistan | 3 | MN5 | 1 |
| Siwaliks Y0431 | Pakistan | 2 | MN5 | 1 |
| Siwaliks Y0478 | Pakistan | 22 | MN5 | 1 |
| Siwaliks Y0486 | Pakistan | 9 | MN5 | 1.222222 |
| Siwaliks Y0487 | Pakistan | 2 | MN5 | 1 |
| Siwaliks Y0492 | Pakistan | 2 | MN5 | 1 |
| Siwaliks Y0498 | Pakistan | 9 | MN5 | 1.222222 |
| Siwaliks Y0499 | Pakistan | 17 | MN5 | 1.235294 |
| Siwaliks Y0500 | Pakistan | 19 | MN5 | 1.263158 |
| Siwaliks Y0502 | Pakistan | 8 | MN5 | 1.875 |
| Siwaliks Y0503 | Pakistan | 13 | MN5 | 1.230769 |
| Siwaliks Y0506 | Pakistan | 6 | MN5 | 1 |
| Siwaliks Y0507 | Pakistan | 8 | MN5 | 1.5 |
| Siwaliks Y0508 | Pakistan | 2 | MN5 | 1 |
| Siwaliks Y0509 | Pakistan | 5 | MN5 | 1 |
| Siwaliks Y0510 | Pakistan | 4 | MN5 | 1 |
| Siwaliks Y0511 | Pakistan | 4 | MN5 | 1 |
| Siwaliks Y0512 | Pakistan | 4 | MN5 | 1 |
| Siwaliks Y0513 | Pakistan | 6 | MN5 | 1 |
| Siwaliks Y0514 | Pakistan | 6 | MN5 | 1.333333 |
| Siwaliks Y0515 | Pakistan | 16 | MN5 | 1.25 |
| Siwaliks Y0516 | Pakistan | 3 | MN5 | 1.666667 |
| Siwaliks Y0518 | Pakistan | 2 | MN5 | 1 |
| Siwaliks Y0519 | Pakistan | 4 | MN5 | 1 |
| Siwaliks Y0520 | Pakistan | 2 | MN5 | 1 |
| Siwaliks Y0566 | Pakistan | 2 | MN5 | 1 |
| Siwaliks Y0584 | Pakistan | 2 | MN5 | 1 |
| Siwaliks Y0589 | Pakistan | 2 | MN5 | 1 |
| Siwaliks Y0590 | Pakistan | 2 | MN5 | 1 |
| Siwaliks Y0591 | Pakistan | 7 | MN5 | 1 |
| Siwaliks Y0592 | Pakistan | 11 | MN5 | 1 |
| Siwaliks Y0634 | Pakistan | 11 | MN5 | 1 |
| Siwaliks Y0639 | Pakistan | 4 | MN5 | 1 |
| Siwaliks Y0640 | Pakistan | 10 | MN5 | 1 |
| Siwaliks Y0641 | Pakistan | 8 | MN5 | 1 |
| Siwaliks Y0642 | Pakistan | 10 | MN5 | 1 |
| Siwaliks Y0644 | Pakistan | 4 | MN5 | 1 |
| Siwaliks Y0650 | Pakistan | 8 | MN5 | 1 |

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| Siwaliks Y0651 | Pakistan | 4 | MN5 | 1 |
| Siwaliks Y0652 | Pakistan | 6 | MN5 | 1 |
| Siwaliks Y0658 | Pakistan | 4 | MN5 | 1 |
| Siwaliks Y0663 | Pakistan | 8 | MN5 | 1 |
| Siwaliks Y0665 | Pakistan | 4 | MN5 | 1 |
| Siwaliks Y0677 | Pakistan | 3 | MN5 | 1 |
| Siwaliks Y0678 | Pakistan | 8 | MN5 | 1 |
| Siwaliks Y0680 | Pakistan | 2 | MN5 | 1 |
| Siwaliks Y0681 | Pakistan | 6 | MN5 | 1 |
| Siwaliks Y0682 | Pakistan | 13 | MN5 | 1 |
| Siwaliks Y0684 | Pakistan | 2 | MN5 | 1 |
| Siwaliks Y0686 | Pakistan | 2 | MN5 | 1 |
| Siwaliks Y0687 | Pakistan | 6 | MN5 | 1 |
| Siwaliks Y0689 | Pakistan | 2 | MN5 | 1 |
| Siwaliks Y0692 | Pakistan | 3 | MN5 | 1 |
| Siwaliks Y0694 | Pakistan | 8 | MN5 | 1 |
| Siwaliks Y0700 | Pakistan | 2 | MN5 | 1 |
| Siwaliks Y0705 | Pakistan | 17 | MN5 | 1.176471 |
| Siwaliks Y0706 | Pakistan | 7 | MN5 | 1.285714 |
| Siwaliks Y0718 | Pakistan | 2 | MN5 | 1 |
| Siwaliks Y0719 | Pakistan | 2 | MN5 | 1 |
| Siwaliks Y0721 | Pakistan | 3 | MN5 | 1 |
| Siwaliks Y0731 | Pakistan | 3 | MN5 | 1 |
| Siwaliks Y0738 | Pakistan | 6 | MN5 | 1 |
| Siwaliks Y0739 | Pakistan | 2 | MN5 | 1 |
| Siwaliks Y0740 | Pakistan | 5 | MN5 | 1 |
| Siwaliks Y0744 | Pakistan | 6 | MN5 | 1 |
| Siwaliks Y0747 | Pakistan | 12 | MN5 | 1 |
| Siwaliks Y0750 | Pakistan | 15 | MN5 | 1 |
| Siwaliks Y0752 | Pakistan | 2 | MN5 | 1 |
| Siwaliks Y0753 | Pakistan | 3 | MN5 | 1 |
| Siwaliks Y0754 | Pakistan | 2 | MN5 | 1 |
| Siwaliks Y0755 | Pakistan | 2 | MN5 | 1 |
| Siwaliks Y0756 | Pakistan | 3 | MN5 | 1.666667 |
| Siwaliks Y0758 | Pakistan | 5 | MN5 | 1 |
| Siwaliks Y0760 | Pakistan | 3 | MN5 | 1 |
| Siwaliks Y0761 | Pakistan | 3 | MN5 | 1 |
| Siwaliks Y0775 | Pakistan | 10 | MN5 | 1.3 |
| Siwaliks Y0776 | Pakistan | 7 | MN5 | 1 |
| Siwaliks Y0782 | Pakistan | 3 | MN5 | 1 |
| Siwaliks Y0783 | Pakistan | 2 | MN5 | 1.5 |
| Siwaliks Y0784 | Pakistan | 8 | MN5 | 1 |
| Siwaliks Y0786 | Pakistan | 3 | MN5 | 1.666667 |
| Siwaliks Y0794 | Pakistan | 3 | MN5 | 1 |
| Siwaliks Y0801 | Pakistan | 4 | MN5 | 1 |
| Siwaliks Y0802 | Pakistan | 10 | MN5 | 1 |
| Siwaliks Y0806 | Pakistan | 3 | MN5 | 1 |

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|---|---|---|---|---|
| Siwaliks Y0809 | Pakistan | 3 | MN5 | 1 |
| Siwaliks Y0810 | Pakistan | 3 | MN5 | 1 |
| Siwaliks Y0811 | Pakistan | 3 | MN5 | 1 |
| Siwaliks Y0816 | Pakistan | 2 | MN5 | 1 |
| Siwaliks Y0822 | Pakistan | 12 | MN5 | 1.25 |
| Siwaliks Y0824 | Pakistan | 4 | MN5 | 1 |
| Siwaliks Y0825 | Pakistan | 9 | MN5 | 1.111111 |
| Siwaliks Y0826 | Pakistan | 3 | MN5 | 1 |
| Siwaliks Y0828 | Pakistan | 7 | MN5 | 1 |
| Siwaliks Y0831 | Pakistan | 3 | MN5 | 1 |
| Siwaliks Y0832 | Pakistan | 3 | MN5 | 1 |
| Siwaliks Y0833 | Pakistan | 2 | MN5 | 1 |
| Siwaliks Y0834 | Pakistan | 5 | MN5 | 1 |
| Siwaliks Y0835 | Pakistan | 6 | MN5 | 1 |
| Siwaliks Y0836 | Pakistan | 3 | MN5 | 1 |
| Siwaliks Y0837 | Pakistan | 3 | MN5 | 1 |
| Siwaliks Y0843 | Pakistan | 3 | MN5 | 1 |
| Siwaliks Y0846 | Pakistan | 3 | MN5 | 1 |
| Siwaliks Y0852 | Pakistan | 2 | MN5 | 1 |
| Siwaliks Y0853 | Pakistan | 5 | MN5 | 1 |
| Siwaliks Y0854 | Pakistan | 4 | MN5 | 1 |
| Siwaliks Y0855 | Pakistan | 3 | MN5 | 1 |
| Siwaliks Y0878 | Pakistan | 2 | MN5 | 1 |
| Siwaliks Y0879 | Pakistan | 2 | MN5 | 1 |
| Siwaliks Y0882 | Pakistan | 5 | MN5 | 1 |
| Siwaliks Y0883 | Pakistan | 3 | MN5 | 1 |
| Siwaliks Y0885 | Pakistan | 2 | MN5 | 1 |
| Siwaliks Y0942 | Pakistan | 3 | MN5 | 1 |
| Siwaliks Y0957 | Pakistan | 2 | MN5 | 2 |
| Siwaliks Y0969 | Pakistan | 2 | MN5 | 1 |
| Siwaliks Y0971 | Pakistan | 3 | MN5 | 2 |
| Siwaliks Y0972 | Pakistan | 2 | MN5 | 2 |
| Siwaliks Y0976 | Pakistan | 2 | MN5 | 1 |
| Siwaliks Y0977 | Pakistan | 3 | MN5 | 1.666667 |
| Siwaliks Y0978 | Pakistan | 2 | MN5 | 2 |
| Siwaliks Y0986 | Pakistan | 4 | MN5 | 1 |
| Siwaliks Y0987 | Pakistan | 7 | MN5 | 1.714286 |
| Siwaliks Y1017 | Pakistan | 2 | MN5 | 2 |
| Goldberg 2 | Germany | 2 | MN5 | 1 |
| Derching | Germany | 7 | MN5 | 1.285714 |
| Pfaffenzell | Germany | 2 | MN5 | 1 |
| Laimering 3 | Germany | 5 | MN5 | 1 |
| Griesbeckerzell | Germany | 12 | MN5 | 1 |
| Walda 2 | Germany | 11 | MN5 | 1 |
| Gallenbach 2C | Germany | 2 | MN5 | 1 |
| Unterzolling | Germany | 3 | MN5 | 1 |
| Viehhausen | Germany | 5 | MN5 | 1 |

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|---|---|---|---|---|
| Nebisuyu | Turkey | 4 | MN5 | 1 |
| Kultak | Turkey | 3 | MN5 | 1.333333 |
| Ardic-Mordogan | Turkey | 8 | MN5 | 1.875 |
| Akkemer | Kazakhstan | 4 | MN5 | 1 |
| Veltheim | Switzerlanc | 2 | MN5 | 1 |
| Heudorf | Germany | 3 | MN5 | 1 |
| Messkirch | Germany | 3 | MN5 | 1 |
| Wannenwaldtobel-2 | Germany | 3 | MN5 | 1 |
| Petersbuch 7 | Germany | 5 | MN5 | 1 |
| Somosaguas Norte | Spain | 6 | MN5 | 1.166667 |
| Bonlanden | Germany | 4 | MN5 | 1 |
| Huai Siew | Thailand | 6 | MN5 | 1 |
| Ban San Klang | Thailand | 5 | MN5 | 1 |
| St?tzling bei Augsburg | Germany | 2 | MN5 | 1 |
| Rinnenthal | Germany | 2 | MN5 | 1 |
| Wulfertshausen | Germany | 2 | MN5 | 1 |
| Unterneul 1c | Germany | 2 | MN5 | 1 |
| Osseltshausen | Germany | 2 | MN5 | 1 |
| St. Oswald | Austria | 2 | MN5 | 1 |
| Ciftlikk?y | Turkey | 2 | MN5 | 1 |
| Muruorot | Kenya | 16 | MN5 | 1 |
| Daud Khel | Pakistan | 15 | MN5 | 1.266667 |
| Wiesberg bei Gauweinheim | Germany | 2 | MN5 | 1 |
| Tobel Oelhalde-S?d | Germany | 4 | MN5 | 1 |
| Ban Na Sai | Thailand | 4 | MN5 | 1 |
| Had Pu Dai | Thailand | 4 | MN5 | 1 |
| Reischenau | Germany | 2 | MN6 | 1 |
| Friedberg | Germany | 7 | MN6 | 1.142857 |
| Ulan-Khak | Mongolia | 2 | MN6 | 2 |
| Akzhal | Kazakhstan | 2 | MN6 | 1 |
| Marciac | France | 2 | MN6 | 1 |
| Mi?lan | France | 4 | MN6 | 1 |
| Montesquiou-sur-L'Osse | France | 2 | MN6 | 1 |
| Liet | France | 9 | MN6 | 1 |
| Sansan | France | 23 | MN6 | 1 |
| Haulies | France | 9 | MN6 | 1 |
| Castelnau-d'Arbieu | France | 9 | MN6 | 1 |
| Lussan | France | 3 | MN6 | 1 |
| Montpezat | France | 2 | MN6 | 1 |
| Laymont | France | 2 | MN6 | 1 |
| Manchones 1 | Spain | 6 | MN6 | 1.166667 |
| Manchones 2 | Spain | 5 | MN6 | 1.2 |
| Arroyo del Val | Spain | 4 | MN6 | 1 |
| Arroyo del Val VI | Spain | 3 | MN6 | 1.333333 |
| Murero | Spain | 5 | MN6 | 1 |
| Paracuellos 3 | Spain | 11 | MN6 | 1.090909 |
| Steinberg | Germany | 3 | MN6 | 1 |

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|---|---|---|---|---|
| St?tzling | Germany | 20 | MN6 | 1.05 |
| Hezheng-laogou | China | 11 | MN6 | 1.363636 |
| Tongxin | China | 6 | MN6 | 1.666667 |
| Tongxin-dingjiaergou | China | 7 | MN6 | 1.285714 |
| Tongxin-gujiazhuang | China | 3 | MN6 | 1 |
| Tongxin-jinzuizigou | China | 2 | MN6 | 1 |
| Tongxin-maerzuizigou | China | 4 | MN6 | 1 |
| Tongxin-shataigou | China | 3 | MN6 | 1 |
| Tongxin-Yehuliquezi | China | 2 | MN6 | 1 |
| Lantian-koujiacun | China | 2 | MN6 | 1 |
| Gallenbach 2b | Germany | 5 | MN6 | 1 |
| Thannhausen | Germany | 16 | MN6 | 1.125 |
| Tairum Nor | China | 5 | MN6 | 1.4 |
| Jiulongkou | China | 9 | MN6 | 1.222222 |
| Gisseltshausen 1a | Germany | 4 | MN6 | 1 |
| Gisseltshausen 1b | Germany | 6 | MN6 | 1 |
| Trimmelkam | Austria | 2 | MN6 | 1 |
| Liuhe-lingyanshan | China | 3 | MN6 | 1 |
| Dev?nsk? Nov? Ves - Bonanza | Slovakia | 3 | MN6 | 1 |
| Dev?nsk? Nov? Ves - Fissures | Slovakia | 13 | MN6 | 1.076923 |
| Prebreza | Serbia and | 6 | MN6 | 1.333333 |
| Ayibaligi mevkii | Turkey | 3 | MN6 | 2.333333 |
| Paracuellos 5 | Spain | 10 | MN6 | 1.1 |
| Henares 1 | Spain | 4 | MN6 | 1 |
| Paracuellos 2 | Spain | 4 | MN6 | 1 |
| Alhambra-T?neles | Spain | 5 | MN6 | 1.2 |
| Moraleja de Enmedio | Spain | 6 | MN6 | 1 |
| Pasalar | Turkey | 21 | MN6 | 1.333333 |
| In?n? I (Sinap 24A) | Turkey | 17 | MN6 | 1.352941 |
| T?ney | Turkey | 2 | MN6 | 1 |
| Maboko | Kenya | 28 | MN6 | 1.071429 |
| Kipsaramon 1 | Kenya | 13 | MN6 | 1 |
| La Barranca | Spain | 3 | MN6 | 1.333333 |
| Al Jadidah | Saudi Arabi | 6 | MN6 | 1.166667 |
| Beni Mellal | Morocco | 4 | MN6 | 1 |
| Kentyubek | Kazakhstan | 2 | MN6 | 1 |
| Chatzloch | Switzerlanc | 3 | MN6 | 1 |
| Oeschgraben | Switzerlanc | 3 | MN6 | 1 |
| Karashigar | Kazakhstan | 2 | MN6 | 2 |
| Riedern | Germany | 2 | MN6 | 1 |
| Schwamendingen | Switzerlanc | 4 | MN6 | 1 |
| Sagentobel | Switzerlanc | 2 | MN6 | 1 |
| R?mikon | Switzerlanc | 7 | MN6 | 1 |
| Wiesholz | Switzerlanc | 3 | MN6 | 1 |
| Elgg | Switzerlanc | 5 | MN6 | 1 |
| Schmidr?ti | Switzerlanc | 2 | MN6 | 1 |
| Junggar-chibaerwoyi | China | 4 | MN6 | 1 |

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| Junggar-Tieersihabahe | China | 6 | MN6 | 1 |
| Junggar-Botamoyin | China | 8 | MN6 | 1 |
| Junggar-Ganqikairixi | China | 2 | MN6 | 1 |
| Junggar-botamoyindong | China | 2 | MN6 | 1 |
| P?voa de Satar?m | Portugal | 2 | MN6 | 1 |
| Mettlen 4 | Switzerlanc | 4 | MN6 | 1 |
| Uzwil-Nutzenbuech | Switzerlanc | 4 | MN6 | 1 |
| Qaidam-Olongbuluk | China | 5 | MN6 | 1.4 |
| Siwaliks Y0666 | Pakistan | 3 | MN6 | 1 |
| Oshin-I lower | Mongolia | 8 | MN6 | 1.875 |
| Siwaliks Y0491 | Pakistan | 12 | MN6 | 1.166667 |
| Fort Ternan | Kenya | 25 | MN6 | 1.28 |
| Siwaliks Y0669 | Pakistan | 3 | MN6 | 1 |
| Candir (Loc. 3) | Turkey | 18 | MN6 | 1.333333 |
| Siwaliks Y0660 | Pakistan | 3 | MN6 | 1 |
| Siwaliks Y0736 | Pakistan | 2 | MN6 | 1 |
| Siwaliks Y0842 | Pakistan | 2 | MN6 | 1 |
| Siwaliks Y0847 | Pakistan | 3 | MN6 | 1 |
| Siwaliks Y0848 | Pakistan | 3 | MN6 | 1 |
| Siwaliks Y0668 | Pakistan | 2 | MN6 | 1 |
| Siwaliks Y0661 | Pakistan | 3 | MN6 | 1 |
| Simorre | France | 7 | MN6 | 1 |
| Arroyo del Val I | Spain | 3 | MN6 | 1.333333 |
| Arroyo del Val IV | Spain | 3 | MN6 | 1.333333 |
| Huangzhong-diaogou | China | 2 | MN6 | 1 |
| Qinan-lianhua | China | 2 | MN6 | 1 |
| Zhongning-hongliugou | China | 2 | MN6 | 1 |
| Dev?nsk? Nov? Ves - Sandhill | Slovakia | 23 | MN6 | 1.043478 |
| Przeworno 1 | Poland | 3 | MN6 | 1 |
| Catakbagyaka | Turkey | 10 | MN6 | 1.2 |
| Samburu Hills (Aka Aiteputh) | Kenya | 14 | MN6 | 1 |
| Four | France | 4 | MN6 | 1 |
| Mae Moh | Thailand | 7 | MN6 | 1 |
| Siwaliks Y0724 | Pakistan | 4 | MN6 | 1 |
| Siwaliks Y0690 | Pakistan | 7 | MN6 | 1 |
| Siwaliks Y0691 | Pakistan | 5 | MN6 | 1 |
| Siwaliks Y0711 | Pakistan | 4 | MN6 | 1 |
| Siwaliks Y0726 | Pakistan | 4 | MN6 | 1.5 |
| Siwaliks Y0774 | Pakistan | 2 | MN6 | 1 |
| Alengerr beds | Kenya | 4 | MN6 | 1 |
| Nyakach 7 (Kadianga East) | Kenya | 2 | MN6 | 1 |
| Nyakach 8 (Kadianga West) | Kenya | 9 | MN6 | 1.333333 |
| Nyakach 20 (Ramogi) | Kenya | 2 | MN6 | 1 |
| Nyakach 2 (Aiyoo West) | Kenya | 4 | MN6 | 1.5 |
| Nyakach 19 (Pundo) | Kenya | 7 | MN6 | 1.142857 |
| Nyakach 9 (Kaimogool East) | Kenya | 6 | MN6 | 1.166667 |
| Nyakach 10 (Kaimogool North | Kenya | 9 | MN6 | 1.333333 |

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| Nyakach 14 (Koimoroon 1) | Kenya | 3 | MN6 | 1 |
| Nyakach 4 (Chepetet West) | Kenya | 2 | MN6 | 1 |
| Nyakach 11 (Kaimogool South | Kenya | 10 | MN6 | 1.3 |
| Nyakach 16 (Koimoroon 3) | Kenya | 2 | MN6 | 1 |
| Nyakach 17 (koimoroon 4) | Kenya | 2 | MN6 | 1 |
| Nyakach 5 (Cherwa) | Kenya | 4 | MN6 | 1.75 |
| Nyakach 12 (Kaplelatet) | Kenya | 4 | MN6 | 1 |
| Nyakach 6 (Ewaret) | Kenya | 3 | MN6 | 1.333333 |
| Fort Ternan 1 (Kapsibor) | Kenya | 5 | MN6 | 1 |
| Fort Ternan 2 (Serek) | Kenya | 7 | MN6 | 1 |
| Ngorora 2 | Kenya | 2 | MN6 | 2 |
| Ngorora 3 | Kenya | 2 | MN6 | 1.5 |
| Ngorora 4 | Kenya | 3 | MN6 | 1 |
| Ngorora 13 | Kenya | 2 | MN6 | 1 |
| Ramangar | India | 26 | MN6 | 1.153846 |
| Beglia | Tunisia | 3 | MN6 | 1.666667 |
| Chaungtha | Burma | 5 | MN6 | 1 |
| Siwaliks Y0725 | Pakistan | 4 | MN6 | 1 |
| Siwaliks Y0710 | Pakistan | 5 | MN6 | 1 |
| Siwaliks Y0698 | Pakistan | 8 | MN6 | 1 |
| Siwaliks Y0699 | Pakistan | 3 | MN6 | 1 |
| Siwaliks Y0716 | Pakistan | 5 | MN6 | 1 |
| Siwaliks Y0489 | Pakistan | 3 | MN6 | 1 |
| Siwaliks Y0060 | Pakistan | 9 | MN6 | 1.111111 |
| Siwaliks Y0667 | Pakistan | 3 | MN6 | 1 |
| Siwaliks Y0714 | Pakistan | 7 | MN6 | 1 |
| Siwaliks Y0675 | Pakistan | 6 | MN6 | 1 |
| Siwaliks Y0630 | Pakistan | 2 | MN6 | 1 |
| Krivoj Rog | Ukraine | 4 | MN7/8 | 1.5 |
| Simpheropol | Ukraine | 2 | MN7/8 | 2.5 |
| Apostolovo (Zheltokamenka) | Ukraine | 2 | MN7/8 | 1 |
| Siwaliks Y0697 | Pakistan | 2 | MN7/8 | 1 |
| Tha Chang sandpits | Thailand | 11 | MN7/8 | 1.454545 |
| Hauskirchen | Austria | 4 | MN7/8 | 1 |
| Nikolsburg | Czech Repu | 2 | MN7/8 | 1.5 |
| Siwaliks Y0695 | Pakistan | 10 | MN7/8 | 1.1 |
| Siwaliks Y0494 | Pakistan | 14 | MN7/8 | 1.142857 |
| Siwaliks Y0496 | Pakistan | 24 | MN7/8 | 1.208333 |
| Siwaliks Y0647 | Pakistan | 18 | MN7/8 | 1.277778 |
| Siwaliks Y0767 | Pakistan | 8 | MN7/8 | 1 |
| Siwaliks Y0772 | Pakistan | 13 | MN7/8 | 1.384615 |
| Siwaliks Y0336 | Pakistan | 3 | MN7/8 | 1 |
| Siwaliks Y0333 | Pakistan | 2 | MN7/8 | 1 |
| Siwaliks Y0841 | Pakistan | 2 | MN7/8 | 1 |
| Damiao 01 | China | 3 | MN7/8 | 1 |
| St. Stefan im Lavanttal | Austria | 4 | MN7/8 | 1 |
| Poudenas-Cayron | France | 9 | MN7/8 | 1 |

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|---|---|---|---|---|
| Saint-Gaudens (Les Pujaments | France | 2 | MN7/8 | 1 |
| St. Gaudens | France | 2 | MN7/8 | 1 |
| Hachan | France | 3 | MN7/8 | 1 |
| P?guilhan | France | 2 | MN7/8 | 1 |
| Saint-Gaudens (Valentine) | France | 11 | MN7/8 | 1 |
| Malartic | France | 6 | MN7/8 | 1.166667 |
| Escanecrabe | France | 2 | MN7/8 | 1 |
| Cassagnab?re | France | 2 | MN7/8 | 1 |
| Coueilles (Baguent) | France | 2 | MN7/8 | 1 |
| Bachas | France | 2 | MN7/8 | 1 |
| Alan (N.D. de Lorette) | France | 2 | MN7/8 | 1 |
| Alan (Pompat) | France | 2 | MN7/8 | 1 |
| Lussan-Adeilhac | France | 2 | MN7/8 | 1 |
| Cerro del Otero | Spain | 3 | MN7/8 | 1 |
| Nombrevilla-2 | Spain | 7 | MN7/8 | 1 |
| Toril 3 | Spain | 3 | MN7/8 | 1.666667 |
| Toril 3A | Spain | 10 | MN7/8 | 1 |
| Toril 3B | Spain | 7 | MN7/8 | 1 |
| Solera | Spain | 2 | MN7/8 | 1 |
| El Buste 3 | Spain | 2 | MN7/8 | 1 |
| La Ciesma 1 | Spain | 3 | MN7/8 | 1 |
| Hostalets de Pierola Inferior | Spain | 16 | MN7/8 | 1 |
| Masquefa | Spain | 4 | MN7/8 | 1 |
| Steinheim | Germany | 15 | MN7/8 | 1.066667 |
| Chiang Muan | Thailand | 9 | MN7/8 | 1 |
| Tha Chang 1 | Thailand | 4 | MN7/8 | 1.25 |
| Minhe-lierbao | China | 4 | MN7/8 | 1.5 |
| Minhe-nanhawangou | China | 4 | MN7/8 | 1.5 |
| Kaiyuan-Xiaolongtan | China | 7 | MN7/8 | 1 |
| Lanzhou-Quantougou | China | 2 | MN7/8 | 1 |
| Lantian-gaopo-64004 | China | 3 | MN7/8 | 1.666667 |
| Lantian-gaopo-64008 | China | 4 | MN7/8 | 1.5 |
| Lintong-lengshuigou | China | 11 | MN7/8 | 1.727273 |
| Petersbuch 6 | Germany | 4 | MN7/8 | 1 |
| Fangxian | China | 5 | MN7/8 | 1.8 |
| Siziwangqi-Damiao | China | 2 | MN7/8 | 1 |
| Tunggur-Moergen | China | 18 | MN7/8 | 1.333333 |
| Xinan | China | 4 | MN7/8 | 1.5 |
| Tunggur- PQ | China | 2 | MN7/8 | 2 |
| Tunggur- DA | China | 5 | MN7/8 | 1.4 |
| Tunggur-WC | China | 9 | MN7/8 | 1.666667 |
| Tunggur- ZH | China | 4 | MN7/8 | 1.5 |
| Tunggur-AC | China | 3 | MN7/8 | 1.666667 |
| Tunggur- MC | China | 5 | MN7/8 | 1.8 |
| Tunggur- MOII | China | 3 | MN7/8 | 1.666667 |
| Tunggur- ALU | China | 7 | MN7/8 | 1.571429 |
| Tunggur- TMS | China | 2 | MN7/8 | 1 |

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|---|---|---|---|---|
| Tunggur- HU | China | 9 | MN7/8 | 1 |
| St. Stephan im Lavanttal | Austria | 4 | MN7/8 | 1 |
| Atzgersdorf (WIEN) | Austria | 2 | MN7/8 | 1 |
| T?rkenschanze (WIEN) | Austria | 2 | MN7/8 | 1 |
| Mannersdorf | Austria | 7 | MN7/8 | 1.428571 |
| Sopron | Hungary | 2 | MN7/8 | 1 |
| Klein Hadersdorf | Austria | 7 | MN7/8 | 1.142857 |
| Przeworno 2 | Poland | 6 | MN7/8 | 1 |
| Opole 2 | Poland | 3 | MN7/8 | 1 |
| Can Feliu | Spain | 7 | MN7/8 | 1 |
| Sant Quirze | Spain | 19 | MN7/8 | 1 |
| Can Almirall | Spain | 5 | MN7/8 | 1 |
| Escobosa de Calata?azor | Spain | 2 | MN7/8 | 1 |
| Felsot?rk?ny (G?d?r-kert) | Hungary | 2 | MN7/8 | 1 |
| Serbian lake | Serbia and | 4 | MN7/8 | 1 |
| Minisu de Sus | Romania | 3 | MN7/8 | 1 |
| Pismank?y (Yenidibekkoyu) | Turkey | 2 | MN7/8 | 1 |
| Saricay | Turkey | 6 | MN7/8 | 1.166667 |
| Yenieskihisar | Turkey | 3 | MN7/8 | 2 |
| Yeni Eskihisar 2 | Turkey | 2 | MN7/8 | 2 |
| Yeni Eskihisar 1 | Turkey | 3 | MN7/8 | 2 |
| Aleksandrodar | Ukraine | 2 | MN7/8 | 2 |
| Sofca | Turkey | 14 | MN7/8 | 1.428571 |
| Yaylacilar | Turkey | 4 | MN7/8 | 2 |
| Gebeciler | Turkey | 4 | MN7/8 | 1.5 |
| Lower Sinap | Turkey | 3 | MN7/8 | 1 |
| Coca | Spain | 2 | MN7/8 | 1 |
| La Cisterniga | Spain | 5 | MN7/8 | 1 |
| Kutsaj M | Russia | 4 | MN7/8 | 2 |
| La Grive M | France | 8 | MN7/8 | 1 |
| La Grive L3 | France | 12 | MN7/8 | 1 |
| La Grive L5 | France | 13 | MN7/8 | 1 |
| La Grive L7 | France | 10 | MN7/8 | 1 |
| La Grive PB A | France | 12 | MN7/8 | 1 |
| La Grive St. Alban | France | 18 | MN7/8 | 1.111111 |
| Collet-Redon | France | 5 | MN7/8 | 1.2 |
| Locle | Switzerlanc | 2 | MN7/8 | 1.5 |
| Dera Bugti W | Pakistan | 4 | MN7/8 | 1 |
| Anwil | Switzerlanc | 12 | MN7/8 | 1 |
| Bled Douarah1 | Tunisia | 3 | MN7/8 | 1 |
| Chapf | Switzerlanc | 2 | MN7/8 | 1 |
| Dang Valley | Nepal | 10 | MN7/8 | 1 |
| Junggar-duolebulejin | China | 8 | MN7/8 | 1.75 |
| Junggur_dingshanyanchi | China | 3 | MN7/8 | 1 |
| Helsighausen | Switzerlanc | 7 | MN7/8 | 1 |
| Laichingen | Germany | 2 | MN7/8 | 1 |
| Barranc de Can Vila 1 | Spain | 5 | MN7/8 | 1 |

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| Siwaliks Y0735 | Pakistan | 8 | MN7/8 | 1.25 |
| Siwaliks Y0504 | Pakistan | 19 | MN7/8 | 1.157895 |
| Siwaliks Y0495 | Pakistan | 11 | MN7/8 | 1.181818 |
| Siwaliks Y0061 | Pakistan | 6 | MN7/8 | 1 |
| Siwaliks Y0688 | Pakistan | 2 | MN7/8 | 1 |
| Siwaliks Y0076 | Pakistan | 31 | MN7/8 | 1.16129 |
| Siwaliks Y0253 | Pakistan | 2 | MN7/8 | 2 |
| Can Mata 1 | Spain | 2 | MN7/8 | 1 |
| Siwaliks Y0791 | Pakistan | 2 | MN7/8 | 1 |
| Siwaliks Y0797 | Pakistan | 8 | MN9 | 1 |
| Siwaliks Y0455 | Pakistan | 3 | MN9 | 1 |
| Siwaliks Y0804 | Pakistan | 2 | MN9 | 1 |
| Giggenhausen | Germany | 2 | MN9 | 1 |
| M?nchen | Germany | 2 | MN9 | 1 |
| Grosslappen (Flinz) | Germany | 2 | MN9 | 1 |
| Breitenbrunn | Germany | 3 | MN9 | 1 |
| Massenhausen | Germany | 12 | MN9 | 1 |
| Achldorf | Germany | 3 | MN9 | 1 |
| Can Missert | Spain | 4 | MN9 | 1 |
| Castell de Barber? | Spain | 17 | MN9 | 1.117647 |
| Edeleny | Hungary | 2 | MN9 | 1 |
| Nombrevilla-9 | Spain | 4 | MN9 | 1 |
| Zheltokamenka | Ukraine | 6 | MN9 | 1.333333 |
| Siwaliks Y0643 | Pakistan | 2 | MN9 | 1 |
| Siwaliks Y0779 | Pakistan | 6 | MN9 | 1.5 |
| Grakali | Georgia | 2 | MN9 | 2 |
| Siwaliks Y0334 | Pakistan | 2 | MN9 | 2 |
| Sevastopol (Sebastopol) | Ukraine | 10 | MN9 | 1.6 |
| Siwaliks Y0259 | Pakistan | 11 | MN9 | 1.181818 |
| Siwaliks Y0454 | Pakistan | 10 | MN9 | 1.2 |
| Siwaliks Y0550 | Pakistan | 2 | MN9 | 2 |
| Siwaliks Y0537 | Pakistan | 3 | MN9 | 1 |
| Bou Hanifia | Algeria | 12 | MN9 | 1.5 |
| Dou?-la-Fontaine | France | 3 | MN9 | 1 |
| Bonnefont | France | 3 | MN9 | 1 |
| Trie-sur-Ba?se | France | 3 | MN9 | 1 |
| Esvres - Upper Faluns | France | 6 | MN9 | 1.333333 |
| Masia de la Roma 2 | Spain | 2 | MN9 | 2 |
| Nombrevilla-1 | Spain | 8 | MN9 | 1.25 |
| Nombrevilla | Spain | 10 | MN9 | 1.2 |
| Pedregueras 2A | Spain | 2 | MN9 | 3 |
| Ballestar | Spain | 13 | MN9 | 1.153846 |
| Teuleria del Firal | Spain | 13 | MN9 | 1.230769 |
| Seu d'Urgell | Spain | 2 | MN9 | 1 |
| Hostalets de Pierola Superior | Spain | 11 | MN9 | 1.181818 |
| Das | Spain | 4 | MN9 | 1 |
| Molina de Arag?n | Spain | 3 | MN9 | 1.666667 |

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| Estevar | France | 6 | MN9 | 1.5 |
| Hammerschmiede | Germany | 3 | MN9 | 1 |
| Dongxiang-wangji | China | 2 | MN9 | 3 |
| Guonigou | China | 7 | MN9 | 2.571429 |
| Zhongning-ganhegou | China | 3 | MN9 | 2.333333 |
| Wuzhong-ganhegou | China | 4 | MN9 | 1.75 |
| Lantian-12 | China | 5 | MN9 | 2.2 |
| Petersbuch 14 | Germany | 3 | MN9 | 1 |
| Oberf?hring | Germany | 2 | MN9 | 1 |
| Wartenberg | Germany | 9 | MN9 | 1.111111 |
| Amuwusu | China | 3 | MN9 | 1 |
| Hinterauerbach | Germany | 3 | MN9 | 1 |
| Breitenfeld | Austria | 2 | MN9 | 1 |
| Oberhollabrunn | Austria | 3 | MN9 | 1 |
| Mariathal | Austria | 2 | MN9 | 2 |
| V?sendorf | Austria | 8 | MN9 | 1.25 |
| Inzersdorf | Austria | 2 | MN9 | 2 |
| Laaerberg | Austria | 3 | MN9 | 1.666667 |
| Himberg | Austria | 2 | MN9 | 1 |
| Mistelbach | Austria | 3 | MN9 | 1 |
| Atzelsdorf | Austria | 14 | MN9 | 1.142857 |
| G?tzendorf | Austria | 6 | MN9 | 1.333333 |
| Gaiselberg | Austria | 6 | MN9 | 1.333333 |
| Creu Conill 20 | Spain | 6 | MN9 | 1.333333 |
| Creu Conill 22 | Spain | 2 | MN9 | 2 |
| Subsol de Sabadell | Spain | 11 | MN9 | 1.272727 |
| Can Ponsic I | Spain | 19 | MN9 | 1.157895 |
| Can Poncic | Spain | 10 | MN9 | 1 |
| Santiga (Sabadell) | Spain | 13 | MN9 | 1.153846 |
| EDAR8 | Spain | 5 | MN9 | 1.4 |
| Polin?a 2 | Spain | 5 | MN9 | 1.4 |
| Arapli (Igdebaglar) | Turkey | 3 | MN9 | 1.666667 |
| Draxeni | Moldova | 4 | MN9 | 1.5 |
| Buzhor 2 | Moldova | 4 | MN9 | 1.5 |
| Buzhor 1 | Moldova | 7 | MN9 | 1.571429 |
| Po?ta Veche | Moldova | 2 | MN9 | 2 |
| Isakovo | Moldova | 5 | MN9 | 1.4 |
| Lapushna | Moldova | 3 | MN9 | 1 |
| Pruncul | Moldova | 2 | MN9 | 2 |
| Ghidighici | Moldova | 2 | MN9 | 2 |
| Ialoveni | Moldova | 2 | MN9 | 2 |
| Atavaska | Moldova | 6 | MN9 | 1.333333 |
| Visterniceni | Moldova | 2 | MN9 | 2 |
| Kishinev | Moldova | 2 | MN9 | 2 |
| Varnitsa | Moldova | 8 | MN9 | 1.5 |
| Esme Ak?ak?y | Turkey | 8 | MN9 | 1.125 |
| Kalfa | Moldova | 13 | MN9 | 1.153846 |

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| Sinap 14 | Turkey | 2 | MN9 | 2.5 |
| Los Valles de Fuentidue?a | Spain | 9 | MN9 | 1.222222 |
| El Lugarejo | Spain | 3 | MN9 | 1.666667 |
| Priay II | France | 3 | MN9 | 1 |
| Afoud 6 | Morocco | 2 | MN9 | 2 |
| Charmoille | Switzerlanc | 13 | MN9 | 1.230769 |
| Nebelbergweg | Switzerlanc | 2 | MN9 | 1 |
| Kulanutpes | Kazakhstan | 6 | MN9 | 1.666667 |
| Dinotheriensande | Germany | 5 | MN9 | 1 |
| Wissberg | Germany | 17 | MN9 | 1 |
| Gau-Weinheim | Germany | 6 | MN9 | 1.166667 |
| Bermersheim | Germany | 4 | MN9 | 1 |
| Esselborn | Germany | 11 | MN9 | 1.090909 |
| Westhofen | Germany | 6 | MN9 | 1 |
| H?wenegg | Germany | 5 | MN9 | 1.4 |
| Azambujeira inf. | Portugal | 3 | MN9 | 1 |
| Aveiras de Baixo | Portugal | 2 | MN9 | 1 |
| Eppelsheim | Germany | 21 | MN9 | 1.190476 |
| Melchingen | Germany | 4 | MN9 | 1.25 |
| Oshin-II-5 upper | Mongolia | 8 | MN9 | 2.375 |
| Qaidam-Tuosu | China | 11 | MN9 | 2 |
| Sop Mae Tham | Thailand | 6 | MN9 | 1.333333 |
| Siwaliks Y0254 | Pakistan | 5 | MN9 | 1.4 |
| Sinap 4 | Turkey | 6 | MN9 | 1.5 |
| Sinap 94 | Turkey | 6 | MN9 | 1.5 |
| Sinap 108 | Turkey | 5 | MN9 | 2.2 |
| Sinap 72 | Turkey | 7 | MN9 | 2 |
| Sinap 88 | Turkey | 3 | MN9 | 3 |
| Sinap 114 | Turkey | 2 | MN9 | 2 |
| Sinap 91 | Turkey | 6 | MN9 | 2 |
| Siwaliks Y0395 | Pakistan | 10 | MN9 | 1.2 |
| Siwaliks Y0536 | Pakistan | 2 | MN9 | 3 |
| Siwaliks Y0572 | Pakistan | 6 | MN9 | 1.666667 |
| Siwaliks Y0728 | Pakistan | 6 | MN9 | 1.333333 |
| Siwaliks Y0729 | Pakistan | 2 | MN9 | 2 |
| Beticha | Ethiopia | 6 | MN9 | 1.666667 |
| Siwaliks L0094 | Pakistan | 6 | MN9 | 1.333333 |
| Siwaliks Y0450 | Pakistan | 19 | MN9 | 1.526316 |
| Monteagudo (Vallesian) | Spain | 5 | MN9 | 1.6 |
| La Ciesma 3 | Spain | 2 | MN9 | 1 |
| Sant Miquel de Taudell | Spain | 12 | MN9 | 1.25 |
| Lantian-shuijiazui-L1(s5) | China | 7 | MN9 | 2 |
| Lantian-shuijiazui-L4(s6) | China | 5 | MN9 | 2 |
| Lantian-shuijiazui-s4 | China | 5 | MN9 | 2.4 |
| Lantian-Shuijiazui | China | 11 | MN9 | 2.090909 |
| Damiao 02 | China | 3 | MN9 | 1 |
| Wien 12 | Austria | 2 | MN9 | 1 |

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| Wien 10 | Austria | 2 | MN9 | 1 |
| Wien 3 | Austria | 2 | MN9 | 1 |
| Wien-Belvedere | Austria | 3 | MN9 | 1 |
| Zistersdorf | Austria | 2 | MN9 | 1 |
| S?meg | Hungary | 2 | MN9 | 3 |
| Pentalophos 1 (PNT) | Greece | 15 | MN9 | 1.533333 |
| Tasocagi mevkii | Turkey | 3 | MN9 | 2.333333 |
| Eskisubasi 2 | Turkey | 2 | MN9 | 2 |
| Oued Mya 1 | Algeria | 2 | MN9 | 1.5 |
| In?n? 2 | Turkey | 3 | MN9 | 2 |
| Sinap 45 | Turkey | 3 | MN9 | 1.666667 |
| Middle Sinap | Turkey | 8 | MN9 | 1.375 |
| Sinap 40 | Turkey | 2 | MN9 | 2.5 |
| Sinap 51 | Turkey | 5 | MN9 | 1.6 |
| Turme | Kazakhstan | 2 | MN9 | 2 |
| Siwaliks Y0258 | Pakistan | 12 | MN9 | 1.666667 |
| Siwaliks Y0596 | Pakistan | 6 | MN9 | 1.333333 |
| Siwaliks Y0252 | Pakistan | 4 | MN9 | 2 |
| Siwaliks Y0311 | Pakistan | 31 | MN9 | 1.354839 |
| Siwaliks Y0248 | Pakistan | 3 | MN9 | 2.333333 |
| Siwaliks Y0251 | Pakistan | 14 | MN9 | 1.571429 |
| Siwaliks Y0493 | Pakistan | 3 | MN9 | 1 |
| Rudab?nya | Hungary | 18 | MN9 | 1.222222 |
| Siwaliks Y0870 | Pakistan | 2 | MN10 | 2 |
| Siwaliks Y0288 | Pakistan | 3 | MN10 | 1.666667 |
| Ngorora | Kenya | 9 | MN10 | 1.444444 |
| Nakali | Kenya | 17 | MN10 | 1.529412 |
| Siwaliks Y0246 | Pakistan | 4 | MN10 | 1.5 |
| Siwaliks Y0249 | Pakistan | 2 | MN10 | 2 |
| Siwaliks Y0874 | Pakistan | 2 | MN10 | 2.5 |
| Siwaliks Y0285 | Pakistan | 6 | MN10 | 1.666667 |
| Siwaliks Y0284 | Pakistan | 2 | MN10 | 2 |
| Siwaliks Y0286 | Pakistan | 3 | MN10 | 3 |
| Siwaliks Y0287 | Pakistan | 3 | MN10 | 1.666667 |
| Sinap 8A | Turkey | 2 | MN10 | 2 |
| Sinap 8B | Turkey | 4 | MN10 | 2.5 |
| Siwaliks Y0411 | Pakistan | 2 | MN10 | 3 |
| Siwaliks Y0875 | Pakistan | 3 | MN10 | 1.666667 |
| Akin | Turkey | 6 | MN10 | 2 |
| Salmendingen | Germany | 4 | MN10 | 1.25 |
| Siwaliks Y0579 | Pakistan | 3 | MN10 | 1.666667 |
| Siwaliks Y0580 | Pakistan | 3 | MN10 | 2.333333 |
| Siwaliks Y0337 | Pakistan | 10 | MN10 | 1.4 |
| Siwaliks Y0268 | Pakistan | 2 | MN10 | 2 |
| Siwaliks Y0250 | Pakistan | 5 | MN10 | 1.4 |
| Siwaliks Y0578 | Pakistan | 11 | MN10 | 1.363636 |
| Siwaliks Y0869 | Pakistan | 2 | MN10 | 2 |

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| Siwaliks Y0329 | Pakistan | 7 | MN10 | 1.857143 |
| Siwaliks Y0330 | Pakistan | 10 | MN10 | 1.8 |
| Siwaliks Y0362 | Pakistan | 5 | MN10 | 2.2 |
| Siwaliks Y0893 | Pakistan | 2 | MN10 | 2 |
| Siwaliks Y0261 | Pakistan | 10 | MN10 | 1.4 |
| Sinap 12 | Turkey | 14 | MN10 | 1.928571 |
| Siwaliks Y0426 | Pakistan | 3 | MN10 | 1.666667 |
| Siwaliks Y0896 | Pakistan | 3 | MN10 | 1.666667 |
| Siwaliks Y0236 | Pakistan | 6 | MN10 | 1.666667 |
| Natlismtsemeli I | Georgia | 5 | MN10 | 1.8 |
| Oshin-I-5 upper | Mongolia | 8 | MN10 | 2.125 |
| Siwaliks Y0228 | Pakistan | 4 | MN10 | 1.5 |
| Can Llobateres I | Spain | 22 | MN10 | 1.227273 |
| Siwaliks Y0218 | Pakistan | 3 | MN10 | 2.333333 |
| Siwaliks Y0216 | Pakistan | 6 | MN10 | 2 |
| Siwaliks Y1001 | Pakistan | 2 | MN10 | 2 |
| Siwaliks Y0262 | Pakistan | 12 | MN10 | 1.333333 |
| Siwaliks Y0219 | Pakistan | 2 | MN10 | 2 |
| Xirochori 1 (XIR) | Greece | 6 | MN10 | 1.833333 |
| Sinap 1 | Turkey | 5 | MN10 | 1.4 |
| Siwaliks Y1005 | Pakistan | 2 | MN10 | 1 |
| Siwaliks Y0140 | Pakistan | 4 | MN10 | 1.5 |
| Siwaliks Y0549 | Pakistan | 3 | MN10 | 1.666667 |
| Siwaliks Y0307 | Pakistan | 4 | MN10 | 1.5 |
| Siwaliks Y0270 | Pakistan | 5 | MN10 | 1.4 |
| Siwaliks Y0413 | Pakistan | 4 | MN10 | 1.5 |
| Siwaliks Y0341 | Pakistan | 2 | MN10 | 2 |
| Schwechat | Austria | 2 | MN10 | 2 |
| Prottes | Austria | 2 | MN10 | 2 |
| Siwaliks Y0269 | Pakistan | 14 | MN10 | 1.571429 |
| Siwaliks Y0350 | Pakistan | 11 | MN10 | 1.545455 |
| Siwaliks Y0365 | Pakistan | 3 | MN10 | 2.333333 |
| Siwaliks Y0160 | Pakistan | 6 | MN10 | 1.666667 |
| Siwaliks Y0161 | Pakistan | 6 | MN10 | 1.333333 |
| Siwaliks Y0213 | Pakistan | 4 | MN10 | 1.5 |
| Siwaliks Y0224 | Pakistan | 9 | MN10 | 1.666667 |
| Siwaliks Y0225 | Pakistan | 8 | MN10 | 1.5 |
| Siwaliks Y0227 | Pakistan | 18 | MN10 | 1.444444 |
| Siwaliks Y0309 | Pakistan | 11 | MN10 | 1.545455 |
| Siwaliks Y0410 | Pakistan | 2 | MN10 | 1 |
| Siwaliks Y0163 | Pakistan | 3 | MN10 | 1.666667 |
| Siwaliks Y0312 | Pakistan | 8 | MN10 | 1.75 |
| La Tarumba I | Spain | 11 | MN10 | 1.272727 |
| Sinap 83 | Turkey | 2 | MN10 | 1 |
| Siwaliks Y0159 | Pakistan | 4 | MN10 | 2 |
| Siwaliks Y0209 | Pakistan | 3 | MN10 | 1.666667 |
| Siwaliks Y0328 | Pakistan | 8 | MN10 | 1.5 |

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| Siwaliks Y0150 | Pakistan | 3 | MN10 | 1.666667 |
| Siwaliks Y0195 | Pakistan | 2 | MN10 | 3 |
| Siwaliks Y0245 | Pakistan | 3 | MN10 | 1.666667 |
| Siwaliks Y0880 | Pakistan | 3 | MN10 | 1 |
| Siwaliks Y0226 | Pakistan | 7 | MN10 | 1.571429 |
| Siwaliks Y0315 | Pakistan | 5 | MN10 | 1.4 |
| Siwaliks Y0359 | Pakistan | 6 | MN10 | 1.666667 |
| Siwaliks Y0221 | Pakistan | 13 | MN10 | 1.615385 |
| Siwaliks Y0207 | Pakistan | 6 | MN10 | 1.666667 |
| Siwaliks Y0212 | Pakistan | 7 | MN10 | 1.571429 |
| Siwaliks Y0310 | Pakistan | 19 | MN10 | 1.526316 |
| Siwaliks Y0416 | Pakistan | 2 | MN10 | 2 |
| Siwaliks Y0206 | Pakistan | 2 | MN10 | 2 |
| Siwaliks Y0223 | Pakistan | 2 | MN10 | 2 |
| Siwaliks Y0242 | Pakistan | 3 | MN10 | 1.666667 |
| Siwaliks Y0313 | Pakistan | 4 | MN10 | 2 |
| Siwaliks Y0316 | Pakistan | 5 | MN10 | 1.8 |
| Siwaliks Y0318 | Pakistan | 4 | MN10 | 1.5 |
| Siwaliks Y0255 | Pakistan | 4 | MN10 | 2.5 |
| Orignac | France | 3 | MN10 | 1.333333 |
| La Cantera | Spain | 3 | MN10 | 1.666667 |
| La Roma 2 | Spain | 11 | MN10 | 1.727273 |
| Masia de La Roma 604B | Spain | 2 | MN10 | 2 |
| Mas?a del Barbo 2A | Spain | 2 | MN10 | 2.5 |
| Mas?a del Barbo 2B | Spain | 5 | MN10 | 1.6 |
| La Salle | Spain | 2 | MN10 | 2 |
| Can Trull?s | Spain | 2 | MN10 | 1.5 |
| Can Purull | Spain | 13 | MN10 | 1.307692 |
| Guanghe-houshancun | China | 12 | MN10 | 1.916667 |
| Guanghe-sigou | China | 6 | MN10 | 1.5 |
| Hezheng-Dashengou | China | 27 | MN10 | 1.777778 |
| Fugu-Laogaochuan-lamagou | China | 14 | MN10 | 1.785714 |
| Fugu-Laogaochuan-wangdaful | China | 7 | MN10 | 2 |
| Schernham b. Haag | Austria | 4 | MN10 | 1.5 |
| Stratzing | Austria | 3 | MN10 | 1.666667 |
| Terrassa | Spain | 16 | MN10 | 1.3125 |
| Ravin des Zouaves 1 | Greece | 6 | MN10 | 2.166667 |
| Nikiti 1 (NKT) | Greece | 12 | MN10 | 1.75 |
| Dr?gu?eni | Moldova | 4 | MN10 | 2.25 |
| Yulafli (CY) | Turkey | 11 | MN10 | 1.272727 |
| Respopeny | Moldova | 8 | MN10 | 1.625 |
| Poksheshty | Moldova | 8 | MN10 | 1.875 |
| Tiraspol (Kolkotova Balka) | Moldova | 4 | MN10 | 1.5 |
| Grebeniki | Ukraine | 16 | MN10 | 1.625 |
| Montredon | France | 11 | MN10 | 1.545455 |
| Cerro de los Batallones 1 | Spain | 6 | MN10 | 1.333333 |
| Cerro de los Batallones 3 | Spain | 3 | MN10 | 1.666667 |

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| Grossulovo | Ukraine | 5 | MN10 | 1.8 |
| Novoukrainka | Ukraine | 3 | MN10 | 1.666667 |
| Berislav | Ukraine | 3 | MN10 | 1.333333 |
| Samburu Hills (Namurungule) | Kenya | 18 | MN10 | 1.777778 |
| Croix-Rousse | France | 2 | MN10 | 1 |
| Eldari I | Georgia | 19 | MN10 | 1.631579 |
| Soblay | France | 4 | MN10 | 1.75 |
| Sherullah 9 | Afghanistar | 2 | MN10 | 2 |
| Siwaliks Y0403 | Pakistan | 4 | MN10 | 1.5 |
| Botamojnak | Kazakhstan | 9 | MN10 | 2 |
| Biru-Bulong | China | 4 | MN10 | 2.25 |
| Magway | Burma | 10 | MN10 | 1.2 |
| Siwaliks Y0229 | Pakistan | 3 | MN10 | 1.666667 |
| Siwaliks Y0231 | Pakistan | 3 | MN10 | 2.333333 |
| Siwaliks Y0314 | Pakistan | 12 | MN10 | 1.333333 |
| Siwaliks Y0385 | Pakistan | 2 | MN10 | 1 |
| Siwaliks Y0240 | Pakistan | 5 | MN10 | 2.2 |
| Siwaliks Y0211 | Pakistan | 18 | MN10 | 1.555556 |
| Siwaliks Y1006 | Pakistan | 2 | MN10 | 1 |
| Siwaliks Y0631 | Pakistan | 5 | MN10 | 1.8 |
| Siwaliks Y0439 | Pakistan | 3 | MN10 | 1.666667 |
| Siwaliks Y0191 | Pakistan | 8 | MN10 | 1.5 |
| Siwaliks Y0239 | Pakistan | 6 | MN10 | 1.333333 |
| Siwaliks Y0238 | Pakistan | 3 | MN10 | 2.333333 |
| Siwaliks Y0260 | Pakistan | 12 | MN10 | 1.666667 |
| Siwaliks Y0414 | Pakistan | 2 | MN10 | 2 |
| Siwaliks Y0471 | Pakistan | 2 | MN10 | 1 |
| Siwaliks Y0997 | Pakistan | 2 | MN10 | 2 |
| Siwaliks Y0466 | Pakistan | 4 | MN10 | 2 |
| Siwaliks Y0358 | Pakistan | 2 | MN10 | 2 |
| Siwaliks Y0327 | Pakistan | 7 | MN10 | 1.571429 |
| Siwaliks Y0409 | Pakistan | 3 | MN10 | 1.666667 |
| Siwaliks Y0418 | Pakistan | 2 | MN10 | 2 |
| Siwaliks Y0317 | Pakistan | 19 | MN10 | 1.526316 |
| Siwaliks Y0137 | Pakistan | 3 | MN10 | 2.333333 |
| Siwaliks Y0243 | Pakistan | 9 | MN10 | 1.666667 |
| Siwaliks Y0984 | Pakistan | 2 | MN10 | 2 |
| Siwaliks Y0182 | Pakistan | 22 | MN10 | 1.363636 |
| Incirlikdere | Turkey | 4 | MN10 | 2.25 |
| Sargi yeri | Turkey | 2 | MN10 | 2 |
| Akcak?y (1-6) | Turkey | 12 | MN10 | 1.333333 |
| Harmancik | Turkey | 3 | MN10 | 2.666667 |
| Selcik | Turkey | 3 | MN10 | 2 |
| Albertine 6 | Uganda | 4 | MN10 | 2.5 |
| Tokmacik | Turkey | 2 | MN10 | 2.5 |
| Sinap 95 | Turkey | 2 | MN10 | 2 |
| Sinap 58 | Turkey | 2 | MN10 | 2 |

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| Sinap 50 | Turkey | 2 | MN10 | 3 |
| Yuksekli | Turkey | 3 | MN10 | 2 |
| Mahmutlu | Turkey | 4 | MN10 | 1.5 |
| Yeniyaylacik | Turkey | 2 | MN10 | 1 |
| Yemliha | Turkey | 2 | MN10 | 2.5 |
| Ngeringerowa 1/1003 | Kenya | 7 | MN10 | 1.285714 |
| Ngorora 9 | Kenya | 5 | MN10 | 1.8 |
| Ngorora 12 | Kenya | 5 | MN10 | 1.6 |
| Haritalyangar | India | 7 | MN10 | 1.285714 |
| Piram Island | India | 3 | MN10 | 1 |
| N885 | Niger | 2 | MN10 | 1 |
| Butwal | Nepal | 3 | MN10 | 1.666667 |
| Tinau khola | Nepal | 2 | MN10 | 1 |
| Karabulak svita | Kazakhstan | 10 | MN10 | 2.1 |
| Ravin de la Pluie (RPL) | Greece | 13 | MN10 | 1.692308 |
| Sinap 49 | Turkey | 17 | MN10 | 1.588235 |
| Udabno II | Georgia | 5 | MN10 | 1.8 |
| Siwaliks Y0448 | Pakistan | 3 | MN10 | 2.333333 |
| Siwaliks Y0152 | Pakistan | 2 | MN10 | 3 |
| Siwaliks Y0208 | Pakistan | 2 | MN10 | 2 |
| Siwaliks Y0210 | Pakistan | 2 | MN10 | 2 |
| Builstyn Khudag | Mongolia | 2 | MN10 | 2 |
| Siwaliks Y0321 | Pakistan | 2 | MN10 | 2 |
| Siwaliks Y0324 | Pakistan | 6 | MN10 | 1.833333 |
| Siwaliks Y0326 | Pakistan | 3 | MN10 | 1.666667 |
| Siwaliks Y0401 | Pakistan | 2 | MN10 | 1 |
| Arkneti | Georgia | 4 | MN10 | 1.5 |
| Siwaliks Y0366 | Pakistan | 2 | MN10 | 2 |
| Siwaliks Y0367 | Pakistan | 2 | MN10 | 1 |
| Siwaliks Y0323 | Pakistan | 2 | MN10 | 2 |
| Siwaliks Y0205 | Pakistan | 3 | MN10 | 1.666667 |
| Siwaliks Y0320 | Pakistan | 4 | MN10 | 2 |
| Siwaliks Y0193 | Pakistan | 7 | MN10 | 1.285714 |
| Siwaliks Y0194 | Pakistan | 4 | MN10 | 2 |
| Siwaliks Y0196 | Pakistan | 9 | MN10 | 1.888889 |
| Siwaliks Y0197 | Pakistan | 3 | MN10 | 1.666667 |
| Siwaliks Y0322 | Pakistan | 3 | MN11 | 2.333333 |
| Siwaliks Y0406 | Pakistan | 8 | MN11 | 1.75 |
| Siwaliks Y0476 | Pakistan | 3 | MN11 | 2.333333 |
| Siwaliks Y0325 | Pakistan | 3 | MN11 | 2.333333 |
| Siwaliks Y0449 | Pakistan | 3 | MN11 | 1 |
| Novaja Emetovka | Ukraine | 15 | MN11 | 1.866667 |
| Sinap 63 | Turkey | 4 | MN11 | 2.5 |
| Siwaliks Y1008 | Pakistan | 4 | MN11 | 2 |
| Siwaliks Y0980 | Pakistan | 10 | MN11 | 1.6 |
| Siwaliks Y0396 | Pakistan | 2 | MN11 | 2 |
| Siwaliks Y0415 | Pakistan | 3 | MN11 | 1.666667 |

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| Siwaliks Y0143 | Pakistan | 2 | MN11 | 2 |
| Siwaliks ML006 | Pakistan | 2 | MN11 | 2 |
| Siwaliks Y0398 | Pakistan | 2 | MN11 | 2 |
| Siwaliks Y0609 | Pakistan | 5 | MN11 | 1.4 |
| Siwaliks B0115 | Pakistan | 2 | MN11 | 1 |
| Siwaliks Y0469 | Pakistan | 2 | MN11 | 2 |
| Siwaliks Y0470 | Pakistan | 3 | MN11 | 1.666667 |
| Siwaliks Y0165 | Pakistan | 2 | MN11 | 2 |
| Siwaliks Y0166 | Pakistan | 10 | MN11 | 1.2 |
| Siwaliks Y0178 | Pakistan | 2 | MN11 | 2 |
| Udabno I | Georgia | 9 | MN11 | 1.555556 |
| Siwaliks Y0388 | Pakistan | 4 | MN11 | 1.5 |
| Siwaliks Y0891 | Pakistan | 6 | MN11 | 1.333333 |
| Siwaliks Y0360 | Pakistan | 2 | MN11 | 2 |
| Siwaliks Y0158 | Pakistan | 8 | MN11 | 1.5 |
| Siwaliks Y0544 | Pakistan | 3 | MN11 | 1.666667 |
| Siwaliks ML005 | Pakistan | 4 | MN11 | 1.5 |
| Siwaliks Y0169 | Pakistan | 2 | MN11 | 2 |
| Siwaliks Y0407 | Pakistan | 2 | MN11 | 1 |
| Siwaliks Y0445 | Pakistan | 5 | MN11 | 1.4 |
| Siwaliks Y0981 | Pakistan | 7 | MN11 | 1.571429 |
| Crevillente 2 | Spain | 11 | MN11 | 1.272727 |
| Peralejos D | Spain | 2 | MN11 | 2 |
| Vivero de Pinos | Spain | 4 | MN11 | 1.5 |
| Puente Minero | Spain | 9 | MN11 | 1.555556 |
| Piera | Spain | 10 | MN11 | 1.3 |
| Hezheng-wangjiashan | China | 2 | MN11 | 1 |
| Yangjiashan | China | 11 | MN11 | 1.545455 |
| Lantian-30 | China | 3 | MN11 | 2.666667 |
| Baccinello V0 | Italy | 2 | MN11 | 2 |
| Kohfidisch | Austria | 10 | MN11 | 1.3 |
| Csakvar | Hungary | 10 | MN11 | 1.5 |
| Ravin des Zouaves 5 | Greece | 19 | MN11 | 1.736842 |
| Kocherinovo 1 | Bulgaria | 5 | MN11 | 2 |
| Kocherinovo 2 | Bulgaria | 7 | MN11 | 1.857143 |
| Strumyani 1 | Bulgaria | 6 | MN11 | 2.333333 |
| Kalimanci 1 | Bulgaria | 10 | MN11 | 1.9 |
| Strumyani 2 | Bulgaria | 8 | MN11 | 2 |
| Nikiti 2 (NIK) | Greece | 10 | MN11 | 1.9 |
| Sabuncubaglari 1 | Turkey | 3 | MN11 | 1.666667 |
| K???k?ekmece | Turkey | 16 | MN11 | 1.4375 |
| Garkin | Turkey | 10 | MN11 | 1.7 |
| Kayadibi | Turkey | 12 | MN11 | 1.416667 |
| Eminova | Turkey | 3 | MN11 | 2 |
| Kayadibi 3 | Turkey | 3 | MN11 | 1.666667 |
| Bala Yaylak?y | Turkey | 10 | MN11 | 1.4 |
| Karacahasan | Turkey | 13 | MN11 | 1.846154 |

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|---|---|---|---|---|
| Aubignas 1 | France | 2 | MN11 | 3 |
| Injana | Iraq | 16 | MN11 | 1.5625 |
| Maragheh (MMTT 36) | Iran | 2 | MN11 | 2.5 |
| Maragheh (MMTT 41) | Iran | 5 | MN11 | 2 |
| Maragheh (MMTT 44) | Iran | 4 | MN11 | 2 |
| Lower Maragheh | Iran | 8 | MN11 | 2 |
| Taghar | Afghanistar | 6 | MN11 | 1.833333 |
| Darayaspoon | Tajikistan | 4 | MN11 | 2 |
| Dzhuanaryk | Kyrgyzstan | 10 | MN11 | 1.7 |
| Dorn D?rkheim 1 | Germany | 18 | MN11 | 1.222222 |
| Altan-Teli | Mongolia | 15 | MN11 | 2.333333 |
| Qaidam-shenggou | China | 7 | MN11 | 1.857143 |
| Siwaliks Y0156 | Pakistan | 2 | MN11 | 2 |
| Bel'dersaj lower | Uzbekistan | 3 | MN11 | 2.333333 |
| Natlismtsemeli II | Georgia | 2 | MN11 | 2.5 |
| Eldari II & III | Georgia | 3 | MN11 | 2.333333 |
| Siwaliks Y0444 | Pakistan | 3 | MN11 | 1.666667 |
| Siwaliks Y0460 | Pakistan | 2 | MN11 | 1 |
| Siwaliks Y0461 | Pakistan | 3 | MN11 | 1.666667 |
| Siwaliks Y0441 | Pakistan | 3 | MN11 | 1.666667 |
| Siwaliks Y0604 | Pakistan | 9 | MN11 | 1.444444 |
| Siwaliks Y0608 | Pakistan | 5 | MN11 | 1.4 |
| Kujalnitskij liman | Ukraine | 8 | MN11 | 1.875 |
| Dzedzvtakhevi | Georgia | 7 | MN11 | 1.428571 |
| Eldari | Azerbaijan | 9 | MN11 | 1.666667 |
| Siwaliks Y0199 | Pakistan | 4 | MN11 | 2 |
| Siwaliks Y0200 | Pakistan | 2 | MN11 | 2 |
| Siwaliks Y0201 | Pakistan | 2 | MN11 | 3 |
| Siwaliks Y0203 | Pakistan | 3 | MN11 | 1.666667 |
| Siwaliks Y0204 | Pakistan | 3 | MN11 | 2.333333 |
| Siwaliks Y0603 | Pakistan | 2 | MN11 | 2 |
| Saty lower | Kazakhstan | 3 | MN11 | 1 |
| Siwaliks Y0443 | Pakistan | 2 | MN11 | 2 |
| Siwaliks Y0155 | Pakistan | 3 | MN11 | 2.333333 |
| Hangmon | Vietnam | 4 | MN11 | 1.5 |
| Domuzdere | Turkey | 2 | MN11 | 1 |
| Akcayir (1:2:3) | Turkey | 2 | MN11 | 2 |
| Pichugino | Ukraine | 2 | MN11 | 1.5 |
| Cevril 1 | Turkey | 4 | MN11 | 2 |
| Siwaliks Y0535 | Pakistan | 7 | MN11 | 1.285714 |
| Siwaliks Y0174 | Pakistan | 8 | MN11 | 1.75 |
| Siwaliks Y0100 | Pakistan | 2 | MN11 | 2 |
| Siwaliks Y0004 | Pakistan | 3 | MN11 | 2.333333 |
| Siwaliks Y0030 | Pakistan | 2 | MN11 | 3 |
| Sinap 34 | Turkey | 4 | MN11 | 2.25 |
| Bahe | China | 16 | MN11 | 1.9375 |
| Musak?y | Turkey | 4 | MN11 | 2 |

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|---|---|---|---|---|
| Chobruchi (Tchobroutchi) | Moldova | 15 | MN11 | 1.666667 |
| Asagicigil 2 | Turkey | 3 | MN11 | 2.333333 |
| Karacay | Turkey | 3 | MN11 | 1.666667 |
| Yigitlerkoy 1 (Turbe Tepe) | Turkey | 2 | MN11 | 2.5 |
| Yigitlerkoy 2 | Turkey | 2 | MN11 | 2.5 |
| Hayranli 1 | Turkey | 2 | MN11 | 3 |
| Sarihasan | Turkey | 4 | MN11 | 1.5 |
| Haliminhani 4 | Turkey | 4 | MN11 | 2 |
| Haliminhani 1 | Turkey | 2 | MN11 | 2.5 |
| Siwaliks Y0028 | Pakistan | 12 | MN11 | 1.5 |
| Siwaliks Y0113 | Pakistan | 4 | MN11 | 1.5 |
| Siwaliks Y0119 | Pakistan | 2 | MN11 | 2 |
| Siwaliks Y0005 | Pakistan | 2 | MN11 | 2 |
| Siwaliks Y0390 | Pakistan | 2 | MN11 | 2 |
| Siwaliks Y0391 | Pakistan | 5 | MN11 | 1.8 |
| Siwaliks Y0002 | Pakistan | 2 | MN11 | 3 |
| Siwaliks Y0007 | Pakistan | 4 | MN11 | 1.5 |
| Siwaliks Y0168 | Pakistan | 3 | MN11 | 2.333333 |
| Qinan-Chenggoucun | China | 4 | MN11 | 2 |
| Servia | Greece | 4 | MN11 | 1.5 |
| Triada | Greece | 4 | MN11 | 1.75 |
| Tanagra | Greece | 5 | MN11 | 2.2 |
| Ciceklik?y | Turkey | 2 | MN11 | 2.5 |
| Rhodes | Greece | 4 | MN11 | 2.25 |
| G?kdere | Turkey | 2 | MN11 | 2.5 |
| Basbereket | Turkey | 3 | MN11 | 2.333333 |
| Dadasun 1 | Turkey | 4 | MN11 | 2 |
| Mancusun (Yesilyurt) | Turkey | 2 | MN11 | 2 |
| Ashut | Kazakhstan | 2 | MN11 | 1 |
| Zinda pir 4 | Pakistan | 9 | MN11 | 1.666667 |
| Djebel Krechem el Artsouma | Tunisia | 10 | MN11 | 1.7 |
| Irrawaddy 1 | Burma | 20 | MN11 | 1.35 |
| Tebingan | Burma | 2 | MN11 | 1 |
| Siwaliks Y0172 | Pakistan | 2 | MN11 | 2 |
| Siwaliks Y0173 | Pakistan | 3 | MN11 | 1.666667 |
| Olukbasi | Turkey | 2 | MN11 | 2.5 |
| Maragheh (MMTT 18) | Iran | 4 | MN11 | 2.25 |
| Siwaliks Y0901 | Pakistan | 2 | MN11 | 3 |
| Siwaliks Y0014 | Pakistan | 3 | MN11 | 2.333333 |
| Siwaliks Y0176 | Pakistan | 5 | MN11 | 1.4 |
| Siwaliks Y0214 | Pakistan | 3 | MN11 | 2.333333 |
| Siwaliks B0040 | Pakistan | 2 | MN11 | 1 |
| Siwaliks Y0034 | Pakistan | 5 | MN11 | 1.8 |
| Siwaliks Y0035 | Pakistan | 4 | MN11 | 1.5 |
| Siwaliks Y0036 | Pakistan | 4 | MN11 | 1.5 |
| Siwaliks Y0024 | Pakistan | 14 | MN11 | 1.714286 |
| Siwaliks Y0006 | Pakistan | 2 | MN11 | 2 |

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| Siwaliks B0103 | Pakistan | 2 | MN11 | 1 |
| Siwaliks B0106 | Pakistan | 2 | MN11 | 1 |
| Siwaliks Y0577 | Pakistan | 2 | MN11 | 1 |
| Siwaliks Y0018 | Pakistan | 2 | MN11 | 2 |
| Siwaliks Y0605 | Pakistan | 4 | MN11 | 1.5 |
| Monte Bamboli | Italy | 4 | MN11 | 1.5 |
| Baccinello V1 | Italy | 5 | MN11 | 2 |
| Kerassia | Greece | 5 | MN11 | 1.4 |
| Kerassia 1 | Greece | 9 | MN11 | 1.666667 |
| Kerassia 3 | Greece | 3 | MN11 | 2 |
| Kerassia 4 | Greece | 7 | MN11 | 1.857143 |
| Kerassia 5 | Greece | 2 | MN11 | 2.5 |
| Gorna Susica | Bulgaria | 7 | MN11 | 1.714286 |
| Kalimanci 3 | Bulgaria | 6 | MN11 | 1.666667 |
| Pyrgos Vassilissis | Greece | 8 | MN11 | 1.5 |
| Keltepeler 2 | Turkey | 2 | MN11 | 1.5 |
| Batakcesme | Turkey | 2 | MN11 | 2 |
| C?pk?y | Turkey | 4 | MN11 | 2.25 |
| Eski Bayirk?y | Turkey | 4 | MN11 | 2 |
| Sazak | Turkey | 3 | MN11 | 2 |
| Kemiklitepe 1:2 | Turkey | 14 | MN11 | 2 |
| Mahmutgazi | Turkey | 9 | MN11 | 1.555556 |
| Bayat 1 | Turkey | 2 | MN11 | 2.5 |
| Novo-Elizavetovka | Ukraine | 15 | MN11 | 1.466667 |
| Kurutlu | Turkey | 3 | MN11 | 2.333333 |
| Karain 2 | Turkey | 3 | MN11 | 2.666667 |
| Hayranli Main Bed | Turkey | 10 | MN11 | 1.6 |
| Maragheh | Iran | 34 | MN11 | 1.941176 |
| Khirgis-Nur I-Altan-Teli | Mongolia | 2 | MN11 | 3 |
| Khirgis-Nur II-Altan-Teli | Mongolia | 8 | MN11 | 2.375 |
| Siwaliks Y0171 | Pakistan | 2 | MN11 | 2 |
| Siwaliks Y0539 | Pakistan | 10 | MN11 | 1.6 |
| Siwaliks Y0542 | Pakistan | 5 | MN11 | 1.8 |
| Siwaliks Y0545 | Pakistan | 13 | MN11 | 1.538462 |
| Siwaliks Y0546 | Pakistan | 2 | MN11 | 3 |
| Siwaliks Y0599 | Pakistan | 9 | MN11 | 1.888889 |
| Siwaliks Y0600 | Pakistan | 7 | MN11 | 1.857143 |
| Siwaliks Y0606 | Pakistan | 7 | MN11 | 1.857143 |
| Siwaliks Y0888 | Pakistan | 3 | MN11 | 1.666667 |
| Siwaliks Y0998 | Pakistan | 7 | MN11 | 1.571429 |
| Siwaliks Y0107 | Pakistan | 3 | MN11 | 2.333333 |
| Siwaliks L0071 | Pakistan | 3 | MN11 | 1 |
| Siwaliks L0073 | Pakistan | 3 | MN11 | 1.666667 |
| Siwaliks L0074 | Pakistan | 3 | MN11 | 1.666667 |
| Siwaliks Y0033 | Pakistan | 4 | MN11 | 2 |
| Chorora | Ethiopia | 4 | MN11 | 1.75 |
| Smendou | Algeria | 2 | MN11 | 1 |

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| Siwaliks Y0019 | Pakistan | 7 | MN11 | 1.857143 |
| Siwaliks Y0020 | Pakistan | 6 | MN11 | 1.833333 |
| Siwaliks Y0540 | Pakistan | 3 | MN11 | 1.666667 |
| Siwaliks Y0017 | Pakistan | 11 | MN11 | 1.818182 |
| Siwaliks Y0013 | Pakistan | 3 | MN11 | 2.333333 |
| Siwaliks Y0025 | Pakistan | 3 | MN11 | 1.666667 |
| Siwaliks Y0090 | Pakistan | 5 | MN11 | 1.8 |
| Siwaliks Y0108 | Pakistan | 3 | MN11 | 1.666667 |
| Siwaliks Y0118 | Pakistan | 2 | MN11 | 2.5 |
| Siwaliks Y0132 | Pakistan | 4 | MN11 | 2 |
| Sinap 33 | Turkey | 11 | MN11 | 2 |
| Sinap 70 | Turkey | 2 | MN11 | 2.5 |
| Sinap 26 | Turkey | 11 | MN11 | 2 |
| Sinap 27 | Turkey | 4 | MN11 | 2.25 |
| Siwaliks L0075 | Pakistan | 3 | MN11 | 1 |
| Siwaliks Y0393 | Pakistan | 3 | MN11 | 1.666667 |
| Siwaliks Y0992 | Pakistan | 2 | MN11 | 2 |
| Siwaliks Y0541 | Pakistan | 8 | MN11 | 1.5 |
| Siwaliks Y0547 | Pakistan | 9 | MN11 | 1.888889 |
| Siwaliks L0011 | Pakistan | 2 | MN11 | 3 |
| Siwaliks L0012 | Pakistan | 3 | MN11 | 3 |
| Siwaliks L0056 | Pakistan | 2 | MN11 | 3 |
| Siwaliks Y0027 | Pakistan | 2 | MN11 | 1 |
| Siwaliks Y0031 | Pakistan | 2 | MN11 | 1 |
| Siwaliks Y0116 | Pakistan | 2 | MN11 | 2 |
| Siwaliks Y0130 | Pakistan | 4 | MN11 | 2.25 |
| Siwaliks Y0131 | Pakistan | 2 | MN11 | 3 |
| Siwaliks Y0133 | Pakistan | 3 | MN11 | 2.666667 |
| Siwaliks Y0399 | Pakistan | 6 | MN11 | 1.5 |
| Siwaliks Y0097 | Pakistan | 7 | MN11 | 2 |
| Siwaliks Y0098 | Pakistan | 4 | MN11 | 3 |
| Siwaliks Y0099 | Pakistan | 4 | MN11 | 2 |
| Siwaliks Y0953 | Pakistan | 3 | MN11 | 2.666667 |
| Siwaliks Y0886 | Pakistan | 2 | MN11 | 3 |
| Siwaliks Y0009 | Pakistan | 3 | MN11 | 2.333333 |
| Siwaliks Y0011 | Pakistan | 7 | MN11 | 1.571429 |
| Siwaliks Y0015 | Pakistan | 2 | MN11 | 2 |
| Siwaliks Y0109 | Pakistan | 3 | MN11 | 1.666667 |
| Siwaliks Y0949 | Pakistan | 3 | MN11 | 2.333333 |
| Corakyerler | Turkey | 21 | MN11 | 1.952381 |
| Siwaliks Y0906 | Pakistan | 5 | MN11 | 1.4 |
| Samos Old Mill Beds | Greece | 4 | MN11 | 2.5 |
| Siwaliks Y0898 | Pakistan | 5 | MN11 | 2.2 |
| Siwaliks Y0917 | Pakistan | 7 | MN11 | 1.571429 |
| Siwaliks Y0918 | Pakistan | 3 | MN11 | 2.333333 |
| Siwaliks Y0948 | Pakistan | 5 | MN11 | 2.2 |
| Siwaliks Y0960 | Pakistan | 7 | MN11 | 1.571429 |

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| Siwaliks Y0961 | Pakistan | 3 | MN11 | 1.666667 |
| Siwaliks Y0947 | Pakistan | 7 | MN11 | 1.857143 |
| Siwaliks Y0946 | Pakistan | 8 | MN11 | 1.875 |
| Siwaliks Y0950 | Pakistan | 9 | MN11 | 1.555556 |
| Siwaliks Y0400 | Pakistan | 3 | MN11 | 1.666667 |
| Siwaliks Y0434 | Pakistan | 2 | MN11 | 3 |
| Siwaliks Y0435 | Pakistan | 3 | MN11 | 1.666667 |
| Crevillente 16 | Spain | 6 | MN12 | 1.333333 |
| Crevillente 15 | Spain | 8 | MN12 | 1.375 |
| Concud Barranco | Spain | 6 | MN12 | 1.5 |
| Valdecebro 5 | Spain | 2 | MN12 | 2 |
| Masada del Valle 2 | Spain | 3 | MN12 | 1.666667 |
| Cerro de la Garita | Spain | 15 | MN12 | 1.266667 |
| Aljezar B | Spain | 2 | MN12 | 2 |
| Los Mansuetos | Spain | 11 | MN12 | 1.363636 |
| Casa del Acero | Spain | 3 | MN12 | 1.666667 |
| Concud | Spain | 12 | MN12 | 1.333333 |
| Las Pedrizas | Spain | 6 | MN12 | 1.333333 |
| Concud 2 | Spain | 4 | MN12 | 1.5 |
| Serrazzano | Italy | 2 | MN12 | 2 |
| Lufeng-shihuiba | China | 16 | MN12 | 1 |
| Lantian-33 | China | 2 | MN12 | 1 |
| Lantian-6 | China | 9 | MN12 | 2.111111 |
| Montemassi | Italy | 2 | MN12 | 2 |
| Baccinello V2 | Italy | 6 | MN12 | 1.5 |
| Ribolla | Italy | 2 | MN12 | 2 |
| Casteani | Italy | 5 | MN12 | 1.4 |
| Baltavar | Hungary | 13 | MN12 | 1.615385 |
| Prochoma | Greece | 13 | MN12 | 1.692308 |
| Vathylakkos 1 (VLO) | Greece | 3 | MN12 | 1.666667 |
| Vathylakkos 2 (VTK) | Greece | 11 | MN12 | 1.545455 |
| Vathylakkos 3 (VAT) | Greece | 18 | MN12 | 1.444444 |
| Kalimanci 2 | Bulgaria | 10 | MN12 | 1.6 |
| Kalimanci 4 | Bulgaria | 4 | MN12 | 2.25 |
| Kalimantsi-Pehtsata | Bulgaria | 4 | MN12 | 1.75 |
| Kromidovo 2 | Bulgaria | 4 | MN12 | 2 |
| Ravin X | Greece | 12 | MN12 | 1.666667 |
| Perivolaki | Greece | 18 | MN12 | 1.777778 |
| Hadjidimovo-1 | Bulgaria | 23 | MN12 | 1.521739 |
| Chomateres | Greece | 12 | MN12 | 1.5 |
| Pikermi-MNHN (PIK) | Greece | 26 | MN12 | 1.538462 |
| Halmyropotamos (HAL) | Greece | 15 | MN12 | 1.8 |
| G?lpinar 3 | Turkey | 5 | MN12 | 1.8 |
| G?lpinar 1 | Turkey | 3 | MN12 | 2.666667 |
| G?lpinar 2 | Turkey | 3 | MN12 | 2.666667 |
| G?lpinar | Turkey | 14 | MN12 | 1.785714 |
| Gelibolu Bayirk?y | Turkey | 2 | MN12 | 2.5 |

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| Mytilinii 3 | Greece | 11 | MN12 | 2.272727 |
| Mytilinii 4 | Greece | 11 | MN12 | 1.727273 |
| Samos-Q6 | Greece | 7 | MN12 | 1.857143 |
| Samos-Qx | Greece | 4 | MN12 | 2 |
| Samos (A-1) | Greece | 28 | MN12 | 1.928571 |
| Develik?y 1 | Turkey | 2 | MN12 | 2.5 |
| Ulas | Turkey | 2 | MN12 | 2.5 |
| Elekci | Turkey | 4 | MN12 | 1.75 |
| Belka | Ukraine | 10 | MN12 | 1.4 |
| Serefk?y | Turkey | 11 | MN12 | 1.727273 |
| Akgedik-Bayir | Turkey | 9 | MN12 | 2.111111 |
| Salihpasalar 1 | Turkey | 7 | MN12 | 1.714286 |
| Salihpasalar 2 | Turkey | 7 | MN12 | 1.714286 |
| Salihpasalar | Turkey | 11 | MN12 | 1.818182 |
| Gura-Galben | Moldova | 9 | MN12 | 1.555556 |
| ?zluce | Turkey | 3 | MN12 | 2.666667 |
| Chimishlija (Cimislia) | Moldova | 20 | MN12 | 1.5 |
| Kemiklitepe A-B | Turkey | 9 | MN12 | 2.111111 |
| Taraklia | Moldova | 31 | MN12 | 1.83871 |
| Alfacar | Spain | 2 | MN12 | 1 |
| Tudorovo | Moldova | 9 | MN12 | 1.444444 |
| Kizil?ren | Turkey | 8 | MN12 | 1.875 |
| Sarisikinleri | Turkey | 2 | MN12 | 2 |
| Pinaryaka | Turkey | 7 | MN12 | 1.714286 |
| Asarintepe | Turkey | 3 | MN12 | 3 |
| ?obanpinar (Sinap 42) | Turkey | 12 | MN12 | 1.833333 |
| Kavakdere (Turolian) | Turkey | 6 | MN12 | 1.833333 |
| Ebic | Turkey | 2 | MN12 | 1 |
| Duzyayla | Turkey | 8 | MN12 | 1.625 |
| Ivand | Iran | 5 | MN12 | 2.4 |
| Maragheh (MMTT 1) | Iran | 7 | MN12 | 2 |
| Maragheh (MMTT 11) | Iran | 2 | MN12 | 2.5 |
| Maragheh (MMTT 13) | Iran | 11 | MN12 | 1.727273 |
| Maragheh (MMTT 14) | Iran | 2 | MN12 | 2 |
| Maragheh (MMTT 18) | Iran | 4 | MN12 | 2.25 |
| Maragheh (MMTT 19) | Iran | 2 | MN12 | 2.5 |
| Maragheh (MMTT 20) | Iran | 2 | MN12 | 3 |
| Maragheh (MMTT 21) | Iran | 2 | MN12 | 2.5 |
| Maragheh (MMTT 25) | Iran | 4 | MN12 | 2.25 |
| Maragheh (MMTT 26) | Iran | 6 | MN12 | 1.833333 |
| Maragheh (MMTT 31) | Iran | 5 | MN12 | 2 |
| Maragheh (MMTT 37) | Iran | 11 | MN12 | 2.090909 |
| Maragheh (MMTT 7) | Iran | 8 | MN12 | 2 |
| Middle Maragheh | Iran | 30 | MN12 | 1.933333 |
| Upper Maragheh | Iran | 19 | MN12 | 1.894737 |
| Mt. Luberon | France | 4 | MN12 | 1.75 |
| Sor | Tajikistan | 8 | MN12 | 1.875 |

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|---|---|---|---|---|
| Molayan | Afghanistar | 11 | MN12 | 1.545455 |
| Daraispon | Tajikistan | 2 | MN12 | 2 |
| Ortok | Kyrgyzstan | 7 | MN12 | 1.857143 |
| Fiume Santo | Italy | 6 | MN12 | 1.666667 |
| Jilong | China | 7 | MN12 | 1.857143 |
| Taralyk-Cher | Russia | 2 | MN12 | 1 |
| Samos (PMAS) | Greece | 20 | MN12 | 1.8 |
| Kemiklitepe D | Turkey | 7 | MN12 | 2.285714 |
| Lassnitz | Austria | 2 | MN12 | 1 |
| Dera Bugti Sartaaf | Pakistan | 2 | MN12 | 2 |
| Siwaliks Y0440 | Pakistan | 3 | MN12 | 1.666667 |
| Siwaliks Y0378 | Pakistan | 2 | MN12 | 2 |
| Siwaliks Y0926 | Pakistan | 3 | MN12 | 1.666667 |
| Siwaliks Y0935 | Pakistan | 5 | MN12 | 1.4 |
| Siwaliks Y0943 | Pakistan | 7 | MN12 | 1.571429 |
| Siwaliks Y0944 | Pakistan | 4 | MN12 | 1.5 |
| Siwaliks Y0457 | Pakistan | 8 | MN12 | 1.5 |
| Samos (IMAS) | Greece | 19 | MN12 | 2.052632 |
| Siwaliks Y0941 | Pakistan | 5 | MN12 | 1.8 |
| Siwaliks Y0382 | Pakistan | 3 | MN12 | 1.666667 |
| Siwaliks Y0459 | Pakistan | 2 | MN12 | 1 |
| Siwaliks L0082 | Pakistan | 8 | MN12 | 1 |
| Samos White Sands | Greece | 5 | MN12 | 2.2 |
| Siwaliks Y0419 | Pakistan | 2 | MN12 | 2 |
| Siwaliks Y0907 | Pakistan | 3 | MN12 | 2.666667 |
| Siwaliks Y0927 | Pakistan | 5 | MN12 | 2.4 |
| Siwaliks Y0932 | Pakistan | 5 | MN12 | 1.8 |
| Siwaliks Y0921 | Pakistan | 3 | MN12 | 1 |
| Siwaliks Y0452 | Pakistan | 8 | MN12 | 1.875 |
| Siwaliks L0072 | Pakistan | 6 | MN12 | 1.333333 |
| Siwaliks L0079 | Pakistan | 2 | MN12 | 1 |
| Pikermi | Greece | 27 | MN12 | 1.518519 |
| Siwaliks Y0458 | Pakistan | 2 | MN12 | 2 |
| Guide-heerjia | China | 4 | MN12 | 2 |
| Dongxiang-jiegou | China | 2 | MN12 | 2 |
| Hezheng-heilingding-LX20003 | China | 5 | MN12 | 1.6 |
| Hezheng-hetuo-LX200023 | China | 6 | MN12 | 1.5 |
| Guanghe-zhuangheji-LX20001 | China | 3 | MN12 | 1.666667 |
| Wudu-longjiagou | China | 18 | MN12 | 1.666667 |
| Xili | China | 2 | MN12 | 2 |
| Jingning | China | 4 | MN12 | 1.5 |
| Chongxin | China | 2 | MN12 | 2 |
| Huachi | China | 3 | MN12 | 2.333333 |
| Binxian | China | 2 | MN12 | 1 |
| Lantian-gongwangling-shuizig | China | 5 | MN12 | 2 |
| Lantian-jiulaopo-s3 | China | 6 | MN12 | 1.666667 |
| Lantian-koujiacun-damiaogou | China | 5 | MN12 | 1.8 |

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| Lantian-majiahe-yuanjiagou | China | 5 | MN12 | 2.2 |
| Lushi-Redclay | China | 4 | MN12 | 1.5 |
| Fu-Ku-Lok.51 | China | 7 | MN12 | 1.857143 |
| Huoxian-anlecun | China | 6 | MN12 | 2 |
| Jingmen-Yangjiaji-Dingjiapo | China | 3 | MN12 | 1.666667 |
| Jungar-Yaogou | China | 7 | MN12 | 1.857143 |
| Chang Chia Chuang | China | 3 | MN12 | 1 |
| Yushe | China | 27 | MN12 | 1.222222 |
| Huade-Heishatou | China | 5 | MN12 | 1.6 |
| Huade-Tuchetse | China | 8 | MN12 | 1.5 |
| Zhangqiu-Balouhe | China | 8 | MN12 | 1.5 |
| Kiroku?uk A | Macedonia | 2 | MN12 | 1.5 |
| Karaslari | Macedonia | 2 | MN12 | 1.5 |
| Alifakas | Greece | 3 | MN12 | 2 |
| Thermopigi | Greece | 14 | MN12 | 1.785714 |
| Ravin Ar. | Greece | 7 | MN12 | 2.142857 |
| Achladi | Greece | 5 | MN12 | 2 |
| Ano Metochi | Greece | 4 | MN12 | 2.5 |
| Achmet Aga | Greece | 3 | MN12 | 2.666667 |
| Chalkoutsi | Greece | 2 | MN12 | 3 |
| Esendere | Turkey | 8 | MN12 | 1.75 |
| Melka el Ouidane | Morocco | 2 | MN12 | 2 |
| Kefraya | Lebanon | 12 | MN12 | 1.75 |
| Morskaya 2 | Russia | 2 | MN12 | 2 |
| Rustavi | Georgia | 11 | MN12 | 1.727273 |
| Karatchok Dagh | Syria | 5 | MN12 | 1.6 |
| Mistrals I | France | 4 | MN12 | 1.5 |
| Ruwais | United Aral | 2 | MN12 | 2 |
| Magian | Tajikistan | 3 | MN12 | 2 |
| Pedjikent | Tajikistan | 2 | MN12 | 3 |
| Marmar | Tajikistan | 3 | MN12 | 2 |
| Gurgemaydan | Afghanistar | 3 | MN12 | 1.666667 |
| Wenquan-dakusitai | China | 3 | MN12 | 2.333333 |
| Akesai-hongyazi | China | 4 | MN12 | 2 |
| Siwaliks Y0933 | Pakistan | 2 | MN12 | 1 |
| Siwaliks Y0370 | Pakistan | 4 | MN12 | 1.5 |
| Siwaliks Y0386 | Pakistan | 3 | MN12 | 2 |
| Baogedawula | China | 2 | MN12 | 2 |
| Akkasdagi | Turkey | 19 | MN12 | 1.736842 |
| Siwaliks Y0456 | Pakistan | 2 | MN12 | 2.5 |
| Samos (DMAS) | Greece | 24 | MN12 | 1.916667 |
| Siwaliks Y0373 | Pakistan | 4 | MN12 | 1.5 |
| Azmaka 1-4 | Bulgaria | 19 | MN12 | 1.684211 |
| Baynunah | United Aral | 14 | MN12 | 1.571429 |
| Samos Main Bone Beds | Greece | 37 | MN12 | 1.810811 |
| Lower Nawata (Lothagam) | Kenya | 41 | MN12 | 1.902439 |
| Siwaliks Y0910 | Pakistan | 7 | MN12 | 1.857143 |

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|---|---|---|---|---|
| Siwaliks Y0581 | Pakistan | 8 | MN12 | 1.5 |
| Puy Courny | France | 7 | MN12 | 1.571429 |
| Siwaliks Y0909 | Pakistan | 3 | MN12 | 1.666667 |
| Samos (FMAS) | Greece | 16 | MN12 | 2 |
| Siwaliks Y0908 | Pakistan | 5 | MN13 | 1.4 |
| Siwaliks Y0920 | Pakistan | 3 | MN13 | 1.666667 |
| Podere la Crocina | Italy | 6 | MN13 | 1.333333 |
| Polgardi | Hungary | 8 | MN13 | 1.5 |
| Titov Veles | Macedonia | 7 | MN13 | 1.285714 |
| Kromidovo 1 | Bulgaria | 5 | MN13 | 2.2 |
| Samos | Greece | 41 | MN13 | 2 |
| Sandikli Kinik | Turkey | 10 | MN13 | 2.1 |
| Sinap 118 | Turkey | 2 | MN13 | 2 |
| Sinap 77 | Turkey | 2 | MN13 | 2.5 |
| Sinap 78 | Turkey | 4 | MN13 | 3 |
| Jebel Barakah | United Aral | 4 | MN13 | 2.25 |
| Shuwaihat | United Aral | 12 | MN13 | 1.833333 |
| Hamra | United Aral | 11 | MN13 | 1.909091 |
| Jebel Dhannah | United Aral | 7 | MN13 | 2 |
| Ras Dubayah | United Aral | 6 | MN13 | 1.5 |
| Kihal | United Aral | 4 | MN13 | 2 |
| Thumayriya | United Aral | 7 | MN13 | 1.857143 |
| Harmiyah | United Aral | 3 | MN13 | 2 |
| Jebel Mimiyah | United Aral | 4 | MN13 | 2 |
| Siwaliks Y0859 | Pakistan | 3 | MN13 | 2.666667 |
| Argithani | Turkey | 2 | MN13 | 3 |
| Olkhon (Sarayskaya: hor. 3) | Russia | 2 | MN13 | 1 |
| Mpesida | Kenya | 9 | MN13 | 1.777778 |
| Siwaliks B0135 | Pakistan | 2 | MN13 | 1 |
| Siwaliks Y0453 | Pakistan | 5 | MN13 | 1.6 |
| Siwaliks Y0912 | Pakistan | 3 | MN13 | 2 |
| Siwaliks Y0903 | Pakistan | 2 | MN13 | 2 |
| Krivaja Balka | Ukraine | 2 | MN13 | 1 |
| Odessa 2 | Ukraine | 3 | MN13 | 2.666667 |
| Evpatoria | Ukraine | 2 | MN13 | 3 |
| Surai Khola 2 | Nepal | 4 | MN13 | 1.5 |
| Rato Khola 1 | Nepal | 2 | MN13 | 2 |
| Khirgis-Nur II-lower | Mongolia | 11 | MN13 | 2.363636 |
| Bazaleti | Georgia | 13 | MN13 | 1.615385 |
| Siwaliks Y0913 | Pakistan | 3 | MN13 | 2.666667 |
| Venta del Moro | Spain | 16 | MN13 | 1.6875 |
| La Alberca | Spain | 4 | MN13 | 1.75 |
| Villastar | Spain | 5 | MN13 | 2.4 |
| Rambla de Valdecebro 0 | Spain | 3 | MN13 | 3 |
| Rambla de Valdecebro 3 | Spain | 3 | MN13 | 2.666667 |
| Rambla de Valdecebro 6 | Spain | 3 | MN13 | 2.333333 |
| Bunker de Valdecebro | Spain | 2 | MN13 | 3 |

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|---|---|---|---|---|
| El Arquillo 1 | Spain | 15 | MN13 | 1.933333 |
| La Gloria 5 | Spain | 2 | MN13 | 3 |
| Milagros | Spain | 8 | MN13 | 2 |
| Valdecebro 3 | Spain | 4 | MN13 | 2.25 |
| Arquillo 1 | Spain | 14 | MN13 | 2 |
| Las Casiones | Spain | 12 | MN13 | 2 |
| Librilla | Spain | 5 | MN13 | 2.2 |
| Douaria | Tunisia | 4 | MN13 | 1.5 |
| Kholobolochi Nor | Mongolia | 3 | MN13 | 2 |
| Tha Chang 2 | Thailand | 10 | MN13 | 1.7 |
| Songshan-Loc.3 | China | 9 | MN13 | 1.777778 |
| Songshan-Loc.2 | China | 11 | MN13 | 1.636364 |
| Qingyang-Lok.115 | China | 10 | MN13 | 2 |
| Qingyang-Lok.116 | China | 10 | MN13 | 2.1 |
| Lantian-42 | China | 9 | MN13 | 1.888889 |
| Lantian-44 | China | 2 | MN13 | 1 |
| Baccinello V3 | Italy | 10 | MN13 | 1.6 |
| Fosso Casotto (Velona basin) | Italy | 2 | MN13 | 2 |
| Brisighella | Italy | 10 | MN13 | 1.8 |
| Fugu-Laogaochuan-miaoliang | China | 10 | MN13 | 1.5 |
| Pao-Te-Lok.108 | China | 10 | MN13 | 1.9 |
| Pao-Te-Lok.109 | China | 10 | MN13 | 1.9 |
| Pao-Te-Lok.110 | China | 8 | MN13 | 1.875 |
| Pao-Te-Lok.30 | China | 17 | MN13 | 2.117647 |
| Pao-Te-Lok.31 | China | 11 | MN13 | 2.090909 |
| Pao-Te-Lok.44 | China | 21 | MN13 | 1.857143 |
| Pao-Te-Lok.52 | China | 7 | MN13 | 1.714286 |
| Pao-Te-Lok.43 | China | 16 | MN13 | 1.8125 |
| Pao-Te-Lok.49 | China | 19 | MN13 | 1.526316 |
| Ho-qu-114 | China | 10 | MN13 | 1.8 |
| Hsin-An-Loc.12 | China | 7 | MN13 | 1.285714 |
| Wu-Hsiang-Loc.71 | China | 3 | MN13 | 1.666667 |
| Wu-Hsiang-loc.78 | China | 7 | MN13 | 1.428571 |
| Wu-Hsiang-Lok.70 | China | 7 | MN13 | 1.428571 |
| Wu-Hsiang-Lok.73 | China | 8 | MN13 | 1.25 |
| Yushe-hounao | China | 5 | MN13 | 1.4 |
| Gravitelli | Italy | 8 | MN13 | 1.75 |
| Toros-Menalla | Chad | 14 | MN13 | 1.857143 |
| Vel'k? Bielice | Slovakia | 2 | MN13 | 1 |
| Hatvan | Hungary | 4 | MN13 | 1.25 |
| Menacer | Algeria | 8 | MN13 | 1.25 |
| Sahabi | Libya | 21 | MN13 | 1.904762 |
| Asprogiannos | Greece | 3 | MN13 | 2.333333 |
| Dytiko 1 (DTK) | Greece | 13 | MN13 | 1.769231 |
| Dytiko 2 (DIT) | Greece | 11 | MN13 | 1.454545 |
| Dytiko 3 (DKO) | Greece | 10 | MN13 | 1.7 |
| Ano Metochi 2:3 | Greece | 4 | MN13 | 2.5 |

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|---|---|---|---|---|
| Mytilinii 1A | Greece | 21 | MN13 | 2.047619 |
| Mytilinii 1B | Greece | 20 | MN13 | 1.95 |
| Mytilinii 1C | Greece | 5 | MN13 | 1.8 |
| Samos-Q5 | Greece | 13 | MN13 | 1.923077 |
| Amasya 2 | Turkey | 5 | MN13 | 2.2 |
| Arenas del Rey | Spain | 5 | MN13 | 2 |
| Albertine 11 | Uganda | 2 | MN13 | 1 |
| Wadi Natrun | Egypt | 11 | MN13 | 1.909091 |
| Ananjev | Ukraine | 4 | MN13 | 1.5 |
| Albertine 14 | Congo: Der | 12 | MN13 | 1 |
| Albertine 1C | Congo: Der | 3 | MN13 | 1 |
| Albertine 7 | Uganda | 4 | MN13 | 1.5 |
| Albertine 1 | Uganda | 24 | MN13 | 2.041667 |
| Manonga 1 | Tanzania | 12 | MN13 | 2 |
| Taskinpasa 1 | Turkey | 4 | MN13 | 2 |
| Lemudong'o-1 | Kenya | 7 | MN13 | 1.857143 |
| Lukeino | Kenya | 16 | MN13 | 1.75 |
| Lukeino 2 | Kenya | 4 | MN13 | 2.5 |
| Lukeino 1 | Kenya | 4 | MN13 | 2.25 |
| Lukeino 4 | Kenya | 4 | MN13 | 1 |
| Lemudong'o-2 | Kenya | 6 | MN13 | 1.333333 |
| Kangal 1 | Turkey | 2 | MN13 | 2 |
| Gusinyy perelyot | Kazakhstan | 13 | MN13 | 2.076923 |
| Nurpur | India | 17 | MN13 | 1.117647 |
| Pavlodar | Kazakhstan | 12 | MN13 | 2.083333 |
| Karabastuz | Kazakhstan | 8 | MN13 | 1.875 |
| Kalmakpaj | Kazakhstan | 9 | MN13 | 2.222222 |
| Khirgis-Nur III | Mongolia | 2 | MN13 | 2.5 |
| Chaingzauk | Burma | 11 | MN13 | 1.181818 |
| Siwaliks Y0930 | Pakistan | 2 | MN13 | 1 |
| Lemudong'o | Kenya | 8 | MN13 | 2 |
| Jara-Borkana | Ethiopia | 8 | MN13 | 1.75 |
| Siwaliks Y0861 | Pakistan | 3 | MN13 | 2.333333 |
| Upper Nawata (Lothagam) | Kenya | 42 | MN13 | 1.880952 |
| Siwaliks Y0552 | Pakistan | 4 | MN13 | 1.5 |
| Siwaliks Y0551 | Pakistan | 6 | MN13 | 1.666667 |
| Adu Dora | Ethiopia | 6 | MN13 | 2.166667 |
| Asa Koma | Ethiopia | 27 | MN13 | 1.444444 |
| Digiba Dora | Ethiopia | 12 | MN13 | 1.416667 |
| Bikir Mali Koma | Ethiopia | 5 | MN13 | 1.4 |
| Alayla | Ethiopia | 17 | MN13 | 1.588235 |
| Casino | Italy | 7 | MN13 | 1.714286 |
| Velona | Italy | 5 | MN13 | 2.2 |
| Gargano | Italy | 2 | MN13 | 1 |
| Silata | Greece | 4 | MN13 | 2 |
| Maramena | Greece | 14 | MN13 | 1.642857 |
| Saitune Dora | Ethiopia | 17 | MN13 | 1.235294 |

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|---|---|---|---|---|
| Shoshamagai | Tanzania | 6 | MN13 | 2.333333 |
| Inolelo 1 | Tanzania | 6 | MN13 | 1.666667 |
| Inolelo 3 | Tanzania | 4 | MN13 | 1 |
| Mwambiti 3 | Tanzania | 2 | MN13 | 1 |
| Ngofila 5 | Tanzania | 2 | MN13 | 2 |
| Siwaliks Y0557 | Pakistan | 2 | MN14 | 1 |
| Kuseralee | Ethiopia | 27 | MN14 | 1.666667 |
| Amba West | Ethiopia | 20 | MN14 | 1.8 |
| Amba East | Ethiopia | 24 | MN14 | 1.791667 |
| Langebaanweg (LQSM + MPPI | South Afric | 18 | MN14 | 2.277778 |
| Agera Gawtu | Ethiopia | 12 | MN14 | 1.333333 |
| Khirgis-Nur II-upper | Mongolia | 12 | MN14 | 2.416667 |
| Horizon Indet (Lothagam) | Kenya | 26 | MN14 | 1.884615 |
| Olkhon (Sarayskaya: hor. 5) | Russia | 2 | MN14 | 2 |
| Alcoy-Mina | Spain | 6 | MN14 | 2 |
| Alcoy | Spain | 9 | MN14 | 2 |
| Orrios | Spain | 2 | MN14 | 2 |
| Orrios 1 | Spain | 2 | MN14 | 2 |
| Peralejos | Spain | 2 | MN14 | 1 |
| Peralejos E | Spain | 3 | MN14 | 1.666667 |
| La Gloria | Spain | 4 | MN14 | 2 |
| La Gloria 4 | Spain | 8 | MN14 | 2.125 |
| Guanghe-shilidun-LX200014 | China | 6 | MN14 | 1.666667 |
| Kossom Bougoudi | Chad | 17 | MN14 | 2.058824 |
| Kolle | Chad | 16 | MN14 | 2 |
| G?d?ll? | Hungary | 4 | MN14 | 1.5 |
| Villeneuve de la Raho | France | 4 | MN14 | 1.5 |
| Dorkovo | Bulgaria | 8 | MN14 | 1.5 |
| Kessani 1:2 | Greece | 3 | MN14 | 1.666667 |
| Beresti | Romania | 2 | MN14 | 1.5 |
| Gorafe 1 | Spain | 2 | MN14 | 1 |
| Gorafe 4 | Spain | 2 | MN14 | 2 |
| Celleneuve | France | 3 | MN14 | 1.666667 |
| Montpellier | France | 12 | MN14 | 1.5 |
| Vendargues | France | 2 | MN14 | 2 |
| Sinda 15 | Congo: Der | 3 | MN14 | 1.666667 |
| Sinda 12 | Congo: Der | 3 | MN14 | 2 |
| Sinda 14 | Congo: Der | 4 | MN14 | 2 |
| Sinda All | Congo: Der | 8 | MN14 | 1.625 |
| Shoshamagai 2 | Tanzania | 7 | MN14 | 1.571429 |
| Apak (Lothagam) | Kenya | 35 | MN14 | 1.942857 |
| Tr?voux | France | 5 | MN14 | 1.4 |
| Saint Laurent des Arbres | France | 6 | MN14 | 1.666667 |
| Kosyakino | Russia | 9 | MN14 | 1.555556 |
| Pul-e-Charkhi | Afghanistar | 2 | MN14 | 1.5 |
| Mandriola | Italy | 3 | MN14 | 2.333333 |
| Surai Khola 3 | Nepal | 4 | MN14 | 2 |

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|---|---|---|---|---|
| Rato Khola 2 | Nepal | 3 | MN14 | 1.666667 |
| Manonga 3 | Tanzania | 15 | MN15 | 2.333333 |
| Galili 1 | Ethiopia | 14 | MN15 | 1.571429 |
| Galili 2 | Ethiopia | 20 | MN15 | 1.9 |
| Galili 3 | Ethiopia | 4 | MN15 | 1.75 |
| Galili 4 | Ethiopia | 27 | MN15 | 1.888889 |
| As Duma | Ethiopia | 18 | MN15 | 1.611111 |
| Aramis (Lower) | Ethiopia | 23 | MN15 | 1.913043 |
| Chono Hariah 1 lower | Mongolia | 3 | MN15 | 2.666667 |
| Khirgis-Nur II | Mongolia | 10 | MN15 | 2.5 |
| Tataly | Mongolia | 2 | MN15 | 2.5 |
| Lingtai-xiaoshigou-3 | China | 8 | MN15 | 2.375 |
| Yushe-Gaozhuang | China | 6 | MN15 | 2 |
| Gaozhuang | China | 6 | MN15 | 2 |
| Ciuperceni 1 | Romania | 3 | MN15 | 1 |
| Dinar Akcak?y | Turkey | 6 | MN15 | 2.166667 |
| Ajgyrzhal | Kazakhstan | 4 | MN15 | 2.25 |
| Zhabyrtau | Kazakhstan | 5 | MN15 | 2.4 |
| Dzagso-Hairhan-1-5 | Mongolia | 2 | MN15 | 1.5 |
| Dzagso-Hairhan-4-2 | Mongolia | 3 | MN15 | 2.666667 |
| Gona Western Margin 3 | Ethiopia | 6 | MN15 | 1.666667 |
| Southern Allia Bay Plains | Kenya | 16 | MN15 | 1.5 |
| Kanapoi | Kenya | 28 | MN15 | 1.964286 |
| Kos | Greece | 10 | MN15 | 2.2 |
| Kolinga | Chad | 3 | MN15 | 1 |
| Albertine 8 | Uganda | 2 | MN15 | 2 |
| Albertine 2 | Uganda | 18 | MN15 | 2 |
| Manonga 2 | Tanzania | 11 | MN15 | 1.909091 |
| Ngofila 4 | Tanzania | 3 | MN15 | 2.333333 |
| Beredi (South 3) | Tanzania | 3 | MN15 | 1.666667 |
| Beredi (North) | Tanzania | 2 | MN15 | 3 |
| Kaperyon | Kenya | 4 | MN15 | 1.75 |
| Koobi Fora (Moiti) | Kenya | 10 | MN15 | 2.4 |
| Koula | Chad | 2 | MN15 | 2 |
| Mianxian-yangjiawan | China | 8 | MN15 | 1.5 |
| Asa Issie | Ethiopia | 14 | MN15 | 1.642857 |
| Tibet_Zanda | China | 4 | MN15 | 1.75 |
| Villalba Alta 1 | Spain | 2 | MN15 | 2 |
| Orrios 7 | Spain | 3 | MN15 | 2.333333 |
| La Calera | Spain | 8 | MN15 | 1.75 |
| Val di Pugna | Italy | 3 | MN15 | 1.666667 |
| Ivanovce | Slovakia | 10 | MN15 | 1.2 |
| Csarnota 2 | Hungary | 7 | MN15 | 1.714286 |
| Weze 1 | Poland | 3 | MN15 | 1 |
| Layna | Spain | 6 | MN15 | 2.166667 |
| Perpignan | France | 14 | MN15 | 1.5 |
| Megalo Emvolon (MEV) | Greece | 6 | MN15 | 2 |

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|---|---|---|---|---|
| Muselievo | Bulgaria | 7 | MN15 | 1.428571 |
| Ciuperceni 2 | Romania | 2 | MN15 | 1 |
| Sugas-Bai | Romania | 2 | MN15 | 1 |
| Varghis | Romania | 5 | MN15 | 1.4 |
| Capeni | Romania | 8 | MN15 | 1.5 |
| Apolakkia | Greece | 4 | MN15 | 2 |
| Malushteni | Romania | 10 | MN15 | 1.8 |
| Odessa Catacombs | Ukraine | 4 | MN15 | 2 |
| ?alta 2 | Turkey | 9 | MN15 | 1.888889 |
| Ekora | Kenya | 9 | MN15 | 2.222222 |
| Anvers 1 | Belgium | 2 | MN15 | 1 |
| W?lfersheim | Germany | 8 | MN15 | 1.25 |
| Garaet Ichkeul | Tunisia | 13 | MN15 | 2.384615 |
| Gona Western Margin 5 | Ethiopia | 5 | MN15 | 1.4 |
| Lomekwi 6 | Kenya | 9 | MN15 | 1.666667 |
| Sibilot 1 | Kenya | 10 | MN15 | 2.2 |
| South Turkwell | Kenya | 19 | MN15 | 1.894737 |
| Sibilot 2 | Kenya | 5 | MN15 | 1.8 |
| Laetoli_10 | Tanzania | 9 | MN15 | 2.333333 |
| Laetoli_10W | Tanzania | 7 | MN15 | 1.571429 |
| Laetoli_11 | Tanzania | 5 | MN15 | 1.6 |
| Laetoli_12 | Tanzania | 5 | MN15 | 2 |
| Laetoli_13 | Tanzania | 2 | MN15 | 2.5 |
| Laetoli_16 | Tanzania | 4 | MN15 | 1.75 |
| Laetoli_17 | Tanzania | 3 | MN15 | 2 |
| Laetoli_2 | Tanzania | 10 | MN15 | 2.1 |
| Laetoli_20 | Tanzania | 3 | MN15 | 2.333333 |
| Laetoli_21 | Tanzania | 8 | MN15 | 2 |
| Laetoli_22 | Tanzania | 3 | MN15 | 2 |
| Laetoli_3 | Tanzania | 9 | MN15 | 1.888889 |
| Laetoli_4 | Tanzania | 5 | MN15 | 1.6 |
| Laetoli_5 | Tanzania | 5 | MN15 | 1.8 |
| Laetoli_6 | Tanzania | 8 | MN15 | 1.875 |
| Laetoli_7 | Tanzania | 7 | MN15 | 1.857143 |
| Laetoli_8 | Tanzania | 10 | MN15 | 1.9 |
| Laetoli_9 | Tanzania | 10 | MN15 | 1.9 |
| Laetoli_9s | Tanzania | 4 | MN15 | 2 |
| Laetoli_Upper Laetolil Beds | Tanzania | 26 | MN15 | 2.038462 |
| Chemeron | Kenya | 34 | MN15 | 1.911765 |
| Loruth Kaado 2 | Kenya | 2 | MN15 | 2 |
| Shungura A | Ethiopia | 4 | MN15 | 2.25 |
| Loruth Kaado 1 | Kenya | 8 | MN15 | 2.125 |
| Nasechebun 1 | Kenya | 5 | MN15 | 1.8 |
| Il Naibar 2 | Kenya | 20 | MN15 | 2 |
| Sibilot 3 | Kenya | 7 | MN15 | 2.285714 |
| Karari Ridge 1 | Kenya | 10 | MN15 | 1.9 |
| Woranso-Mille | Ethiopia | 15 | MN15 | 1.733333 |

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|---|---|---|---|---|
| Siwaliks Y0383 | Pakistan | 3 | MN16 | 2.333333 |
| Kaiyumung | Kenya | 25 | MN16 | 1.96 |
| Sterkfontein | South Afric | 3 | MN16 | 1 |
| Makapansgat | South Afric | 4 | MN16 | 2 |
| Sidi Hakoma (Hadar) | Ethiopia | 34 | MN16 | 2.058824 |
| Siwaliks L0101 | Pakistan | 8 | MN16 | 1.5 |
| Siwaliks L0102 | Pakistan | 7 | MN16 | 1.571429 |
| Siwaliks L0104 | Pakistan | 2 | MN16 | 2 |
| Lebyazhje 1 | Kazakhstan | 2 | MN16 | 2 |
| Koro Toro | Chad | 19 | MN16 | 2.263158 |
| Shungura B | Ethiopia | 37 | MN16 | 2.027027 |
| Udunga | Russia | 12 | MN16 | 1.916667 |
| Esekartkan | Kazakhstan | 11 | MN16 | 1.818182 |
| Denen Dora (Hadar) | Ethiopia | 35 | MN16 | 2.257143 |
| Bel Hacel | Algeria | 7 | MN16 | 3 |
| Olivola | Italy | 10 | MN16 | 2.1 |
| Tologoian FC | Russia | 3 | MN16 | 3 |
| Chikoian FC | Russia | 3 | MN16 | 2.666667 |
| Bahrel Ghazal | Chad | 8 | MN16 | 2 |
| Blassac la Girondie | France | 7 | MN16 | 2.142857 |
| Albertine 10 | Uganda | 10 | MN16 | 2.1 |
| Albertine 13 | Uganda | 3 | MN16 | 2.333333 |
| Albertine 9 | Uganda | 2 | MN16 | 2 |
| Albertine 4 | Uganda | 22 | MN16 | 2.5 |
| Albertine 3 | Uganda | 6 | MN16 | 2.5 |
| Chiwondo (Mwimbi North) | Malawi | 14 | MN16 | 2.357143 |
| Chiwondo 2 (Unit 3A) | Malawi | 19 | MN16 | 2.526316 |
| Chiwondo 1 | Malawi | 8 | MN16 | 2.625 |
| Chiwondo 5(Mwimbi&Mweni | Malawi | 2 | MN16 | 1.5 |
| Chiwondo 3 (Unit 2B) | Malawi | 4 | MN16 | 2 |
| Rawi 1 | Kenya | 11 | MN16 | 2.090909 |
| Vogel River | Tanzania | 3 | MN16 | 3 |
| Usno | Ethiopia | 20 | MN16 | 1.85 |
| Usno 2 | Ethiopia | 24 | MN16 | 1.75 |
| Mursi | Ethiopia | 8 | MN16 | 2 |
| Omo 1 | Ethiopia | 14 | MN16 | 1.928571 |
| Omo 2 | Ethiopia | 13 | MN16 | 2 |
| Omo 3 | Ethiopia | 10 | MN16 | 2 |
| Omo 4 | Ethiopia | 8 | MN16 | 2.25 |
| Ain el Bey | Algeria | 3 | MN16 | 2.333333 |
| Matabaietu | Ethiopia | 22 | MN16 | 2.045455 |
| Maka | Ethiopia | 2 | MN16 | 1 |
| Dikika | Ethiopia | 19 | MN16 | 2.105263 |
| Ledi-Geraru | Ethiopia | 9 | MN16 | 2 |
| Ahmado | Ethiopia | 2 | MN16 | 1 |
| Leadu | Ethiopia | 2 | MN16 | 1 |
| Ain el Hadj Baba | Algeria | 2 | MN16 | 3 |

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|---|---|---|---|---|
| Tatrot | India | 14 | MN16 | 1.857143 |
| Lomekwi 4 West | Kenya | 4 | MN16 | 3 |
| Pyrgos | Greece | 7 | MN16 | 2.142857 |
| Vassiloudi (VSL) | Greece | 4 | MN16 | 2.25 |
| Gerakarou 1 (GER) | Greece | 8 | MN16 | 2 |
| Selim-Dzhevar | Kazakhstan | 6 | MN16 | 2 |
| Koobi Fora Ridge 1 | Kenya | 12 | MN16 | 2 |
| Sibilot 4 | Kenya | 31 | MN16 | 2.096774 |
| Il Naibar 3 | Kenya | 30 | MN16 | 2.266667 |
| La Higueruelas | Spain | 6 | MN16 | 1.666667 |
| Las Higueruelas | Spain | 2 | MN16 | 1 |
| El Rinc?n | Spain | 4 | MN16 | 2 |
| Yuanmou-dabanguo | China | 3 | MN16 | 1.333333 |
| Lingtai-renjiagou | China | 6 | MN16 | 2.333333 |
| Youhe | China | 5 | MN16 | 2.2 |
| Udunginian FC | Russia | 8 | MN16 | 1.875 |
| Jingle-hefeng | China | 4 | MN16 | 2.5 |
| Yushe-Mazegou | China | 2 | MN16 | 3 |
| Yushe-Yuncu-Zhaozhuang | China | 2 | MN16 | 2 |
| Yuxian-Huabaogou | China | 2 | MN16 | 2.5 |
| Yuxian-Danangou | China | 3 | MN16 | 2 |
| Kisl?ng | Hungary | 11 | MN16 | 2.272727 |
| Hajn?cka | Slovakia | 16 | MN16 | 1.125 |
| Cova Bonica | Spain | 2 | MN16 | 1 |
| Villaroya | Spain | 10 | MN16 | 1.9 |
| Vialette | France | 11 | MN16 | 1.272727 |
| V?el?re 2 | Slovakia | 2 | MN16 | 1 |
| Covrigi | Romania | 4 | MN16 | 1.5 |
| Groserea | Romania | 4 | MN16 | 1.5 |
| Iaras-1 | Romania | 6 | MN16 | 1.666667 |
| Illieni | Romania | 5 | MN16 | 1.4 |
| Tulucesti | Romania | 3 | MN16 | 2.333333 |
| Damatria | Greece | 3 | MN16 | 2.333333 |
| Hu?lago | Spain | 9 | MN16 | 2.111111 |
| Etouaires | France | 15 | MN16 | 1.6 |
| Gulyazi | Turkey | 9 | MN16 | 2.222222 |
| Lomekwi 9 | Kenya | 17 | MN16 | 2.294118 |
| Lomekwi 10 | Kenya | 11 | MN16 | 2.545455 |
| Piedrabuena | Spain | 6 | MN16 | 1.666667 |
| Kvabebi | Georgia | 10 | MN16 | 1.8 |
| Uttarbeni?Parmandal (lower) | India | 7 | MN16 | 2.285714 |
| Triversa (Fornace RDB) | Italy | 11 | MN16 | 1.181818 |
| Ostraja Sopka | Kazakhstan | 2 | MN16 | 2.5 |
| Ain Brimba | Tunisia | 9 | MN16 | 2.444444 |
| Lomekwi | Kenya | 19 | MN16 | 2.105263 |
| Lomekwi 5 | Kenya | 29 | MN16 | 2.206897 |
| Lomekwi 4 | Kenya | 26 | MN16 | 2.153846 |

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|---|---|---|---|---|
| Lomekwi 4 East | Kenya | 5 | MN16 | 2.2 |
| Laetoli_18 | Tanzania | 12 | MN16 | 2.5 |
| Laetoli_7E | Tanzania | 8 | MN16 | 2.375 |
| Shamar | Mongolia | 5 | MN16 | 2.2 |
| Beteke | Kazakhstan | 2 | MN16 | 3 |
| Beregovaya 1 | Russia | 9 | MN16 | 2 |
| Shungura C | Ethiopia | 42 | MN16 | 2.261905 |
| Charyn lower | Kazakhstan | 2 | MN16 | 2.5 |
| Kada Hadar | Ethiopia | 22 | MN16 | 2.318182 |
| Pont de Gail | France | 5 | MN16 | 1.8 |
| Olivola FU | Italy | 11 | MN16 | 2.181818 |
| Selvella | Italy | 3 | MN16 | 3 |
| Montopoli FU | Italy | 11 | MN16 | 1.909091 |
| Itantsinian FC | Russia | 4 | MN16 | 1.75 |
| Klochnevo 1 Eopleisto | Russia | 3 | MN16 | 1.666667 |
| Farneta | Italy | 10 | MN16 | 2.3 |
| Pantalla | Italy | 3 | MN16 | 2.333333 |
| Costa San Giacomo FU | Italy | 11 | MN16 | 2.090909 |
| Pirro | Italy | 8 | MN16 | 2.5 |
| Strekov | Slovakia | 8 | MN16 | 1.375 |
| Nova Vieska | Slovakia | 8 | MN16 | 1.375 |
| Livakos (LIV) | Greece | 9 | MN16 | 2 |
| Polylakkos | Greece | 5 | MN16 | 2.2 |
| Alikes (ALK) | Greece | 4 | MN16 | 3 |
| Slivnitsa | Bulgaria | 9 | MN16 | 2.555556 |
| Krimni (KRI) | Greece | 5 | MN16 | 2.2 |
| Tourkovounia 3-5 | Greece | 3 | MN16 | 1.666667 |
| Dealul Viilor | Romania | 4 | MN16 | 2.25 |
| Irimesti | Romania | 3 | MN16 | 2.333333 |
| Leu | Romania | 4 | MN16 | 2.25 |
| Lisa | Romania | 4 | MN16 | 1.5 |
| Graunceanu | Romania | 13 | MN16 | 1.923077 |
| Hasanpasa | Turkey | 2 | MN16 | 3 |
| Peyrolles | France | 3 | MN16 | 1.666667 |
| Tsalka | Georgia | 6 | MN16 | 2 |
| Obigarm1 | Tajikistan | 2 | MN16 | 3 |
| Kuruksaj | Tajikistan | 18 | MN16 | 2.055556 |
| Saty upper | Kazakhstan | 3 | MN16 | 2.333333 |
| Aktau upper | Kazakhstan | 2 | MN16 | 1 |
| Triversa F.U | Italy | 9 | MN16 | 1.222222 |
| Capo Figari 1 | Italy | 4 | MN16 | 1.75 |
| Upper Valdarno | Italy | 5 | MN16 | 3 |
| Sterkfontein 4 | South Afric | 24 | MN16 | 2.333333 |
| Laetoli_Upper Ndolanya Beds | Tanzania | 8 | MN16 | 2.25 |
| Lomekwi 2 | Kenya | 6 | MN16 | 3 |
| Kangatukuseo I | Kenya | 12 | MN16 | 2.25 |
| Kangatukuseo III | Kenya | 6 | MN16 | 3 |

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|---|---|---|---|---|
| Kopala 2 | Kazakhstan | 7 | MN16 | 2.428571 |
| Lomekwi 1 | Kenya | 21 | MN16 | 2.285714 |
| Kangatukuseo II | Kenya | 20 | MN16 | 2.4 |
| Roccaneyra | France | 9 | MN16 | 2.333333 |
| Hata (Bouri Fm.) | Ethiopia | 31 | MN16 | 2.322581 |
| Shungura D | Ethiopia | 35 | MN17 | 2.057143 |
| Kalochoro IV | Kenya | 5 | MN17 | 3 |
| Zhuravlevka | Ukraine | 2 | MN17 | 2 |
| Timanovka | Ukraine | 2 | MN17 | 1.5 |
| Tulchin | Ukraine | 6 | MN17 | 1.5 |
| Podgornoe | Ukraine | 2 | MN17 | 1 |
| Kljastitsy | Ukraine | 2 | MN17 | 1 |
| Timkovo | Ukraine | 5 | MN17 | 1.4 |
| Borshchi | Ukraine | 2 | MN17 | 1 |
| Svetlodolinskoe | Ukraine | 2 | MN17 | 1 |
| Domnitsa | Ukraine | 2 | MN17 | 1.5 |
| Tashbulak | Uzbekistan | 3 | MN17 | 1.666667 |
| Alabuga | Kyrgyzstan | 5 | MN17 | 2.6 |
| Lokalalei 1 | Kenya | 12 | MN17 | 2.5 |
| Lomekwi 3 | Kenya | 14 | MN17 | 2.357143 |
| Shungura E | Ethiopia | 29 | MN17 | 1.862069 |
| Tankhizdarja | Uzbekistan | 3 | MN17 | 2.666667 |
| Kapetanios | Greece | 4 | MN17 | 1.75 |
| Oosterschelde | Netherland | 7 | MN17 | 1.857143 |
| Noordzee I | Netherland | 2 | MN17 | 2 |
| Tegelen | Netherland | 6 | MN17 | 1.666667 |
| Charyn upper | Kazakhstan | 4 | MN17 | 2 |
| Shungura F | Ethiopia | 33 | MN17 | 2.030303 |
| Almenara-Casablanca 1 | Spain | 5 | MN17 | 2.6 |
| Montouss? 5 | France | 5 | MN17 | 1.2 |
| La Puebla de Valverde | Spain | 12 | MN17 | 2 |
| Longdan | China | 8 | MN17 | 2.125 |
| Zasukhino 2 | Russia | 3 | MN17 | 2.333333 |
| Yuxian-Dongyaozitou | China | 8 | MN17 | 2.25 |
| Nihewan_Xiashagou | China | 11 | MN17 | 2.454545 |
| zhoukoudian_Loc18 | China | 2 | MN17 | 2 |
| Dafnero (DFN) | Greece | 5 | MN17 | 2.4 |
| Sesklon (SES) | Greece | 15 | MN17 | 2.133333 |
| Varshets | Bulgaria | 7 | MN17 | 1.571429 |
| Pietris | Romania | 5 | MN17 | 2 |
| Roscai | Romania | 2 | MN17 | 2 |
| Taung | South Afric | 5 | MN17 | 1.4 |
| Slatina 2 | Romania | 2 | MN17 | 2 |
| Volax (VOL) | Greece | 7 | MN17 | 2.428571 |
| Asagicobanisa 1 | Turkey | 3 | MN17 | 3 |
| Pardines | France | 10 | MN17 | 2 |
| Chilhac | France | 10 | MN17 | 2 |

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|---|---|---|---|---|
| Coupet | France | 14 | MN17 | 2 |
| Sarikol Tepe (Sinap 82) | Turkey | 3 | MN17 | 3 |
| Ain Boucherit | Algeria | 18 | MN17 | 2.555556 |
| Saint Vallier Banc LD2 | France | 6 | MN17 | 2 |
| Saint Vallier Banc LD3 | France | 11 | MN17 | 1.727273 |
| Saint Vallier | France | 15 | MN17 | 1.933333 |
| Saint Arnaud | Algeria | 4 | MN17 | 2.5 |
| Cornillet 1 | France | 3 | MN17 | 1.666667 |
| Cornillet 3 | France | 6 | MN17 | 1.666667 |
| Sen?ze | France | 19 | MN17 | 2 |
| Kairakkum | Uzbekistan | 2 | MN17 | 2 |
| Podpusk-Lebyazhje | Kazakhstan | 8 | MN17 | 2.375 |
| Adyrgan | Kazakhstan | 5 | MN17 | 2.4 |
| Ileret 1 | Kenya | 13 | MN17 | 2.538462 |
| Il Naibar 4 | Kenya | 18 | MN17 | 2.444444 |
| Beregovaya | Russia | 2 | MN17 | 2.5 |
| Klochnevo I-1 | Russia | 3 | MN17 | 2 |
| Montopoli | Italy | 10 | MN17 | 1.8 |
| Tjidulang | Indonesia | 3 | MN17 | 1.666667 |
| Costa S. Giacomo | Italy | 10 | MN17 | 2.2 |
| Hondeklip Bay | South Afric | 4 | MN17 | 2.25 |
| Makapansgat 4 | South Afric | 16 | MN17 | 1.75 |
| Makapansgat 3 | South Afric | 34 | MN17 | 2.029412 |
| Farlandy | Moldova | 2 | MN17 | 1 |
| Nogaret | France | 5 | MN17 | 1.8 |
| Andriashevka | Ukraine | 2 | MN17 | 1 |
| Starovo | Ukraine | 2 | MN17 | 1 |
| Odessa 3 | Ukraine | 3 | MN17 | 2.333333 |
| Chiwondo (unit 3B) | Malavi | 2 | MN17 | 3 |
| Kanam East | Kenya | 12 | MN17 | 2 |
| Kanam West | Kenya | 17 | MN17 | 2.117647 |
| Bala Deino | Kenya | 6 | MN17 | 1.666667 |
| Kanam Central (Rawi) | Kenya | 2 | MN17 | 3 |
| Kanam East Hot Springs | Kenya | 4 | MN17 | 2.5 |
| Kanam HC 845 | Kenya | 2 | MN17 | 2 |
| Kanam HC 869 | Kenya | 2 | MN17 | 1 |
| Laetoli_ndolanya beds | Tanzania | 7 | MN17 | 2.142857 |
| Lomekwi 8 | Kenya | 11 | MN17 | 2.454545 |
| Kubi Algi | Kenya | 6 | MN17 | 2.166667 |
| Gamedah | Ethiopia | 6 | MN17 | 2.333333 |
| Kesem-Kebena 1 | Ethiopia | 5 | MN17 | 2.6 |
| Stavropol-Kavkazskij | Russia | 10 | MN17 | 1.7 |
| Lok-Batan | Azerbaijan | 2 | MN17 | 2 |
| Ain Jourdel | Algeria | 9 | MN17 | 2.222222 |
| Gidzhalsaj | Uzbekistan | 4 | MN17 | 2.25 |
| Saketi | India | 3 | MN17 | 1 |
| Menzel Bourguiba | Tunisia | 2 | MN17 | 1 |

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|---|---|---|---|---|
| Dzhenama | Kazakhstan | 5 | MN17 | 1.4 |
| Gwebin | Burma | 7 | MN17 | 1.714286 |
| Kangaki 1 and 2 | Kenya | 13 | MN17 | 2.538462 |
| Kopala 3 | Kazakhstan | 2 | MN17 | 2 |
| Podpusk-Lebyazhje 2 | Kazakhstan | 6 | MN17 | 2.333333 |
| Lomekwi 7 | Kenya | 2 | MN17 | 3 |
| Kalakodo | Kenya | 13 | MN17 | 2.461538 |
| Shungura G | Ethiopia | 49 | MN17 | 2.081633 |
| Chonbulak | Kyrgyzstan | 3 | MN17 | 2.666667 |
| Kanjera 2 | Kenya | 15 | MN17 | 2.133333 |
| Liventsovka (Rostov-on-Don) | Russia | 14 | MN17 | 1.928571 |
| Ahl al Oughlam | Morocco | 16 | MN17 | 2.25 |
| Malapa | South Afric | 6 | MN17 | 1.666667 |
| Zhevakhova Gora | Ukraine | 6 | MN17 | 2 |
| Karari Ridge 2 | Kenya | 50 | MN17 | 2.18 |
| Berdjansk | Ukraine | 2 | MN17 | 2 |
| Ljapino | Ukraine | 3 | MN17 | 2.333333 |
| Zhdanov | Ukraine | 4 | MN17 | 2 |
| Rostov (na Donu) - Taganrog | Russia | 8 | MN17 | 2.375 |
| Vinodelnoe (Kutsaj) | Russia | 3 | MN17 | 3 |
| Nurnus | Armenia | 3 | MN17 | 2 |
| Ajdyrlja | Russia | 3 | MN17 | 1.666667 |
| Shakhrizyabz | Uzbekistan | 2 | MN17 | 3 |
| Gulizindon | Tajikistan | 4 | MN17 | 2.25 |
| Koktyurlyuk | Tajikistan | 5 | MN17 | 2.4 |
| Bel'dersaj | Uzbekistan | 3 | MN17 | 2.666667 |
| Dzhylgyndykoo | Kyrgyzstan | 2 | MN17 | 3 |
| Ichketasma | Kyrgyzstan | 3 | MN17 | 2.666667 |
| Koobi Fora Ridge 2 | Kenya | 43 | MN17 | 2.116279 |
| Zasuchino 4 | Russia | 2 | MN17 | 3 |
| Yakkabed | Tajikistan | 11 | MN17 | 2.363636 |
| Bura Hasuma | Kenya | 47 | MN17 | 2.234043 |
| Il Dura (Koobi Fora) | Kenya | 32 | MN17 | 2.375 |
| Q-Profil | Greece | 5 | MN17 | 2.6 |
| Kastritsi | Greece | 2 | MN17 | 1 |
| Karari Ridge 3 | Kenya | 36 | MN17 | 2.111111 |
| Olduvai Bed I | Tanzania | 48 | MN17 | 2.3125 |
| Shungura H | Ethiopia | 17 | MN17 | 2.529412 |
| Fonelas | Spain | 6 | MN17 | 2 |