

Supplementary Materials for

Dwarfism and gigantism drive human-mediated extinctions on islands

Roberto Rozzi *et al.*

Corresponding author: Roberto Rozzi, roberto.rozzi@idiv.de or roberto.rozzi@mfn.berlin

Science **379**, 1054 (2023)
DOI: 10.1126/science.add8606

The PDF file includes:

Materials and Methods
Figs. S1 to S11
Tables S1 to S13
References

Other Supplementary Material for this manuscript includes the following:

MDAR Reproducibility Checklist

Materials and Methods

Database

We assembled a population-level dataset comprising 1,539 extant native populations of insular terrestrial mammals (390 species from 18 orders; fig. S1) by compiling data from assessments of the island rule (9, 11, 12, 42) (172 original data sources) (43–214) and other recent studies (215–222). To be able to combine data obtained from extant and fossil species in our analyses of extinction risk, we also compiled a species-level dataset, which encompasses 1,231 extant and 350 extinct species of insular terrestrial mammals from 19 orders (fig. S1). Extant species names were standardized based on the Mammal Diversity Database (v1.7) (223). To overcome potential issues associated with the use of subspecies in paleontology (224, 225), extinct subspecies and extirpated populations of extant taxa - e.g., *Bison priscus siciliae* from the late Middle Pleistocene-early Late Pleistocene of Sicily (226) - were coded as separate species and included in the species-level dataset.

Our population-level and species-level datasets include body masses of insular and mainland or ancestral populations and species, and estimations of body size change. For each island–mainland comparison, we calculated the magnitude of body size change as the absolute value of the common logarithm of the ratio between the mean body mass of individuals from an insular population or species and that of closest known mainland relatives (9, 11, 51–53). To be able to evaluate the effect of the magnitude of body size change on extinction risk independently of its direction, we coded the direction of body size change as a distinct, categorical variable: dwarfism, gigantism, no substantial change (log size ratio = 0). Different categories of body size change were used in the analysis of extinction rates (see below). Our species-level dataset includes median values of body mass and magnitude of body size change derived from the population-level dataset (382) and data from additional insular endemic species (849 extant), for which population-level information was not available. We obtained body masses of extant and extinct species from the Phylogenetic Atlas of Mammal Macroecology (PHYLLACINE v1.2.1) (227) and other scientific literature (11, 23, 24, 42, 61, 226, 228–290). We complemented these values with mean estimates obtained by using published allometric equations and morphometric data extracted from 22 studies (54, 291–311). We selected the closest mainland species by performing species-specific searches in the Web of Science Core Collection and Google Scholar (23, 31, 166, 226, 230, 232–234, 237, 239, 240, 244–251, 254–257, 259, 262, 265, 267, 272, 273, 278, 279, 282, 284–286, 301, 312–432). To overcome potential issues associated with data imputation (433, 434), we excluded from our assessment of the relationship between body size change and extinction risk island-mainland comparisons that were not supported by phylogenetic or taxonomic evidence; however, we included those insular species with uncertain or unknown ancestral taxa in our investigation of the relationship between body mass and extinction risk.

We combined the data on body mass and body size change with information on endemism and extinction risk. We classified insular mammals into two groups: endemic taxa (species endemic to islands or archipelagos and populations of those species); non-endemic taxa (species that also occur or occurred on the mainland and populations of those species). We collated information on species-level and infra-specific extinction risk from the IUCN Red List (v2021.2) (31). In particular, in case of populations that were assessed separately by the IUCN (e.g., Zanzibar Small-eared Galago, Golden-bellied Crowned Monkey), subspecies-level information was used in the population-level dataset. In most cases, however, we had to use species-level extinction risk information to complete our population-level dataset, because neither global nor regional Red List assessments included infra-specific information for non-endemic focal taxa.

We took this into account in our analyses at the population-level, by discussing results obtained for endemic and non-endemic taxa separately (see below). For our analyses, we excluded species classified as Data Deficient (DD) and species not yet assessed, such as the Hon Khoai squirrel and Sir David Attenborough's myotis. We focused on taxa listed as Least Concern (LC), Near Threatened (NT), Vulnerable (VU), Endangered (EN), Critically Endangered (CR), and Extinct (EX). Besides historic extinctions (EX), we included an additional, unofficial status, “extinct in prehistory” (EP) (435–437), to classify 295 taxa in our database that became extinct before 1500 CE.

To delve into the paleontological record of mammals on islands we assembled a dataset of 7,867 fossil occurrences at the species-level from 1,461 sources (24, 131, 226, 238, 241, 244, 248–254, 259, 260, 263–267, 269–275, 278–280, 282–289, 292, 295–297, 301, 304, 308–312, 314, 390, 395, 429–432, 438–610, 268, 611–1841), including scientific articles, books, collection databases and reports of excavations. Our dataset represents 182 islands and paleo-islands spanning 23.03 Ma (fig. S2). Because our main goal was to investigate the extinction of dwarfs and giants, we included all islands on which at least one extinct, endemic taxon occurred. We excluded the fossil records of the ‘island continent’ Australia and of Malta, which lacks adequate geochronological data and a robust biochronological scheme (8, 1495). However, we included paleo-islands that are currently part of mainland Europe, but that were isolated from neighboring mainland areas for long periods of time, such as those belonging to the late Miocene Tusco-Sardinian and Apulo-Abruzzi paleobioprovinces (288, 438, 439, 1842). We classified islands into two groups, based on their connection to continental landmasses during the time period covered by our dataset (22, 251, 267, 272, 277, 282, 285, 288, 292, 312, 340, 440–447, 800, 861, 1164, 1608, 1822, 1828, 1837, 1842–1872): oceanic islands (islands that have never been connected to continental landmasses since the Miocene or since their formation); continental islands (islands that were connected to continents at least once since the Miocene or since their formation). We compiled occurrences from all paleontological and archeological sites in which fossil remains of at least one extinct (either globally or locally) mammal taxon were found. Our dataset encompasses occurrences also based on fossil remains of native extant species and selected prehistoric introductions which are known to have become established as wild populations (e.g., *Isolobodon portoricensis* from Hispaniola) (24, 939, 1669). To minimize the risk of species misidentification, we excluded occurrences based on ichnofossils, such as coprolites or footprints. We also excluded occurrences based on genus- or family-level identifications (sp., indet., incertae sedis), except for those likely representing new, undescribed taxa in the literature or the only occurrence of a genus on a given island. However, we included species affines and confer and coded them as separate species or synonyms, respectively. Finally, if a species list of a given site included a taxon identified as “species A or species B”, we retained both species in our dataset. To aggregate the best available occurrence data for each island and to address issues associated with ‘big data’ quantitative approaches to extinction studies (1873), we applied a rigorous protocol (fig. S2A). To define the maximum and minimum age of each fossil occurrence, we gave priority to direct absolute dates or, if not available, associated, indirect dates based on remains of other vertebrates, invertebrates or plants. We disregarded indirect dates whose association with the focal species was questionable (e.g., different stratigraphic provenience or other reasons explicitly stated in the original studies). In the case of radiocarbon dates, we used calibrated 2σ age ranges, either obtained from the original studies or, if not available, estimated by calibrating raw dates using the CALIB REV8.2 software (1874, 1875) and relevant calibration curves (IntCal20 (1876), MARINE20 (1877), SHCal20 (1878)). Calibrated ages were expressed in years BP (Before Present, 0 cal BP = 1950 CE). In the absence of dated remains, we used other geochronological data (e.g., tephrochronology,

paleomagnetism, radiometric dating of flowstones and stalagmites) and/or stratigraphic evidence to constrain the age of each fossil occurrence. Finally, we relied on biochronological evidence or chronological seriation if no geochronological data were available for a given site. For some localities, we used a combination of these criteria to establish the age of local faunal assemblages as in the original studies. In the case of Madagascar, it was not possible to apply our criteria strictly, as most of the occurrences lack a precise stratigraphic context and no biochronological schemes are available (688, 719, 1717, 1792). However, we used dated remains of extant and extinct species from each subfossil locality to constrain the age of co-occurring undated extinct and extant species, respectively. We are aware that, in the absence of stratigraphic information, the accuracy of indirect dates should be viewed with caution (22, 1663, 1879), so we repeated our analyses by including only direct dates of Madagascan mammals, and this did not change our results substantially (fig. S9A).

To examine how extinction rates of insular mammals have changed over time as a function of their body size evolution and human colonization patterns, we recorded dates of arrival of pre-*sapiens* hominins and *Homo sapiens* on each island, based on the earliest archeological evidence and 86 sources (22, 24, 266, 287, 441–443, 524, 540, 609, 635, 644, 712, 755, 825, 902, 908, 931, 949, 1079, 1080, 1233, 1238, 1290, 1407, 1509, 1523, 1567, 1570, 1579, 1622, 1626, 1669, 1695, 1822, 1832, 1838, 1856, 1880–1927). In case of marked discrepancies between different modern human dispersal models - e.g., early and late dispersal models for Madagascar and several islands in Southeast Asia - we provided ranges of modern human arrival times.

Extinction risk

Input data. To investigate the relationships between extinction risk and body size evolution, we defined two binary response variables: we treated living species as nonthreatened (LC/NT) or threatened (VU/EN/CR) and all species in our database as extant (LC/NT/VU/EN/CR) or extinct (EX/EP). We complemented data on body masses and extinction risk of insular species with data on 3,953 mainland species extracted from PHYLACINE (227), including 210 late Quaternary extinct species.

Generalized linear mixed effects models (GLMMs). We ran binomial generalized linear mixed effects models for extant insular mammals and all insular mammals together. We included taxonomic order as a random intercept in all models to account for taxonomic relatedness (25, 1928). We scaled body mass with a Z-transformation and performed model diagnostics by inspecting residual plots created with the DHARMa package (1929). To summarize the amount of variance in the data explained by each model, we calculated marginal and conditional R^2 values (1930). We tested for predictor collinearity using variance inflation factors (<5 for all predictors) (1931).

At the species level, we evaluated the relationship between extinction risk (probability of being threatened or probability of being extinct) and the magnitude of body size change and body mass (Fig. 1, figs. S3 and S4, and tables S1 to S3). We also tested whether the relationship between extinction risk and magnitude of body size change was dependent on body mass and on the direction of body size change, by including the interactions magnitude x body mass and magnitude x direction (Fig. 1 and tables S1 to S3). To explore whether our results were robust to a more restrictive definition of extinction risk, we repeated our analysis by excluding prehistoric extinctions and by coding the remaining species as extant or historically extinct (EX) (fig. S5A and table S6).

We also assessed whether the probability of being threatened is correlated with the magnitude of body size change at the population-level (fig. S5, C and D, and tables S4 and S5). In this

analysis, we included both the direction of body size change (interaction) and endemism (interaction) as fixed effects to account for the fact that our population-level dataset encompasses not only populations of island endemics, but also several populations of taxa with a wider geographic range (which occur both on the mainland and on one or multiple islands). In our dataset, the latter populations were often assigned to different threat categories based on species-level extinction risk information, potentially leading to an over-representation of non-threatened populations of non-endemic species which might be, in fact, locally endangered on islands. This might have affected the results of our assessment of the relationship between extinction risk and body size change for populations of non-endemic species and might explain the gentler slopes - and even a negative slope for populations of non-endemic giants - that we recorded (fig. S5D and tables S4 and S5).

To avoid rank deficiency in fixed-effect matrices of multiple predictor models, we excluded the few insular species (6 extant, 8 extinct) and populations (16) which have not experienced any change in body size from our analyses of extinction risk. Nevertheless, we reported models including those taxa in tables S2 and S5 to show that, despite their inclusion, the simple relationship between the probability of being threatened and the magnitude of body size change remains significant and positive. Fossil taxa that are assumed not to have undergone any size change ($n=8$) were excluded because in most cases their body size change was assessed qualitatively [e.g., *Cervus elaphus rossii* from Corsica (246), *Oryzomys antillarum* from Jamaica (240)].

Moreover, we investigated the relationship between body mass and extinction risk and whether it is significantly different between mainland and insular species (additive and interaction effects) (Fig. 2, A and B, and tables S7 and S8). Because our dataset does not include mainland species that went extinct before the Late Pleistocene, we repeated the analysis by excluding older insular species and prehistoric extinctions and obtained similar results (table S7). We also explored raw data by plotting the proportion and number of threatened, extinct, and historically extinct species within each body mass class on islands and on the mainland (Fig. 2, C and D, and fig. S5B).

Finally, in addition to testing the effect of each predictor separately, we also fitted more complex models with different combinations of all predictors (magnitude and direction of body size change, body mass), and a null model (intercept-only). We used Akaike information criterion scores corrected for small sample size (AICc) (1932–1934) to rank our models and to assess whether the magnitude of body size change is a better predictor of extinction risk for insular mammals than body mass per se.

Phylogenetic logistic regressions. As a sensitivity analysis and to further control for phylogenetic dependence we fitted phylogenetic logistic regressions (1935, 1936) (fig. S6 and tables S9 to S12). We assessed the effect of the magnitude of body size change and body mass separately and reported AICc scores to rank our models. We also computed a coefficient of determination based on the likelihood of fitted models, R^2_{lik} (1937). This score is suitable for models with correlated errors, such as phylogenetic logistic regressions, and it reflects the amount of information that the models contain (1937). Each phylogenetic logistic model also includes an estimated parameter (alpha) that controls the strength of the phylogenetic signal in the dependent variable (i.e., extinction risk) (1935, 1936). This parameter is scaled so that smaller values of alpha, closer to zero, indicate greater phylogenetic signal.

To be able to include all extant and extinct taxa with trait information in these analyses, we generated a pseudo-posterior distribution of completely sampled phylogenies by using a stochastic polytomy resolver - Taxonomic Addition for Complete Trees (TACT) (1938). First,

we selected 100 randomly drawn node-dated backbone trees from the most recent mammal phylogenies currently available at the species-level (416). We then compiled a taxonomic list which included all taxonomic ranks (e.g., genus, family, order) for both sampled and unsampled taxa – that is, extant and extinct taxa not included in the backbone trees, but for which we had trait data. For the extant species names included in the taxonomic list, trait database, and backbone trees, we followed Upham et al (416). We used TACT to convert the taxonomic list into a topology and, finally, to add our unsampled species to each of the 100 backbone trees indicated above. All in all, we obtained 100 pseudo-posterior, complete trees, that we used to run phylogenetic logistic regressions.

We used the package sensiPhy (1939) to estimate the impact of different types of uncertainty on our phylogenetic analyses. We ran phylogenetic logistic regressions across our 100 complete trees obtained by TACT to account for phylogenetic uncertainty (i.e., variation in tree topologies and node ages) (fig. S6 and tables S9 to S12) (416, 1939). We also used 100 DNA-only trees in our analyses across extant insular species and populations, because taxonomically imputed species move around at random within the taxonomic constraints (416, 1940). Despite this and other potential uncertainties associated with the expansion of phylogenies (e.g., our complete trees include taxonomically imputed extinct species that are thought to be part of anagenetic lineages), our combined approach of phylogenetic logistic regressions and GLMMs further ensures that our results are robust. In addition, we used our population-level dataset to investigate the relationship between the probability of being threatened and our traits while evaluating not only phylogenetic uncertainty, but also data uncertainty (i.e., intraspecific variability in explanatory variables) (fig. S6 and table S11). SensiPhy accounts for intraspecific variation by simulating trait values for each species derived from the intraspecific standard deviation of the mean, which we calculated from our population-level dataset, and assuming a normal distribution (1939). Because different types of uncertainty can interact and potentially further reduce the robustness of results, we also accounted for the interaction between data and phylogenetic uncertainty (1939). For each analysis and estimated parameter, we reported standard deviation, maximum, minimum, mean values and 95% confidence intervals.

Phylogenetic signal of body size change

To assess the robustness of our approach in analyzing extinction risk, we tested for phylogenetic signal in the magnitude of body size change using Blomberg's K (1941) and Pagel's λ (1942) and in the direction of body size change using the D-statistic (1943). We performed the estimates of phylogenetic signal across our 100 complete trees to incorporate the uncertainty in tree topology (fig. S7B). Finally, we synthesized the evolution of insular dwarfs and giants by plotting the direction of body size change, as defined in our extinction risk analysis, on the mammal tree of life (fig. S7A). The phylogeny in fig. S7A includes only insular species ($N = 827$). We found no phylogenetic signal in the magnitude of body size change using Blomberg's K (mean K across replicates = 0.01, $p > 0.05$ for all replicates) and values of Pagel's λ (mean λ across replicates = 0.80, $p < 0.001$ for all replicates) indicate that this trait has not evolved according to a pure Brownian motion model (fig. S7B). Furthermore, we found that closely related island mammals were not necessarily more similar in their direction of body size change than distantly related species (fig. S7B, mean D across replicates = 0.59). These results further support our decision to not impute missing values for the magnitude and direction of body size change (see above). In fact, the accuracy of phylogenetic imputations decreases in the absence of a strong phylogenetic signal in the focal traits (433, 1944).

Extinction rates in the fossil record

We analyzed the fossil record of mammals on islands using the Bayesian framework implemented in the program PyRate (1945–1947). We estimated extinction and preservation rates through time and speciation and extinction times of each species, while accounting for dating uncertainties and incomplete sampling due to preservation processes. To account for potential discrepancies between rates calculated at different temporal scales – i.e., different temporal resolution and extent (7, 1948), we adopted a nuanced approach and ran three separate analyses. First, we ran a broad analysis through the complete temporal interval (last 23.03 Ma) to detect times of significant extinction rate change. To quantify the magnitude and extent of the latest rate shift, we then ran two analyses over the last 2.58 Ma (Quaternary) and 0.129 Ma (Late Pleistocene + Holocene) at progressively finer temporal resolutions (setting the time units in the analyses to 100 kyr and 10 kyr, respectively).

We determined the best-fitting preservation model for our dataset of fossil occurrences using maximum likelihood and implemented a time-variable Poisson process in each analysis (1945–1947). This model of preservation assumes constant preservation rates within predefined time frames, but it allows them to vary across time frames (in our case, geological stages). We used reversible-jump Markov Chain Monte Carlo (RJMCMC) to estimate the number and temporal placement of extinction rate shifts. For each analysis, we ran PyRate for 100 million RJMCMC iterations and sampled every 10,000 iterations to obtain the posterior estimates of all parameters (origination and extinction times of all species, preservation rates, extinction rates). We used the program Tracer (1949) to ensure that the analyses reached convergence. The minimum temporal distance between shifts in extinction rates was set to 250 and 100 ka in the first two analyses and to 1 ka in the analysis starting from the Late Pleistocene. To incorporate dating uncertainties, we ran 10 parallel PyRate runs after randomly resampling the ages of the fossil occurrences from their stratigraphic ranges and combined their results in joint posterior samples. In total, we obtained 3 joint posterior samples and, after discarding the first 200 samples (equivalent to the first 2 million iterations) as burnin, we used them to calculate the sampling frequencies of birth-death models with different number of extinction rate shifts (fig. S11) and to plot extinction rates through time and inferred times of rate shifts (Fig. 3, A to C, and fig. S8). We used the command -grid_plot 0.05 to increase the resolution of the plots. This command allows to define shorter temporal bins (0.05 time units) utilized to calculate marginal rates and times of rate shift. From the estimated extinction rates, we also calculated the relative magnitudes of rate change for each analysis by dividing the extinction rate at a given time point by the extinction rate at the beginning of each time frame (23.03 Ma, 2.58 Ma and 0.129 Ma; fig. S8). Finally, we combined times of extinction inferred from our broader analysis and from the literature (31, 416, 1803) to map extinctions of 226 insular dwarfs and giants through time (fig. S7C).

Our dataset includes fossil occurrences of species that are part of endemic anagenetic lineages, and this might affect the temporal placement and magnitude of estimated extinction rate shifts. Accordingly, we repeated our PyRate analyses by excluding basal and intermediate members of anagenetic lineages (N = 51; fig. S9). Results of these sensitivity analyses were not substantially different than those obtained for the complete dataset, as they confirmed the temporal placement and magnitude of the best supported extinction rate shifts, especially over the last 2.58 Ma and 0.129 Ma (fig. S9).

Time-and-trait-dependent extinctions

To explore how extinction rates changed across lineages as a function of our traits (body mass, body size change, endemism and island type), we implemented a novel multi-trait-

dependent extinction model included in the software PyRate (1950). The multi-trait-dependent extinction model fits an extinction process with lineage-specific extinction rates, which depend on the states of one or multiple categorical traits. Specifically, the extinction rate of a lineage is defined as the product between an estimated average rate (shared by all lineages) and Dirichlet-distributed multipliers associated to each state of the categorical traits. In the presence of multiple traits, extinction rates are modulated by multipliers associated with each trait. To control for over-parameterization and assess the significance of each trait-dependent effect, the trait multipliers are coupled with trait-specific indicators, $I \in \{0, 1\}$, that can turn off the effect of a trait on extinction rate when $I = 0$. Comparing the prior and posterior probabilities of $I = 1$, we can compute the statistical support for a trait-specific effect through Bayes factors (1950). Here, we further expanded the multi-trait-dependent extinction model to incorporate the potential effect of time-dependent and lineage-specific traits, namely the overlap with pre-*sapiens* and with modern humans on the same island. To achieve this we quantified, for each lineage, the time after which the species co-existed with pre-*sapiens* and the time after which the species co-existed with modern humans, based on its geographic distribution and estimated dates of human arrival on the island(s). We note that for species that went extinct before human arrival on their island the amount of time of coexistence with humans is set to 0. We then considered the trait-dependent lineage-specific extinction rates as background rates and multiplied them by a factor h_p after the time of pre-*sapiens* arrival and by a factor h_s after the time of arrival of modern humans. Thus $h > 1$ indicates a rate increase associated with human arrival, while $h < 1$ indicates a rate decrease. The parameters h_p and h_s were treated as independent parameters shared among all lineages (while having an effect at different times and only on lineages with overlap with humans) and sampled jointly with the mean extinction rate and trait-dependent multipliers through MCMC. We assigned a log-normal prior on h_p and h_s centered in 1 (i.e., no effect) such that $\log_{10}(h) \sim N(0, 1)$. We termed this model that adds time-dependent effects to the trait-dependent extinction model as time-and-trait-dependent extinction model.

We classified species in seven body mass categories and seven categories of body size change (table S13). Furthermore, we coded endemism and island type as two (endemic, non-endemic) and three (continental, oceanic, continental + oceanic) categories, respectively (table S13). Unraveling the contributions of anthropogenic and environmental drivers on pre-Holocene local extinctions of mammals on each island or archipelago is challenging (5, 22, 23). Accordingly, we restricted our assessment of human impacts to evaluating how the time overlap of insular mammals with humans affected global extinction rates on islands. We used times of origination and extinction inferred from the joint posterior samples obtained from our PyRate analyses over the last 23.03 Ma, 2.58 Ma, and 0.129 Ma (see above) to implement the time-and-trait-dependent extinction model for extant and extinct insular mammals with trait data ($N = 374, 355$, and 285). We ran analyses based on early and late modern human dispersal models and including or excluding basal and intermediate members of anagenetic lineages (Fig. 3 and fig. S10). We used the Probability of Direction to evaluate the strength of empirical evidence in favor of a positive or negative effect of overlap with pre-*sapiens* and with modern humans on extinction rates. We calculated the Probability of Direction as the fraction of posterior samples in which $h > 1$. This approximates the posterior probability of a positive effect of humans on extinction and it is strongly correlated with the frequentist p -value (Probability of Direction $> 97.5\% \sim p < 0.05$) (1951). We found that extinction rates during phases of temporal overlap of insular mammals with *H. sapiens* were significantly higher than before modern human arrival (Probability of Direction = 98.2% to 99.9% and 99.4% to 99.9% for the early and late dispersal scenarios, respectively). Most of our time-and-trait-dependent extinction analyses show that co-occurrence

with modern humans has increased extinction rates of over 10 times relative to pre-*sapiens*, background rates (Fig. 3I and fig. S10). In particular, the significant, positive effect of temporal overlap with modern humans is estimated at 7.50 to 24.33-fold depending on the baseline extinction rate used, on whether basal and intermediate members of anagenetic lineages were included or excluded, and on different modern human dispersal models (fig. S10). In contrast, we found that the effect of temporal overlap of insular mammals with pre-*sapiens* humans on their extinction rates, albeit positive (~2-fold), was weakly significant (Probability of Direction = 87.1% to 92.5% and 88.5% to 92.6% for the early and late dispersal scenarios, respectively; Fig. 3I and fig. S10). We also found that endemism and island type have the highest probabilities of having an effect on extinction rates ($P\mu$), with very strong statistical support ($P\mu > 0.887$, which is equivalent to a log Bayes factor > 10 given the default prior (1950); Fig. 3D and fig. S10). Moreover, in all analyses body size change has a higher $P\mu$ than body mass per se and higher extinction rates are associated with moderately to strongly giant and large to very large species (Fig. 3, G and H, and fig. S10).

Software used

We conducted analyses of fossil occurrences and generated our complete phylogenies in Python 3 (1952), using the program PyRate (1945–1947) and the stochastic polytomy resolver TACT (1938). We performed all other analyses in R version 4.1.2 (1953), using the packages ape v5.6-2 (1954), bayesplot v1.9.0 (1955, 1956), Cairo v1.5-15 (1957), caper v1.0.1 (1958), car v3.0-12 (1959), carData v3.0-5 (1960), DHARMa v0.4.5 (1929), dplyr v1.0.8 (1961), extrafont v0.17 (1962), forcats v0.5.1 (1963), ggeffects v1.1.1 (1964), ggplot2 v3.3.5 (1965), ggpubr v0.4.0 (1966), ggtree v3.2.0 (1967–1969), gridExtra v2.3 (1970), gt v0.4.0 (1971), IUCNpalette v0.1.0 (1972), lme4 v1.1-29 (1973), maps v3.4.0 (1974), MASS v7.3-54 (1975), Matrix v1.3-4 (1976), mvtnorm v1.1-3 (1977, 1978), phylolm v2.6.2 (1979), phytools v1.0-3 (1980), RColorBrewer v1.1-3 (1981), rnaturalearth v0.1.0 (1982), rnaturalearthdata v0.1.0 (1983), rr2 v1.0.2 (1937, 1984), sensiPhy v0.8.5 (1939), sf v1.0-7 (1985), sjPlot v2.8.10 (1986), tidyr v1.2.0 (1987) and visreg v2.7.0 (1988).

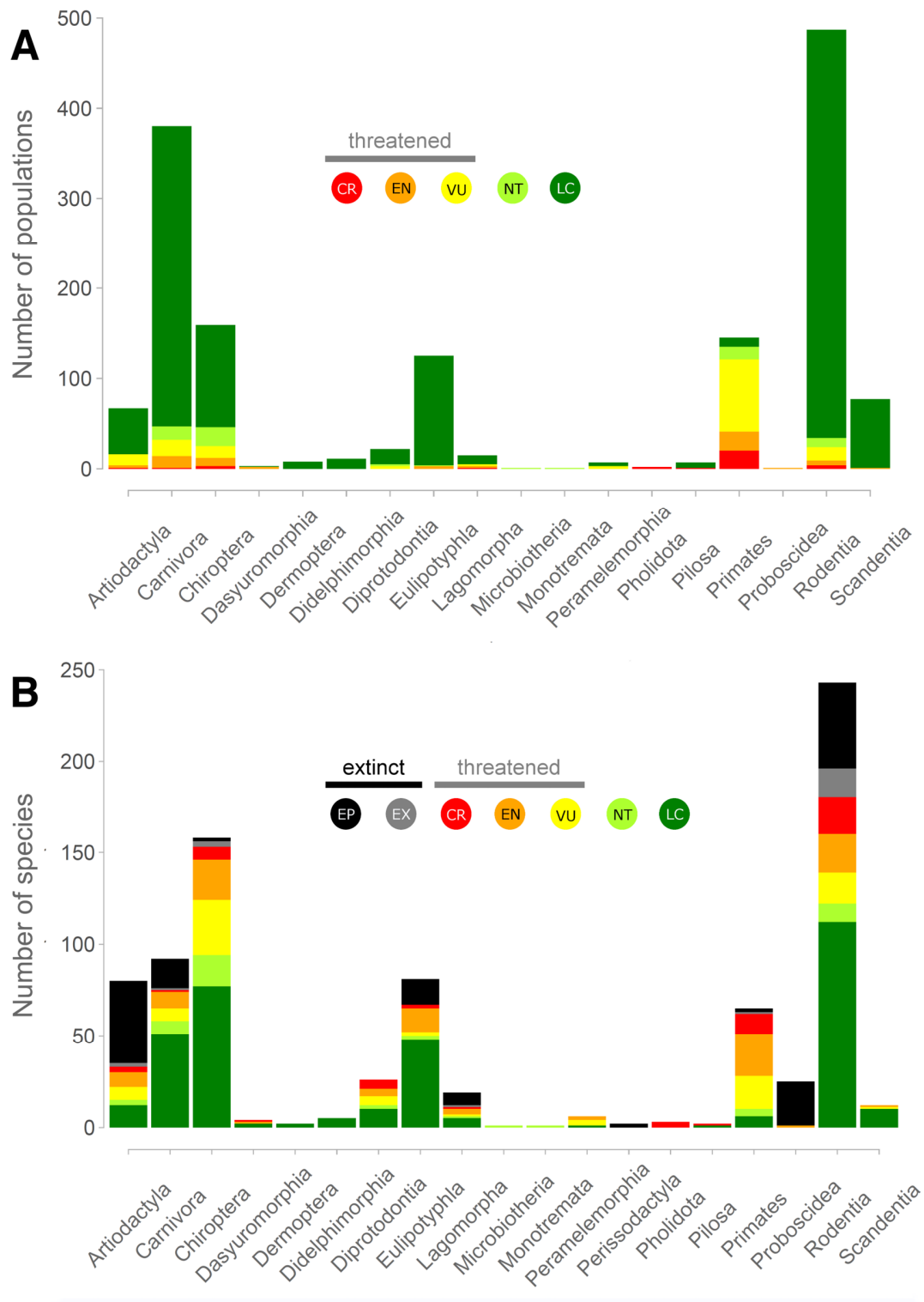


Fig. S1.

Number of populations (A) and species (B) of insular mammals by order and global conservation status included in our analysis of extinction risk.

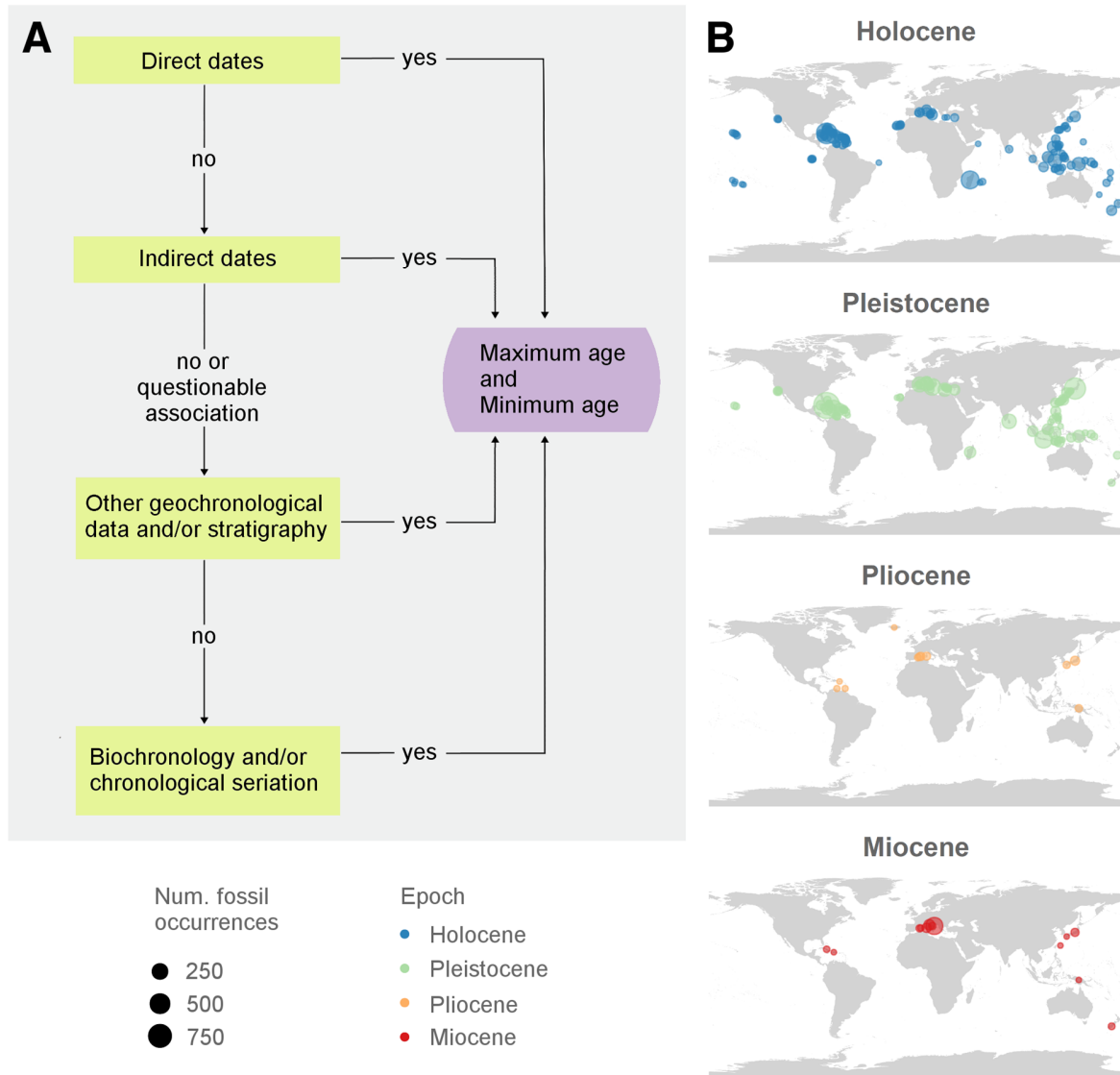


Fig. S2.

Flowchart outlining the protocol used to define the maximum and minimum age of each fossil occurrence in our global dataset (A). Priority was given to direct absolute dates, followed in this order by associated indirect dates, other geochronological data, stratigraphy, biochronology and chronological seriation. Location of fossil occurrences of insular mammals by geological epoch included in our extinction rate analysis (B). Fossil occurrences from Miocene (N = 455), Pliocene (N = 105), Pleistocene (N = 4603) and Holocene (N = 2704) local faunal assemblages are shown in orange, red, green and blue, respectively. The size of each point indicates the number of occurrences on each island or paleo-island (N = 182).

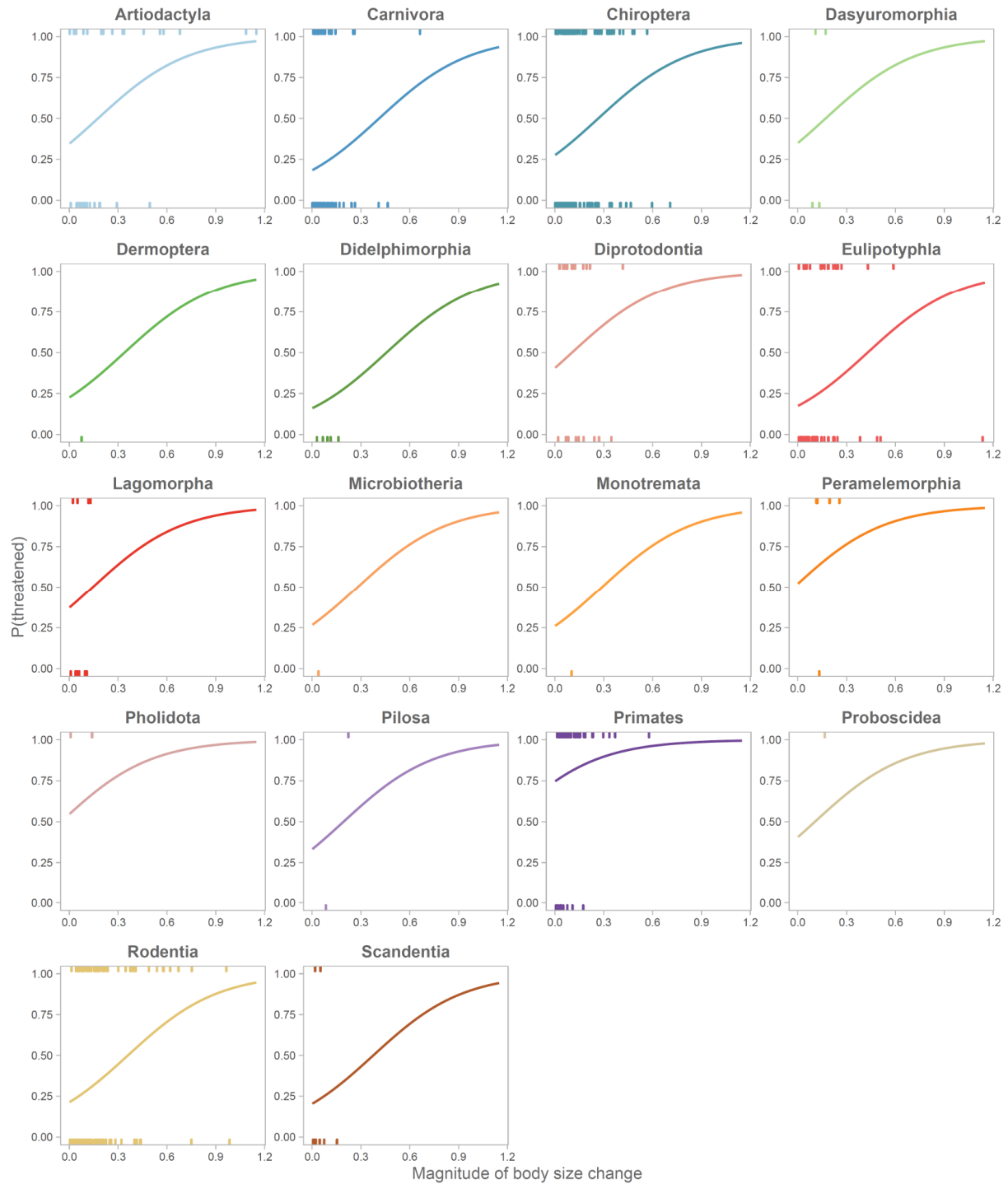


Fig. S3.

The effect of body size change on the probability of being threatened for insular mammals across 18 orders. Relationships between magnitude of body size change and probability of being threatened at the species level based on logistic GLMMs (see table S1 for details). Taxonomic order was used as a random effect on the intercept (reflected with colored lines).

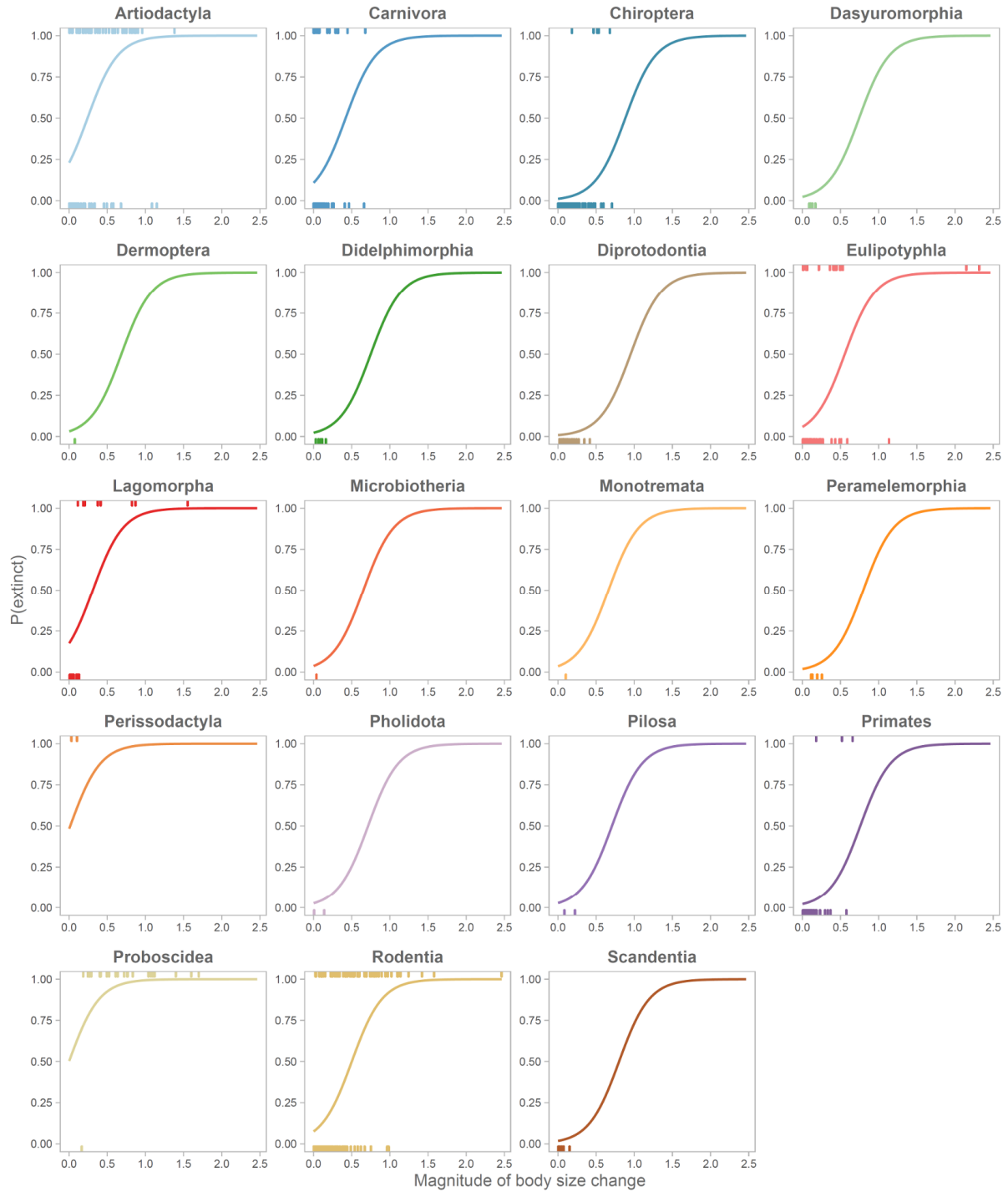


Fig. S4.

The effect of body size change on the probability of being extinct for insular mammals across 19 orders. Relationships between magnitude of body size change and probability of being extinct at the species level based on logistic GLMMs (see table S3 for details). Taxonomic order was used as a random effect on the intercept (reflected with colored lines).

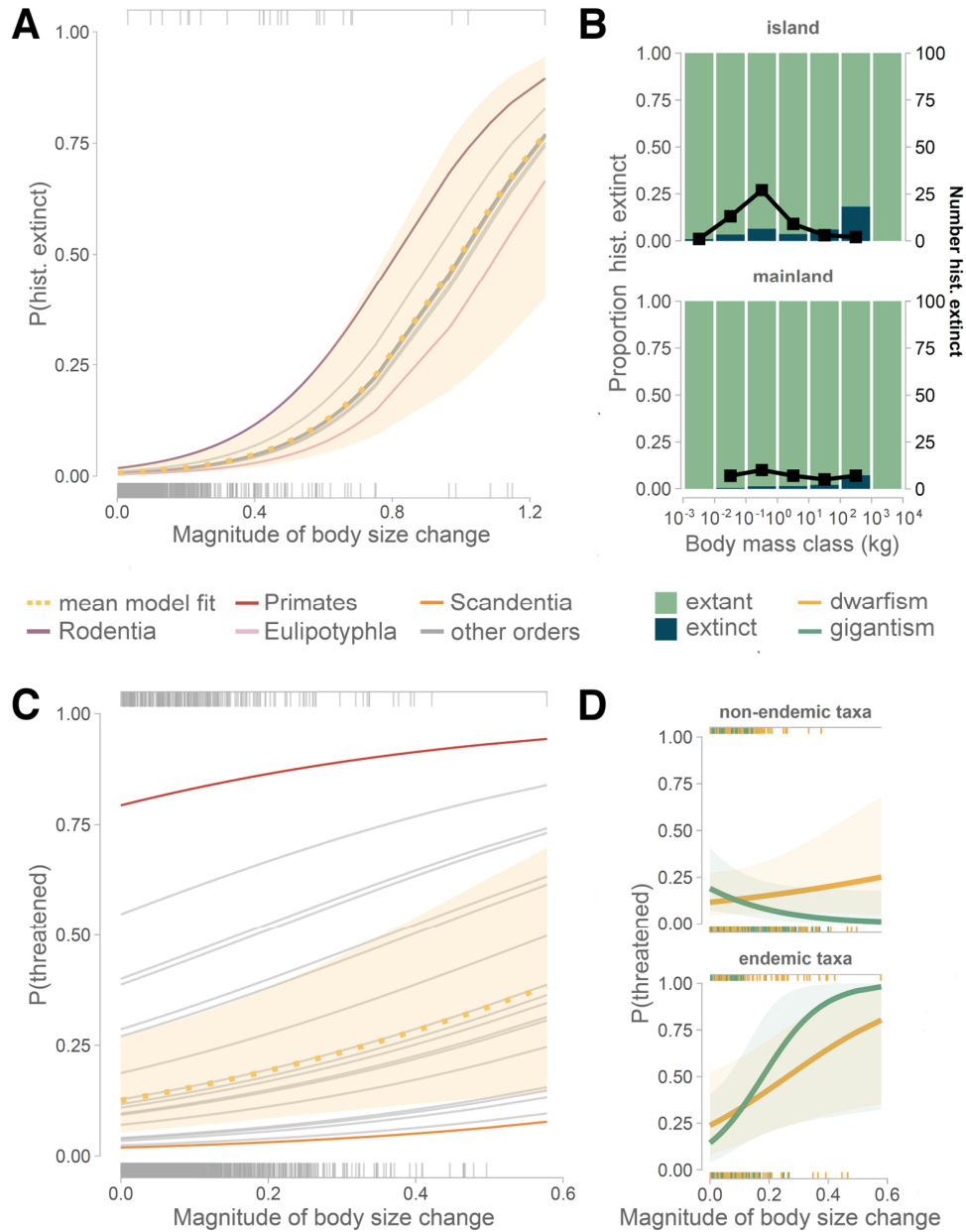


Fig. S5.

Relationship between magnitude of body size change and probability of being extinct at the species-level, based on historic extinctions since 1500 CE only (A) (see table S6 for details). Proportion and number of historically extinct species within each body mass class on islands (B). Relationship between magnitude of body size change and probability of being threatened for populations of insular mammals (C). Relationship between magnitude and direction of body size change and probability of being threatened for insular populations of endemic and non-endemic species (D) (see table S4 for details). Lines in the graphs indicate the predicted probabilities of being historically extinct and threatened (and 95% confidence intervals) based on logistic GLMMs with taxonomic random effects.

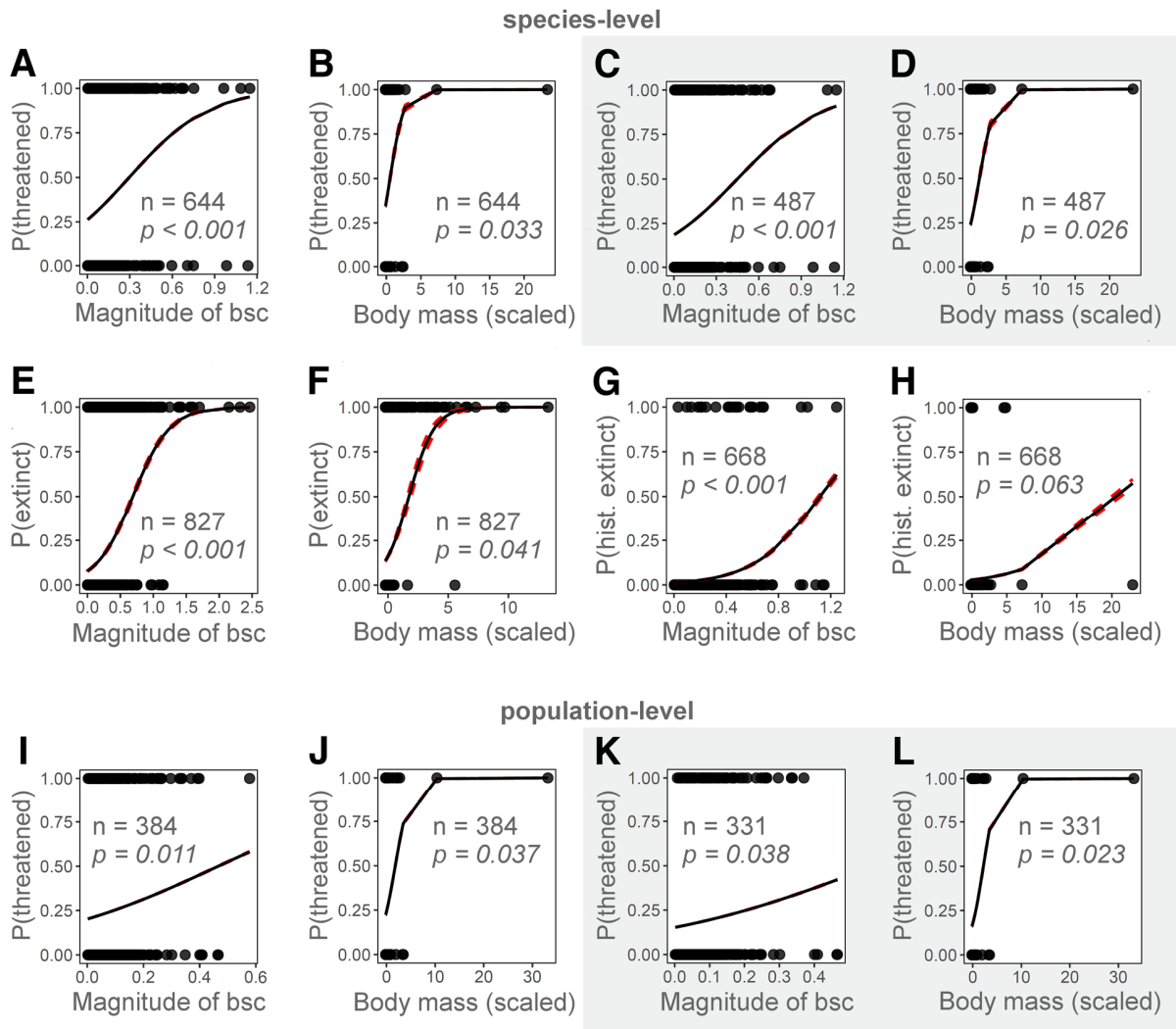


Fig. S6.

Relationships between magnitude of body size change (A, C, E, G, I, K), body mass (B, D, F, G, J, L), and extinction risk based on phylogenetic logistic regressions. Lines in the graphs indicate the predicted probabilities of being threatened, extinct and historically extinct (and 95% confidence intervals) as a function of magnitude of body size change and body mass (see tables S9 to S12 for details). We ran these models across 100 complete trees (white background) and 100 DNA-only trees (gray background) to account for uncertainties in trees topologies. Results at the species level (A-H). Results at the population level, also accounting for intraspecific variability in explanatory variables (I-L).

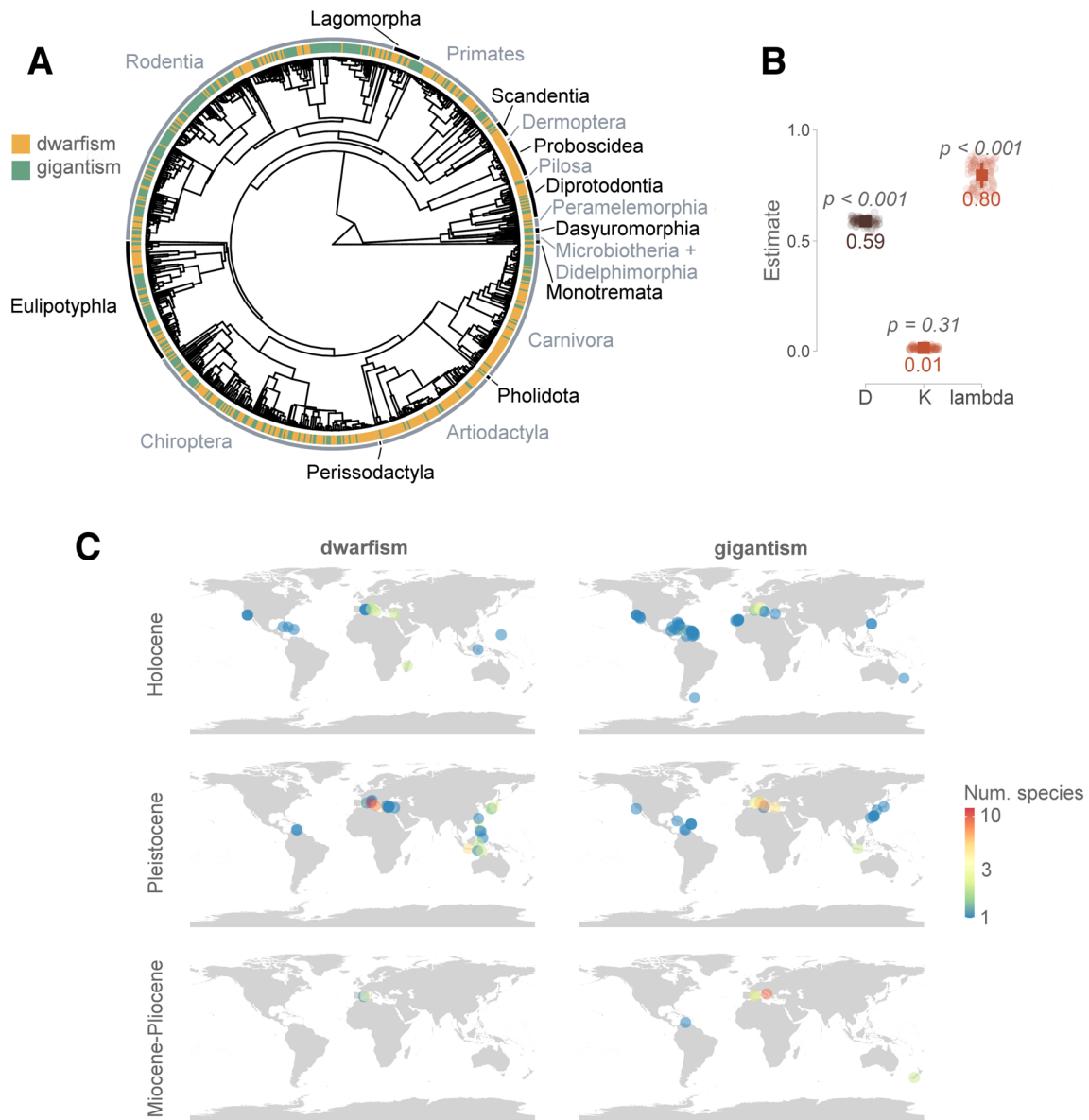


Fig. S7.

Phylogenetic distribution of dwarfs and giants and their extinctions through space and time. Dwarfism and gigantism (i.e., the direction of body size change) across the mammal tree of life (A). The phylogeny includes only insular species ($N = 827$). Phylogenetic signal in the magnitude of body size change based on Blomberg's K and Pagel's λ and in the direction of body size change based on the D -statistic (B). Extinctions of 226 insular dwarfs ($N = 94$) and giants ($N = 132$) through space and time (C). Examples of dwarfism and gigantism in insular mammals are known since the Mesozoic (1989, 1990), but the effects of body size change in these taxa are much better documented starting from the Miocene.

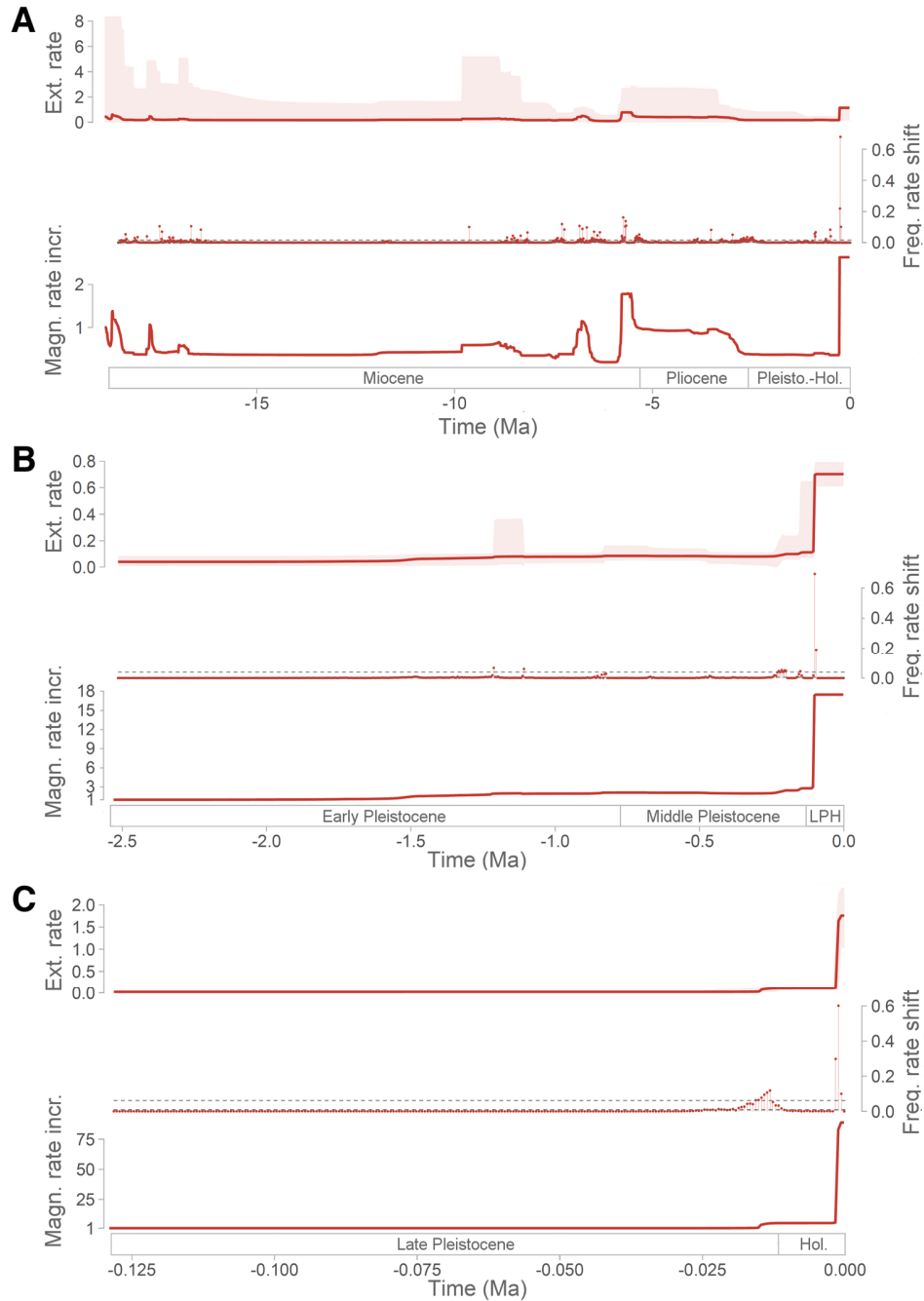


Fig. S8.

Extinction rates (μ) through time estimated by PyRate. Analysis over the last 23.03 Ma (A), 2.58 Ma (B) and 0.129 Ma (C). The solid lines and shaded areas represent the mean posterior rates and 95% credible intervals, respectively. Also shown are timing and statistical significance of extinction rate shifts. The dashed lines indicate threshold levels corresponding to a log Bayes factor = 2 (bottom line; positive evidence of a rate shift) and log Bayes factor = 6 (top line; strong evidence of a rate shift). We also report the magnitude of extinction rate changes relative to the starting rate (red lines, mean values) through time. Pleisto.-Hol., Pleistocene + Holocene; LPH, Late Pleistocene + Holocene; Hol., Holocene.

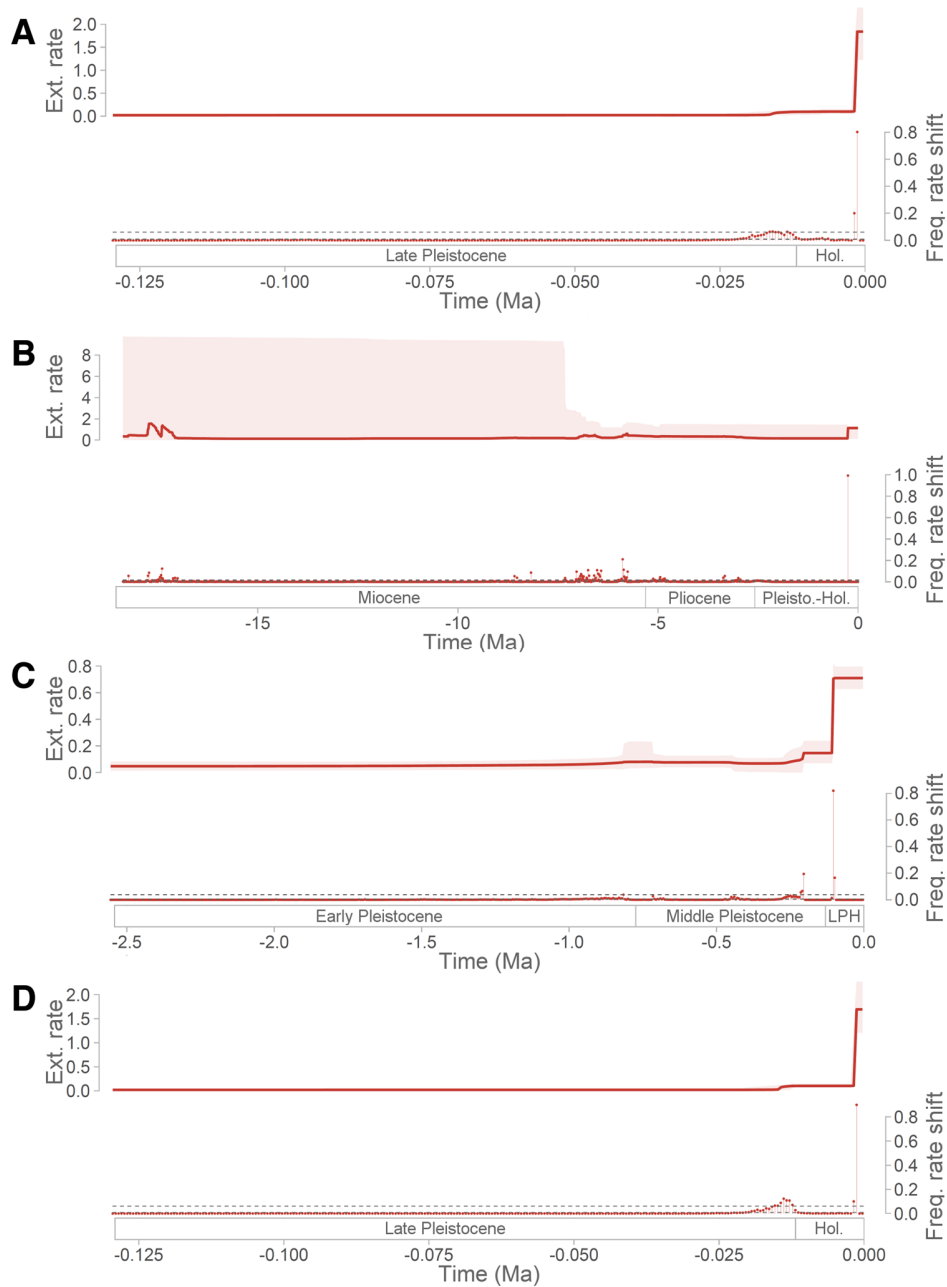


Fig. S9.

Extinction rates (μ) through time estimated by PyRate. Analysis over the last 0.129 Ma including only direct dates of Madagascan mammals (A). Analyses over the last 23.03 Ma, 2.58 Ma and 0.129 Ma excluding basal and intermediate members of anagenetic lineages (B-D). The solid lines and shaded areas represent the mean posterior rates and 95% credible intervals, respectively. Also shown are timing and statistical significance of extinction rate shifts. The dashed lines indicate threshold levels corresponding to a log Bayes factor = 2 (bottom line; positive evidence of a rate shift) and log Bayes factor = 6 (top line; strong evidence of a rate shift). Pleisto.-Hol., Pleistocene + Holocene; LPH, Late Pleistocene + Holocene; Hol., Holocene.

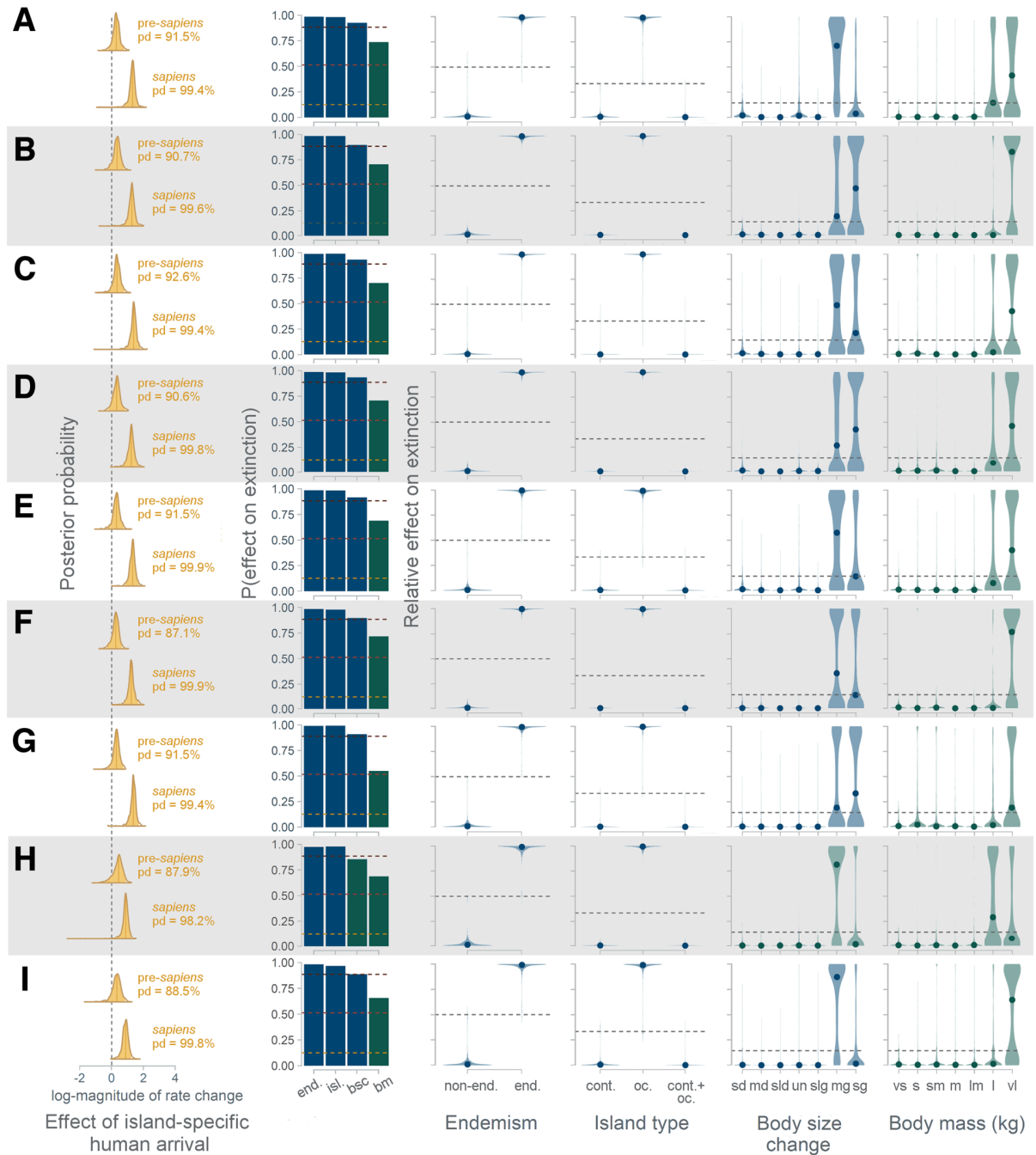


Fig. S10.

Sensitivity of time-and-trait-dependent extinction analyses on islands globally to modern human dispersal models, different temporal resolutions and baseline extinction rates, and anagenetic lineages. Positive effect of temporal overlap of insular mammals with humans on their extinction rates based on late (white background) and early (gray background) *H. sapiens* dispersal models. Posterior medians and 95% credible intervals are shown as vertical lines and shaded areas under the posterior density curves. All variables have high probabilities of having an effect on extinctions, with island type and endemism having the strongest statistical support. Colored

dashed lines indicate the thresholds corresponding to log Bayes factor values of 2 (yellow, positive support), 6 (orange, strong support), and 10 (red, very strong support). Also shown the relative effect of endemism, island type, body size change and body mass on extinction rates of insular mammals. Each dashed line represents the expected value of Dirichlet-distributed multipliers under a null model where the trait has no effect on extinction. Extinction analyses over the last 23.03 Ma and including (A) or excluding (B, C) basal and intermediate members of anagenetic lineages. Extinction analyses over the last 2.58 Ma and including (D, E) or excluding (F, G) basal and intermediate members of anagenetic lineages. Extinction analyses over the last 0.129 Ma and including basal and intermediate members of anagenetic lineages (H, I).

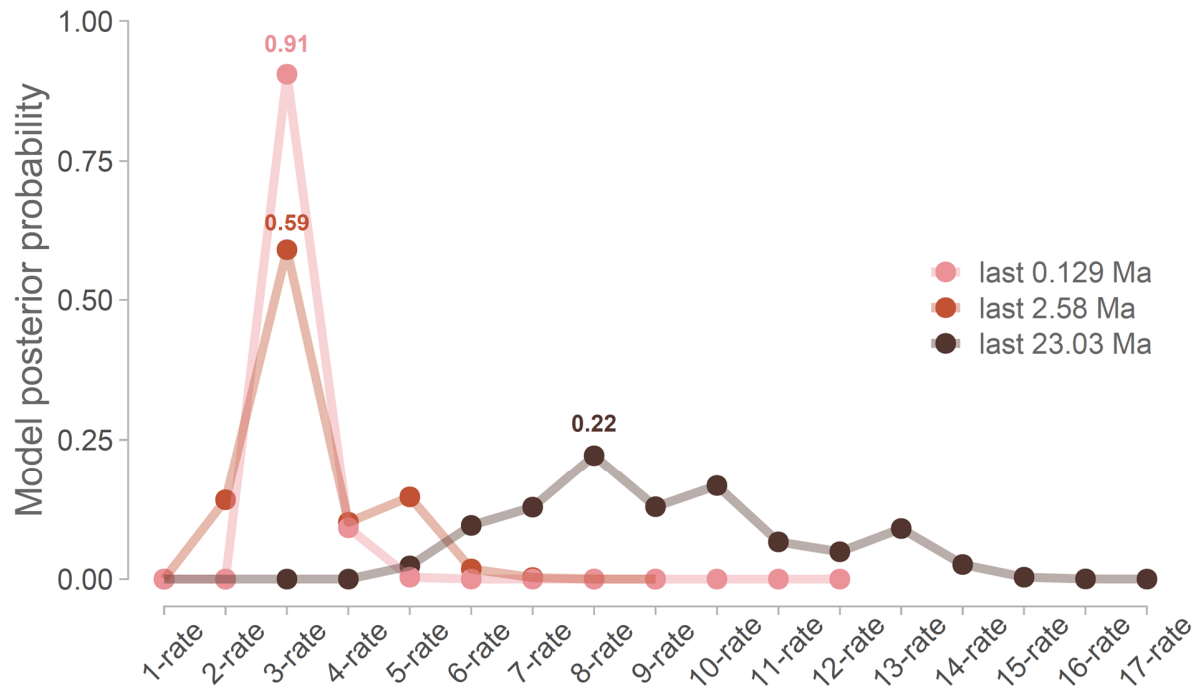


Fig. S11.

Sampling frequencies of birth-death models with different numbers of extinction rate shifts calculated through the focal temporal intervals: last 23.03 Ma, 2.58 Ma and 0.129 Ma. Models with 8, 3 and 3 rate shifts, respectively, are the best supported (i.e., they are characterized by higher relative probabilities).

Table S1.

Comparison of GLMMs for the probability of being threatened at the species-level. CI = 95% confidence intervals; AICc = Akaike Information Criterion with small-sample correction; ICC = Intraclass Correlation Coefficient; * = best model.

| Predictors | P(threatened) | | | P(threatened) | | | P(threatened) | | | P(threatened) | | |
|--|---------------------------|-------------|-------|---------------------------|----------------|------------------|---------------------------|-------------|-------|---------------------------|----------------|------------------|
| | Odds Ratios | CI | p | Odds Ratios | CI | p | Odds Ratios | CI | p | Odds Ratios | CI | p |
| (Intercept) | 0.73 | 0.42 – 1.29 | 0.281 | 0.47 | 0.26 – 0.84 | 0.011 | 0.71 | 0.40 – 1.25 | 0.236 | 0.45 | 0.25 – 0.82 | 0.008 |
| Magnitude | | | | 37.88 | 10.45 – 137.29 | <0.001 | | | | 39.19 | 10.66 – 144.08 | <0.001 |
| Body mass | | | | | | | 2.10 | 0.93 – 4.71 | 0.073 | 2.07 | 0.91 – 4.73 | 0.083 |
| Random Effects | | | | | | | | | | | | |
| σ^2 | 3.29 | | | 3.29 | | | 3.29 | | | 3.29 | | |
| τ_{00} | 0.87 <small>Order</small> | | | 0.85 <small>Order</small> | | | 0.83 <small>Order</small> | | | 0.86 <small>Order</small> | | |
| ICC | 0.21 | | | 0.21 | | | 0.20 | | | 0.21 | | |
| N | 18 <small>Order</small> | | | 18 <small>Order</small> | | | 18 <small>Order</small> | | | 18 <small>Order</small> | | |
| Observations | 644 | | | 644 | | | 644 | | | 644 | | |
| Marginal R ² / Conditional R ² | 0.000 / 0.209 | | | 0.072 / 0.262 | | | 0.117 / 0.296 | | | 0.176 / 0.346 | | |
| AICc | 812.328 | | | 777.311 | | | 808.126 | | | 773.302* | | |

| Predictors | P(threatened) | | | P(threatened) | | | P(threatened) | | |
|--|---------------------------|----------------|------------------|---------------------------|---------------|------------------|---------------------------|---------------|------------------|
| | Odds Ratios | CI | p | Odds Ratios | CI | p | Odds Ratios | CI | p |
| (Intercept) | 0.45 | 0.25 – 0.82 | 0.008 | 0.44 | 0.24 – 0.82 | 0.010 | 0.42 | 0.22 – 0.79 | 0.007 |
| Magnitude | 39.79 | 10.59 – 149.46 | <0.001 | 30.10 | 5.62 – 161.13 | <0.001 | 32.87 | 5.92 – 182.58 | <0.001 |
| Body mass | 2.01 | 0.82 – 4.91 | 0.126 | | | | 2.12 | 0.92 – 4.85 | 0.077 |
| Magnitude * Body mass | 1.60 | 0.01 – 327.88 | 0.862 | | | | | | |
| Direction [gigantism] | | | | 1.17 | 0.71 – 1.92 | 0.545 | 1.21 | 0.74 – 2.00 | 0.448 |
| Magnitude * Direction [gigantism] | | | | 2.06 | 0.15 – 29.08 | 0.593 | 1.83 | 0.13 – 26.48 | 0.657 |
| Random Effects | | | | | | | | | |
| σ^2 | 3.29 | | | 3.29 | | | 3.29 | | |
| τ_{00} | 0.86 <small>Order</small> | | | 0.86 <small>Order</small> | | | 0.85 <small>Order</small> | | |
| ICC | 0.21 | | | 0.21 | | | 0.21 | | |
| N | 18 <small>Order</small> | | | 18 <small>Order</small> | | | 18 <small>Order</small> | | |
| Observations | 644 | | | 644 | | | 644 | | |
| Marginal R ² / Conditional R ² | 0.190 / 0.357 | | | 0.075 / 0.267 | | | 0.182 / 0.350 | | |
| AICc | 775.299 | | | 779.401 | | | 775.138 | | |

Table S2.

Comparison of GLMMs for the probability of being threatened at the species-level, including 6 species that have not experienced any change in body size. CI = 95% confidence intervals; AICc = Akaike Information Criterion with small-sample correction; ICC = Intraclass Correlation Coefficient; * = best model.

| Predictors | P(threatened) | | | P(threatened) | | | P(threatened) | | | P(threatened) | | |
|--|-----------------------|-------------|-------|-----------------------|----------------|------------------|-----------------------|-------------|-------|-----------------------|----------------|------------------|
| | Odds Ratios | CI | p | Odds Ratios | CI | p | Odds Ratios | CI | p | Odds Ratios | CI | p |
| (Intercept) | 0.73 | 0.41 – 1.29 | 0.277 | 0.46 | 0.26 – 0.83 | 0.010 | 0.71 | 0.40 – 1.25 | 0.231 | 0.45 | 0.25 – 0.81 | 0.008 |
| Magnitude | | | | 38.53 | 10.67 – 139.18 | <0.001 | | | | 39.83 | 10.87 – 145.94 | <0.001 |
| Body mass | | | | | | | 2.11 | 0.94 – 4.75 | 0.069 | 2.09 | 0.92 – 4.75 | 0.080 |
| Random Effects | | | | | | | | | | | | |
| σ^2 | 3.29 | | | 3.29 | | | 3.29 | | | 3.29 | | |
| τ_{00} | 0.88 _{Order} | | | 0.86 _{Order} | | | 0.85 _{Order} | | | 0.86 _{Order} | | |
| ICC | 0.21 | | | 0.21 | | | 0.20 | | | 0.21 | | |
| N | 18 _{Order} | | | 18 _{Order} | | | 18 _{Order} | | | 18 _{Order} | | |
| Observations | 650 | | | 650 | | | 650 | | | 650 | | |
| Marginal R ² / Conditional R ² | 0.000 / 0.211 | | | 0.072 / 0.264 | | | 0.119 / 0.299 | | | 0.178 / 0.349 | | |
| AICc | 817.873 | | | 782.306 | | | 813.572 | | | 778.223* | | |

| Predictors | P(threatened) | | | P(threatened) | | | P(threatened) | | |
|--|-----------------------|----------------|------------------|-----------------------|---------------|------------------|-----------------------|---------------|------------------|
| | Odds Ratios | CI | p | Odds Ratios | CI | p | Odds Ratios | CI | p |
| (Intercept) | 0.45 | 0.25 – 0.81 | 0.008 | 0.44 | 0.23 – 0.82 | 0.010 | 0.42 | 0.22 – 0.79 | 0.007 |
| Magnitude | 40.42 | 10.81 – 151.20 | <0.001 | 29.78 | 5.57 – 159.27 | <0.001 | 32.53 | 5.86 – 180.60 | <0.001 |
| Body mass | 2.02 | 0.83 – 4.94 | 0.121 | | | | 2.12 | 0.93 – 4.86 | 0.075 |
| Magnitude * Body mass | 1.57 | 0.01 – 315.52 | 0.867 | | | | | | |
| Direction [gigantism] | | | | 1.16 | 0.71 – 1.91 | 0.549 | 1.21 | 0.73 – 2.00 | 0.452 |
| Direction [no change] | | | | 0.74 | 0.08 – 6.59 | 0.788 | 0.78 | 0.09 – 6.99 | 0.826 |
| Magnitude * Direction [gigantism] | | | | 2.10 | 0.15 – 29.67 | 0.583 | 1.87 | 0.13 – 26.98 | 0.646 |
| Random Effects | | | | | | | | | |
| σ^2 | 3.29 | | | 3.29 | | | 3.29 | | |
| τ_{00} | 0.86 _{Order} | | | 0.87 _{Order} | | | 0.86 _{Order} | | |
| ICC | 0.21 | | | 0.21 | | | 0.21 | | |
| N | 18 _{Order} | | | 18 _{Order} | | | 18 _{Order} | | |
| Observations | 650 | | | 650 | | | 650 | | |
| Marginal R ² / Conditional R ² | 0.191 / 0.359 | | | 0.076 / 0.269 | | | 0.183 / 0.352 | | |
| AICc | 780.222 | | | 786.283 | | | 781.974 | | |

Table S3.

Comparison of GLMMs for the probability of being extinct at the species-level. CI = 95% confidence intervals; AICc = Akaike Information Criterion with small-sample correction; ICC = Intraclass Correlation Coefficient; * = best model.

| Predictors | P(extinct) | | | P(extinct) | | | P(extinct) | | | P(extinct) | | |
|--|---------------|-------------|--------------|---------------|----------------|------------------|---------------|-------------|------------------|---------------|----------------|------------------|
| | Odds Ratios | CI | p | Odds Ratios | CI | p | Odds Ratios | CI | p | Odds Ratios | CI | p |
| (Intercept) | 0.08 | 0.02 – 0.44 | 0.004 | 0.04 | 0.01 – 0.15 | <0.001 | 0.12 | 0.04 – 0.36 | <0.001 | 0.05 | 0.02 – 0.10 | <0.001 |
| Magnitude | | | | 152.59 | 53.52 – 435.10 | <0.001 | | | | 188.25 | 66.72 – 531.14 | <0.001 |
| Body mass | | | | | | | 3.02 | 1.45 – 6.27 | 0.003 | 3.43 | 1.92 – 6.15 | <0.001 |
| Random Effects | | | | | | | | | | | | |
| σ^2 | 3.29 | | | 3.29 | | | 3.29 | | | 3.29 | | |
| τ_{00} | 6.46 Order | | | 3.52 Order | | | 2.40 Order | | | 1.07 Order | | |
| ICC | 0.66 | | | 0.52 | | | 0.42 | | | 0.25 | | |
| N | 19 Order | | | 19 Order | | | 19 Order | | | 19 Order | | |
| Observations | 827 | | | 827 | | | 827 | | | 827 | | |
| Marginal R ² / Conditional R ² | 0.000 / 0.663 | | | 0.241 / 0.633 | | | 0.177 / 0.524 | | | 0.502 / 0.624 | | |
| AICc | 709.773 | | | 570.371 | | | 697.523 | | | 542.777 | | |

| Predictors | P(extinct) | | | P(extinct) | | | P(extinct) | | |
|--|---------------|----------------|------------------|---------------|----------------|------------------|---------------|----------------|------------------|
| | Odds Ratios | CI | p | Odds Ratios | CI | p | Odds Ratios | CI | p |
| (Intercept) | 0.05 | 0.02 – 0.10 | <0.001 | 0.02 | 0.00 – 0.11 | <0.001 | 0.02 | 0.01 – 0.06 | <0.001 |
| Magnitude | 189.87 | 65.70 – 548.66 | <0.001 | 50.17 | 10.64 – 236.62 | <0.001 | 110.82 | 23.81 – 515.71 | <0.001 |
| Body mass | 3.36 | 1.58 – 7.18 | 0.002 | | | | 3.91 | 2.11 – 7.23 | <0.001 |
| Magnitude * Body mass | 1.11 | 0.09 – 14.04 | 0.938 | | | | | | |
| Direction [gigantism] | | | | 3.16 | 1.52 – 6.54 | 0.002 | 3.85 | 1.82 – 8.13 | <0.001 |
| Magnitude * Direction [gigantism] | | | | 7.85 | 0.91 – 67.83 | 0.061 | 3.31 | 0.39 – 27.99 | 0.271 |
| Random Effects | | | | | | | | | |
| σ^2 | 3.29 | | | 3.29 | | | 3.29 | | |
| τ_{00} | 1.08 Order | | | 5.96 Order | | | 1.29 Order | | |
| ICC | 0.25 | | | 0.64 | | | 0.28 | | |
| N | 19 Order | | | 19 Order | | | 19 Order | | |
| Observations | 827 | | | 827 | | | 827 | | |
| Marginal R ² / Conditional R ² | 0.505 / 0.627 | | | 0.243 / 0.731 | | | 0.534 / 0.665 | | |
| AICc | 544.795 | | | 537.291 | | | 511.100* | | |

Table S4.

Comparison of GLMMs for the probability of being threatened at the population-level. CI = 95% confidence intervals; AICc = Akaike Information Criterion with small-sample correction; ICC = Intraclass Correlation Coefficient; * = best model.

| Predictors | P(threatened) | | | P(threatened) | | | P(threatened) | | | P(threatened) | | | P(threatened) | | |
|--|-----------------------|-------------|------------------|-----------------------|--------------|------------------|-----------------------|-------------|------------------|-----------------------|---------------|------------------|-----------------------|---------------|------------------|
| | Odds Ratios | CI | p | Odds Ratios | CI | p | Odds Ratios | CI | p | Odds Ratios | CI | p | Odds Ratios | CI | p |
| (Intercept) | 0.19 | 0.07 – 0.48 | <0.001 | 0.14 | 0.06 – 0.37 | <0.001 | 0.17 | 0.06 – 0.42 | <0.001 | 0.13 | 0.05 – 0.32 | <0.001 | 0.13 | 0.05 – 0.32 | <0.001 |
| Magnitude | | | | 12.52 | 1.74 – 89.79 | 0.012 | | | | 15.71 | 2.14 – 115.47 | 0.007 | 15.48 | 2.12 – 113.11 | 0.007 |
| Body mass | | | | | | | 1.66 | 1.25 – 2.21 | <0.001 | 1.71 | 1.28 – 2.28 | <0.001 | 1.95 | 1.33 – 2.87 | 0.001 |
| Magnitude * Body mass | | | | | | | | | | | | | 0.10 | 0.00 – 9.16 | 0.314 |
| Random Effects | | | | | | | | | | | | | | | |
| σ^2 | 3.29 | | | 3.29 | | | 3.29 | | | 3.29 | | | 3.29 | | |
| τ_{00} | 3.04 _{Order} | | | 2.90 _{Order} | | | 2.90 _{Order} | | | 2.77 _{Order} | | | 2.77 _{Order} | | |
| ICC | 0.48 | | | 0.47 | | | 0.47 | | | 0.46 | | | 0.46 | | |
| N | 18 _{Order} | | | 18 _{Order} | | | 18 _{Order} | | | 18 _{Order} | | | 18 _{Order} | | |
| Observations | 1518 | | | 1518 | | | 1518 | | | 1518 | | | 1518 | | |
| Marginal R ² / Conditional R ² | 0.000 / 0.481 | | | 0.007 / 0.472 | | | 0.040 / 0.490 | | | 0.053 / 0.486 | | | 0.030 / 0.473 | | |
| AICc | 907.970 | | | 904.064 | | | 894.356 | | | 889.524 | | | 890.554 | | |

| Predictors | P(threatened) | | | P(threatened) | | | P(threatened) | | | P(threatened) | | | P(threatened) | | |
|--|-----------------------|---------------|------------------|-----------------------|---------------|------------------|-----------------------|----------------|------------------|-----------------------|---------------|------------------|-----------------------|------------------------|------------------|
| | Odds Ratios | CI | p | Odds Ratios | CI | p | Odds Ratios | CI | p | Odds Ratios | CI | p | Odds Ratios | CI | p |
| (Intercept) | 0.13 | 0.05 – 0.33 | <0.001 | 0.10 | 0.04 – 0.27 | <0.001 | 0.17 | 0.06 – 0.45 | <0.001 | 0.12 | 0.04 – 0.32 | <0.001 | 0.13 | 0.05 – 0.38 | <0.001 |
| Magnitude | 50.36 | 5.25 – 482.56 | 0.001 | 25.78 | 2.34 – 283.47 | 0.008 | 0.54 | 0.03 – 9.30 | 0.670 | 18.40 | 1.73 – 196.19 | 0.016 | 5.04 | 0.19 – 133.14 | 0.333 |
| Body mass | | | | 1.77 | 1.32 – 2.38 | <0.001 | | | | | | | | | |
| Magnitude * Body mass | | | | | | | | | | | | | | | |
| Direction [gigantism] | 1.63 | 0.95 – 2.80 | 0.077 | 1.57 | 0.90 – 2.75 | 0.112 | | | | 1.51 | 0.87 – 2.62 | 0.143 | 1.79 | 0.96 – 3.33 | 0.066 |
| Magnitude * Direction [gigantism] | 0.00 | 0.00 – 0.35 | 0.018 | 0.00 | 0.00 – 0.61 | 0.032 | | | | 0.01 | 0.00 – 0.93 | 0.047 | 0.00 | 0.00 – 0.56 | 0.032 |
| Endemism [yes] | | | | 2.94 | 1.83 – 4.75 | <0.001 | 1.58 | 0.80 – 3.10 | 0.186 | 2.86 | 1.79 – 4.59 | <0.001 | 2.38 | 0.96 – 5.92 | 0.062 |
| Magnitude * Endemism [yes] | | | | | | | 408.36 | 4.33 – 3853.41 | 0.010 | | | | 16.89 | 0.10 – 2924.16 | 0.282 |
| Direction [gigantism] * Endemism [yes] | | | | | | | | | | | | | 0.30 | 0.07 – 1.25 | 0.100 |
| (Magnitude * Direction [gigantism]) * Endemism [yes] | | | | | | | | | | | | | 246963.57 | 1.89 – 3222665.7324.69 | 0.039 |
| Random Effects | | | | | | | | | | | | | | | |
| σ^2 | 3.29 | | | 3.29 | | | 3.29 | | | 3.29 | | | 3.29 | | |
| τ_{00} | 2.92 _{Order} | | | 2.97 _{Order} | | | 3.28 _{Order} | | | 3.14 _{Order} | | | 3.32 _{Order} | | |
| ICC | 0.47 | | | 0.47 | | | 0.50 | | | 0.49 | | | 0.50 | | |
| N | 18 _{Order} | | | 18 _{Order} | | | 18 _{Order} | | | 18 _{Order} | | | 18 _{Order} | | |
| Observations | 1518 | | | 1518 | | | 1518 | | | 1518 | | | 1518 | | |
| Marginal R ² / Conditional R ² | 0.012 / 0.476 | | | 0.081 / 0.517 | | | 0.030 / 0.514 | | | 0.033 / 0.505 | | | 0.040 / 0.523 | | |
| AICc | 902.150 | | | 870.043* | | | 881.299 | | | 886.155 | | | 883.235 | | |

Table S5.

Comparison of GLMMs for the probability of being threatened at the population-level, including 16 populations that have not experienced any change in body size. CI = 95% confidence intervals; AICc = Akaike Information Criterion with small-sample correction; ICC = Intraclass Correlation Coefficient; * = best model.

| Predictors | P(threatened) | | | P(threatened) | | | P(threatened) | | | P(threatened) | | | P(threatened) | | |
|--|-----------------------|-------------|------------------|-----------------------|--------------|------------------|-----------------------|-------------|------------------|-----------------------|---------------|------------------|-----------------------|---------------|------------------|
| | Odds Ratios | CI | p | Odds Ratios | CI | p | Odds Ratios | CI | p | Odds Ratios | CI | p | Odds Ratios | CI | p |
| (Intercept) | 0.18 | 0.07 – 0.47 | <0.001 | 0.14 | 0.06 – 0.37 | <0.001 | 0.16 | 0.06 – 0.42 | <0.001 | 0.13 | 0.05 – 0.32 | <0.001 | 0.13 | 0.05 – 0.32 | <0.001 |
| Magnitude | | | | 11.74 | 1.66 – 83.14 | 0.014 | | | | 14.72 | 2.03 – 106.59 | 0.008 | 14.53 | 2.02 – 104.71 | 0.008 |
| Body mass | | | | | | | 1.62 | 1.23 – 2.14 | 0.001 | 1.67 | 1.26 – 2.21 | <0.001 | 1.86 | 1.28 – 2.69 | 0.001 |
| Magnitude * Body mass | | | | | | | | | | | | | 0.14 | 0.00 – 12.34 | 0.390 |
| Random Effects | | | | | | | | | | | | | | | |
| σ^2 | 3.29 | | | 3.29 | | | 3.29 | | | 3.29 | | | 3.29 | | |
| τ_{00} | 3.05 _{Order} | | | 2.90 _{Order} | | | 2.90 _{Order} | | | 2.77 _{Order} | | | 2.77 _{Order} | | |
| ICC | 0.48 | | | 0.47 | | | 0.47 | | | 0.46 | | | 0.46 | | |
| N | 18 _{Order} | | | 18 _{Order} | | | 18 _{Order} | | | 18 _{Order} | | | 18 _{Order} | | |
| Observations | 1534 | | | 1534 | | | 1534 | | | 1534 | | | 1534 | | |
| Marginal R ² / Conditional R ² | 0.000 / 0.481 | | | 0.006 / 0.472 | | | 0.036 / 0.488 | | | 0.048 / 0.484 | | | 0.029 / 0.473 | | |
| AICc | 919.559 | | | 915.868 | | | 906.613 | | | 902.000 | | | 903.289 | | |

| Predictors | P(threatened) | | | P(threatened) | | | P(threatened) | | | P(threatened) | | | P(threatened) | | |
|--|-----------------------|---------------|------------------|-----------------------|---------------|------------------|-----------------------|-----------------|------------------|-----------------------|---------------|------------------|-----------------------|-----------------------|------------------|
| | Odds Ratios | CI | p | Odds Ratios | CI | p | Odds Ratios | CI | p | Odds Ratios | CI | p | Odds Ratios | CI | p |
| (Intercept) | 0.12 | 0.05 – 0.33 | <0.001 | 0.10 | 0.04 – 0.27 | <0.001 | 0.16 | 0.06 – 0.44 | <0.001 | 0.12 | 0.04 – 0.32 | <0.001 | 0.13 | 0.05 – 0.37 | <0.001 |
| Magnitude | 49.65 | 5.19 – 474.77 | 0.001 | 24.12 | 2.20 – 264.59 | 0.009 | 0.57 | 0.03 – 9.55 | 0.694 | 17.72 | 1.66 – 188.77 | 0.017 | 5.06 | 0.19 – 132.75 | 0.331 |
| Body mass | | | | 1.72 | 1.29 – 2.29 | <0.001 | | | | | | | | | |
| Magnitude * Body mass | | | | | | | | | | | | | | | |
| Direction [gigantism] | 1.63 | 0.95 – 2.79 | 0.078 | 1.56 | 0.89 – 2.73 | 0.117 | | | | 1.50 | 0.87 – 2.61 | 0.147 | 1.79 | 0.96 – 3.32 | 0.066 |
| Direction [no change] | 1.97 | 0.41 – 9.54 | 0.400 | 1.63 | 0.33 – 8.14 | 0.552 | | | | 1.83 | 0.37 – 8.98 | 0.459 | 1.13 | 0.13 – 9.58 | 0.909 |
| Magnitude * Direction [gigantism] | 0.00 | 0.00 – 0.39 | 0.020 | 0.00 | 0.00 – 0.70 | 0.036 | | | | 0.01 | 0.00 – 1.05 | 0.052 | 0.00 | 0.00 – 0.59 | 0.034 |
| Endemism [yes] | | | | 3.02 | 1.88 – 4.84 | <0.001 | 1.70 | 0.87 – 3.30 | 0.118 | 2.93 | 1.83 – 4.67 | <0.001 | 2.39 | 0.96 – 5.93 | 0.061 |
| Magnitude * Endemism [yes] | | | | | | | 275.72 | 3.09 – 24594.27 | 0.014 | | | | 16.32 | 0.10 – 2797.71 | 0.287 |
| Direction [gigantism] * Endemism [yes] | | | | | | | | | | | | | 0.30 | 0.07 – 1.25 | 0.098 |
| Direction [no change] * Endemism [yes] | | | | | | | | | | | | | 4.82 | 0.13 – 178.19 | 0.393 |
| (Magnitude * Direction [gigantism]) * Endemism [yes] | | | | | | | | | | | | | 251162.32 | 1.94 – 32515484547.09 | 0.038 |
| Random Effects | | | | | | | | | | | | | | | |
| σ^2 | 3.29 | | | 3.29 | | | 3.29 | | | 3.29 | | | 3.29 | | |
| τ_{00} | 2.92 _{Order} | | | 2.98 _{Order} | | | 3.29 _{Order} | | | 3.15 _{Order} | | | 3.32 _{Order} | | |
| ICC | 0.47 | | | 0.48 | | | 0.50 | | | 0.49 | | | 0.50 | | |
| N | 18 _{Order} | | | 18 _{Order} | | | 18 _{Order} | | | 18 _{Order} | | | 18 _{Order} | | |
| Observations | 1534 | | | 1534 | | | 1534 | | | 1534 | | | 1534 | | |
| Marginal R ² / Conditional R ² | 0.012 / 0.477 | | | 0.077 / 0.516 | | | 0.030 / 0.515 | | | 0.033 / 0.506 | | | 0.041 / 0.523 | | |
| AICc | 915.762 | | | 883.324* | | | 892.623 | | | 898.613 | | | 897.175 | | |

Table S6.

Comparison of GLMMs for the probability of being extinct at the species-level based on historic extinctions since 1500 CE only. CI = 95% confidence intervals; AICc = Akaike Information Criterion with small-sample correction; ICC = Intraclass Correlation Coefficient; * = best model.

| Predictors | P(hist. extinct) | | | P(hist. extinct) | | | P(hist. extinct) | | | P(hist. extinct) | | |
|--|-----------------------|-------------|--------|-----------------------|----------------|--------|-----------------------|-------------|--------|-----------------------|----------------|--------|
| | Odds Ratios | CI | p | Odds Ratios | CI | p | Odds Ratios | CI | p | Odds Ratios | CI | p |
| (Intercept) | 0.02 | 0.01 – 0.05 | <0.001 | 0.01 | 0.00 – 0.02 | <0.001 | 0.02 | 0.01 – 0.05 | <0.001 | 0.01 | 0.00 – 0.02 | <0.001 |
| Magnitude | | | | 141.65 | 30.15 – 665.45 | <0.001 | | | | 141.52 | 29.75 – 673.22 | <0.001 |
| Body mass | | | | | | | 1.15 | 0.94 – 1.41 | 0.168 | 1.14 | 0.93 – 1.42 | 0.214 |
| Random Effects | | | | | | | | | | | | |
| σ^2 | 3.29 | | | 3.29 | | | 3.29 | | | 3.29 | | |
| τ_{00} | 0.62 _{Order} | | | 0.44 _{Order} | | | 0.65 _{Order} | | | 0.50 _{Order} | | |
| ICC | 0.16 | | | 0.12 | | | 0.17 | | | 0.13 | | |
| N | 18 _{Order} | | | 18 _{Order} | | | 18 _{Order} | | | 18 _{Order} | | |
| Observations | 668 | | | 668 | | | 668 | | | 668 | | |
| Marginal R ² / Conditional R ² | 0.000 / 0.159 | | | 0.168 / 0.266 | | | 0.005 / 0.169 | | | 0.171 / 0.280 | | |
| AICc | 203.459 | | | 163.580 | | | 204.100 | | | 164.568 | | |

| Predictors | P(hist. extinct) | | | P(hist. extinct) | | | P(hist. extinct) | | |
|--|-----------------------|----------------|--------|-----------------------|---------------|--------|-----------------------|---------------|--------|
| | Odds Ratios | CI | p | Odds Ratios | CI | p | Odds Ratios | CI | p |
| (Intercept) | 0.00 | 0.00 – 0.02 | <0.001 | 0.00 | 0.00 – 0.02 | <0.001 | 0.00 | 0.00 – 0.02 | <0.001 |
| Magnitude | 134.78 | 24.23 – 749.70 | <0.001 | 70.40 | 5.58 – 888.05 | 0.001 | 69.60 | 5.34 – 906.86 | 0.001 |
| Body mass | 0.79 | 0.43 – 1.46 | 0.455 | | | | 1.19 | 0.99 – 1.43 | 0.068 |
| Magnitude * Body mass | 6.59 | 0.49 – 89.33 | 0.156 | | | | | | |
| Direction [gigantism] | | | | 3.66 | 0.74 – 18.11 | 0.111 | 4.18 | 0.79 – 22.10 | 0.092 |
| Magnitude * Direction [gigantism] | | | | 3.71 | 0.15 – 92.12 | 0.424 | 3.75 | 0.15 – 95.66 | 0.424 |
| Random Effects | | | | | | | | | |
| σ^2 | 3.29 | | | 3.29 | | | 3.29 | | |
| τ_{00} | 1.29 _{Order} | | | 0.00 _{Order} | | | 0.00 _{Order} | | |
| ICC | 0.28 | | | | | | | | |
| N | 18 _{Order} | | | 18 _{Order} | | | 18 _{Order} | | |
| Observations | 668 | | | 668 | | | 668 | | |
| Marginal R ² / Conditional R ² | 0.165 / 0.400 | | | 0.284 / NA | | | 0.303 / NA | | |
| AICc | 163.362 | | | 157.452* | | | 157.618 | | |

Table S7.

Comparison of GLMMs for the probability of being threatened or extinct (all extinctions, late Quaternary extinctions, historic extinctions since 1500 CE) at the species-level between island and mainland mammal communities. CI = 95% confidence intervals; AICc = Akaike Information Criterion with small-sample correction; ICC = Intraclass Correlation Coefficient.

| Predictors | P(threatened) | | | P(extinct) | | | P(extinct_late_Quaternary) | | | P(hist. extinct) | | |
|--|--------------------|-------------|----------|--------------------|-------------|----------|----------------------------|-------------|----------|--------------------|-------------|----------|
| | <i>Odds Ratios</i> | <i>CI</i> | <i>p</i> | <i>Odds Ratios</i> | <i>CI</i> | <i>p</i> | <i>Odds Ratios</i> | <i>CI</i> | <i>p</i> | <i>Odds Ratios</i> | <i>CI</i> | <i>p</i> |
| (Intercept) | 0.24 | 0.14 – 0.41 | <0.001 | 0.01 | 0.00 – 0.02 | <0.001 | 0.01 | 0.00 – 0.01 | <0.001 | 0.01 | 0.00 – 0.03 | <0.001 |
| log ₁₀ body mass | 1.64 | 1.41 – 1.92 | <0.001 | 2.96 | 2.47 – 3.56 | <0.001 | 3.04 | 2.49 – 3.72 | <0.001 | 1.63 | 1.14 – 2.31 | 0.007 |
| Island or mainland [mainland] | 0.40 | 0.27 – 0.58 | <0.001 | 0.01 | 0.00 – 0.02 | <0.001 | 0.01 | 0.01 – 0.03 | <0.001 | 0.07 | 0.02 – 0.21 | <0.001 |
| log ₁₀ body mass * Island or mainland [mainland] | 0.90 | 0.77 – 1.05 | 0.191 | 2.05 | 1.63 – 2.57 | <0.001 | 2.06 | 1.62 – 2.61 | <0.001 | 1.49 | 1.00 – 2.21 | 0.050 |
| Random Effects | | | | | | | | | | | | |
| σ ² | 3.29 | | | 3.29 | | | 3.29 | | | 3.29 | | |
| τ ₀₀ | 0.52 Order | | | 0.77 Order | | | 0.83 Order | | | 0.57 Order | | |
| ICC | 0.14 | | | 0.19 | | | 0.20 | | | 0.15 | | |
| N | 28 Order | | | 30 Order | | | 30 Order | | | 28 Order | | |
| Observations | 4974 | | | 5531 | | | 5438 | | | 5065 | | |
| Marginal R ² / Conditional R ² | 0.116 / 0.238 | | | 0.626 / 0.697 | | | 0.611 / 0.690 | | | 0.292 / 0.396 | | |
| AICc | 4812.897 | | | 2217.470 | | | 2010.692 | | | 822.433 | | |

Table S8.

Predicted values from GLMMs for the probability of being threatened or extinct (all extinctions) at the species-level by body mass and type of mammal community (island or mainland). See table S7 for details on the models.

| Body mass (kg) | P(threatened) | | P(extinct) | |
|---------------------------|----------------------|-----------------|-------------------|-----------------|
| | <i>island</i> | <i>mainland</i> | <i>island</i> | <i>mainland</i> |
| 0.001 | 0.194 | 0.087 | 0.009 | 9.23E-05 |
| 0.01 | 0.284 | 0.124 | 0.026 | 0.001 |
| 0.1 | 0.394 | 0.174 | 0.073 | 0.003 |
| 1 | 0.517 | 0.238 | 0.190 | 0.020 |
| 10 | 0.638 | 0.317 | 0.410 | 0.111 |
| 100 | 0.743 | 0.407 | 0.673 | 0.432 |
| 1,000 | 0.827 | 0.505 | 0.859 | 0.822 |
| 10,000 | 0.889 | 0.602 | 0.948 | 0.966 |

Table S9.

Comparison of phylogenetic logistic regressions for the probability of being threatened at the species-level. AICc = Akaike Information Criterion with small-sample correction; alpha = strength of the phylogenetic signal in extinction risk; R2_lik = R² statistic based on the likelihood of fitted models. To account for phylogenetic uncertainty, we ran phylogenetic logistic regressions across 100 complete TACT trees and 100 DNA-only trees.

| | P(threatened) | | | | | | P(threatened) | | | | | |
|----------------|-------------------------|---------|---------|---------|---------|---------|---------------|----------|----------|---------|----------|----------|
| | 100 complete TACT trees | | | | | | | | | | | |
| Predictors | Min | Max | Mean | Sd tree | CI low | CI high | Min | Max | Mean | Sd tree | CI low | CI high |
| Intercept | -1.088 | -0.971 | -1.036 | 0.018 | -1.039 | -1.032 | -0.585 | -0.463 | -0.525 | 0.028 | -0.530 | -0.519 |
| Se Intercept | 0.143 | 0.157 | 0.148 | 0.002 | 0.148 | 0.149 | 0.103 | 0.117 | 0.110 | 0.003 | 0.109 | 0.111 |
| Pval Intercept | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| Magnitude | 3.345 | 3.643 | 3.505 | 0.060 | 3.493 | 3.516 | | | | | | |
| Se Magnitude | 0.598 | 0.620 | 0.609 | 0.004 | 0.608 | 0.610 | | | | | | |
| Pval Magnitude | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | | | | | | |
| Body mass | | | | | | | 0.425 | 1.494 | 0.989 | 0.303 | 0.929 | 1.049 |
| Se Body mass | | | | | | | 0.292 | 0.530 | 0.420 | 0.063 | 0.407 | 0.432 |
| Pval Body mass | | | | | | | 0.004 | 0.146 | 0.033 | 0.034 | 0.026 | 0.040 |
| Observations | 644 | | | | | | 644 | | | | | |
| Alpha | 0.088 | 0.130 | 0.108 | 0.008 | 0.106 | 0.109 | 0.133 | 0.204 | 0.163 | 0.018 | 0.159 | 0.166 |
| R2_lik | 0.153 | 0.228 | 0.188 | 0.016 | 0.185 | 0.192 | -0.941 | 0.161 | -0.553 | 0.340 | -0.620 | -0.485 |
| AICc | 751.073 | 792.460 | 773.354 | 8.908 | 771.586 | 775.121 | 788.389 | 1209.698 | 1078.007 | 132.671 | 1051.682 | 1104.332 |

| | P(threatened) | | | | | | P(threatened) | | | | | |
|----------------|--------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | 100 DNA-only trees | | | | | | | | | | | |
| Predictors | Min | Max | Mean | Sd tree | CI low | CI high | Min | Max | Mean | Sd tree | CI low | CI high |
| Intercept | -1.514 | -1.428 | -1.474 | 0.018 | -1.477 | -1.470 | -1.084 | -0.998 | -1.042 | 0.017 | -1.045 | -1.039 |
| Se Intercept | 0.171 | 0.180 | 0.177 | 0.001 | 0.176 | 0.177 | 0.133 | 0.141 | 0.137 | 0.001 | 0.137 | 0.138 |
| Pval Intercept | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| Magnitude | 3.110 | 3.388 | 3.290 | 0.065 | 3.277 | 3.303 | | | | | | |
| Se Magnitude | 0.690 | 0.710 | 0.702 | 0.004 | 0.701 | 0.703 | | | | | | |
| Pval Magnitude | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | | | | | | |
| Body mass | | | | | | | 0.529 | 1.186 | 0.892 | 0.186 | 0.855 | 0.929 |
| Se Body mass | | | | | | | 0.308 | 0.430 | 0.379 | 0.032 | 0.373 | 0.386 |
| Pval Body mass | | | | | | | 0.006 | 0.085 | 0.026 | 0.020 | 0.022 | 0.030 |
| Observations | 487 | | | | | | 487 | | | | | |
| Alpha | 0.095 | 0.135 | 0.112 | 0.007 | 0.111 | 0.114 | 0.117 | 0.162 | 0.138 | 0.008 | 0.136 | 0.140 |
| R2_lik | 0.215 | 0.239 | 0.229 | 0.005 | 0.228 | 0.230 | -0.474 | 0.205 | -0.013 | 0.191 | -0.050 | 0.025 |
| AICc | 507.922 | 517.763 | 512.083 | 2.155 | 511.655 | 512.511 | 521.628 | 737.378 | 597.634 | 63.061 | 585.121 | 610.146 |

Table S10.

Comparison of phylogenetic logistic regressions for the probability of being extinct at the species-level. AICc = Akaike Information Criterion with small-sample correction; alpha = strength of the phylogenetic signal in extinction risk; R²_{lik} = R² statistic based on the likelihood of fitted models. To account for phylogenetic uncertainty, we ran phylogenetic logistic regressions across 100 complete TACT trees.

| | P(extinct) | | | | | | P(extinct) | | | | | |
|----------------|-------------------------|---------|---------|---------|---------|---------|------------|---------|---------|---------|---------|---------|
| | 100 complete TACT trees | | | | | | | | | | | |
| Predictors | Min | Max | Mean | Sd tree | CI low | CI high | Min | Max | Mean | Sd tree | CI low | CI high |
| Intercept | -3.073 | -2.165 | -2.479 | 0.173 | -2.513 | -2.445 | -2.027 | -0.851 | -1.642 | 0.166 | -1.675 | -1.609 |
| Se Intercept | 0.243 | 0.339 | 0.276 | 0.018 | 0.272 | 0.280 | 0.181 | 0.278 | 0.219 | 0.019 | 0.215 | 0.223 |
| Pval Intercept | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| Magnitude | 3.131 | 4.214 | 3.593 | 0.209 | 3.552 | 3.635 | | | | | | |
| Se Magnitude | 0.374 | 0.444 | 0.408 | 0.014 | 0.405 | 0.410 | | | | | | |
| Pval Magnitude | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | | | | | | |
| Body mass | | | | | | | -0.039 | 1.943 | 0.948 | 0.319 | 0.885 | 1.011 |
| Se Body mass | | | | | | | 0.021 | 0.434 | 0.189 | 0.056 | 0.178 | 0.200 |
| Pval Body mass | | | | | | | <0.001 | 0.999 | 0.041 | 0.183 | 0.005 | 0.078 |
| Observations | 827 | | | | | | 827 | | | | | |
| Alpha | 0.031 | 0.056 | 0.044 | 0.005 | 0.043 | 0.045 | 0.037 | 0.070 | 0.050 | 0.006 | 0.049 | 0.052 |
| R2_lik | 0.404 | 0.580 | 0.544 | 0.032 | 0.538 | 0.550 | -0.008 | 0.513 | 0.328 | 0.169 | 0.294 | 0.361 |
| AICc | 487.089 | 627.015 | 517.166 | 25.734 | 512.059 | 522.272 | 543.192 | 884.596 | 673.528 | 113.455 | 651.016 | 696.040 |

Table S11.

Comparison of phylogenetic logistic regressions for the probability of being threatened at the population-level. AIC = Akaike Information Criterion; AICc = Akaike Information Criterion with small-sample correction; alpha = strength of the phylogenetic signal in extinction risk; R²_{lik} = R² statistic based on the likelihood of fitted models. To account for phylogenetic uncertainty, we ran phylogenetic logistic regressions across 100 complete TACT trees and 100 DNA-only trees. We also evaluated data uncertainty, that is, intraspecific variability in magnitude of size change and body mass, and the interaction between data and phylogenetic uncertainty.

| Predictors | P(threatened) | | | | | | | | | | | | | | | | | |
|-------------------------------|-------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | 100 complete TACT trees | | | | | | | | | | | | | | | | | |
| | Min all | Max all | Mean all | Sd all | CI low all | CI high all | Min intra | Max intra | Mean intra | Sd intra | CI low intra | CI high intra | Min tree | Max tree | Mean tree | Sd tree | CI low tree | CI high tree |
| Intercept | -1.571 | -1.027 | -1.377 | 0.047 | -1.379 | -1.376 | -1.385 | -1.372 | -1.377 | 0.003 | -1.379 | -1.376 | -1.447 | -1.292 | -1.377 | 0.030 | -1.378 | -1.377 |
| Se Intercept | 0.194 | 0.231 | 0.212 | 0.005 | 0.212 | 0.212 | 0.212 | 0.213 | 0.212 | <0.001 | 0.212 | 0.212 | 0.204 | 0.220 | 0.212 | 0.003 | 0.212 | 0.212 |
| Pval Intercept | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| Magnitude | 1.141 | 4.425 | 2.974 | 0.416 | 2.959 | 2.989 | 2.909 | 3.027 | 2.974 | 0.032 | 2.962 | 2.986 | 2.614 | 3.197 | 2.974 | 0.116 | 2.968 | 2.980 |
| Se Magnitude | 0.974 | 1.224 | 1.115 | 0.037 | 1.113 | 1.116 | 1.108 | 1.121 | 1.115 | 0.003 | 1.113 | 1.116 | 1.087 | 1.149 | 1.115 | 0.012 | 1.114 | 1.115 |
| Pval Magnitude | <0.001 | 0.268 | 0.011 | 0.013 | 0.011 | 0.012 | 0.009 | 0.015 | 0.011 | 0.001 | 0.011 | 0.012 | 0.006 | 0.041 | 0.011 | 0.004 | 0.011 | 0.012 |
| Observations | 384 | | | | | | | | | | | | | | | | | |
| Alpha | 0.065 | 0.119 | 0.091 | 0.009 | 0.090 | 0.091 | 0.089 | 0.091 | 0.091 | <0.001 | 0.091 | 0.091 | 0.075 | 0.107 | 0.091 | 0.008 | 0.091 | 0.091 |
| R ² _{lik} | | | | | | | | | | | | | 0.115 | 0.225 | 0.177 | 0.022 | 0.173 | 0.181 |
| AIC | 398.217 | 442.141 | 417.719 | 7.221 | 417.461 | 417.978 | 417.141 | 418.128 | 417.719 | 0.211 | 417.641 | 417.798 | 403.090 | 436.203 | 417.719 | 6.748 | 417.678 | 417.761 |
| AICc | | | | | | | | | | | | | 402.013 | 435.551 | 417.052 | 6.819 | 415.699 | 418.405 |

| Predictors | P(threatened) | | | | | | | | | | | | | | | | | |
|-------------------------------|-------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | 100 complete TACT trees | | | | | | | | | | | | | | | | | |
| | Min all | Max all | Mean all | Sd all | CI low all | CI high all | Min intra | Max intra | Mean intra | Sd intra | CI low intra | CI high intra | Min tree | Max tree | Mean tree | Sd tree | CI low tree | CI high tree |
| Intercept | -1.237 | -1.002 | -1.147 | 0.026 | -1.148 | -1.146 | -1.149 | -1.145 | -1.147 | 0.001 | -1.147 | -1.146 | -1.203 | -1.07 | -1.147 | 0.025 | -1.147 | -1.146 |
| Se Intercept | 0.159 | 0.177 | 0.167 | 0.003 | 0.167 | 0.167 | 0.167 | 0.167 | 0.167 | <0.001 | 0.167 | 0.167 | 0.16 | 0.174 | 0.167 | 0.003 | 0.167 | 0.167 |
| Pval Intercept | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| Body mass | 0.23 | 1.011 | 0.634 | 0.151 | 0.629 | 0.639 | 0.611 | 0.656 | 0.634 | 0.013 | 0.629 | 0.639 | 0.513 | 0.801 | 0.635 | 0.058 | 0.633 | 0.638 |
| Se Body mass | 0.147 | 0.41 | 0.293 | 0.043 | 0.291 | 0.294 | 0.287 | 0.299 | 0.293 | 0.004 | 0.292 | 0.294 | 0.263 | 0.328 | 0.293 | 0.013 | 0.292 | 0.294 |
| Pval Body mass | 0.006 | 0.124 | 0.037 | 0.020 | 0.037 | 0.038 | 0.035 | 0.041 | 0.037 | 0.002 | 0.037 | 0.038 | 0.016 | 0.059 | 0.037 | 0.009 | 0.037 | 0.037 |
| Observations | 384 | | | | | | | | | | | | | | | | | |
| Alpha | 0.079 | 0.129 | 0.104 | 0.008 | 0.104 | 0.104 | 0.103 | 0.104 | 0.104 | <0.001 | 0.104 | 0.104 | 0.086 | 0.126 | 0.104 | 0.008 | 0.104 | 0.104 |
| R ² _{lik} | | | | | | | | | | | | | -0.488 | 0.204 | -0.102 | 0.173 | -0.136 | -0.068 |
| AIC | 399.561 | 434.677 | 415.429 | 6.697 | 415.189 | 415.669 | 414.839 | 415.819 | 415.426 | 0.224 | 415.342 | 415.510 | 402.983 | 431.075 | 415.579 | 6.623 | 415.534 | 415.623 |
| AICc | | | | | | | | | | | | | 408.655 | 580.632 | 491.792 | 45.041 | 482.855 | 500.729 |

| Predictors | P(threatened) | | | | | | | | | | | | | | | | | |
|------------|--------------------|---------|----------|--------|------------|-------------|-----------|-----------|------------|----------|--------------|---------------|----------|----------|-----------|---------|-------------|--------------|
| | 100 DNA-only trees | | | | | | | | | | | | | | | | | |
| | Min all | Max all | Mean all | Sd all | CI low all | CI high all | Min intra | Max intra | Mean intra | Sd intra | CI low intra | CI high intra | Min tree | Max tree | Mean tree | Sd tree | CI low tree | CI high tree |
| Intercept | -1.934 | -1.528 | -1.722 | 0.049 | -1.723 | -1.72 | -1.733 | -1.71 | -1.722 | 0.005 | -1.724 | -1.72 | -1.772 | -1.672 | -1.722 | 0.021 | -1.723 | -1.721 |

| | | | | | | | | | | | | | | | | | | |
|----------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Se Intercept | 0.223 | 0.264 | 0.242 | 0.005 | 0.242 | 0.242 | 0.241 | 0.243 | 0.242 | <0.001 | 0.242 | 0.242 | 0.238 | 0.247 | 0.242 | 0.002 | 0.242 | 0.242 |
| Pval Intercept | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| Magnitude | 1.778 | 4.806 | 3.043 | 0.469 | 3.027 | 3.06 | 2.907 | 3.163 | 3.043 | 0.059 | 3.022 | 3.065 | 2.824 | 3.328 | 3.043 | 0.093 | 3.032 | 3.055 |
| Se Magnitude | 1.176 | 1.539 | 1.404 | 0.054 | 1.402 | 1.406 | 1.389 | 1.413 | 1.404 | 0.005 | 1.402 | 1.406 | 1.373 | 1.438 | 1.404 | 0.013 | 1.403 | 1.405 |
| Pval Magnitude | 0.001 | 0.181 | 0.038 | 0.026 | 0.037 | 0.039 | 0.031 | 0.044 | 0.038 | 0.003 | 0.036 | 0.039 | 0.023 | 0.05 | 0.038 | 0.005 | 0.037 | 0.038 |
| Observations | 331 | | | | | | | | | | | | | | | | | |
| Alpha | 0.072 | 0.135 | 0.105 | 0.009 | 0.105 | 0.105 | 0.104 | 0.106 | 0.105 | <0.001 | 0.105 | 0.105 | 0.087 | 0.123 | 0.105 | 0.008 | 0.105 | 0.105 |
| R2_lik | | | | | | | | | | | | | 0.140 | 0.182 | 0.161 | 0.007 | 0.160 | 0.163 |
| AIC | 306.464 | 324.523 | 315.253 | 2.661 | 315.158 | 315.349 | 314.650 | 315.811 | 315.253 | 0.250 | 315.160 | 315.347 | 309.650 | 320.132 | 315.253 | 1.852 | 315.204 | 315.303 |
| AICc | | | | | | | | | | | | | 308.768 | 318.856 | 313.760 | 1.738 | 313.415 | 314.105 |

| P(threatened) | | | | | | | | | | | | | | | | | | |
|--------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 100 DNA-only trees | | | | | | | | | | | | | | | | | | |
| Predictors | Min all | Max all | Mean all | Sd all | CI low all | CI high all | Min intra | Max intra | Mean intra | Sd intra | CI low intra | CI high intra | Min tree | Max tree | Mean tree | Sd tree | CI low tree | CI high tree |
| Intercept | -1.605 | -0.661 | -1.540 | 0.026 | -1.541 | -1.539 | -1.542 | -1.528 | -1.540 | 0.002 | -1.541 | -1.539 | -1.577 | -1.491 | -1.540 | 0.019 | -1.540 | -1.539 |
| Se Intercept | 0.128 | 0.198 | 0.191 | 0.002 | 0.191 | 0.191 | 0.190 | 0.191 | 0.191 | <0.001 | 0.191 | 0.191 | 0.186 | 0.195 | 0.191 | 0.002 | 0.191 | 0.191 |
| Pval Intercept | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| Body mass | 0.341 | 1.051 | 0.703 | 0.132 | 0.698 | 0.708 | 0.678 | 0.723 | 0.703 | 0.013 | 0.698 | 0.708 | 0.626 | 0.800 | 0.704 | 0.033 | 0.701 | 0.706 |
| Se Body mass | 0.182 | 0.407 | 0.302 | 0.038 | 0.301 | 0.304 | 0.294 | 0.309 | 0.302 | 0.004 | 0.301 | 0.304 | 0.282 | 0.325 | 0.303 | 0.009 | 0.302 | 0.303 |
| Pval Body mass | 0.005 | 0.073 | 0.023 | 0.011 | 0.023 | 0.024 | 0.021 | 0.025 | 0.023 | 0.001 | 0.023 | 0.024 | 0.015 | 0.031 | 0.023 | 0.003 | 0.023 | 0.023 |
| Observations | 331 | | | | | | | | | | | | | | | | | |
| Alpha | 0.090 | 0.299 | 0.111 | 0.009 | 0.110 | 0.111 | 0.110 | 0.113 | 0.111 | <0.001 | 0.111 | 0.111 | 0.094 | 0.129 | 0.111 | 0.008 | 0.111 | 0.111 |
| R2_lik | | | | | | | | | | | | | -0.279 | 0.060 | -0.205 | 0.044 | -0.214 | -0.196 |
| AIC | 299.468 | 350.770 | 309.310 | 2.637 | 309.216 | 309.405 | 309.036 | 309.624 | 309.309 | 0.157 | 309.251 | 309.368 | 302.699 | 315.279 | 309.321 | 2.027 | 309.290 | 309.352 |
| AICc | | | | | | | | | | | | | 337.116 | 405.063 | 391.350 | 8.668 | 389.630 | 393.070 |

Table S12.

Comparison of phylogenetic logistic regressions for the probability of being extinct at the species-level based on historic extinctions since 1500 CE only. AICc = Akaike Information Criterion with small-sample correction; alpha = strength of the phylogenetic signal in extinction risk; R2_lik = R² statistic based on the likelihood of fitted models. To account for phylogenetic uncertainty, we ran phylogenetic logistic regressions across 100 complete TACT trees.

| | P(hist. extinct) | | | | | | P(hist. extinct) | | | | | |
|----------------|-------------------------|---------|---------|---------|---------|---------|------------------|---------|---------|---------|---------|---------|
| | 100 complete TACT trees | | | | | | | | | | | |
| Predictors | Min | Max | Mean | Sd tree | CI low | CI high | Min | Max | Mean | Sd tree | CI low | CI high |
| Intercept | -4.641 | -4.171 | -4.393 | 0.104 | -4.413 | -4.372 | -3.725 | -3.387 | -3.558 | 0.073 | -3.572 | -3.543 |
| Se Intercept | 0.461 | 0.563 | 0.506 | 0.023 | 0.501 | 0.51 | 0.372 | 0.483 | 0.423 | 0.022 | 0.419 | 0.427 |
| Pval Intercept | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| Magnitude | 3.484 | 4.373 | 3.929 | 0.185 | 3.892 | 3.965 | | | | | | |
| Se Magnitude | 0.788 | 0.848 | 0.816 | 0.014 | 0.813 | 0.819 | | | | | | |
| Pval Magnitude | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | | | | | | |
| Body mass | | | | | | | 0.116 | 0.218 | 0.168 | 0.018 | 0.165 | 0.172 |
| Se Body mass | | | | | | | 0.087 | 0.105 | 0.089 | 0.003 | 0.088 | 0.090 |
| Pval Body mass | | | | | | | 0.034 | 0.218 | 0.063 | 0.028 | 0.058 | 0.069 |
| Observations | 668 | | | | | | 668 | | | | | |
| Alpha | 0.056 | 0.127 | 0.078 | 0.014 | 0.076 | 0.081 | 0.056 | 0.111 | 0.075 | 0.010 | 0.073 | 0.077 |
| R2_lik | 0.311 | 0.421 | 0.361 | 0.024 | 0.356 | 0.366 | 0.208 | 0.341 | 0.265 | 0.026 | 0.259 | 0.270 |
| AICc | 133.493 | 155.181 | 145.362 | 4.708 | 144.428 | 146.296 | 149.193 | 174.727 | 164.036 | 4.876 | 163.068 | 165.003 |

Table S13.

Explanation and categorization of traits used in the time-and-trait-dependent extinction analysis.

| Ecological traits | |
|--------------------------------|---|
| <i>Body mass</i> | <i>Explanation</i> |
| very small (vs) | 0.001-0.01 kg |
| Small (s) | 0.01-0.1 kg |
| small medium (sm) | 0.1-1 kg |
| medium (m) | 1-10 kg |
| large medium (lm) | 10-100 kg |
| large (l) | 100-1,000 kg |
| very large (vl) | >1,000 kg |
| <i>Body size change</i> | <i>Explanation</i> |
| strongly dwarfed (sd) | between -10 and -1 |
| moderately dwarfed (md) | between -1 and -0.1 |
| slightly dwarfed (sld) | between -0.1 and -0.01 |
| unchanged (un) | between -0.01 and 0.01 |
| slightly giant (slg) | between 0.01 and 0.1 |
| moderately giant (mg) | between 0.1 and 1 |
| strongly giant (sg) | between 1 and 10 |
| <i>Endemism</i> | <i>Explanation</i> |
| non-endemic | taxon occurs or occurred also on the mainland |
| endemic | taxon occurs or occurred only on islands |
| <i>Island type</i> | <i>Explanation</i> |
| oceanic | taxon occurs or occurred only on oceanic islands |
| continental | taxon occurs or occurred only on continental islands |
| continental + oceanic | taxon occurs or occurred on oceanic and continental islands |

References and Notes

1. A. R. Wallace, *Island Life* (Macmillan, 1880).
2. E. O. Wilson, R. H. MacArthur, *The Theory of Island Biogeography* (Princeton Univ. Press, 1967).
3. R. J. Whittaker, J. M. Fernández-Palacios, T. J. Matthews, M. K. Borregaard, K. A. Triantis, Island biogeography: Taking the long view of nature's laboratories. *Science* **357**, eaam8326 (2017). [doi:10.1126/science.aam8326](https://doi.org/10.1126/science.aam8326) [Medline](#)
4. J. M. Fernández-Palacios, H. Kreft, S. D. H. Irl, S. Norder, C. Ah-Peng, P. A. V. Borges, K. C. Burns, L. de Nascimento, J.-Y. Meyer, E. Montes, D. R. Drake, Scientists' warning – The outstanding biodiversity of islands is in peril. *Glob. Ecol. Conserv.* **31**, e01847 (2021). [doi:10.1016/j.gecco.2021.e01847](https://doi.org/10.1016/j.gecco.2021.e01847) [Medline](#)
5. J. R. Wood, J. A. Alcover, T. M. Blackburn, P. Bover, R. P. Duncan, J. P. Hume, J. Louys, H. J. M. Meijer, J. C. Rando, J. M. Wilmshurst, Island extinctions: Processes, patterns, and potential for ecosystem restoration. *Environ. Conserv.* **44**, 348–358 (2017). [doi:10.1017/S037689291700039X](https://doi.org/10.1017/S037689291700039X)
6. S. K. Lyons, J. H. Miller, D. Fraser, F. A. Smith, A. Boyer, E. Lindsey, A. M. Mychajliw, The changing role of mammal life histories in Late Quaternary extinction vulnerability on continents and islands. *Biol. Lett.* **12**, 20160342 (2016). [doi:10.1098/rsbl.2016.0342](https://doi.org/10.1098/rsbl.2016.0342) [Medline](#)
7. T. Andermann, S. Faurby, S. T. Turvey, A. Antonelli, D. Silvestro, The past and future human impact on mammalian diversity. *Sci. Adv.* **6**, eabb2313 (2020). [doi:10.1126/sciadv.abb2313](https://doi.org/10.1126/sciadv.abb2313) [Medline](#)
8. A. A. E. van der Geer, G. Lyras, J. de Vos, *Evolution of Island Mammals: Adaptation and Extinction of Placental Mammals on Islands* (Wiley-Blackwell, 2021).
9. A. Benítez-López, L. Santini, J. Gallego-Zamorano, B. Milá, P. Walkden, M. A. J. Huijbregts, J. A. Tobias, The island rule explains consistent patterns of body size evolution in terrestrial vertebrates. *Nat. Ecol. Evol.* **5**, 768–786 (2021). [doi:10.1038/s41559-021-01426-y](https://doi.org/10.1038/s41559-021-01426-y) [Medline](#)
10. J. B. Foster, Evolution of mammals on islands. *Nature* **202**, 234–235 (1964). [doi:10.1038/202234a0](https://doi.org/10.1038/202234a0)
11. M. V. Lomolino, A. A. E. van der Geer, G. A. Lyras, M. R. Palombo, D. F. Sax, R. Rozzi, Of mice and mammoths: Generality and antiquity of the island rule. *J. Biogeogr.* **40**, 1427–1439 (2013). [doi:10.1111/jbi.12096](https://doi.org/10.1111/jbi.12096)
12. S. Meiri, N. Cooper, A. Purvis, The island rule: Made to be broken? *Proc. R. Soc. London Ser. B* **275**, 141–148 (2008). [doi:10.1098/rspb.2007.1056](https://doi.org/10.1098/rspb.2007.1056) [Medline](#)
13. S. Faurby, J.-C. Svenning, Resurrection of the island rule: Human-driven extinctions have obscured a basic evolutionary pattern. *Am. Nat.* **187**, 812–820 (2016). [doi:10.1086/686268](https://doi.org/10.1086/686268) [Medline](#)
14. M. V. Lomolino, The unifying, fundamental principles of biogeography: Understanding island life. *Front. Biogeogr.* **8**, e29920 (2016). [doi:10.21425/F58229920](https://doi.org/10.21425/F58229920)

15. G. H. Adler, R. Levins, The island syndrome in rodent populations. *Q. Rev. Biol.* **69**, 473–490 (1994). [doi:10.1086/418744](https://doi.org/10.1086/418744) [Medline](#)
16. A. J. R. Carthey, P. B. Banks, Naïveté in novel ecological interactions: Lessons from theory and experimental evidence. *Biol. Rev. Camb. Philos. Soc.* **89**, 932–949 (2014). [doi:10.1111/brv.12087](https://doi.org/10.1111/brv.12087) [Medline](#)
17. D. Simberloff, Extinction-proneness of island species – causes and management implications. *Raffles Bull. Zool.* **48**, 1–9 (2000).
18. F. Sayol, M. J. Steinbauer, T. M. Blackburn, A. Antonelli, S. Faurby, Anthropogenic extinctions conceal widespread evolution of flightlessness in birds. *Sci. Adv.* **6**, eabb6095 (2020). [doi:10.1126/sciadv.abb6095](https://doi.org/10.1126/sciadv.abb6095) [Medline](#)
19. J. C. Russell, C. Kueffer, Island biodiversity in the Anthropocene. *Annu. Rev. Environ. Resour.* **44**, 31–60 (2019). [doi:10.1146/annurev-environ-101718-033245](https://doi.org/10.1146/annurev-environ-101718-033245)
20. S. Nogué, A. M. C. Santos, H. J. B. Birks, S. Björck, A. Castilla-Beltrán, S. Connor, E. J. de Boer, L. de Nascimento, V. A. Felde, J. M. Fernández-Palacios, C. A. Froyd, S. G. Haberle, H. Hooghiemstra, K. Ljung, S. J. Norder, J. Peñuelas, M. Prebble, J. Stevenson, R. J. Whittaker, K. J. Willis, J. M. Wilmshurst, M. J. Steinbauer, The human dimension of biodiversity changes on islands. *Science* **372**, 488–491 (2021). [doi:10.1126/science.abd6706](https://doi.org/10.1126/science.abd6706) [Medline](#)
21. C. Leclerc, S. Villéger, C. Marino, C. Bellard, Global changes threaten functional and taxonomic diversity of insular species worldwide. *Divers. Distrib.* **26**, 402–414 (2020). [doi:10.1111/ddi.13024](https://doi.org/10.1111/ddi.13024)
22. J. Louys, T. J. Braje, C.-H. Chang, R. Cosgrove, S. M. Fitzpatrick, M. Fujita, S. Hawkins, T. Ingicco, A. Kawamura, R. D. E. MacPhee, M. C. McDowell, H. J. M. Meijer, P. J. Piper, P. Roberts, A. H. Simmons, G. van den Bergh, A. van der Geer, S. Kealy, S. O'Connor, No evidence for widespread island extinctions after Pleistocene hominin arrival. *Proc. Natl. Acad. Sci. U.S.A.* **118**, e2023005118 (2021). [doi:10.1073/pnas.2023005118](https://doi.org/10.1073/pnas.2023005118) [Medline](#)
23. M. Kouvari, A. A. E. van der Geer, Biogeography of extinction: The demise of insular mammals from the Late Pleistocene till today. *Palaeogeogr. Palaeoclimatol. Palaeoecol.* **505**, 295–304 (2018). [doi:10.1016/j.palaeo.2018.06.008](https://doi.org/10.1016/j.palaeo.2018.06.008)
24. S. T. Turvey, C. Duncan, N. S. Upham, X. Harrison, L. M. Dávalos, Where the wild things were: Intrinsic and extrinsic extinction predictors in the world's most depleted mammal fauna. *Proc. R. Soc. London Ser. B* **288**, 20202905 (2021). [doi:10.1098/rspb.2020.2905](https://doi.org/10.1098/rspb.2020.2905) [Medline](#)
25. W. J. Ripple, C. Wolf, T. M. Newsome, M. Hoffmann, A. J. Wirsing, D. J. McCauley, Extinction risk is most acute for the world's largest and smallest vertebrates. *Proc. Natl. Acad. Sci. U.S.A.* **114**, 10678–10683 (2017). [doi:10.1073/pnas.1702078114](https://doi.org/10.1073/pnas.1702078114) [Medline](#)
26. T. B. Atwood, S. A. Valentine, E. Hammill, D. J. McCauley, E. M. P. Madin, K. H. Beard, W. D. Pearse, Herbivores at the highest risk of extinction among mammals, birds, and reptiles. *Sci. Adv.* **6**, eabb8458 (2020). [doi:10.1126/sciadv.abb8458](https://doi.org/10.1126/sciadv.abb8458) [Medline](#)
27. J. L. Payne, N. A. Heim, Body size, sampling completeness, and extinction risk in the marine fossil record. *Paleobiology* **46**, 23–40 (2020). [doi:10.1017/pab.2019.43](https://doi.org/10.1017/pab.2019.43)

28. T. M. Newsome, C. Wolf, D. G. Nimmo, R. K. Kopf, E. G. Ritchie, F. A. Smith, W. J. Ripple, Constraints on vertebrate range size predict extinction risk. *Glob. Ecol. Biogeogr.* **29**, 76–86 (2020). [doi:10.1111/geb.13009](https://doi.org/10.1111/geb.13009)
29. F. A. Smith, R. E. Elliott Smith, S. K. Lyons, J. L. Payne, Body size downgrading of mammals over the late Quaternary. *Science* **360**, 310–313 (2018). [doi:10.1126/science.aao5987](https://doi.org/10.1126/science.aao5987) [Medline](#)
30. F. A. Smith, R. E. Elliott Smith, S. K. Lyons, J. L. Payne, A. Villaseñor, The accelerating influence of humans on mammalian macroecological patterns over the late Quaternary. *Quat. Sci. Rev.* **211**, 1–16 (2019). [doi:10.1016/j.quascirev.2019.02.031](https://doi.org/10.1016/j.quascirev.2019.02.031)
31. IUCN, The IUCN Red List of Threatened Species, version 2021-2 (2021); <https://www.iucnredlist.org>.
32. Materials and methods are available as supplementary materials. Citations (42–223), (226–432), (438–1872), and (1880–1927) are data citations.
33. T. S. Doherty, A. S. Glen, D. G. Nimmo, E. G. Ritchie, C. R. Dickman, Invasive predators and global biodiversity loss. *Proc. Natl. Acad. Sci. U.S.A.* **113**, 11261–11265 (2016). [doi:10.1073/pnas.1602480113](https://doi.org/10.1073/pnas.1602480113) [Medline](#)
34. E. Hanna, M. Cardillo, Island mammal extinctions are determined by interactive effects of life history, island biogeography and mesopredator suppression. *Glob. Ecol. Biogeogr.* **23**, 395–404 (2014). [doi:10.1111/geb.12103](https://doi.org/10.1111/geb.12103)
35. D. M. Hansen, M. Galetti, The forgotten megafauna. *Science* **324**, 42–43 (2009). [doi:10.1126/science.1172393](https://doi.org/10.1126/science.1172393) [Medline](#)
36. D. R. Spatz, K. M. Zilliacus, N. D. Holmes, S. H. M. Butchart, P. Genovesi, G. Ceballos, B. R. Tershy, D. A. Croll, Globally threatened vertebrates on islands with invasive species. *Sci. Adv.* **3**, e1603080 (2017). [doi:10.1126/sciadv.1603080](https://doi.org/10.1126/sciadv.1603080) [Medline](#)
37. B. Collen, S. T. Turvey, C. Waterman, H. M. Meredith, T. S. Kuhn, J. E. Baillie, N. J. Isaac, Investing in evolutionary history: Implementing a phylogenetic approach for mammal conservation. *Philos. Trans. R. Soc. London Ser. B* **366**, 2611–2622 (2011). [doi:10.1098/rstb.2011.0109](https://doi.org/10.1098/rstb.2011.0109) [Medline](#)
38. N. J. Isaac, S. T. Turvey, B. Collen, C. Waterman, J. E. Baillie, Mammals on the EDGE: Conservation priorities based on threat and phylogeny. *PLOS ONE* **2**, e296 (2007). [doi:10.1371/journal.pone.0000296](https://doi.org/10.1371/journal.pone.0000296) [Medline](#)
39. Y. Rizal, K. E. Westaway, Y. Zaim, G. D. van den Bergh, E. A. Bettis 3rd, M. J. Morwood, O. F. Huffman, R. Grün, R. Joannes-Boyau, R. M. Bailey, M. C. Sidarto, M. C. Westaway, I. Kurniawan, M. W. Moore, M. Storey, F. Aziz, J. Suminto, J. X. Zhao, M. E. Aswan, M. E. Sipola, R. Larick, J. P. Zonneveld, R. Scott, S. Putt, R. L. Ciochon, Last appearance of *Homo erectus* at Ngandong, Java, 117,000–108,000 years ago. *Nature* **577**, 381–385 (2020). [doi:10.1038/s41586-019-1863-2](https://doi.org/10.1038/s41586-019-1863-2) [Medline](#)
40. P. L. Sclater, Report on additions to the Society's menagerie during the month of May, and description of *Cervus alfredi*. *Proc. Zool. Soc. Lond.* **1870**, 380–381 (1870).
41. R. Lydekker, *Wild Oxen, Sheep and Goats of All Lands, Living and Extinct* (Rowland Ward Limited, 1898).

42. E. E. McCreless, D. D. Huff, D. A. Croll, B. R. Tershy, D. R. Spatz, N. D. Holmes, S. H. M. Butchart, C. Wilcox, Past and estimated future impact of invasive alien mammals on insular threatened vertebrate populations. *Nat. Commun.* **7**, 12488 (2016). [doi:10.1038/ncomms12488](https://doi.org/10.1038/ncomms12488) [Medline](#)
43. L. Bromham, M. Cardillo, Primates follow the ‘island rule’: Implications for interpreting *Homo floresiensis*. *Biol. Lett.* **3**, 398–400 (2007). [doi:10.1098/rsbl.2007.0113](https://doi.org/10.1098/rsbl.2007.0113) [Medline](#)
44. J. K. Jones, Review of the insectivores of Korea. *Univ. Kans. Publ. Mus. Nat. Hist.* **9**, 549–578 (1960).
45. M. E. Gompper, A. E. Petrites, R. L. Lyman, Cozumel Island fox (*Urocyon* sp.) dwarfism and possible divergence history based on subfossil bones. *J. Zool.* **270**, 72–77 (2006). [doi:10.1111/j.1469-7998.2006.00119.x](https://doi.org/10.1111/j.1469-7998.2006.00119.x)
46. S. Meiri, T. Dayan, D. Simberloff, The generality of the island rule reexamined. *J. Biogeogr.* **33**, 1571–1577 (2006). [doi:10.1111/j.1365-2699.2006.01523.x](https://doi.org/10.1111/j.1365-2699.2006.01523.x)
47. A. Krzanowski, *The Magnitude of Islands and the Size of Bats (Chiroptera)* (Zakład Zoologii Systematycznej Polskiej Akademii Nauk, 1967).
48. R. Strahan, *The Mammals of Australia* (New Holland Publishing Pty Ltd, 1998).
49. A. H. Schultz, The relative weight of the testes in primates. *Anat. Rec.* **72**, 387–394 (1938). [doi:10.1002/ar.1090720310](https://doi.org/10.1002/ar.1090720310)
50. S. Hadi, T. Ziegler, J. K. Hodges, Group structure and physical characteristics of Simakobu monkeys (*Simias concolor*) on the Mentawai Island of Siberut, Indonesia. *Folia Primatol. (Basel)* **80**, 74–82 (2009). [doi:10.1159/000214226](https://doi.org/10.1159/000214226) [Medline](#)
51. M. V. Lomolino, Body size of mammals on islands: The island rule reexamined. *Am. Nat.* **125**, 310–316 (1985). [doi:10.1086/284343](https://doi.org/10.1086/284343)
52. M. V. Lomolino, Body size evolution in insular vertebrates: Generality of the island rule. *J. Biogeogr.* **32**, 1683–1699 (2005). [doi:10.1111/j.1365-2699.2005.01314.x](https://doi.org/10.1111/j.1365-2699.2005.01314.x)
53. M. V. Lomolino, D. F. Sax, M. R. Palombo, A. A. E. van der Geer, Of mice and mammoths: Evaluations of causal explanations for body size evolution in insular mammals. *J. Biogeogr.* **39**, 842–854 (2012). [doi:10.1111/j.1365-2699.2011.02656.x](https://doi.org/10.1111/j.1365-2699.2011.02656.x)
54. R. M. Nowak, *Walker’s Mammals of the World* (Johns Hopkins Univ. Press, 1999).
55. E. A. Goldman, *Raccoons of North and Middle America* (US Government Printing Office, 1950).
56. T. M. Butynski, Y. A. de Jong, G. W. Hearn, Body measurements for the monkeys of Bioko Island, Equatorial Guinea. *Primate Conserv.* **24**, 99–105 (2009). [doi:10.1896/052.024.0108](https://doi.org/10.1896/052.024.0108)
57. E. Meijaard, C. P. Groves, A taxonomic revision of the *Tragulus* mouse-deer (Artiodactyla). *Zool. J. Linn. Soc.* **140**, 63–102 (2004). [doi:10.1111/j.1096-3642.2004.00091.x](https://doi.org/10.1111/j.1096-3642.2004.00091.x)
58. G. Ganem, L. Granjon, K. Ba, J.-M. Duplantier, Body size variability and water balance: A comparison between mainland and island populations of *Mastomys huberti* (Rodentia: Muridae) in Senegal. *Experientia* **51**, 402–410 (1995). [doi:10.1007/BF01928905](https://doi.org/10.1007/BF01928905) [Medline](#)

59. G. S. Miller, *Mammals Collected by Dr. WL Abbott on the Natuna Islands* (The Academy, 1901), vol. 3.
60. M. W. Lyon Jr., Mammals collected in eastern Sumatra by Dr. W. L. Abbott during 1903, 1906, and 1907, with descriptions of new species and subspecies. *Proc. U. S. Natl. Mus.* **34**, 619–679 (1908). [doi:10.5479/si.00963801.34-1626.619](https://doi.org/10.5479/si.00963801.34-1626.619)
61. S. T. Nguyen, T. Oshida, P. H. Dang, H. T. Bui, M. Motokawa, A new species of squirrel (Sciuridae: *Callosciurus*) from an isolated island off the Indochina Peninsula in southern Vietnam. *J. Mammal.* **99**, 813–825 (2018). [doi:10.1093/jmammal/gyy061](https://doi.org/10.1093/jmammal/gyy061)
62. C. B. Kloss, On mammals collected in Siam. *J. Nat. Hist. Soc. Siam* **4**, 333–407 (1919).
63. I. L. Brisbin Jr., M. S. Lenarz, Morphological comparisons of insular and mainland populations of southeastern white-tailed deer. *J. Mammal.* **65**, 44–50 (1984). [doi:10.2307/1381198](https://doi.org/10.2307/1381198)
64. M. W. Lyon, *Treeshrews: An Account of the Mammalian Family Tupaiidae* (US Government Printing Office, 1913), vol. 45.
65. S. Meiri, E. Meijaard, S. A. Wich, C. P. Groves, K. M. Helgen, Mammals of Borneo—small size on a large island. *J. Biogeogr.* **35**, 1087–1094 (2008). [doi:10.1111/j.1365-2699.2008.01897.x](https://doi.org/10.1111/j.1365-2699.2008.01897.x)
66. G. H. Yusefi, B. H. Kiabi, L. Khalatbari, K. Faizolah, N. M. Monteiro, Morphological analysis of Brandt's hedgehog (*Paraechinus hypomelas*) reflects the isolation history of Persian Gulf islands and has implications for taxonomy. *Biol. J. Linn. Soc. Lond.* **119**, 497–510 (2016). [doi:10.1111/bij.12842](https://doi.org/10.1111/bij.12842)
67. R. I. Pocock, The geographical races of *Paradoxurus* and *Paguma* found to the east of the Bay of Bengal. *Proc. Zool. Soc. Lond.* **104**, 613–684 (1934). [doi:10.1111/j.1096-3642.1934.tb01654.x](https://doi.org/10.1111/j.1096-3642.1934.tb01654.x)
68. J. Short, B. Turner, Distribution and abundance of spectacled hare-wallabies and euros on Barrow Island, Western Australia. *Wildl. Res.* **18**, 421–429 (1991). [doi:10.1071/WR9910421](https://doi.org/10.1071/WR9910421)
69. L. Cronin, *Key Guide to Australian Mammals* (Reed Books, 1991).
70. D. S. Jacobs, Morphological divergence in an insular bat, *Lasiurus cinereus semotus*. *Funct. Ecol.* **10**, 622–630 (1996). [doi:10.2307/2390172](https://doi.org/10.2307/2390172)
71. G. S. Miller, *Mammals Collected by Dr. WL Abbott on the Coast and Islands of Northwest Sumatra* (US Government Printing Office, 1903), vol. 26.
72. M. Motokawa, L.-K. Lin, Geographic variation in the mole-shrew *Anourosorex squamipes*. *Mammal Study* **27**, 113–120 (2002). [doi:10.3106/mammalstudy.27.113](https://doi.org/10.3106/mammalstudy.27.113)
73. M. W. Lyon Jr., Mammals collected by Dr. W. L. Abbott on Borneo and some of the small adjacent islands. *Proc. U. S. Natl. Mus.* **40**, 53–146 (1911). [doi:10.5479/si.00963801.40-1809.53](https://doi.org/10.5479/si.00963801.40-1809.53)
74. R. I. Pocock, *The Fauna of British India including Ceylon and Burma* (Taylor and Francis, 1939), vol. 1.
75. J. R. Owens, thesis, Drexel University (2013).

76. S. M. Nor, The mammalian fauna on the islands at the northern tip of Sabah, Borneo. *Fieldiana Zool.* **83**, 1–51 (1996).
77. S. Persson, A. Rotander, B. van Bavel, B. Brunström, B.-M. Bäcklin, U. Magnusson, Influence of age, season, body condition and geographical area on concentrations of chlorinated and brominated contaminants in wild mink (*Neovison vison*) in Sweden. *Chemosphere* **90**, 1664–1671 (2013). [doi:10.1016/j.chemosphere.2012.09.060](https://doi.org/10.1016/j.chemosphere.2012.09.060) [Medline](#)
78. L. Marinelli, J. S. Millar, The ecology of beach-dwelling *Peromyscus maniculatus* on the Pacific Coast. *Can. J. Zool.* **67**, 412–417 (1989). [doi:10.1139/z89-061](https://doi.org/10.1139/z89-061)
79. J. A. Redfield, Distribution, abundance, size, and genetic variation of *Peromyscus maniculatus* on the Gulf Islands of British Columbia. *Can. J. Zool.* **54**, 463–474 (1976). [doi:10.1139/z76-053](https://doi.org/10.1139/z76-053)
80. E. K. Kalko, C. O. Handley Jr., Evolution, biogeography, and description of a new species of fruit-eating bat, genus *Artibeus* Leach (1821), from Panamá. *Z. Säugetierkd.* **59**, 257–273 (1994).
81. R. P. Anderson, C. O. Handley Jr., Dwarfism in insular sloths: Biogeography, selection, and evolutionary rate. *Evolution* **56**, 1045–1058 (2002). [Medline](#)
82. J. E. Hill, The Robinson collection of Malaysian mammals. *Bull. Raffles Mus.* **29**, 6–22 (1960).
83. K. F. Koopman, Zoogeography of mammals from islands off the northeastern coast of New Guinea. *Am. Mus. Novit.* **2690**, 1–17 (1979).
84. J. Fooden, Systematics review of Southeast Asian longtail macaques, *Macaca fascicularis* (Raffles, 1821). *Fieldiana Zool.* **81**, 2–3 (1995).
85. B. Kryštufek, N. Tvrtković, M. Paunović, B. Özkan, Size variation in the Northern white-breasted hedgehog *Erinaceus roumanicus*: Latitudinal cline and the island rule. *Mammalia* **73**, 299–306 (2009). [doi:10.1515/MAMM.2009.055](https://doi.org/10.1515/MAMM.2009.055)
86. R. Pocock, The civet cats of Asia. Part II. *J. Bombay Nat. Hist. Soc.* **36**, 629–656 (1933).
87. E. S. Long, K. L. Courtney, J. C. Lippert, C. M. Wall-Scheffler, Reduced body size of insular black-tailed deer is caused by slowed development. *Oecologia* **189**, 675–685 (2019). [doi:10.1007/s00442-019-04367-3](https://doi.org/10.1007/s00442-019-04367-3) [Medline](#)
88. G. M. Allen, *The Mammals of China and Mongolia* (American Museum of Natural History, 1938).
89. E. A. Goldman, A new mule deer from Sonora. *J. Mammal.* **20**, 496–497 (1939). [doi:10.2307/1374598](https://doi.org/10.2307/1374598)
90. H. R. Mills, D. Moro, P. B. S. Spencer, Conservation significance of island versus mainland populations: A case study of dibblers (*Parantechinus apicalis*) in Western Australia. *Anim. Conserv.* **7**, 387–395 (2004). [doi:10.1017/S1367943004001568](https://doi.org/10.1017/S1367943004001568)
91. F. Wood Jones, *The Mammals of South Australia* (Gov. Printer, Adelaide, 1923).
92. G. H. Adler, The island syndrome in isolated populations of a tropical forest rodent. *Oecologia* **108**, 694–700 (1996). [doi:10.1007/BF00329044](https://doi.org/10.1007/BF00329044) [Medline](#)

93. R. Hutterer, Variation and evolution of the Sicilian shrew: taxonomic conclusions and description of a possibly related species from the Pleistocene of Morocco (Mammalia: Soricidae). *Bonn. Zool. Beitr.* **42**, 241–251 (1991).
94. B. Kryštufek, N. Tvrtković, Variability and identity of the jackals (*Canis aureus*) of Dalmatia. *Ann. Nat. Hist. Mus. Wien. Ser. B. Bot. Zool.* **91**, 7–25 (1987).
95. E. J. Sargis, V. Millien, N. Woodman, L. E. Olson, Rule reversal: Ecogeographical patterns of body size variation in the common treeshrew (Mammalia, Scandentia). *Ecol. Evol.* **8**, 1634–1645 (2018). [doi:10.1002/ece3.3682](https://doi.org/10.1002/ece3.3682) [Medline](#)
96. E. P. González Quintero, thesis, Centro de Investigaciones Biológicas del Noroeste, S.C., Mexico (2004).
97. J. O. De la Cruz, E. V. Casas Jr., Captive observations and comparative morphology of Philippine tarsier (*Carlito syrichta*) in Brgy. Hugpa, Biliran, Biliran: A preliminary study. *Philipp. J. Nat. Sci.* **20**, 46–54 (2015).
98. T. E. Lawlor, The evolution of body size in mammals: Evidence from insular populations in Mexico. *Am. Nat.* **119**, 54–72 (1982). [doi:10.1086/283890](https://doi.org/10.1086/283890)
99. C. Terada, S. Tatsuzawa, T. Saitoh, Ecological correlates and determinants in the geographical variation of deer morphology. *Oecologia* **169**, 981–994 (2012). [doi:10.1007/s00442-012-2270-7](https://doi.org/10.1007/s00442-012-2270-7) [Medline](#)
100. F. N. Chasen, C. B. Kloss, On a collection of mammals from the lowlands and islands of North Borneo. *Bull. Raffles Mus.* **6**, 1–82 (1931).
101. W. H. Osgood, *Revision of the Pocket Mice of the Genus Perognathus*, no. 18 of *North American Fauna* (US Fish and Wildlife Service, 1900).
102. S.-I. Kim, T. Oshida, H. Lee, M.-S. Min, J. Kimura, Evolutionary and biogeographical implications of variation in skull morphology of raccoon dogs (*Nyctereutes procyonoides*, Mammalia: Carnivora). *Biol. J. Linn. Soc. Lond.* **116**, 856–872 (2015). [doi:10.1111/bij.12629](https://doi.org/10.1111/bij.12629)
103. S. Li, F. H. Yu, X. F. Lv, Cranial morphometric study of four giant flying squirrels (*Petaurista*) (Rodentia: Sciuridae) from China. *Zool. Res.* **33**, 119–126 (2012). [Medline](#)
104. L. E. Harding, *Trachypithecus cristatus* (Primates: Cercopithecidae). *Mamm. Species* **42**, 149–165 (2010). [doi:10.1644/862.1](https://doi.org/10.1644/862.1)
105. P. H. Napier, *Catalogue of Primates in the British Museum (Natural History) and Elsewhere in the British Isles. Part III: Family Cercopithecidae, Subfamily Colobinae* (British Museum of Natural History, 1985), vol. 3.
106. M. J. Ravosa, Cranial allometry and geographic variation in slow lorises (*Nycticebus*). *Am. J. Primatol.* **45**, 225–243 (1998). [doi:10.1002/\(SICI\)1098-2345\(1998\)45:3<225::AID-AJPI>3.0.CO;2-Y](https://doi.org/10.1002/(SICI)1098-2345(1998)45:3<225::AID-AJPI>3.0.CO;2-Y) [Medline](#)
107. L. R. Heaney, Mammals from Camiguin Island, Philippines. *Proc. Biol. Soc. Wash.* **97**, 119–125 (1984).
108. K. W. McFadden, S. Meiri, Dwarfism in insular carnivores: A case study of the pygmy raccoon. *J. Zool.* **289**, 213–221 (2013). [doi:10.1111/j.1469-7998.2012.00978.x](https://doi.org/10.1111/j.1469-7998.2012.00978.x)

109. V. Bailey, *Revision of American Voles of the Genus Microtus* (US Government Printing Office, 1900).
110. J. A. Allen, A. J. Stone, M. P. Anderson, Mammals collected in Alaska and northern British Columbia by the Andrew J. Stone Expedition of 1902. *Bull. Am. Mus. Nat. Hist.* **19**, 521–567 (1903).
111. D. P. Sleeman, J. Davenport, R. E. Cussen, R. F. Hammond, The small-bodied badgers (*Meles meles* (L.)) of Rutland Island, Co. Donegal. *Ir. Nat. J.* **30**, 1–6 (2009).
112. G. S. Miller, *Catalogue of the Mammals of Western Europe* (British Museum of Natural History, 1912).
113. S. Meiri, T. Dayan, D. Simberloff, Body size of insular carnivores: Little support for the island rule. *Am. Nat.* **163**, 469–479 (2004). [doi:10.1086/382229](https://doi.org/10.1086/382229) [Medline](#)
114. G. S. Miller Jr., Seventy new Malayan mammals. *Smithson. Misc. Collect.* **45**, 1–73 (1903). [doi:10.5962/bhl.part.7703](https://doi.org/10.5962/bhl.part.7703)
115. M. D. Eldridge, J. M. King, A. K. Loupis, P. B. Spencer, A. C. Taylor, L. C. Pope, G. P. Hall, Unprecedented low levels of genetic variation and inbreeding depression in an island population of the black-footed rock-wallaby. *Conserv. Biol.* **13**, 531–541 (1999). [doi:10.1046/j.1523-1739.1999.98115.x](https://doi.org/10.1046/j.1523-1739.1999.98115.x)
116. W. H. Osgood, *Revision of the Mice of the American Genus Peromyscus* (US Government Printing Office, 1909).
117. H. J. V. Sody, Notes on some primates, carnivora, and the babirusa from the Indo-Malayan and Indo-Australian regions. *Treubia* **20**, 121–190 (2016).
118. D. P. Sleeman, R. E. Cussen, A. K. Southey, D. O’Leary, The badgers *Meles meles* (L.) of Coney Island, Co Sligo. *Ir. Nat. J.* **31**, 10–18 (2002).
119. C. Hadley, N. Milne, L. H. Schmitt, A three-dimensional geometric morphometric analysis of variation in cranial size and shape in tammar wallaby (*Macropus eugenii*) populations. *Aust. J. Zool.* **57**, 337–345 (2009). [doi:10.1071/ZO08098](https://doi.org/10.1071/ZO08098)
120. B. T. Hai, L. N. Tu, V. T. Duong, N. T. Son, “Geographic variation in skull size and shape of *Crocidura dracula* (Mammalia: Soricidae) in Vietnam” in *Proceedings of the 7th National Scientific Conference on Ecology and Biological Resources* (2017), pp. 670–677.
121. E. Ursin, Geographical variation in *Apodemus sylvaticus* and *A. flavicollis* (Rodentia, Muridae) in Europe, with special references to Danish and Latvian populations. *Biol. Skr. K. Dan. Vidensk. Selsk.* **8**, 1–46 (1956).
122. T. Geissmann, thesis, Anthropological Institute, Philosophy Faculty II, Universität Zürich (1993).
123. W. E. Poole, J. T. Wood, N. G. Simms, Distribution of the tammar, *Macropus eugenii*, and the relationships of populations as determined by cranial morphometrics. *Wildl. Res.* **18**, 625–639 (1991). [doi:10.1071/WR9910625](https://doi.org/10.1071/WR9910625)
124. L. R. Heaney, D. S. Rabor, Mammals of Dinagat and Siargao Islands, Philippines. *Occas. Pap. Mus. Zool. Univ. Mich.* **699**, 1–30 (1982).

125. F. L. Sicuro, L. F. B. Oliveira, Variations in leopard cat (*Prionailurus bengalensis*) skull morphology and body size: Sexual and geographic influences. *PeerJ* **3**, e1309 (2015). [doi:10.7717/peerj.1309](https://doi.org/10.7717/peerj.1309) [Medline](#)
126. M. W. Lyon Jr., Mammals collected by Dr. W. L. Abbott on the chain of islands lying off the western coast of Sumatra, with descriptions of twenty-eight new species and subspecies. *Proc. U. S. Natl. Mus.* **52**, 437–462 (1916). [doi:10.5479/si.00963801.52-2188.437](https://doi.org/10.5479/si.00963801.52-2188.437)
127. Y. Takada, E. Sakai, Y. Uematsu, T. Tateishi, Morphological variation of large Japanese field mice, *Apodemus speciosus* on the Izu and Oki Islands. *Mammal Study* **31**, 29–40 (2006). [doi:10.3106/1348-6160\(2006\)31\[29:MVOLJF\]2.0.CO;2](https://doi.org/10.3106/1348-6160(2006)31[29:MVOLJF]2.0.CO;2)
128. H. Abe, Habitat factors affecting the geographic size variation of Japanese moles. *Mammal Study* **21**, 71–87 (1996). [doi:10.3106/mammalstudy.21.71](https://doi.org/10.3106/mammalstudy.21.71)
129. E. Delson, C. J. Terranova, W. L. Jungers, E. J. Sargis, N. G. Jablonski, Body mass in Cercopithecidae (Primates, Mammalia): Estimation and scaling in extinct and extant taxa. *Anthropol. Pap. Am. Mus. Nat. Hist.* **83**, 1–159 (2000).
130. R. J. Smith, W. L. Jungers, Body mass in comparative primatology. *J. Hum. Evol.* **32**, 523–559 (1997). [doi:10.1006/jhev.1996.0122](https://doi.org/10.1006/jhev.1996.0122) [Medline](#)
131. T. H. Worthy, M. J. Daniel, J. E. Hill, An analysis of skeletal size variation in *Mystacina robusta* Dwyer, 1962 (Chiroptera: Mystacinidae). *N. Z. J. Zool.* **23**, 99–110 (1996). [doi:10.1080/03014223.1996.9518071](https://doi.org/10.1080/03014223.1996.9518071)
132. L. R. Heaney, P. C. Gonzales, R. B. Utzurrum, E. A. Rickart, The mammals of Catanduanes Island: Implications for the biogeography of small land-bridge Islands in the Philippines. *Proc. Biol. Soc. Wash.* **104**, 399–415 (1991).
133. E. R. Hall, E. L. Cockrum, Comments on the taxonomy and geographic distribution of North American microtines. *Univ. Kans. Publ. Mus. Nat. Hist.* **5**, 293–312 (1952).
134. T. J. Myers, Prediction of marsupial body mass. *Aust. J. Zool.* **49**, 99–118 (2001). [doi:10.1071/ZO01009](https://doi.org/10.1071/ZO01009)
135. F. Catzefflis, T. Maddalena, S. Hellwing, P. Vogel, Unexpected findings on the taxonomic status of East Mediterranean *Crocidura russula* auct. (Mammalia, Insectivora). *Z. Säugetierkd.* **50**, 185–201 (1985).
136. J. A. Allen, F. M. Chapman, On a collection of mammals from the island of Trinidad, with descriptions of new species. *Bull. Am. Mus. Nat. Hist.* **5**, 203–234 (1893).
137. L. Medway, Observations on the fauna of Pulau Tioman and Pulau Tulai. 2. The mammals. *Bull. Natl. Mus. Singapore* **34**, 9–32 (1966).
138. A. V. Abramov, A. Y. Puzachenko, Sexual dimorphism of craniological characters in Eurasian badgers, *Meles* spp. (Carnivora, Mustelidae). *Zool. Anz.* **244**, 11–29 (2005). [doi:10.1016/j.jcz.2004.12.002](https://doi.org/10.1016/j.jcz.2004.12.002)
139. H. N. M. Sahimi, J. K. Chubo, M. M. Top Mohd Tah, N. B. Saripuddin, S. S. Ab Rahim, The distribution and population density of Bornean Tarsier “*Tarsius bancanus borneanus* (Elliot)” in secondary and rehabilitated forests of Universiti Putra Malaysia, Bintulu

- Sarawak Campus, Sarawak, Malaysia. *Trop. Life Sci. Res.* **29**, 139–154 (2018).
[doi:10.21315/tlsr2018.29.1.10](https://doi.org/10.21315/tlsr2018.29.1.10) [Medline](#)
140. I. Yustian, *Ecology and Conservation Status of Tarsius bancanus saltator on Belitung Island, Indonesia* (Cuvillier Verlag, 2007).
141. V. Nijman, Group composition and monandry in grizzled langurs, *Presbytis comata*, on Java. *Folia Primatol. (Basel)* **88**, 237–254 (2017). [doi:10.1159/000478695](https://doi.org/10.1159/000478695) [Medline](#)
142. D. Brandon-Jones, The taxonomic affinities of the Mentawai Islands Sureli, *Presbytis potenziani* (Bonaparte, 1856) (Mammalia: Primata: Cercopithecidae). *Raffles Bull. Zool.* **41**, 331–357 (1993).
143. A. H. Schultz, Observations on the growth, classification and evolutionary specialization of gibbons and siamangs. *Hum. Biol.* **5**, 212–255, 385–428 (1933).
144. A. L. Zihlman, A. R. Mootnick, C. E. Underwood, Anatomical contributions to hylobatid taxonomy and adaptation. *Int. J. Primatol.* **32**, 865–877 (2011). [doi:10.1007/s10764-011-9506-y](https://doi.org/10.1007/s10764-011-9506-y) [Medline](#)
145. J. B. Foster, The evolution of the mammals of the Queen Charlotte Islands, British Columbia. *Occas. Pap. Br. Columbia Prov. Mus.* **14** (1965).
146. H. Endo, K. Fukuta, J. Kimura, M. Sasaki, B. J. Stafford, Geographical variation of the skull of the lesser mouse deer. *J. Vet. Med. Sci.* **66**, 1229–1235 (2004).
[doi:10.1292/jvms.66.1229](https://doi.org/10.1292/jvms.66.1229) [Medline](#)
147. D. J. Kitchener, S. Hisheh, L. H. Schmitt, I. Maryanto, Morphological and genetic variation in *Aethalops alecto* (Chiroptera, Pteropodidae) from Java, Bali and Lombok Is., Indonesia. *Mammalia* **57**, 255–272 (1993). [doi:10.1515/mamm.1993.57.2.255](https://doi.org/10.1515/mamm.1993.57.2.255)
148. M. Motokawa, Geographic variation in the Japanese white-toothed shrew *Crociodura dsinezumi*. *Acta Theriol. (Warsz.)* **48**, 145–156 (2003). [doi:10.1007/BF03194154](https://doi.org/10.1007/BF03194154)
149. J. B. Foster, thesis, University of British Columbia (1963).
150. A. Angerbjörn, Gigantism in island populations of wood mice (*Apodemus*) in Europe. *Oikos* **47**, 47–56 (1986). [doi:10.2307/3565918](https://doi.org/10.2307/3565918)
151. M. O. Kubo, S. Takatsuki, Geographical body size clines in sika deer: Path analysis to discern amongst environmental influences. *Evol. Biol.* **42**, 115–127 (2015).
[doi:10.1007/s11692-015-9303-1](https://doi.org/10.1007/s11692-015-9303-1)
152. J. K. Jones, Synopsis of the lagomorphs and rodents of Korea. *Univ. Kans. Publ. Mus. Nat. Hist.* **16**, 357–407 (1965).
153. D. J. Kitchener, L. H. Schmitt, Maharadatunkamsi, Morphological and genetic variation in *Suncus murinus* (Soricidae: Crocidurinae) from Java, Lesser Sunda islands, Maluku and Sulawesi, Indonesia. *Mammalia* **58**, 433–452 (1994). [doi:10.1515/mamm.1994.58.3.433](https://doi.org/10.1515/mamm.1994.58.3.433)
154. S. Helin, Sexual dimorphism and geographical variation on body size in the yellow weasel (*Mustela sibirica*). *Shou Lei Xue Bao* **7**, 92–95 (1987).
155. C. H. Merriam, Synopsis of the American shrews of the genus *Sorex*. *N. Am. Fauna* **10**, 57–125 (1895). [doi:10.3996/nafa.10.0003](https://doi.org/10.3996/nafa.10.0003)

156. R. E. Hall, American weasels. *Univ. Kans. Publ. Mus. Nat. Hist.* **4**, 1–466 (1951).
157. J. L. Celis-Diez, J. Hetz, P. A. Marín-Vial, G. Fuster, P. Necochea, R. A. Vásquez, F. M. Jaksic, J. J. Armesto, Population abundance, natural history, and habitat use by the arboreal marsupial *Dromiciops gliroides* in rural Chiloé Island, Chile. *J. Mammal.* **93**, 134–148 (2012). [doi:10.1644/10-MAMM-A-406.1](https://doi.org/10.1644/10-MAMM-A-406.1)
158. M. A. Rodríguez-Cabal, G. C. Amico, A. J. Novaro, M. A. Aizen, Population characteristics of *Dromiciops gliroides* (Philippi, 1893), an endemic marsupial of the temperate forest of Patagonia. *Mamm. Biol.* **73**, 74–76 (2008). [doi:10.1016/j.mambio.2007.06.002](https://doi.org/10.1016/j.mambio.2007.06.002)
159. Maharadatunkamsi, S. Hisheh, D. J. Kitchener, L. H. Schmitt, Relationships between morphology, genetics and geography in the cave fruit bat *Eonycteris spelaea* (Dobson, 1871) from Indonesia. *Biol. J. Linn. Soc. Lond.* **79**, 511–522 (2003). [doi:10.1046/j.1095-8312.2003.00201.x](https://doi.org/10.1046/j.1095-8312.2003.00201.x)
160. P. Sleeman, R. Cussen, T. O'Donoghue, E. Costello, Badgers (*Meles meles*) on Fenit island, and their presence or absence on other Islands in co. Kerry, Ireland. *Small Carniv. Conserv.* **24**, 10–12 (2001).
161. A. A. Vershinin, The biology and trapping of the ermine in Kamchatka. *Byull. Mosk. O-Va Ispyt. Prir. Otd. Biol.* **77**, 16–26 (1972).
162. C. H. Merriam, *Revision of the Shrews of the American Genera Blarina and Notiosorex* (US Government Printing Office, 1895).
163. G. H. H. Tate, A systematic revision of the marsupial genus *Marmosa*: With a discussion of the adaptive radiation of the murine opossums (*Marmosa*). *Bull. Am. Mus. Nat. Hist.* **66**, 1–250 (1933).
164. N. Woodman, E. Schneider, P. Grant, D. Same, K. E. Schmall, J. T. Curtis, A new southern distributional limit for the Central American rodent *Peromyscus stirtoni*. *Caribb. J. Sci.* **38**, 281–284 (2002).
165. V. Millien, Relative effects of climate change, isolation and competition on body-size evolution in the Japanese field mouse, *Apodemus argenteus*. *J. Biogeogr.* **31**, 1267–1276 (2004). [doi:10.1111/j.1365-2699.2004.01119.x](https://doi.org/10.1111/j.1365-2699.2004.01119.x)
166. R. Moratelli, D. E. Wilson, R. L. Novaes, K. M. Helgen, E. E. Gutiérrez, Caribbean *Myotis* (Chiroptera, Vespertilionidae), with description of a new species from Trinidad and Tobago. *J. Mammal.* **98**, 994–1008 (2017). [doi:10.1093/jmammal/gyx062](https://doi.org/10.1093/jmammal/gyx062)
167. S. Pagh, C. Pertoldi, H. H. Petersen, T. H. Jensen, M. S. Hansen, S. Madsen, D. C. E. Kraft, N. Iversen, P. Roslev, M. Chriel, Methods for the identification of farm escapees in feral mink (*Neovison vison*) populations. *PLOS ONE* **14**, e0224559 (2019). [doi:10.1371/journal.pone.0224559](https://doi.org/10.1371/journal.pone.0224559) [Medline](#)
168. P. Vogel, The shrews of the genus *Crocidura* on Lesbos, an eastern Mediterranean island. *Bonn. Zool. Beitr.* **46**, 339–347 (1996).
169. T. A. White, J. B. Searle, Factors explaining increased body size in common shrews (*Sorex araneus*) on Scottish islands. *J. Biogeogr.* **34**, 356–363 (2007). [doi:10.1111/j.1365-2699.2006.01599.x](https://doi.org/10.1111/j.1365-2699.2006.01599.x)

170. L. R. Heaney, Island area and body size of insular mammals: Evidence from the tri-colored squirrel (*Callosciurus prevosti*) of Southeast Asia. *Evolution* **32**, 29–44 (1978). [Medline](#)
171. J. Fooden, G. H. Albrecht, Latitudinal and insular variation of skull size in crab-eating macaques (primates, Cercopithecidae: *Macaca fascicularis*). *Am. J. Phys. Anthropol.* **92**, 521–538 (1993). [doi:10.1002/ajpa.1330920409](https://doi.org/10.1002/ajpa.1330920409) [Medline](#)
172. D. J. Kitchener, L. H. Schmitt, S. Hisheh, R. A. How, N. K. Cooper, Morphological and genetic variation in the bearded tomb bats (*Taphozous*: Emballonuridae) of Nusa Tenggara, Indonesia. *Mammalia* **57**, 63–83 (1993). [doi:10.1515/mamm.1993.57.1.63](https://doi.org/10.1515/mamm.1993.57.1.63)
173. E. R. Hall, *A New Race of Black Bear from Vancouver Island, British Columbia, with Remarks on Other Northwest Coast Forms of Euarctos and Records Of Supernumerary Teeth in Bears* (Univ. of California Press, 1928).
174. M. W. Lyon Jr., Mammals of Banka, Mendanau, and Billiton Islands, between Sumatra and Borneo. *Proc. U. S. Natl. Mus.* **31**, 575–612 (1906). [doi:10.5479/si.00963801.31-1498.575](https://doi.org/10.5479/si.00963801.31-1498.575)
175. J. A. Allen, A preliminary study of the North American opossums of the genus *Didelphis*. *Bull. Am. Mus. Nat. Hist.* **14**, 149–188 (1901).
176. J. Iliopoulou-Georgudaki, The relationship between climatic factors and forearm length of bats: Evidence from the chiroptero fauna of Lesvos island (Greece–East Aegean). *Mammalia* **50**, 478–481 (1986). [doi:10.1515/mamm.1986.50.4.475](https://doi.org/10.1515/mamm.1986.50.4.475)
177. C. P. Groves, Notes on the systematics of *Babyrousa* (Artiodactyla, Suidae). *Zool. Meded.* **55**, 29–46 (1980).
178. A. Forsman, J. Merilä, T. Ebenhard, Phenotypic evolution of dispersal-enhancing traits in insular voles. *Proc. R. Soc. London Ser. B* **278**, 225–232 (2011). [doi:10.1098/rspb.2010.1325](https://doi.org/10.1098/rspb.2010.1325) [Medline](#)
179. G. H. Adler, R. H. Tamarin, Demography and reproduction in island and mainland white-footed mice (*Peromyscus leucopus*) in southeastern Massachusetts. *Can. J. Zool.* **62**, 58–64 (1984). [doi:10.1139/z84-011](https://doi.org/10.1139/z84-011)
180. E. A. Sinclair, Morphological variation among populations of the quokka, *Setonix brachyurus* (Macropodidae: Marsupialia), in Western Australia. *Aust. J. Zool.* **46**, 439–449 (1998). [doi:10.1071/ZO98014](https://doi.org/10.1071/ZO98014)
181. G. H. Albrecht, P. D. Jenkins, L. R. Godfrey, Ecogeographic size variation among the living and subfossil prosimians of Madagascar. *Am. J. Primatol.* **22**, 1–50 (1990). [doi:10.1002/ajp.1350220102](https://doi.org/10.1002/ajp.1350220102) [Medline](#)
182. P. B. Copley, V. T. Read, A. C. Robinson, C. H. S. Watts, “Preliminary studies of the Nuyts Archipelago bandicoot *Isoodon obesulus nauticus* on the Franklin Islands, South Australia” in *Bandicoots and Bilbies* (Surrey Beatty & Sons Pty Limited, 1990), pp. 345–356.
183. M. G. Malmquist, Character displacement and biogeography of the pygmy shrew in northern Europe. *Ecology* **66**, 372–377 (1985). [doi:10.2307/1940386](https://doi.org/10.2307/1940386)

184. R. H. Melton, Body size and island *Peromyscus*: A pattern and a hypothesis. *Evol. Theory* **6**, 113–126 (1982).
185. W. H. Osgood, *Natural History of the Queen Charlotte Islands, British Columbia. Natural History of the Cook Inlet Region, Alaska* (US Government Printing Office, 1901).
186. G. S. Miller, Mammals collected by Dr. W. L. Abbott in the region of the Indragiri River, Sumatra. *Proc. Acad. Nat. Sci. Philadelphia* **54**, 143–159 (1902).
187. M. J. Delany, M. J. R. Healy, Variation in the long-tailed field-mouse (*Apodemus sylvaticus* (L.)) in the Channel Islands. *Proc. R. Soc. London Ser. B* **166**, 408–421 (1967).
[doi:10.1098/rspb.1967.0004](https://doi.org/10.1098/rspb.1967.0004) [Medline](#)
188. T. T. Struhsaker, *The Red Colobus Monkeys: Variation in Demography, Behavior, and Ecology of Endangered Species* (Oxford Univ. Press, 2010).
189. D. W. Nagorsen, “Body weight variation among insular and mainland American martens” in *Martens, Sables, and Fishers Biology and Conservation* (Comstock, 1994), pp. 85–97.
190. S. D. Ohdachi, H. Abe, H. S. Oh, S. H. Han, Morphological relationships among populations in the *Sorex caecutiens/shinto* group (Eulipotyphla, Soricidae) in East Asia, with a description of a new subspecies from Cheju Island, Korea. *Mamm. Biol.* **70**, 345–358 (2005). [doi:10.1016/j.mambio.2005.06.004](https://doi.org/10.1016/j.mambio.2005.06.004)
191. E. Magnanou, R. Fons, J. Blondel, S. Morand, Energy expenditure in Crocidurinae shrews (Insectivora): Is metabolism a key component of the insular syndrome? *Comp. Biochem. Physiol. A Mol. Integr. Physiol.* **142**, 276–285 (2005). [doi:10.1016/j.cbpb.2005.07.006](https://doi.org/10.1016/j.cbpb.2005.07.006)
[Medline](#)
192. E. W. Nelson, New subspecies of the American Arctic hare. *Proc. Biol. Soc. Wash.* **47**, 83–86 (1934).
193. M. Shekelle, Observations of wild Sangihe island tarsiers *Tarsius sangirensis*. *Asian Primates J.* **3**, 18–23 (2013).
194. D. G. Quin, A. P. Smith, T. W. Norton, Eco-geographic variation in size and sexual dimorphism in sugar gliders and squirrel gliders (Marsupialia: Petauridae). *Aust. J. Zool.* **44**, 19–45 (1996). [doi:10.1071/ZO9960019](https://doi.org/10.1071/ZO9960019)
195. R. H. Tamarin, Dispersal, population regulation, and K-selection in field mice. *Am. Nat.* **112**, 545–555 (1978). [doi:10.1086/283296](https://doi.org/10.1086/283296)
196. J. A. Allen, F. M. Chapman, Review of the South American Sciuridae. *Bull. Am. Mus. Nat. Hist.* **34**, 147–309 (1915).
197. C. H. Merriam, Six new mammals from Cozumel Island, Yucatan. *Proc. Biol. Soc. Wash.* **14**, 99–104 (1901).
198. V. Millien, J. Damuth, Climate change and size evolution in an island rodent species: New perspectives on the island rule. *Evolution* **58**, 1353–1360 (2004). [Medline](#)
199. T. Grant, *Platypus* (Csiro Publishing, 2007).
200. J. J. Cherem, J. Olimpio, A. Ximenez, Descrição de uma nova espécie do gênero *Cavia* Pallas, 1766 (Mammalia-Caviidae) das Ilhas dos Moleques do Sul, Santa Catarina, Sul do Brasil. *Biotemas* **12**, 95–117 (1999).

201. J. Sabater Pi, Contribution to the ecology of *Colobus polykomos satanas* (Waterhouse, 1838) of Rio Muni, Republic of Equatorial Guinea. *Folia Primatol. (Basel)* **19**, 193–207 (1973). [doi:10.1159/000155538](https://doi.org/10.1159/000155538) [Medline](#)
202. L. Contoli, G. Amori, First record of a live crocidura (Mammalia, Insectivora) from Pantelleria Island, Italy. *Acta Theriol. (Warsz.)* **31**, 343–347 (1986). [doi:10.4098/AT.arch.86-31](https://doi.org/10.4098/AT.arch.86-31)
203. P. A. Jewell, Breeding season and recruitment in some British mammals confined on small islands. *Symp. Zool. Soc. Lond.* **15**, 89–116 (1966).
204. S. Munks, The breeding biology of *Pseudocheirus peregrinus viverrinus* on Flinders Island, Bass Strait. *Wildl. Res.* **22**, 521–533 (1995). [doi:10.1071/WR9950521](https://doi.org/10.1071/WR9950521)
205. L. R. Heaney, Systematics of Oriental pygmy squirrels of the genera *Exilisciurus* and *Nannosciurus* (Mammalia: Sciuridae). *Misc. Publ. Mus. Zool. Univ. Mich.* **170**, 1–58 (1985).
206. H. Iida, T. Mori, Taxonomic re-examination of the *Apodemus agrarius chejuensis*, comparing external and cranial morphological characters among four Asian *Apodemus* species. *J. Fac. Agric. Kyushu Univ.* **47**, 373–386 (2003). [doi:10.5109/4508](https://doi.org/10.5109/4508)
207. E. R. Hall, Variation among insular mammals of Georgia Strait, British Columbia. *Am. Nat.* **72**, 453–463 (1938). [doi:10.1086/280798](https://doi.org/10.1086/280798)
208. L. M. Ceríaco, M. P. Marques, F. Jacquet, V. Nicolas, M. Colyn, C. Denys, P. C. Sardinha, C. Bastos-Silveira, Description of a new endemic species of shrew (Mammalia, Soricomorpha) from Príncipe Island (Gulf of Guinea). *Mammalia* **79**, 325–341 (2015). [doi:10.1515/mammalia-2014-0056](https://doi.org/10.1515/mammalia-2014-0056)
209. M. M. Driessen, R. K. Rose, *Isoodon obesulus* (Peramelemorphia: Peramelidae). *Mamm. Species* **47**, 112–123 (2015). [doi:10.1093/mspecies/sev012](https://doi.org/10.1093/mspecies/sev012)
210. J. W. Bee, E. R. Hall, *Mammals of Northern Alaska on the Arctic Slope* (Museum of Natural History, University of Kansas, 1956).
211. G. E. Heinsohn, Ecology and reproduction of the Tasmanian bandicoots (*Perameles gunni* and *Isoodon obesulus*). *Univ. Calif. Publ. Zool.* **80**, 1–96 (1966).
212. S. A. Mallick, M. M. Driessen, G. J. Hocking, Biology of the southern brown bandicoot (*Isoodon obesulus*) in south-eastern Tasmania. I. Diet. *Aust. Mammal.* **20**, 331–338 (1998). [doi:10.1071/AM98331](https://doi.org/10.1071/AM98331)
213. D. M. Stoddart, R. W. Braithwaite, A strategy for utilization of regenerating heathland habitat by the brown bandicoot (*Isoodon obesulus*; Marsupialia, Peramelidae). *J. Anim. Ecol.* **48**, 165–179 (1979). [doi:10.2307/4107](https://doi.org/10.2307/4107)
214. F. Baier, H. E. Hoekstra, The genetics of morphological and behavioural island traits in deer mice. *Proc. R. Soc. London Ser. B* **286**, 20191697 (2019). [doi:10.1098/rspb.2019.1697](https://doi.org/10.1098/rspb.2019.1697) [Medline](#)
215. L. Nolfo-Clements, R. Butcher, M. Leite, M. Clements, Evidence of the island rule and microevolution in white-footed mice (*Peromyscus leucopus*) in an urban harbor archipelago. *Mammal Res.* **62**, 423–430 (2017). [doi:10.1007/s13364-017-0324-2](https://doi.org/10.1007/s13364-017-0324-2)

216. T. A. A. Prowse, R. A. Correll, C. N. Johnson, G. J. Prideaux, B. W. Brook, Empirical tests of harvest-induced body-size evolution along a geographic gradient in Australian macropods. *J. Anim. Ecol.* **84**, 299–309 (2015). [doi:10.1111/1365-2656.12273](https://doi.org/10.1111/1365-2656.12273) [Medline](#)
217. K. Khidas, J. Duhaime, H. M. Huynh, Morphological divergence of continental and island populations of Canada lynx. *Northeast. Nat. (Steuben)* **20**, 587–608 (2013). [doi:10.1656/045.020.0413](https://doi.org/10.1656/045.020.0413)
218. R. Vega, A. D. Mcdevitt, B. Kryštufek, J. B. Searle, Ecogeographical patterns of morphological variation in pygmy shrews *Sorex minutus* (Soricomorpha: Soricinae) within a phylogeographical and continental-and-island framework. *Biol. J. Linn. Soc. Lond.* **119**, 799–815 (2016). [doi:10.1111/bj.12858](https://doi.org/10.1111/bj.12858)
219. S. Suzuki, M. Matsumoto, Geographic skull variation of the Japanese weasel, *Mustela itatsi* in islands adjacent to southern Kyushu. *Mammal Study* **45**, 27–39 (2020). [doi:10.3106/ms2019-0023](https://doi.org/10.3106/ms2019-0023)
220. J. Dunlop, K. Morris, Environmental determination of body size in mammals: Rethinking ‘island dwarfism’ in the golden bandicoot. *Austral Ecol.* **43**, 817–827 (2018). [doi:10.1111/aec.12624](https://doi.org/10.1111/aec.12624)
221. K. M. Kuhn, C. M. Gienger, C. R. Tracy, Small mammals of Pyramid Lake and Anaho Island (Nevada). *Southwest. Nat.* **61**, 40–44 (2016). [doi:10.1894/0038-4909-61.1.40](https://doi.org/10.1894/0038-4909-61.1.40)
222. J. Kingdon, D. Happold, T. Butynski, M. Hoffmann, M. Happold, J. Kalina, *Mammals of Africa* (Bloomsbury Publishing, 2014).
223. N. S. Upham, C. Burgin, J. Widness, S. Liphardt, C. Parker, M. Becker, I. Rochon, D. Huckaby, Mammal Diversity Database, version 1.7, Zenodo (2021); <https://doi.org/10.5281/zenodo.5651212>.
224. M. A. Patten, Subspecies and the philosophy of science. *Auk* **132**, 481–485 (2015). [doi:10.1642/AUK-15-1.1](https://doi.org/10.1642/AUK-15-1.1)
225. A. Sánchez-Marco, Old and new fossil birds from the Spanish Miocene. *J. Iber. Geol.* **47**, 697–712 (2021). [doi:10.1007/s41513-021-00178-9](https://doi.org/10.1007/s41513-021-00178-9)
226. R. Rozzi, Space–time patterns of body size variation in island bovids: The key role of predatory release. *J. Biogeogr.* **45**, 1196–1207 (2018). [doi:10.1111/jbi.13197](https://doi.org/10.1111/jbi.13197)
227. S. Faurby, R. Ø. Pedersen, M. Davis, S. D. Schowaneck, S. Jarvie, A. Antonelli, J. C. Svenning, PHYLACINE 1.2.1: An update to the Phylogenetic Atlas of Mammal Macroecology, Zenodo (2020); <https://doi.org/10.5281/zenodo.3690867>.
228. F. Catzeflis, G. Issartel, J. Jemin, New data on the bats (Chiroptera) of Martinique island (Lesser Antilles), with an emphasis on sexual dimorphism and sex ratios. *Mammalia* **83**, 501–514 (2019). [doi:10.1515/mammalia-2018-0121](https://doi.org/10.1515/mammalia-2018-0121)
229. K. E. Jones, J. Bielby, M. Cardillo, S. A. Fritz, J. O’Dell, C. D. L. Orme, K. Safi, W. Sechrest, E. H. Boakes, C. Carbone, C. Connolly, M. J. Cutts, J. K. Foster, R. Grenyer, M. Habib, C. A. Plaster, S. A. Price, E. A. Rigby, J. Rist, A. Teacher, O. R. P. Bininda-Emonds, J. L. Gittleman, G. M. Mace, A. Purvis, PanTHERIA: A species-level database of life history, ecology, and geography of extant and recently extinct mammals. *Ecology* **90**, 2648 (2009). [doi:10.1890/08-1494.1](https://doi.org/10.1890/08-1494.1)

230. T. C. Demos, A. S. Achmadi, H. Handika, Maharadatunkamsi, K. C. Rowe, J. A. Esselstyn, A new species of shrew (Soricomorpha: Crocidura) from Java, Indonesia: possible character displacement despite interspecific gene flow. *J. Mammal.* **98**, 183–193 (2017).
231. J. A. Esselstyn, H. J. D. Garcia, M. G. Saulog, L. R. Heaney, A new species of *Desmalopex* (Pteropodidae) from the Philippines, with a phylogenetic analysis of the Pteropodini. *J. Mammal.* **89**, 815–825 (2008). [doi:10.1644/07-MAMM-A-285.1](https://doi.org/10.1644/07-MAMM-A-285.1)
232. P.-H. Fabre, A. H. Reeve, Y. S. Fitriana, K. P. Aplin, K. M. Helgen, A new species of *Halmaheramys* (Rodentia: Muridae) from Bisa and Obi Islands (North Maluku Province, Indonesia). *J. Mammal.* **99**, 187–208 (2018). [doi:10.1093/jmammal/gyx160](https://doi.org/10.1093/jmammal/gyx160)
233. L. Frantz, E. Meijaard, J. Gongora, J. Haile, M. A. M. Groenen, G. Larson, The evolution of Suidae. *Annu. Rev. Anim. Biosci.* **4**, 61–85 (2016). [doi:10.1146/annurev-animal-021815-111155](https://doi.org/10.1146/annurev-animal-021815-111155) [Medline](#)
234. L. R. Heaney, D. S. Balete, M. J. Veluz, S. J. Steppan, J. A. Esselstyn, A. W. Pfeiffer, E. A. Rickart, Two new species of Philippine forest mice (*Apomys*, Muridae, Rodentia) from Lubang and Luzon Islands, with a redescription of *Apomys sacobianus* Johnson, 1962. *Proc. Biol. Soc. Wash.* **126**, 395–413 (2014). [doi:10.2988/0006-324X-126.4.395](https://doi.org/10.2988/0006-324X-126.4.395)
235. L. Hunter, *Field Guide to Carnivores of the World*, 2nd edition (Bloomsbury Wildlife, 2018).
236. R. Hutterer, D. S. Balete, T. C. Giarla, L. R. Heaney, J. A. Esselstyn, A new genus and species of shrew (Mammalia: Soricidae) from Palawan Island, Philippines. *J. Mammal.* **99**, 518–536 (2018). [doi:10.1093/jmammal/gyy041](https://doi.org/10.1093/jmammal/gyy041)
237. T. H. Lavery, H. Judge, A new species of giant rat (Muridae, *Uromys*) from Vangunu, Solomon Islands. *J. Mammal.* **98**, 1518–1530 (2017). [doi:10.1093/jmammal/gyx116](https://doi.org/10.1093/jmammal/gyx116)
238. S. C. Pedersen, R. J. Baker, H. H. Genoways, G. G. Kwiecinski, R. J. Larsen, P. A. Larsen, C. J. Phillips, *Bats of Saint Lucia, Lesser Antilles* (Museum of Texas Tech University, 2018), vol. 69 of *Special Publications of the Museum of Texas Tech University*.
239. V. T. Tu, G. Csorba, T. Görföl, S. Arai, N. T. Son, H. T. Thanh, A. Hasanin, Description of a new species of the genus *Aselliscus* (Chiroptera, Hipposideridae) from Vietnam. *Acta Chiropt.* **17**, 233–254 (2015). [doi:10.3161/15081109ACC2015.17.2.002](https://doi.org/10.3161/15081109ACC2015.17.2.002)
240. L. W. van den Hoek Ostende, A. A. E. van der Geer, C. L. Wijngaarden, Why are there no giants at the dwarves feet? Insular micromammals in the eastern Mediterranean. *Quat. Int.* **445**, 269–278 (2017). [doi:10.1016/j.quaint.2016.05.007](https://doi.org/10.1016/j.quaint.2016.05.007)
241. E. G. Veatch, M. W. Tocheri, T. Sutikna, K. McGrath, E. Wahyu Saptomo, Jatmiko, K. M. Helgen, Temporal shifts in the distribution of murine rodent body size classes at Liang Bua (Flores, Indonesia) reveal new insights into the paleoecology of *Homo floresiensis* and associated fauna. *J. Hum. Evol.* **130**, 45–60 (2019). [doi:10.1016/j.jhevol.2019.02.002](https://doi.org/10.1016/j.jhevol.2019.02.002) [Medline](#)
242. M. Yoshiyuki, A new species of *Plecotus* (Chiroptera, Vespertilionidae) from Taiwan. *Bull. Natn. Sci. Mus* **17**, 189–195 (1991).

243. S. T. Turvey, S. A. Fritz, The ghosts of mammals past: Biological and geographical patterns of global mammalian extinction across the Holocene. *Philos. Trans. R. Soc. London Ser. B* **366**, 2564–2576 (2011). [doi:10.1098/rstb.2011.0020](https://doi.org/10.1098/rstb.2011.0020) [Medline](#)
244. B. A. Mistretta, C. M. Giovas, M. Weksler, S. T. Turvey, Extinct insular oryzomyine rice rats (Rodentia: Sigmodontinae) from the Grenada Bank, southern Caribbean. *Zootaxa* **4951**, 434–460 (2021). [doi:10.11646/zootaxa.4951.3.2](https://doi.org/10.11646/zootaxa.4951.3.2) [Medline](#)
245. P. Raia, F. Carotenuto, S. Meiri, One size does not fit all: No evidence for an optimal body size on islands. *Glob. Ecol. Biogeogr.* **19**, 475–484 (2010). [doi:10.1111/j.1466-8238.2010.00531.x](https://doi.org/10.1111/j.1466-8238.2010.00531.x)
246. E. Pereira, *Cervus elaphus rossii* (Mammalia, Artiodactyla), a new endemic sub-species from the Middle Pleistocene in Corsica. *Palaeovertebrata* **30**, 189–213 (2001).
247. G. A. Lyras, A. A. E. van der Geer, L. Rook, Body size of insular carnivores: evidence from the fossil record. *J. Biogeogr.* **37**, 1007–1021 (2010). [doi:10.1111/j.1365-2699.2010.02312.x](https://doi.org/10.1111/j.1365-2699.2010.02312.x)
248. L. Rook, M. P. Ferretti, M. Arca, C. Tuveri, *Chasmaporthetes melei* n.sp., an endemic hyaenid (Carnivora, Mammalia) from the Monte Tuttavista fissure fillings (Late Pliocene to Early Pleistocene; Sardinia, Italy). *Riv. Ital. Paleontol. Stratigr.* **110**, 707–714 (2004).
249. B. Moncunill-Solé, C. Tuveri, M. Arca, C. Angelone, Comparing the body mass variations in endemic insular species of the genus *Prolagus* (Ochotonidae, Lagomorpha) in the Pleistocene of Sardinia (Italy). *Riv. Ital. Paleontol. Stratigr.* **122**, 25–36 (2016).
250. B. Moncunill-Solé, X. Jordana, M. Köhler, How common is gigantism in insular fossil shrews? Examining the ‘Island Rule’ in soricids (Mammalia: Soricomorpha) from Mediterranean Islands using new body mass estimation models. *Zool. J. Linn. Soc.* **178**, 163–182 (2016). [doi:10.1111/zoj.12399](https://doi.org/10.1111/zoj.12399)
251. A. Athanassiou, A. A. E. van der Geer, G. A. Lyras, Pleistocene insular Proboscidea of the Eastern Mediterranean: A review and update. *Quat. Sci. Rev.* **218**, 306–321 (2019). [doi:10.1016/j.quascirev.2019.06.028](https://doi.org/10.1016/j.quascirev.2019.06.028)
252. T. A. Püschel, J. Marcé-Nogué, J. Gladman, B. A. Patel, S. Alméjija, W. I. Sellers, Getting its feet on the ground: Elucidating *Paralouatta*’s semi-terrestriality using the virtual morpho-functional toolbox. *Front. Earth Sci. (Lausanne)* **8**, 79 (2020). [doi:10.3389/feart.2020.00079](https://doi.org/10.3389/feart.2020.00079)
253. T. A. Püschel, J. Marcé-Nogué, J. T. Gladman, R. Bobe, W. I. Sellers, Inferring locomotor behaviours in Miocene New World monkeys using finite element analysis, geometric morphometrics and machine-learning classification techniques applied to talar morphology. *J. R. Soc. Interface* **15**, 20180520 (2018). [doi:10.1098/rsif.2018.0520](https://doi.org/10.1098/rsif.2018.0520) [Medline](#)
254. E. M. Weston, A. M. Lister, Insular dwarfism in hippos and a model for brain size reduction in *Homo floresiensis*. *Nature* **459**, 85–88 (2009). [doi:10.1038/nature07922](https://doi.org/10.1038/nature07922) [Medline](#)
255. A. A. E. van der Geer, G. D. van den Bergh, G. A. Lyras, U. W. Prasetyo, R. A. Due, E. Setiyabudi, H. Drinia, The effect of area and isolation on insular dwarf proboscideans. *J. Biogeogr.* **43**, 1656–1666 (2016). [doi:10.1111/jbi.12743](https://doi.org/10.1111/jbi.12743)

256. B. Moncunill-Solé, X. Jordana, M. Köhler, Where did *Mikrotia magna* originate? Drawing ecogeographical inferences from body mass reconstructions. *Geobios* **51**, 359–366 (2018). [doi:10.1016/j.geobios.2018.06.006](https://doi.org/10.1016/j.geobios.2018.06.006)
257. B. Moncunill-Solé, G. Orlandi-Oliveras, X. Jordana, L. Rook, M. Köhler, First approach of the life history of *Prolagus apricenicus* (Ochotonidae, Lagomorpha) from Terre Rosse sites (Gargano, Italy) using body mass estimation and paleohistological analysis. *C. R. Palevol* **15**, 227–237 (2016). [doi:10.1016/j.crpv.2015.04.004](https://doi.org/10.1016/j.crpv.2015.04.004)
258. B. Moncunill-Solé, X. Jordana, N. Marín-Moratalla, S. Moyà-Solà, M. Köhler, How large are the extinct giant insular rodents? New body mass estimations from teeth and bones. *Integr. Zool.* **9**, 197–212 (2014). [doi:10.1111/1749-4877.12063](https://doi.org/10.1111/1749-4877.12063) [Medline](#)
259. B. Lawrence, New *Geocapromys* from the Bahamas. *Occas. Pap. Boston Soc. Nat. Hist.* **8**, 189–196 (1934).
260. S. B. Cooke, B. E. Crowley, Deciphering the isotopic niches of now-extinct Hispaniolan rodents. *J. Vertebr. Paleontol.* **38**, e1510414 (2018). [doi:10.1080/02724634.2018.1510414](https://doi.org/10.1080/02724634.2018.1510414)
261. R. McAfee, S. Beery, R. Rimoli, J. Almonte, P. Lehman, S. Cooke, New species of the ground sloth *Parocnus* from the late Pleistocene-early Holocene of Hispaniola. *Vertebr. Anat. Morphol. Palaeontol.* **9**, 52–82 (2021). [doi:10.18435/vamp29369](https://doi.org/10.18435/vamp29369)
262. S. Hayashi, M. O. Kubo, M. R. Sánchez-Villagra, H. Taruno, M. Izawa, T. Shiroma, T. Nakano, M. Fujita, Variation and process of life history evolution in insular dwarfism as revealed by a natural experiment (2020), doi:[10.1101/2020.12.23.424186](https://doi.org/10.1101/2020.12.23.424186).
263. R. Volmer, A. A. E. van der Geer, P. A. Cabrera, U. P. Wibowo, I. Kurniawan, When did *Cuon* reach Java? – Reinvestigation of canid fossils from *Homo erectus* faunas. *Geobios* **55**, 89–102 (2019). [doi:10.1016/j.geobios.2019.06.004](https://doi.org/10.1016/j.geobios.2019.06.004)
264. R. Volmer, C. Hertler, A. A. E. van der Geer, Niche overlap and competition potential among tigers (*Panthera tigris*), sabertoothed cats (*Homotherium ultimum*, *Hemimachairodus zwierzyckii*) and Merriam's Dog (*Megacyon merriami*) in the Pleistocene of Java. *Palaeogeogr. Palaeoclimatol. Palaeoecol.* **441**, 901–911 (2016). [doi:10.1016/j.palaeo.2015.10.039](https://doi.org/10.1016/j.palaeo.2015.10.039)
265. A. A. E. van der Geer, G. A. Lyras, R. Volmer, Insular dwarfism in canids on Java (Indonesia) and its implication for the environment of *Homo erectus* during the Early and earliest Middle Pleistocene. *Palaeogeogr. Palaeoclimatol. Palaeoecol.* **507**, 168–179 (2018). [doi:10.1016/j.palaeo.2018.07.009](https://doi.org/10.1016/j.palaeo.2018.07.009)
266. A. C. Ziegler, F. G. Howarth, N. B. Simmons, A second endemic land mammal for the Hawaiian Islands: a new genus and species of fossil bat (Chiroptera: Vespertilionidae). *Am. Mus. Novit.* **3854**, 1–52 (2016). [doi:10.1206/3854.1](https://doi.org/10.1206/3854.1)
267. E. Burgio, A. Catalisano, G. Salvo, B. Zava, Primo ritrovamento di vertebrati fossili nell'isola di Lampedusa (Sicilia). *Nat. Sicil.* **21**, 229–236 (1997).
268. L. R. Heaney, P. J. Piper, A. S. B. Mijares, The first fossil record of endemic murid rodents from the Philippines: A late Pleistocene cave fauna from northern Luzon. *Proc. Biol. Soc. Wash.* **124**, 234–247 (2011). [doi:10.2988/10-32.1](https://doi.org/10.2988/10-32.1)

269. J. Ochoa, thesis, University of Cambridge (2019).
270. J. Ochoa, A. S. B. Mijares, P. J. Piper, M. C. Reyes, L. R. Heaney, Three new extinct species from the endemic Philippine cloud rat radiation (Rodentia, Muridae, Phloeomyini). *J. Mammal.* **102**, 909–930 (2021). [doi:10.1093/jmammal/gyab023](https://doi.org/10.1093/jmammal/gyab023)
271. T. Ingicco, G. van den Bergh, J. de Vos, A. Castro, N. Amano, A. Bautista, A new species of *Celebochoerus* (Suidae, Mammalia) from the Philippines and the paleobiogeography of the genus *Celebochoerus* Hooijer, 1948. *Geobios* **49**, 285–291 (2016). [doi:10.1016/j.geobios.2016.05.006](https://doi.org/10.1016/j.geobios.2016.05.006)
272. A. A. E. van der Geer, G. Lyras, J. De Vos, M. Dermitzakis, *Evolution of Island Mammals: Adaptation and Extinction Of Placental Mammals on Islands* (John Wiley & Sons, 2011).
273. P.-O. Antoine, M. C. Reyes, N. Amano, A. P. Bautista, C.-H. Chang, J. Claude, J. De Vos, T. Ingicco, A new rhinoceros clade from the Pleistocene of Asia sheds light on mammal dispersals to the Philippines. *Zool. J. Linn. Soc.* **194**, 416–430 (2022). [doi:10.1093/zoolinnean/zlab009](https://doi.org/10.1093/zoolinnean/zlab009)
274. P. Mein, F. S  n  gas, D. Gommery, B. Ramanivosoa, H. Randrianantenaina, P. Kerloc’h, Nouvelles esp  ces subfossiles de rongeurs du Nord-Ouest de Madagascar. *C. R. Palevol* **9**, 101–112 (2010). [doi:10.1016/j.crpv.2010.03.002](https://doi.org/10.1016/j.crpv.2010.03.002)
275. M. E. Lewis, L. R. Godfrey, J. C. Rakotondramavo, Z. S. Klukkert, N. Scroxton, S. J. Burns, B. E. Crowley, D. McGee, K. M. Muldoon, L. R. Meador, P. Lehman, N. J. Rahantaharivao, L. Ranivoharimanana, “A new extinct large predator in Madagascar: predation pressure on large-bodied Malagasy lemurs through time,” *89th Annual Meeting of the American Association of Physical Anthropologists* (Los Angeles, 2020), p. 160.
276. K. M. Helgen, R. T. Wells, B. P. Kear, W. R. Gerdzt, T. F. Flannery, Ecological and evolutionary significance of sizes of giant extinct kangaroos. *Aust. J. Zool.* **54**, 293–303 (2006). [doi:10.1071/ZO05077](https://doi.org/10.1071/ZO05077)
277. L. Marivaux, J. V  lez-Juarbe, L. W. Vinola Lopez, P.-H. Fabre, F. Pujos, H. Santos-Mercado, E. J. Cruz, A. M. Grajales P  rez, J. Padilla, K. I. V  lez-Rosado, J.-J. Corn  e, M. Philippon, P. M  nch, P.-O. Antoine, An unpredicted ancient colonization of the West Indies by North American rodents: Dental evidence of a geomorph from the early Oligocene of Puerto Rico. *Pap. Palaeontol.* **7**, 2021–2039 (2021). [doi:10.1002/spp2.1388](https://doi.org/10.1002/spp2.1388)
278. J. van der Made, M. R. Palombo, *Megaloceros sardus* n. sp., a large deer from the Pleistocene of Sardinia. *Hell. J. Geosci.* **41**, 163–176 (2006).
279. J. Madurell-Malapeira, M. R. Palombo, M. Sotnikova, *Cynotherium malatestai*, sp. nov. (Carnivora, Canidae) from the early middle Pleistocene deposits of Grotta dei Fiori (Sardinia, Western Mediterranean). *J. Vertebr. Paleontol.* **35**, e943400 (2015). [doi:10.1080/02724634.2014.943400](https://doi.org/10.1080/02724634.2014.943400)
280. C. Angelone, S.   erm  k, B. Moncunill-Sol  , J. Quintana, C. Tuveri, M. Arca, T. Kotsakis, Systematics and paleobiogeography of *Sardolagus obscurus* n. gen. n. sp. (Leporidae, Lagomorpha) from the early Pleistocene of Sardinia. *J. Paleontol.* **92**, 506–522 (2018). [doi:10.1017/jpa.2017.144](https://doi.org/10.1017/jpa.2017.144)

281. M. Romano, F. Manucci, M. R. Palombo, The smallest of the largest: New volumetric body mass estimate and *in-vivo* restoration of the dwarf elephant *Palaeoloxodon* ex gr. *P. falconeri* from Spinagallo Cave (Sicily). *Hist. Biol.* **33**, 340–353 (2021). [doi:10.1080/08912963.2019.1617289](https://doi.org/10.1080/08912963.2019.1617289)
282. S. J. Hand, R. M. D. Beck, M. Archer, N. B. Simmons, G. F. Gunnell, R. P. Scofield, A. J. D. Tennyson, V. L. De Pietri, S. W. Salisbury, T. H. Worthy, A new, large-bodied omnivorous bat (Noctilionoidea: Mystacinidae) reveals lost morphological and ecological diversity since the Miocene in New Zealand. *Sci. Rep.* **8**, 235 (2018). [doi:10.1038/s41598-017-18403-w](https://doi.org/10.1038/s41598-017-18403-w) [Medline](#)
283. K. P. Aplin, K. M. Helgen, Quaternary murid rodents of Timor part I: New material of *Coryphomys buehleri* Schaub, 1937, and description of a second species of the genus. *Bull. Am. Mus. Nat. Hist.* **341**, 1–80 (2010). [doi:10.1206/692.1](https://doi.org/10.1206/692.1)
284. B. Moncunill-Solé, Eco-evolutionary adaptations of ochotonids (Mammalia: Lagomorpha) to islands: new insights into Late Miocene pikas from the Gargano palaeo-archipelago (Italy). *Biol. J. Linn. Soc. Lond.* **132**, 400–413 (2021). [doi:10.1093/biolinnean/blaa157](https://doi.org/10.1093/biolinnean/blaa157)
285. J. Quintana Cardona, B. Moncunill-Solé, *Hypolagus balearicus* Quintana, Bover, Alcover, Agustí & Bailon, 2010 (Mammalia: Leporidae): new data from the Neogene of Eivissa (Balearic Islands, Western Mediterranean). *Geodiversitas* **36**, 283–310 (2014). [doi:10.5252/g2014n2a4](https://doi.org/10.5252/g2014n2a4)
286. L. Rook, S. Bartolini Lucenti, C. Tuveri, M. Arca, Mustelids (Carnivora, Mammalia) from Monte Tuttavista fissure fillings (Early and Middle Pleistocene; Orosei, Sardinia): Taxonomy and evolution of the insular Sardinian Galictini. *Quat. Sci. Rev.* **197**, 209–223 (2018). [doi:10.1016/j.quascirev.2018.08.022](https://doi.org/10.1016/j.quascirev.2018.08.022)
287. S. T. Turvey, J. J. Crees, J. Hansford, T. E. Jeffree, N. Crumpton, I. Kurniawan, E. Setiyabudi, T. Guillerme, U. Paranggarimu, A. Dosseto, G. D. van den Bergh, Quaternary vertebrate faunas from Sumba, Indonesia: Implications for Wallacean biogeography and evolution. *Proc. R. Soc. London Ser. B* **284**, 20171278 (2017). [doi:10.1098/rspb.2017.1278](https://doi.org/10.1098/rspb.2017.1278) [Medline](#)
288. A. A. E. Van der Geer, Systematic revision of the family Hoplitomerycidae Leinders, 1984 (Artiodactyla: Cervoidea), with the description of a new genus and four new species. *Zootaxa* **3847**, 1–32 (2014). [doi:10.11646/zootaxa.3847.1.1](https://doi.org/10.11646/zootaxa.3847.1.1) [Medline](#)
289. A. A. E. van der Geer, G. A. Lyras, M. V. Lomolino, M. R. Palombo, D. F. Sax, Body size evolution of palaeo-insular mammals: Temporal variations and interspecific interactions. *J. Biogeogr.* **40**, 1440–1450 (2013). [doi:10.1111/jbi.12119](https://doi.org/10.1111/jbi.12119)
290. E. Besiou, M. Choupa, G. Lyras, A. A. E. van der Geer, Body mass divergence in sympatric deer species of Pleistocene Crete (Greece). *Palaeontol. Electronica* **25**, a23 (2022). [doi:10.26879/1221](https://doi.org/10.26879/1221)
291. D. Fukui, V. T. Tu, H. T. Thanh, S. Arai, M. Harada, G. Csorba, N. T. Son, First record of the genus *Plecotus* from Southeast Asia with notes on the taxonomy, karyology and echolocation call of *P. homochrous* from Vietnam. *Acta Chiropt.* **22**, 57–74 (2020). [doi:10.3161/15081109ACC2020.22.1.006](https://doi.org/10.3161/15081109ACC2020.22.1.006)

292. J. S. Zijlstra, D. A. McFarlane, L. W. Van Den Hoek Ostende, J. Lundberg, New rodents (Cricetidae) from the Neogene of Curaçao and Bonaire, Dutch Antilles. *Palaeontology* **57**, 895–908 (2014). [doi:10.1111/pala.12091](https://doi.org/10.1111/pala.12091)
293. S. S. B. Hopkins, Reassessing the mass of exceptionally large rodents using toothrow length and area as proxies for body mass. *J. Mammal.* **89**, 232–243 (2008). [doi:10.1644/06-MAMM-A-306.1](https://doi.org/10.1644/06-MAMM-A-306.1)
294. K. M. Scott, “Postcranial dimensions of ungulates as predictors of body mass” in *Body Size in Mammalian Paleobiology Estimation and Biological Implications* (Cambridge Univ. Press, 1990), pp. 301–335.
295. L. S. Varona, O. Arredondo, Nuevos taxones fósiles de Capromyidae (Rodentia: Caviomorpha). *Poeyana* **195**, 1–51 (1979).
296. J. S. Zijlstra, A new oryzomyine (Rodentia: Sigmodontinae) from the Quaternary of Curaçao (West Indies). *Zootaxa* **3534**, 61 (2012). [doi:10.11646/zootaxa.3534.1.5](https://doi.org/10.11646/zootaxa.3534.1.5)
297. D. A. Hooijer, A fossil ground sloth from Curaçao, Netherlands Antilles. *Proc. K. Ned. Akad. Wet.* **65**, 46–60 (1962).
298. D. A. Hooijer, The snout of *Paulocnus petrifactus* (Mammalia, Edentata). *Zool. Meded.* **39**, 79–84 (1964).
299. Y. Yan, Y. Wang, C. Jin, J. I. Mead, New remains of *Rhinoceros* (Rhinocerotidae, Perissodactyla, Mammalia) associated with *Gigantopithecus blacki* from the Early Pleistocene Yanliang Cave, Fusui, South China. *Quat. Int.* **354**, 110–121 (2014). [doi:10.1016/j.quaint.2014.01.004](https://doi.org/10.1016/j.quaint.2014.01.004)
300. H. Tong, C. Guérin, Early Pleistocene *Dicerorhinus sumatrensis* remains from the Liucheng Gigantopithecus Cave, Guangxi, China. *Geobios* **42**, 525–539 (2009). [doi:10.1016/j.geobios.2009.02.001](https://doi.org/10.1016/j.geobios.2009.02.001)
301. E. Torres-Roig, P. Piñero, J. Agustí, P. Bover, J. A. Alcover, First evidence of endemic Murinae (Rodentia, Mammalia) in the early Pliocene of the Balearic Islands (western Mediterranean). *Geol. Mag.* **156**, 1742–1750 (2019). [doi:10.1017/S0016756818000985](https://doi.org/10.1017/S0016756818000985)
302. M. V. Sinitsa, V. A. Nesin, Systematics and phylogeny of *Vasseuromys* (Mammalia, Rodentia, Gliridae) with a description of a new species from the late Miocene of eastern Europe. *Palaeontology* **61**, 679–701 (2018). [doi:10.1111/pala.12359](https://doi.org/10.1111/pala.12359)
303. R. A. Martin, “Estimating body mass and correlated variables in extinct mammals: travels in the fourth dimension” in *Body Size in Mammalian Paleobiology: Estimation and Biological Implications*, J. Damuth, B. J. MacFadden, Eds. (Cambridge Univ. Press, 1990), pp. 49–68.
304. S. Kawaguchi, Y. Kaneko, Y. Hasegawa, A new species of the fossil murine rodent from the Pinza-Abu Cave, the Miyako Island of the Ryukyu Archipelago, Japan. *Bull. Gunma Mus. Nat. Hist.* **13**, 15–28 (2009).
305. S. Legendre, thesis, Université Montpellier 2 (1988).
306. M. Fortelius, J. Kappelman, The largest land mammal ever imagined. *Zool. J. Linn. Soc.* **108**, 85–101 (1993). [doi:10.1111/j.1096-3642.1993.tb02560.x](https://doi.org/10.1111/j.1096-3642.1993.tb02560.x)

307. C. Ronez, R. A. Martin, U. F. Pardiñas, Morphological revision of *Copemys loxodon*, type species of the Miocene cricetid *Copemys* (Mammalia, Rodentia): A key to understanding the history of New World cricetids. *J. Vertebr. Paleontol.* **40**, e1772273 (2020). [doi:10.1080/02724634.2020.1772273](https://doi.org/10.1080/02724634.2020.1772273)
308. J. Agustí, *Hypnomys eliomyoides* nov. sp., nuevo glírido (Rodentia, Mammalia) del Pleistoceno de Menorca (Islas Baleares). *Endins* **7**, 49–52 (1980).
309. J. Agustí, J. Espresate, P. Piñero, Dental variation in the endemic dormouse *Hypnomys* Bate 1918 and its implications for the palaeogeographic evolution of the Balearic Islands (Western Mediterranean) during the late Neogene-Quaternary. *Hist. Biol.* **33**, 3152–3165 (2021). [doi:10.1080/08912963.2020.1852557](https://doi.org/10.1080/08912963.2020.1852557)
310. J. W. F. Reumer, Some remarks on the fossil vertebrates from Menorca; Spain. *Proc. Kon. Ned. Akad. Wetensch. B.* **85**, 77–87 (1982).
311. E. Torres-Roig, J. Agustí, P. Bover, J. A. Alcover, A new giant cricetine from the basal Pliocene of Mallorca (Balearic Islands, western Mediterranean): Biostratigraphic nexus with continental mammal zones. *Hist. Biol.* **31**, 559–573 (2019). [doi:10.1080/08912963.2017.1377194](https://doi.org/10.1080/08912963.2017.1377194)
312. C. Ronez, J. Brito, R. Hutterer, R. A. Martin, U. F. J. Pardiñas, Tribal allocation and biogeographical significance of one of the largest sigmodontine rodent, the extinct Galápagos *Megaoryzomys* (Cricetidae). *Hist. Biol.* **33**, 1920–1932 (2021). [doi:10.1080/08912963.2020.1752202](https://doi.org/10.1080/08912963.2020.1752202)
313. J. J. Austin, J. Soubrier, F. J. Prevosti, L. Prates, V. Trejo, F. Mena, A. Cooper, The origins of the enigmatic Falkland Islands wolf. *Nat. Commun.* **4**, 1552 (2013). [doi:10.1038/ncomms2570](https://doi.org/10.1038/ncomms2570) [Medline](#)
314. R. S. Voss, M. Weksler, On the taxonomic status of *Oryzomys curasoae* McFarlane and Debrot, 2001, (Rodentia: Cricetidae: Sigmodontinae) with remarks on the phylogenetic relationships of *O. gorgasi* Hershkovitz, 1971. *Caribb. J. Sci.* **45**, 73–79 (2009). [doi:10.18475/cjos.v45i1.a11](https://doi.org/10.18475/cjos.v45i1.a11)
315. S. Mansino, F. J. Ruiz-Sánchez, M. Freudenthal, P. Montoya, A new approach to the Late Miocene-Early Pliocene forms of the genus *Apocricetus*. *Apocricetus alberti* (Rodentia, Mammalia) from Venta del Moro (Cabriel Basin, Spain). *Proc. Geol. Assoc.* **125**, 392–405 (2014). [doi:10.1016/j.pgeola.2014.07.002](https://doi.org/10.1016/j.pgeola.2014.07.002)
316. P. Renom, T. de-Dios, S. Civit, L. Llovera, A. Sánchez-Gracia, E. Lizano, J. C. Rando, T. Marquès-Bonet, G. J. Kergoat, I. Casanovas-Vilar, C. Lalueza-Fox, Genetic data from the extinct giant rat from Tenerife (Canary Islands) points to a recent divergence from mainland relatives. *Biol. Lett.* **17**, 20210533 (2021). [doi:10.1098/rsbl.2021.0533](https://doi.org/10.1098/rsbl.2021.0533) [Medline](#)
317. A. S. Achmadi, J. A. Esselstyn, K. C. Rowe, I. Maryanto, M. T. Abdullah, Phylogeny, diversity, and biogeography of Southeast Asian spiny rats (*Maxomys*). *J. Mammal.* **94**, 1412–1423 (2013). [doi:10.1644/13-MAMM-A-092.1](https://doi.org/10.1644/13-MAMM-A-092.1)
318. F. C. Almeida, N. P. Giannini, R. DeSalle, N. B. Simmons, The phylogenetic relationships of cynopterine fruit bats (Chiroptera: Pteropodidae: Cynopterinae). *Mol. Phylogenet. Evol.* **53**, 772–783 (2009). [doi:10.1016/j.ympev.2009.07.035](https://doi.org/10.1016/j.ympev.2009.07.035) [Medline](#)

319. F. C. Almeida, N. P. Giannini, N. B. Simmons, K. M. Helgen, Each flying fox on its own branch: a phylogenetic tree for *Pteropus* and related genera (Chiroptera: Pteropodidae). *Mol. Phylogenet. Evol.* **77**, 83–95 (2014). [doi:10.1016/j.ympev.2014.03.009](https://doi.org/10.1016/j.ympev.2014.03.009) [Medline](#)
320. F. C. Almeida, N. P. Giannini, N. B. Simmons, The evolutionary history of the African fruit bats (Chiroptera: Pteropodidae). *Acta Chiropt.* **18**, 73–108 (2016). [doi:10.3161/15081109ACC2016.18.1.003](https://doi.org/10.3161/15081109ACC2016.18.1.003)
321. F. C. Almeida, N. B. Simmons, N. P. Giannini, A species-level phylogeny of Old World fruit bats with a new higher-level classification of the family Pteropodidae. *Am. Mus. Novit.* **2020**, 1–24 (2020). [doi:10.1206/3950.1](https://doi.org/10.1206/3950.1)
322. B. R. Appleton, J. A. McKenzie, L. Christidis, Molecular systematics and biogeography of the bent-wing bat complex *Miniopterus schreibersii* (Kuhl, 1817) (Chiroptera: Vespertilionidae). *Mol. Phylogenet. Evol.* **31**, 431–439 (2004). [doi:10.1016/j.ympev.2003.08.017](https://doi.org/10.1016/j.ympev.2003.08.017) [Medline](#)
323. A. B. Baird, J. K. Braun, M. D. Engstrom, A. C. Holbert, M. G. Huerta, B. K. Lim, M. A. Mares, J. C. Patton, J. W. Bickham, Nuclear and mtDNA phylogenetic analyses clarify the evolutionary history of two species of native Hawaiian bats and the taxonomy of Lasiurini (Mammalia: Chiroptera). *PLOS ONE* **12**, e0186085 (2017). [doi:10.1371/journal.pone.0186085](https://doi.org/10.1371/journal.pone.0186085) [Medline](#)
324. R. J. Baker, J. C. Patton, H. H. Genoways, J. W. Bickham, Genic studies of *Lasiurus* (Chiroptera: Vespertilionidae). *Mammal. Pap. Univ. Neb. State Mus.* **117**, 1–22 (1988).
325. A. E. Balakirev, A. V. Abramov, V. V. Rozhnov, Revision of the genus *Leopoldamys* (Rodentia, Muridae) as inferred from morphological and molecular data, with a special emphasis on the species composition in continental Indochina. *Zootaxa* **3640**, 521–549 (2013). [doi:10.11646/zootaxa.3640.4.2](https://doi.org/10.11646/zootaxa.3640.4.2) [Medline](#)
326. A. A. Bannikova, V. S. Lebedev, A. A. Lissovsky, V. Matrosova, N. I. Abramson, E. V. Obolenskaya, A. S. Tesakov, Molecular phylogeny and evolution of the Asian lineage of vole genus *Microtus* (Rodentia: Arvicolinae) inferred from mitochondrial cytochrome b sequence. *Biol. J. Linn. Soc. Lond.* **99**, 595–613 (2010). [doi:10.1111/j.1095-8312.2009.01378.x](https://doi.org/10.1111/j.1095-8312.2009.01378.x)
327. J. W. Bickham, J. C. Patton, D. A. Schlitter, I. L. Rautenbach, R. L. Honeycutt, Molecular phylogenetics, karyotypic diversity, and partition of the genus *Myotis* (Chiroptera: Vespertilionidae). *Mol. Phylogenet. Evol.* **33**, 333–338 (2004). [doi:10.1016/j.ympev.2004.06.012](https://doi.org/10.1016/j.ympev.2004.06.012) [Medline](#)
328. M. A. Bogan, A new species of *Myotis* from the Islas Tres Marias, Nayarit, Mexico, with comments on variation in *Myotis nigricans*. *J. Mammal.* **59**, 519–530 (1978). [doi:10.2307/1380228](https://doi.org/10.2307/1380228)
329. G. Ceballos, *Mammals of Mexico* (Johns Hopkins Univ. Press, 2014).
330. F. N. Chasen, A handlist of Malaysian mammals: A systematic list of the mammals of the peninsula, Sumatra, Borneo and Java, including the adjacent small islands. *Bull. Raffles Mus. Singap. Straits Settl.* **15**, 1–209 (1940).

331. G. B. Corbet, J. E. Hill, *The Mammals of the Indomalayan Region: A Systematic Review* (Oxford Univ. Press, 1992), vol. 488.
332. P. Cortés-Calva, S. T. Álvarez-Castañeda, *Peromyscus dickeyi*. *Mamm. Species* **659**, 1–2 (2001). [doi:10.1644/1545-1410\(2001\)659<0001:PD>2.0.CO;2](https://doi.org/10.1644/1545-1410(2001)659<0001:PD>2.0.CO;2)
333. S. Ticul Álvarez-Castañeda, P. Cortes-Calva, *Peromyscus slevini* Mailliard, 1924: Slevin's mouse. *Mamm. Species* **705**, 1–2 (2002).
334. G. Csorba, L.-L. Lee, A new species of vespertilionid bat from Taiwan and a revision of the taxonomic status of *Arielulus* and *Thainycteris* (Chiroptera: Vespertilionidae). *J. Zool.* **248**, 361–367 (1999). [doi:10.1111/j.1469-7998.1999.tb01035.x](https://doi.org/10.1111/j.1469-7998.1999.tb01035.x)
335. R.-J. den Tex, R. Thorington, J. E. Maldonado, J. A. Leonard, Speciation dynamics in the SE Asian tropics: Putting a time perspective on the phylogeny and biogeography of Sundaland tree squirrels, *Sundasciurus*. *Mol. Phylogenet. Evol.* **55**, 711–720 (2010). [doi:10.1016/j.ympev.2009.12.023](https://doi.org/10.1016/j.ympev.2009.12.023) [Medline](#)
336. J. A. Esselstyn, A. S. Achmadi, H. Handika, T. C. Giarla, K. C. Rowe, A new climbing shrew from Sulawesi highlights the tangled taxonomy of an endemic radiation. *J. Mammal.* **100**, 1713–1725 (2019). [doi:10.1093/jmammal/gyz077](https://doi.org/10.1093/jmammal/gyz077)
337. B. J. Evans, J. C. Morales, J. Supriatna, D. J. Melnick, Origin of the Sulawesi macaques (Cercopithecidae: *Macaca*) as suggested by mitochondrial DNA phylogeny. *Biol. J. Linn. Soc. Lond.* **66**, 539–560 (1999). [doi:10.1111/j.1095-8312.1999.tb01925.x](https://doi.org/10.1111/j.1095-8312.1999.tb01925.x)
338. N. M. Foley, S. M. Goodman, C. V. Whelan, S. J. Puechmaille, E. Teeling, Towards navigating the Minotaur's labyrinth: Cryptic diversity and taxonomic revision within the speciose genus *Hipposideros* (Hipposideridae). *Acta Chiropt.* **19**, 1–18 (2017). [doi:10.3161/15081109ACC2017.19.1.001](https://doi.org/10.3161/15081109ACC2017.19.1.001)
339. V. García-Navas, B. P. Kear, M. Westerman, The geography of speciation in dasyurid marsupials. *J. Biogeogr.* **47**, 2042–2053 (2020). [doi:10.1111/jbi.13852](https://doi.org/10.1111/jbi.13852)
340. G. S. Morgan, R. D. E. MacPhee, R. Woods, S. T. Turvey, Late Quaternary Fossil Mammals from the Cayman Islands, West Indies. *Bull. Am. Mus. Nat. Hist.* **428**, 1–79 (2019). [doi:10.1206/0003-0090.428.1.1](https://doi.org/10.1206/0003-0090.428.1.1)
341. D. E. Wilson, D. M. Reeder, *Mammal Species of the World: A Taxonomic and Geographic Reference* (Johns Hopkins Univ. Press, 2005).
342. N. P. Giannini, F. C. Almeida, N. B. Simmons, R. DeSalle, Phylogenetic relationships of the enigmatic harpy fruit bat, *Harpyionycteris* (Mammalia: Chiroptera: Pteropodidae). *Am. Mus. Novit.* **3533**, 1–12 (2006). [doi:10.1206/0003-0082\(2006\)3533\[1:PROTEH\]2.0.CO;2](https://doi.org/10.1206/0003-0082(2006)3533[1:PROTEH]2.0.CO;2)
343. S. M. Goodman, J. Ranivo, A new species of *Triaenops* (Mammalia, Chiroptera, Hipposideridae) from Aldabra Atoll, Picard Island (Seychelles). *Zoosystema* **30**, 681–693 (2008).
344. S. M. Goodman, P. J. Taylor, F. Ratrimomanarivo, S. Hoofer, The genus *Neoromicia* (Family Vespertilionidae) in Madagascar, with the description of a new species. *Zootaxa* **3250**, 1–25 (2012). [doi:10.11646/zootaxa.3250.1.1](https://doi.org/10.11646/zootaxa.3250.1.1)

345. R. Gregorin, A. Cirranello, Phylogeny of Molossidæ Gervais (Mammalia: Chiroptera) inferred by morphological data. *Cladistics* **32**, 2–35 (2016). [doi:10.1111/cla.12117](https://doi.org/10.1111/cla.12117) [Medline](#)
346. T. A. Griffiths, Phylogenetic position of the bat *Nycteris javanica* (Chiroptera: Nycteridae). *J. Mammal.* **78**, 106–116 (1997). [doi:10.2307/1382644](https://doi.org/10.2307/1382644)
347. C. P. Groves, T. F. Flannery, A revision of the genus *Uromys* Peters, 1867 (Muridae: Mammalia) with descriptions of two new species. *Rec. Aust. Mus.* **46**, 145–169 (1994). [doi:10.3853/j.0067-1975.46.1994.12](https://doi.org/10.3853/j.0067-1975.46.1994.12)
348. C. P. Groves, E. Meijaard, Interspecific variation in *Moschiola*, the Indian chevrotain. *Raffles Bull. Zool.* **12**, 413–421 (2005).
349. D. J. Hafner, B. R. Riddle, S. T. Alvarez-Castañeda, Evolutionary relationships of white-footed mice (*Peromyscus*) on islands in the Sea of Cortéz, Mexico. *J. Mammal.* **82**, 775–790 (2001).
350. A. T. Hamilton, M. S. Springer, DNA sequence evidence for placement of the ground cuscus, *Phalanger gymnotis*, in the tribe Phalangerini (Marsupialia: Phalangeridae). *J. Mamm. Evol.* **6**, 1–17 (1999). [doi:10.1023/A:1020534212504](https://doi.org/10.1023/A:1020534212504)
351. M. T. R. Hawkins, K. M. Helgen, J. E. Maldonado, L. L. Rockwood, M. T. N. Tsuchiya, J. A. Leonard, Phylogeny, biogeography and systematic revision of plain long-nosed squirrels (genus *Dremomys*, Nannosciurinae). *Mol. Phylogenet. Evol.* **94** (Pt B), 752–764 (2016). [doi:10.1016/j.ympev.2015.10.023](https://doi.org/10.1016/j.ympev.2015.10.023) [Medline](#)
352. K. He, X.-L. Jiang, Mitochondrial phylogeny reveals cryptic genetic diversity in the genus *Niviventer* (Rodentia, Muroidea). *Mitochondrial DNA* **26**, 48–55 (2015). [doi:10.3109/19401736.2013.823167](https://doi.org/10.3109/19401736.2013.823167) [Medline](#)
353. K. He, Y.-J. Li, M. C. Brandley, L.-K. Lin, Y.-X. Wang, Y.-P. Zhang, X.-L. Jiang, A multi-locus phylogeny of Nectogalini shrews and influences of the paleoclimate on speciation and evolution. *Mol. Phylogenet. Evol.* **56**, 734–746 (2010). [doi:10.1016/j.ympev.2010.03.039](https://doi.org/10.1016/j.ympev.2010.03.039) [Medline](#)
354. K. He, J.-H. Chen, G. C. Gould, N. Yamaguchi, H.-S. Ai, Y.-X. Wang, Y.-P. Zhang, X.-L. Jiang, An estimation of Erinaceidae phylogeny: A combined analysis approach. *PLOS ONE* **7**, e39304 (2012). [doi:10.1371/journal.pone.0039304](https://doi.org/10.1371/journal.pone.0039304) [Medline](#)
355. L. R. Heaney, G. S. Morgan, A new species of gymnure, *Podogymnura* (Mammalia: Erinaceidae) from Dinagat Island, Philippines. *Proc. Biol. Soc. Wash.* **95**, 13–26 (1982).
356. L. R. Heaney, R. L. Peterson, A new species of tube-nosed fruit bat (*Nyctimene*) from Negros Island, Philippines (Mammalia: Pteropodidae). *Occas. Pap. Mus. Zool. Univ. Mich.* **708**, 1–16 (1984).
357. L. R. Heaney, D. S. Balete, E. A. Rickart, *The Mammals of Luzon Island: Biogeography and Natural History of a Philippine Fauna* (Johns Hopkins Univ. Press, 2016).
358. N. S. Heckeberg, The systematics of the Cervidae: A total evidence approach. *PeerJ* **8**, e8114 (2020). [doi:10.7717/peerj.8114](https://doi.org/10.7717/peerj.8114) [Medline](#)

359. K. M. Helgen, T. F. Flannery, Notes on the phalangerid marsupial genus *Spilocuscus*, with description of a new species from Papua. *J. Mammal.* **85**, 825–833 (2004). [doi:10.1644/BER-110](https://doi.org/10.1644/BER-110)
360. K. M. Helgen, “A taxonomic and geographic overview of the mammals of Papua” in *The Ecology of Papua: Part One*, A. J. Marshall, B. M. Beehler, Eds., vol. 6 of *The Ecology of Indonesia Series VI* (Periplus Editions, 2007), pp. 689–749.
361. K. M. Helgen, N. T. Lim, L. E. Helgen, The hog-badger is not an edentate: systematics and evolution of the genus *Arctonyx* (Mammalia: Mustelidae). *Zool. J. Linn. Soc.* **154**, 353–385 (2008). [doi:10.1111/j.1096-3642.2008.00416.x](https://doi.org/10.1111/j.1096-3642.2008.00416.x) [Medline](#)
362. K. M. Helgen, L. E. Helgen, D. E. Wilson, Pacific flying foxes (Mammalia: Chiroptera): two new species of *Pteropus* from Samoa, probably extinct. *Am. Mus. Novit.* **3646**, 1–37 (2009). [doi:10.1206/614.1](https://doi.org/10.1206/614.1)
363. A. Honda, S. Murakami, M. Harada, K. Tsuchiya, G. Kinoshita, H. Suzuki, Late Pleistocene climate change and population dynamics of Japanese *Myodes* voles inferred from mitochondrial cytochrome *b* sequences. *J. Mammal.* **100**, 1156–1168 (2019). [doi:10.1093/jmammal/gyz093](https://doi.org/10.1093/jmammal/gyz093) [Medline](#)
364. A. G. Hope, K. A. Speer, J. R. Demboski, S. L. Talbot, J. A. Cook, A climate for speciation: Rapid spatial diversification within the *Sorex cinereus* complex of shrews. *Mol. Phylogenet. Evol.* **64**, 671–684 (2012). [doi:10.1016/j.ympev.2012.05.021](https://doi.org/10.1016/j.ympev.2012.05.021) [Medline](#)
365. R. Hutterer, Island rodents: a new species of *Octodon* from Isla Mocha, Chile (Mammalia: Octodontidae). *Z. Säugetierkd.* **59**, 27–41 (1994).
366. S. M. Jackson, *Gliding Mammals of the World* (Csiro Publishing, 2012).
367. J. Jesus, S. Teixeira, T. Freitas, D. Teixeira, A. Brehm, Genetic identity of *Pipistrellus maderensis* from the Madeira archipelago: A first assessment, and implications for conservation. *Hystrix Ital. J. Mammal.* **24**, 177–180 (2013).
368. J. Juste, C. Ibáñez, An asymmetric dental formula in a mammal, the Sao Tomé Island fruit bat *Myonycteris brachycephala* (Mammalia: Megachiroptera). *Can. J. Zool.* **71**, 221–224 (1993). [doi:10.1139/z93-030](https://doi.org/10.1139/z93-030)
369. Y. Kaneko, Taxonomic status of *Apodemus semotus* in Taiwan by morphometrical comparison with *A. draco*, *A. peninsulae* and *A. latronum* in China, Korea and Myanmar. *Mammal Study* **36**, 11–22 (2011). [doi:10.3106/041.036.0102](https://doi.org/10.3106/041.036.0102)
370. S. Kawada, Morphological review of the Japanese mountain mole (Eulipotyphla, Talpidae) with the proposal of a new genus. *Mammal Study* **41**, 191–205 (2016). [doi:10.3106/041.041.0404](https://doi.org/10.3106/041.041.0404)
371. K. Kawai, M. Nikaido, M. Harada, S. Matsumura, L.-K. Lin, Y. Wu, M. Hasegawa, N. Okada, The status of the Japanese and East Asian bats of the genus *Myotis* (Vespertilionidae) based on mitochondrial sequences. *Mol. Phylogenet. Evol.* **28**, 297–307 (2003). [doi:10.1016/S1055-7903\(03\)00121-0](https://doi.org/10.1016/S1055-7903(03)00121-0) [Medline](#)
372. C. M. Kemper, S. J. Cooper, G. C. Medlin, M. Adams, D. Stemmer, K. M. Saint, M. C. McDowell, J. J. Austin, Cryptic grey-bellied dunnart (*Sminthopsis griseoventer*) discovered in South Australia: Genetic, morphological and subfossil analyses show the

- value of collecting voucher material. *Aust. J. Zool.* **59**, 127–144 (2011).
[doi:10.1071/ZO11037](https://doi.org/10.1071/ZO11037)
373. J. Kingdon, *Mammals of Africa: Volume IV: Hedgehogs, Shrews and Bats* (A&C Black, 2014).
374. A. C. Kitchener, C. Groves, New insights into the taxonomy of *Macaca pagensis* of the Mentawai Islands, Sumatra. *Mammalia* **66**, 533–542 (2002).
[doi:10.1515/mamm.2002.66.4.533](https://doi.org/10.1515/mamm.2002.66.4.533)
375. D. J. Kitchener, A. Suyanto, Morphological variation in *Miniopterus pusillus* and *M. australis* (*sensu* Hill 1992) in southeastern Asia, New Guinea and Australia. *Rec. West. Aust. Mus.* **21**, 9–34 (2002). [doi:10.18195/issn.0312-3162.21\(1\).2002.009-033](https://doi.org/10.18195/issn.0312-3162.21(1).2002.009-033)
376. H.-C. Kuo, Y.-P. Fang, G. Csorba, L.-L. Lee, The definition of *Harpiola* (Vespertilionidae: Murininae) and the description of a new species from Taiwan. *Acta Chiropt.* **8**, 11–19 (2006). [doi:10.3161/1733-5329\(2006\)8\[11:TDOHVM\]2.0.CO;2](https://doi.org/10.3161/1733-5329(2006)8[11:TDOHVM]2.0.CO;2)
377. T. E. Lee Jr., H. B. Hartline, B. M. Barnes, *Dasyprocta ruatanica*. *Mamm. Species* **800**, 1–3 (2006). [doi:10.1644/800.1](https://doi.org/10.1644/800.1)
378. Y. L. Leite, *Evolution and Systematics of the Atlantic Tree Rats, Genus Phyllomys (Rodentia, Echimyidae), with Description of Two New Species* (Univ. of California Press, 2003), vol. 132.
379. S. Li, K. He, F.-H. Yu, Q.-S. Yang, Molecular phylogeny and biogeography of *Petaurista* inferred from the cytochrome b gene, with implications for the taxonomic status of *P. caniceps*, *P. marica* and *P. sybilla*. *PLOS ONE* **8**, e70461 (2013).
[doi:10.1371/journal.pone.0070461](https://doi.org/10.1371/journal.pone.0070461) [Medline](#)
380. P. Macqueen, A. W. Goldizen, J. J. Austin, J. M. Seddon, Phylogeography of the pademelons (Marsupialia: Macropodidae: Thylogale) in New Guinea reflects both geological and climatic events during the Plio-Pleistocene. *J. Biogeogr.* **38**, 1732–1747 (2011). [doi:10.1111/j.1365-2699.2011.02522.x](https://doi.org/10.1111/j.1365-2699.2011.02522.x)
381. K. Maeda, S. Matsumura, Two new species of vespertilionid bats, *Myotis* and *Murina* (Vespertilionidae: Chiroptera) from Yanbaru, Okinawa Island, Okinawa Prefecture, Japan. *Zool. Sci.* **15**, 301–307 (1998). [doi:10.2108/zsj.15.301](https://doi.org/10.2108/zsj.15.301)
382. S. Meegaskumbura, M. Meegaskumbura, R. Pethiyagoda, K. Manamendra-Arachchi, C. J. Schneider, *Crocidura hikmiya*, a new shrew (Mammalia: Soricomorpha: Soricidae) from Sri Lanka. *Zootaxa* **1665**, 19–30 (2007).
383. S. Meegaskumbura, M. Meegaskumbura, C. J. Schneider, Systematic relationships and taxonomy of *Suncus montanus* and *S. murinus* from Sri Lanka. *Mol. Phylogenet. Evol.* **55**, 473–487 (2010). [doi:10.1016/j.ympev.2010.01.031](https://doi.org/10.1016/j.ympev.2010.01.031) [Medline](#)
384. S. Meegaskumbura, M. Meegaskumbura, C. J. Schneider, Re-evaluation of the taxonomy of the Sri Lankan pigmy shrew *Suncus fellowesgordoni* (Soricidae: Crocidurinae) and its phylogenetic relationship with *S. etruscus*. *Zootaxa* **3187**, 57–68 (2012).
[doi:10.11646/zootaxa.3187.1.5](https://doi.org/10.11646/zootaxa.3187.1.5)
385. J. I. Menzies, A systematic revision of *Melomys* (Rodentia: Muridae) of New Guinea. *Aust. J. Zool.* **44**, 367–426 (1996). [doi:10.1071/ZO9960367](https://doi.org/10.1071/ZO9960367)

386. A. D. Missou, G. D. Yemchui, C. Denys, V. Nicolas, Molecular phylogenetic analyses indicate paraphyly of the genus *Hybomys* (Rodentia: Muridae): Taxonomic implications. *J. Zool. Syst. Evol. Res.* **56**, 444–452 (2018). [doi:10.1111/jzs.12213](https://doi.org/10.1111/jzs.12213)
387. J. C. Morales, J. W. Bickham, Molecular systematics of the genus *Lasiurus* (Chiroptera: Vespertilionidae) based on restriction-site maps of the mitochondrial ribosomal genes. *J. Mammal.* **76**, 730–749 (1995). [doi:10.2307/1382744](https://doi.org/10.2307/1382744)
388. M. Mucedda, A. Kiefer, E. Pidinchedda, M. Veith, A new species of long-eared bat (Chiroptera, Vespertilionidae) from Sardinia (Italy). *Acta Chiropt.* **4**, 121–135 (2002). [doi:10.3161/001.004.0202](https://doi.org/10.3161/001.004.0202)
389. S. W. Murray, P. Campbell, T. Kingston, A. Zubaid, C. M. Francis, T. H. Kunz, Molecular phylogeny of hipposiderid bats from Southeast Asia and evidence of cryptic diversity. *Mol. Phylogenet. Evol.* **62**, 597–611 (2012). [doi:10.1016/j.ympev.2011.10.021](https://doi.org/10.1016/j.ympev.2011.10.021) [Medline](#)
390. J. S. Zijlstra, P. A. Madern, L. W. van den Hoek Ostende, New genus and two new species of Pleistocene oryzomyines (Cricetidae: Sigmodontinae) from Bonaire, Netherlands Antilles. *J. Mammal.* **91**, 860–873 (2010). [doi:10.1644/09-MAMM-A-208.1](https://doi.org/10.1644/09-MAMM-A-208.1)
391. G. G. Musser, K. F. Koopman, D. Calafia, The Sulawesi *Pteropus arquatus* and *P. argentatus* are *Acerodon celebensis*; the Philippine *P. leucotis* is an *Acerodon*. *J. Mammal.* **63**, 319–328 (1982). [doi:10.2307/1380648](https://doi.org/10.2307/1380648)
392. J. O'Brien, C. Mariani, L. Olson, A. L. Russell, L. Say, A. D. Yoder, T. J. Hayden, Multiple colonisations of the western Indian Ocean by *Pteropus* fruit bats (Megachiroptera: Pteropodidae): the furthest islands were colonised first. *Mol. Phylogenet. Evol.* **51**, 294–303 (2009). [doi:10.1016/j.ympev.2009.02.010](https://doi.org/10.1016/j.ympev.2009.02.010) [Medline](#)
393. S. D. Ohdachi, K. Yoshizawa, I. Hanski, K. Kawai, N. E. Dokuchaev, B. I. Sheftel, A. V. Abramov, I. Moroldoev, A. Kawahara, Intraspecific phylogeny and nucleotide diversity of the least shrews, the *Sorex minutissimus*-*S. yukonicus* complex, based on nucleotide sequences of the mitochondrial cytochrome b gene and the control region. *Mammal Study* **37**, 281–297 (2012). [doi:10.3106/041.037.0403](https://doi.org/10.3106/041.037.0403)
394. T. Oshida, L.-K. Lin, H. Yanagawa, H. Endo, R. Masuda, Phylogenetic relationships among six flying squirrel gener, inferred from mitochondrial cytochrome b gene sequences. *Zool. Sci.* **17**, 485–489 (2000).
395. H. E. Parnaby, A taxonomic review of Australian Greater Long-eared Bats previously known as *Nyctophilus timoriensis* (Chiroptera: Vespertilionidae) and some associated taxa. *Aust. Zool.* **35**, 39–81 (2009). [doi:10.7882/AZ.2009.005](https://doi.org/10.7882/AZ.2009.005)
396. R. P. Patel, D. W. Förster, A. C. Kitchener, M. D. Rayan, S. W. Mohamed, L. Werner, D. Lenz, H. Pfestorf, S. Kramer-Schadt, V. Radchuk, J. Fickel, A. Wilting, Two species of Southeast Asian cats in the genus *Catopuma* with diverging histories: An island endemic forest specialist and a widespread habitat generalist. *R. Soc. Open Sci.* **3**, 160350 (2016). [doi:10.1098/rsos.160350](https://doi.org/10.1098/rsos.160350) [Medline](#)
397. L. E. Patrick, E. S. McCulloch, L. A. Ruedas, Systematics and biogeography of the arcuate horseshoe bat species complex (Chiroptera, Rhinolophidae). *Zool. Scr.* **42**, 553–590 (2013). [doi:10.1111/zsc.12026](https://doi.org/10.1111/zsc.12026)

398. P. Pečnerová, N. Martínková, Evolutionary history of tree squirrels (Rodentia, Sciurini) based on multilocus phylogeny reconstruction. *Zool. Scr.* **41**, 211–219 (2012). [doi:10.1111/j.1463-6409.2011.00528.x](https://doi.org/10.1111/j.1463-6409.2011.00528.x)
399. R. L. Peterson, Systematic variation in the *tristis* group of the bent-winged bats of the genus *Miniopterus* (Chiroptera: Vespertilionidae). *Can. J. Zool.* **59**, 828–843 (1981). [doi:10.1139/z81-119](https://doi.org/10.1139/z81-119)
400. F. H. Ratrimomanarivo, S. M. Goodman, N. Hoosen, P. J. Taylor, J. Lamb, Morphological and molecular variation in *Mops leucostigma* (Chiroptera: Molossidae) of Madagascar and the Comoros: phylogeny, phylogeography and geographic variation. *Mitteilungen Aus Dem Hambg. Zool. Mus.* **105**, 57–101 (2008).
401. T. Repi, B. Masyud, A. H. Mustari, L. B. Prasetyo, Daily activity and diet of Talaud bear cuscus (*Ailurops melanotis* Thomas, 1898) on Salibabu Island, North Sulawesi, Indonesia. *Biodiversitas (Surak.)* **20**, 2636–2644 (2019). [doi:10.13057/biodiv/d200928](https://doi.org/10.13057/biodiv/d200928)
402. E. Rios, S. T. Álvarez-Castañeda, *Peromyscus guardia* (Rodentia: Cricetidae). *Mamm. Species* **43**, 172–176 (2011). [doi:10.1644/885.1](https://doi.org/10.1644/885.1)
403. T. E. Roberts, H. C. Lanier, E. J. Sargis, L. E. Olson, Molecular phylogeny of treeshrews (Mammalia: Scandentia) and the timescale of diversification in Southeast Asia. *Mol. Phylogenet. Evol.* **60**, 358–372 (2011). [doi:10.1016/j.ympev.2011.04.021](https://doi.org/10.1016/j.ympev.2011.04.021) [Medline](#)
404. C. Roos, T. Nadler, L. Walter, Mitochondrial phylogeny, taxonomy and biogeography of the silvered langur species group (*Trachypithecus cristatus*). *Mol. Phylogenet. Evol.* **47**, 629–636 (2008). [doi:10.1016/j.ympev.2008.03.006](https://doi.org/10.1016/j.ympev.2008.03.006) [Medline](#)
405. M. Ruedi, Taxonomic revision of shrews of the genus *Crocidura* from the Sunda Shelf and Sulawesi with description of two new species (Mammalia: Soricidae). *Zool. J. Linn. Soc.* **115**, 211–265 (1995). [doi:10.1111/j.1096-3642.1995.tb02461.x](https://doi.org/10.1111/j.1096-3642.1995.tb02461.x)
406. M. Ruedi, N. Friedli-Weyeneth, E. C. Teeling, S. J. Puechmaille, S. M. Goodman, Biogeography of Old World emballonurine bats (Chiroptera: Emballonuridae) inferred with mitochondrial and nuclear DNA. *Mol. Phylogenet. Evol.* **64**, 204–211 (2012). [doi:10.1016/j.ympev.2012.03.019](https://doi.org/10.1016/j.ympev.2012.03.019) [Medline](#)
407. M. Ruedi, B. Stadelmann, Y. Gager, E. J. Douzery, C. M. Francis, L.-K. Lin, A. Guillén-Servent, A. Cibois, Molecular phylogenetic reconstructions identify East Asia as the cradle for the evolution of the cosmopolitan genus *Myotis* (Mammalia, Chiroptera). *Mol. Phylogenet. Evol.* **69**, 437–449 (2013). [doi:10.1016/j.ympev.2013.08.011](https://doi.org/10.1016/j.ympev.2013.08.011) [Medline](#)
408. J. Rydell, *Eptesicus nilssonii*. *Mamm. Species* **430**, 1–7 (1993). [doi:10.2307/3504128](https://doi.org/10.2307/3504128)
409. P. Salgueiro, M. M. Coelho, J. M. Palmeirim, M. Ruedi, Mitochondrial DNA variation and population structure of the island endemic Azorean bat (*Nyctalus azoreum*). *Mol. Ecol.* **13**, 3357–3366 (2004). [doi:10.1111/j.1365-294X.2004.02354.x](https://doi.org/10.1111/j.1365-294X.2004.02354.x) [Medline](#)
410. J. J. Sato, S. D. Ohdachi, L. M. Echenique-Díaz, R. Borroto-Páez, G. Begué-Quiala, J. L. Delgado-Labañino, J. Gámez-Díez, J. Alvarez-Lemus, S. T. Nguyen, N. Yamaguchi, M. Kita, Molecular phylogenetic analysis of nuclear genes suggests a Cenozoic over-water dispersal origin for the Cuban solenodon. *Sci. Rep.* **6**, 31173 (2016). [doi:10.1038/srep31173](https://doi.org/10.1038/srep31173) [Medline](#)

411. M. Schulz, *National Recovery Plan for the Christmas Island Shrew (Crocidura Attenuata Trichura)* (Department of the Environment and Heritage Canberra, Australia, 2004).
412. F. Spitzenberger, P. P. Strelkov, H. Winkler, E. Haring, A preliminary revision of the genus *Plecotus* (Chiroptera, Vespertilionidae) based on genetic and morphological results. *Zool. Scr.* **35**, 187–230 (2006). [doi:10.1111/j.1463-6409.2006.00224.x](https://doi.org/10.1111/j.1463-6409.2006.00224.x)
413. B. Stadelmann, D. S. Jacobs, C. Schoeman, M. Ruedi, Phylogeny of African *Myotis* bats (Chiroptera, Vespertilionidae) inferred from cytochrome *b* sequences. *Acta Chiropt.* **6**, 177–192 (2004). [doi:10.3161/001.006.0201](https://doi.org/10.3161/001.006.0201)
414. R. G. Trujillo, J. C. Patton, D. A. Schlitter, J. W. Bickham, Molecular phylogenetics of the bat genus *Scotophilus* (Chiroptera: Vespertilionidae): perspectives from paternally and maternally inherited genomes. *J. Mammal.* **90**, 548–560 (2009). [doi:10.1644/08-MAMM-A-239R2.1](https://doi.org/10.1644/08-MAMM-A-239R2.1)
415. S. M. Tsang, S. Wiantoro, M. J. Veluz, N. Sugita, Y.-L. Nguyen, N. B. Simmons, D. J. Lohman, Dispersal out of Wallacea spurs diversification of *Pteropus* flying foxes, the world's largest bats (Mammalia: Chiroptera). *J. Biogeogr.* **47**, 527–537 (2020). [doi:10.1111/jbi.13750](https://doi.org/10.1111/jbi.13750) [Medline](#)
416. N. S. Upham, J. A. Esselstyn, W. Jetz, Inferring the mammal tree: Species-level sets of phylogenies for questions in ecology, evolution, and conservation. *PLOS Biol.* **17**, e3000494 (2019). [doi:10.1371/journal.pbio.3000494](https://doi.org/10.1371/journal.pbio.3000494) [Medline](#)
417. H. M. Van Deusen, A new species of wallaby (genus *Dorcopsis*) from Goodenough Island, Papua. *Am. Mus. Novit.* **1826**, 1–25 (1957).
418. D. J. van Weers, A taxonomic revision of the Pleistocene *Hystrix* (Hystricidae, Rodentia) from Eurasia with notes on the evolution of the family. *Contrib. Zool.* **74**, 301–312 (2005). [doi:10.1163/18759866-0740304007](https://doi.org/10.1163/18759866-0740304007)
419. P. M. Velazco, B. D. Patterson, Diversification of the yellow-shouldered bats, genus *Sturnira* (Chiroptera, Phyllostomidae), in the New World tropics. *Mol. Phylogenet. Evol.* **68**, 683–698 (2013). [doi:10.1016/j.ympev.2013.04.016](https://doi.org/10.1016/j.ympev.2013.04.016) [Medline](#)
420. G. Veron, M.-L. Patou, M. Toth, M. Goonatilake, A. P. Jennings, How many species of *Paradoxurus* civets are there? New insights from India and Sri Lanka. *J. Zool. Syst. Evol. Res.* **53**, 161–174 (2015). [doi:10.1111/jzs.12085](https://doi.org/10.1111/jzs.12085)
421. P. Vogel, J.-F. Cosson, L. F. López Jurado, Taxonomic status and origin of the shrews (Soricidae) from the Canary islands inferred from a mtDNA comparison with the European *Crocidura* species. *Mol. Phylogenet. Evol.* **27**, 271–282 (2003). [doi:10.1016/S1055-7903\(02\)00403-7](https://doi.org/10.1016/S1055-7903(02)00403-7) [Medline](#)
422. M. Volleth, N. T. Son, Y. Li, W. Yu, L.-K. Lin, S. Arai, V. Trifonov, T. Liehr, M. Harada, Comparative chromosomal studies in *Rhinolophus formosae* and *R. luctus* from China and Vietnam: Elevation of *R. l. lanosus* to species rank. *Acta Chiropt.* **19**, 41–50 (2017). [doi:10.3161/15081109ACC2017.19.1.003](https://doi.org/10.3161/15081109ACC2017.19.1.003)
423. M. Weksler, A. R. Percequillo, R. S. Voss, Ten new genera of oryzomyine rodents (Cricetidae: Sigmodontinae). *Am. Mus. Novit.* **3537**, 1–29 (2006). [doi:10.1206/0003-0082\(2006\)3537\[1:TNGOOR\]2.0.CO;2](https://doi.org/10.1206/0003-0082(2006)3537[1:TNGOOR]2.0.CO;2)

424. M. Weksler, H. C. Lanier, L. E. Olson, Eastern Beringian biogeography: Historical and spatial genetic structure of singing voles in Alaska. *J. Biogeogr.* **37**, 1414–1431 (2010). [doi:10.1111/j.1365-2699.2010.02310.x](https://doi.org/10.1111/j.1365-2699.2010.02310.x)
425. M. Westerman, M. S. Springer, C. Krajewski, Molecular relationships of the New Guinean bandicoot genera *Microperoryctes* and *Echymipera* (Marsupialia: Peramelina). *J. Mamm. Evol.* **8**, 93–105 (2001). [doi:10.1023/A:1011302314000](https://doi.org/10.1023/A:1011302314000)
426. D. J. Whittaker, J. C. Morales, D. J. Melnick, Resolution of the *Hylobates* phylogeny: Congruence of mitochondrial D-loop sequences with molecular, behavioral, and morphological data sets. *Mol. Phylogenet. Evol.* **45**, 620–628 (2007). [doi:10.1016/j.ympev.2007.08.009](https://doi.org/10.1016/j.ympev.2007.08.009) [Medline](#)
427. A. Wilting, J. Fickel, Phylogenetic relationship of two threatened endemic viverrids from the Sunda Islands, Hose's civet and Sulawesi civet. *J. Zool.* **288**, 184–190 (2012). [doi:10.1111/j.1469-7998.2012.00939.x](https://doi.org/10.1111/j.1469-7998.2012.00939.x)
428. M. Yoshiyuki, A systematic study of the Japanese Chiroptera. *Natl. Sci. Mus. Monogr.* **7**, 1–242 (1989).
429. P. Bover, K. J. Mitchell, E. Torres-Roig, B. Llamas, V. A. Thomson, J. A. Alcover, J. Agustí, A. Cooper, J. Pons, Ancient DNA from an extinct Mediterranean micromammal – *Hypnomys morpheus* (Rodentia: Gliridae) – provides insight into the biogeographic history of insular dormice. *J. Zool. Syst. Evol. Res.* **58**, 427–438 (2020). [doi:10.1111/jzs.12343](https://doi.org/10.1111/jzs.12343)
430. B. W. Woloszyn, N. A. Mayo, Postglacial remains of a vampire bat (Chiroptera: *Desmodus*) from Cuba. *Acta Zool. Cracoviensia* **19**, 253–266 (1974).
431. R. Woods, I. Barnes, S. Brace, S. T. Turvey, Ancient DNA suggests single colonization and within-archipelago diversification of Caribbean caviomorph rodents. *Mol. Biol. Evol.* **38**, 84–95 (2021). [doi:10.1093/molbev/msaa189](https://doi.org/10.1093/molbev/msaa189) [Medline](#)
432. R. Woods, S. T. Turvey, S. Brace, R. D. E. MacPhee, I. Barnes, Ancient DNA of the extinct Jamaican monkey *Xenothrix* reveals extreme insular change within a morphologically conservative radiation. *Proc. Natl. Acad. Sci. U.S.A.* **115**, 12769–12774 (2018). [doi:10.1073/pnas.1808603115](https://doi.org/10.1073/pnas.1808603115) [Medline](#)
433. T. F. Johnson, N. J. B. Isaac, A. Paviolo, M. González-Suárez, Handling missing values in trait data. *Glob. Ecol. Biogeogr.* **30**, 51–62 (2021). [doi:10.1111/geb.13185](https://doi.org/10.1111/geb.13185)
434. L. Jardim, L. M. Bini, J. A. F. Diniz-Filho, F. Villalobos, A cautionary note on phylogenetic signal estimation from imputed databases. *Evol. Biol.* **48**, 246–258 (2021). [doi:10.1007/s11692-021-09534-0](https://doi.org/10.1007/s11692-021-09534-0)
435. S. Faurby, M. Davis, R. Ø. Pedersen, S. D. Schowaneck, A. Antonelli, J. C. Svenning, PHYLACINE 1.2: The Phylogenetic Atlas of Mammal Macroecology. *Ecology* **99**, 2626–2626 (2018). [doi:10.1002/ecy.2443](https://doi.org/10.1002/ecy.2443) [Medline](#)
436. M. Davis, S. Faurby, J.-C. Svenning, Mammal diversity will take millions of years to recover from the current biodiversity crisis. *Proc. Natl. Acad. Sci. U.S.A.* **115**, 11262–11267 (2018). [doi:10.1073/pnas.1804906115](https://doi.org/10.1073/pnas.1804906115) [Medline](#)

437. V. L. Dantas, J. G. Pausas, The legacy of the extinct Neotropical megafauna on plants and biomes. *Nat. Commun.* **13**, 129 (2022). [doi:10.1038/s41467-021-27749-9](https://doi.org/10.1038/s41467-021-27749-9) [Medline](#)
438. C. Angelone, S. Čermák, L. Rook, New insights on *Paludotona*, an insular endemic lagomorph (Mammalia) from the Tusco-Sardinian palaeobioprovince (Italy, Turolian, late Miocene). *Riv. Ital. Paleontol. Stratigr.* **123**, 455–473 (2017).
439. L. Abbazzi, M. Delfino, G. Gallai, L. Trebini, L. Rook, New data on the vertebrate assemblage of Fiume Santo (North-West Sardinia, Italy), and overview on the Late Miocene Tusco-Sardinian palaeobioprovince. *Palaeontology* **51**, 425–451 (2008). [doi:10.1111/j.1475-4983.2008.00758.x](https://doi.org/10.1111/j.1475-4983.2008.00758.x)
440. D. W. Steadman, N. A. Albury, B. Kakuk, J. I. Mead, J. A. Soto-Centeno, H. M. Singleton, J. Franklin, Vertebrate community on an ice-age Caribbean island. *Proc. Natl. Acad. Sci. U.S.A.* **112**, E5963–E5971 (2015). [doi:10.1073/pnas.1516490112](https://doi.org/10.1073/pnas.1516490112) [Medline](#)
441. T. H. Worthy, R. Bollt, Prehistoric birds and bats from the Atiahara site, Tubuai, Austral Islands, East Polynesia. *Pac. Sci.* **65**, 69–85 (2011). [doi:10.2984/65.1.069](https://doi.org/10.2984/65.1.069)
442. V. Lo Presti, F. Antonioli, M. R. Palombo, V. Agnesi, S. Biolchi, L. Calcagnile, C. Di Patti, S. Donati, S. Furlani, J. Merizzi, F. Pepe, G. Quarta, P. Renda, A. Sulli, S. Tusa, Palaeogeographical evolution of the Egadi Islands (western Sicily, Italy). Implications for late Pleistocene and early Holocene sea crossings by humans and other mammals in the western Mediterranean. *Earth Sci. Rev.* **194**, 160–181 (2019). [doi:10.1016/j.earscirev.2019.04.027](https://doi.org/10.1016/j.earscirev.2019.04.027)
443. A. Kawamura, C.-H. Chang, Y. Kawamura, Middle Pleistocene to Holocene mammal faunas of the Ryukyu Islands and Taiwan: An updated review incorporating results of recent research. *Quat. Int.* **397**, 117–135 (2016). [doi:10.1016/j.quaint.2015.06.044](https://doi.org/10.1016/j.quaint.2015.06.044)
444. D. A. Croft, L. R. Heaney, J. J. Flynn, A. P. Bautista, Fossil remains of a new, diminutive *Bubalus* (Artiodactyla: Bovidae: Bovini) from Cebu Island, Philippines. *J. Mammal.* **87**, 1037–1051 (2006). [doi:10.1644/06-MAMM-A-018R.1](https://doi.org/10.1644/06-MAMM-A-018R.1)
445. J. S. Tweet, V. L. Santucci, K. Convery, J. Hoffman, L. Kirn, “Channel Islands National Park: Paleontological resource inventory (public version),” Natural Resource Report, NPS/CHIS/NRR—2020/2171 (National Park Service, 2020); <https://doi.org/10.36967/nrr-2278664>.
446. M. I. Weisler, R. Bollt, A. Findlater, A new eastern limit of the pacific flying fox, *Pteropus tonganus* (Chiroptera: Pteropodidae), in prehistoric Polynesia: a case of possible human transport and extirpation. *Pac. Sci.* **60**, 403–411 (2006). [doi:10.1353/psc.2006.0020](https://doi.org/10.1353/psc.2006.0020)
447. S. O’Connor, K. Aplin, A Matter of Balance: An overview of Pleistocene occupation history and the impact of the Last Glacial Phase in East Timor and the Aru Islands, eastern Indonesia. *Archaeol. Phys. Anthropol. Ocean.* **42**, 82–90 (2007). [doi:10.1002/j.1834-4453.2007.tb00021.x](https://doi.org/10.1002/j.1834-4453.2007.tb00021.x)
448. N. P. Jew, S. M. Fitzpatrick, K. J. Sullivan, $\delta^{18}\text{O}$ analysis of *Donax denticulatus*: Evaluating a proxy for sea surface temperature and nearshore paleoenvironmental reconstructions for the northern Caribbean. *J. Archaeol. Sci. Rep.* **8**, 216–223 (2016). [doi:10.1016/j.jasrep.2016.06.018](https://doi.org/10.1016/j.jasrep.2016.06.018)

449. G. H. R. von Koenigswald, Zur stratigraphie des javanischen Pleistocän. *Ing. Ned.-Indië*. **1**, 185–201 (1934).
450. I. R. Quitmyer, Zooarchaeology of Cinnamon Bay, St. John, US Virgin Islands: Pre-columbian overexploitation of animal resources. *Bull. Fla. Mus. Nat. Hist.* **44**, 131–158 (2003).
451. M. J. LeFebvre, Zooarchaeological analysis of prehistoric vertebrate exploitation at the Grand Bay Site, Carriacou, West Indies. *Coral Reefs* **26**, 931–944 (2007).
[doi:10.1007/s00338-007-0255-5](https://doi.org/10.1007/s00338-007-0255-5)
452. P. Ballman, R. Adrover, Yacimiento paleontológico de la Cueva de Son Bauçà (Mallorca). *Acta Geol. Hisp* **5**, 58–62 (1970).
453. R. Adrover, B. Ángel, Yacimiento del cuaternario continental en Son Vida. *Boll. Soc. Hist. Nat. Balears* **12**, 107–110 (1966).
454. K. Okumura, S. Ishida, H. Taruno, Y. Kawamura, Yabe's giant deer and elk remains from the Late Pleistocene of Kumaishi-do Cave, Gifu Prefecture, central Japan (Part 1): Antlers, a skull, mandibles, and teeth. *Bull. Osaka Mus. Nat. Hist.* **70**, 1–82 (2016).
455. A. T. Hopwood, XLVI.—A fossil rice-rat from the Pleistocene of Barbuda. *Ann. Mag. Nat. Hist.* **17**, 328–330 (1926). [doi:10.1080/00222932608633419](https://doi.org/10.1080/00222932608633419)
456. D. A. Hooijer, What, if anything new, is *Stegodon sumbaensis* Sartono? *Mod. Quat. Res. Southeast Asia* **6**, 89–90 (1981).
457. E. E. Williams, K. F. Koopman, West Indian fossil monkeys. *Am. Mus. Novit.* **1546**, 1–16 (1952).
458. M. R. Palombo, F. Antonioli, C. Di Patti, L. P. Valeria, M. E. Scarborough, Was the dwarfed *Palaeoloxodon* from Favignana Island the last endemic Pleistocene elephant from the western Mediterranean islands? *Hist. Biol.* **33**, 2116–2134 (2021).
[doi:10.1080/08912963.2020.1772251](https://doi.org/10.1080/08912963.2020.1772251)
459. J. M. Riley, thesis, Department of Anthropology, Indiana University (2017).
460. J. Cosijn, Voorloopige mededeeling omtrent het voorkomen van fossiele beenderen in het heuvelterrein ten Noorden van Djetis en Pening (MiddenJava). *Verh. Geol. Mijnb. Gen. Ned. En Kol.* **19**, 113–119 (1931).
461. J. J. Hennekam, V. L. Herridge, L. Costeur, C. Di Patti, P. G. Cox, Virtual cranial reconstruction of the endemic gigantic dormouse *Leithia melitensis* (Rodentia, Gliridae) from Poggio Schinaldo, Sicily. *Open Quat.* **6**, 7 (2020). [doi:10.5334/oq.79](https://doi.org/10.5334/oq.79)
462. U. P. Wibowo, A. Ferdianto, N. Laili, D. Yurnaldi, R. Setiawan, Vestige of the hominid at the Pleistocene ancient estuarine fossils bearing site of Cisaar Valley, Sumedang, West Java. *Purbawidya* **8**, 65–78 (2019). [doi:10.24164/pw.v8i2.302](https://doi.org/10.24164/pw.v8i2.302)
463. D. W. Steadman, D. R. Watters, E. J. Reitz, G. K. Pregill, Vertebrates from archaeological sites on Montserrat, West Indies. *Ann. Carnegie Mus.* **53**, 1–29 (1984).
[doi:10.5962/p.330474](https://doi.org/10.5962/p.330474)

464. D. R. Watters, E. J. Reitz, D. W. Steadman, G. K. Pregill, Vertebrates from archaeological sites on Barbuda, West Indies. *Ann. Carnegie Mus.* **53**, 383–412 (1984).
[doi:10.5962/p.330486](https://doi.org/10.5962/p.330486)
465. R. D. E. MacPhee, “Vertebrate paleontology of Jamaican caves” in *Jamaica Underground: The Caves, Sinkholes and Underground Rivers of the Island*, A. G. Fincham, Ed. (Univ. of the West Indies Press, ed. 2, 1997), pp. 47–56.
466. D. W. Steadman, “Vertebrate fossils in lava tubes in the Galápagos Islands,” *Proceedings of the Eighth International Congress of Speleology* (1981), vol. 1, pp. 549–550.
467. T. Harrison, Vertebrate faunal remains from the Madai caves (MAD 1/28), Sabah, East Malaysia. *Bull. Indo-Pac. Prehistory Assoc.* **17**, 85–92 (1998).
468. P. Piper, R. Rabett, “Vertebrate fauna from the Niah Caves” in *Rainforest Foraging and Farming in Island Southeast Asia: The Archaeology of the Niah Caves, Sarawak* (McDonald Institute for Archaeological Research Cambridge, 2016), pp. 401–438.
469. Fakhri, “Vertebrate fauna from Gua Sambangoala, Southeast Sulawesi” in *The Archaeology of Sulawesi: Current Research on the Pleistocene to the Historic Period*, S. O’Connor, D. Bulbeck, J. Meyer, Eds., vol. 48 of *Terra Australis* (Australian National Univ. Press, 2018), chap. 10.
470. T. R. Whyte, M. J. Berman, P. L. Gnivecki, “Vertebrate Archeofaunal remains from the Pigeon Creek Site, San Salvador Island, The Bahamas,” *Proceedings of the Tenth Symposium on the Natural History of the Bahamas* (Gerace Research Center, San Salvador, Bahamas, 2005), pp. 165–177.
471. O. Jiménez Vázquez, M. M. Condis, E. G. Cancio, Vertebrados post-glaciales en un residuario fósil de *Tyto alba* Scopoli (Aves: Tytonidae) en el occidente de Cuba. *Rev. Mex. Mastozool. Nueva Época* **9**, 85–112 (2005).
472. S. M. Fitzpatrick, Verification of an Archaic age occupation on Barbados, southern Lesser Antilles. *Radiocarbon* **53**, 595–604 (2011). [doi:10.1017/S0033822200039072](https://doi.org/10.1017/S0033822200039072)
473. K. H. Roucoux, P. C. Tzedakis, M. R. Frogley, I. T. Lawson, R. C. Preece, Vegetation history of the marine isotope stage 7 interglacial complex at Ioannina, NW Greece. *Quat. Sci. Rev.* **27**, 1378–1395 (2008). [doi:10.1016/j.quascirev.2008.04.002](https://doi.org/10.1016/j.quascirev.2008.04.002)
474. S. Grouard, “Variation des stratégies de subsistance des Précolombiens à Hope Estate, Saint-Martin (Petites Antilles), d’après l’analyse des restes des petits vertébrés” in *Petits Animaux et Sociétés Humaines. Du Complément Alimentaire aux Ressources Utilitaires* (APDCA, Antibes, 2004), pp. 451–468.
475. R. Bolufé Torres, thesis, University of Havana, Cuba (2016).
476. L. Perez Iglesias, R. Valcárcel Rojas, J. Guarch Rodríguez, E. Guarch Rodríguez, Y. Fernández Batista, L. A. C. Suárez, L. M. Martínez Fernández, Y. Vargas Acosta, P. Cruz Ramírez, J. Cruz Ramírez, “Valoración de la Biodiversidad de la Región Centro Oriental de Cuba desde una perspectiva arqueológica” (Archivo Departamento Centro Oriental de Arqueología, Holguín, 2012), p. 90.
477. R. Woods, thesis, Royal Holloway, University of London (2017).

478. A. C. Marra, *Ursus arctos* from selected Pleistocene sites of eastern Sicily. *Boll. Soc. Paleontol. Ital.* **42**, 145–150 (2003).
479. F. Grímsson, L. A. Símonarson, Upper Tertiary non-marine environments and climatic changes in Iceland. *Jökull* **58**, 303–314 (2008).
480. E. Gliozzi, A. Malatesta, M. R. Palombo, Upper Pleistocene small mammal associations in the Is Oleris area (Iglesiente, SW Sardinia). *Geol. Rom.* **23**, 121–129 (1986).
481. D. Zoboli, G. L. Pillola, Upper Pleistocene mammal assemblage from Su Concali Quarry (Samatzai, Southern Sardinia, Italy). *Riv. Ital. Paleontol. Stratigr.* **123**, 243–254 (2017).
482. F. Déroit, E. Dizon, C. Falguères, S. Hameau, W. Ronquillo, F. Sémah, Upper Pleistocene *Homo sapiens* from the Tabon cave (Palawan, The Philippines): Description and dating of new discoveries. *C. R. Palevol* **3**, 705–712 (2004). [doi:10.1016/j.crpv.2004.06.004](https://doi.org/10.1016/j.crpv.2004.06.004)
483. M. A. Mannino, R. Di Salvo, V. Schimmenti, C. Di Patti, A. Incarbona, L. Sineo, M. P. Richards, Upper Palaeolithic hunter-gatherer subsistence in Mediterranean coastal environments: An isotopic study of the diets of the earliest directly-dated humans from Sicily. *J. Archaeol. Sci.* **38**, 3094–3100 (2011). [doi:10.1016/j.jas.2011.07.009](https://doi.org/10.1016/j.jas.2011.07.009)
484. D. Kadar, Upper Cenozoic foraminiferal biostratigraphy of the Kalibeng and Pucangan formations in the Sangiran Dome area, Central Java. *Geol. Res. Dev. Cent* **4**, 219–241 (1985).
485. R. Borroto-Páez, C. A. Mancina, C. A. Woods, C. W. Kilpatrick, “Updated checklist of endemic terrestrial mammals of the West Indies” in *Terrestrial Mammals of the West Indies: Contributions*, C. A. Borroto-Páez, C. A. Woods, F. E. Sergile, Eds. (Florida Museum of Natural History, 2012), pp. 389–415.
486. P. Bover, B. Llamas, K. J. Mitchell, V. A. Thomson, J. A. Alcover, C. Lalueza-Fox, A. Cooper, J. Pons, Unraveling the phylogenetic relationships of the extinct bovid *Myotragus balearicus* Bate 1909 from the Balearic Islands. *Quat. Sci. Rev.* **215**, 185–195 (2019). [doi:10.1016/j.quascirev.2019.05.005](https://doi.org/10.1016/j.quascirev.2019.05.005)
487. H. Kobayashi, T. Hirose, M. Sugino, N. Watanabe, University of Tokyo radiocarbon measurements V. *Radiocarbon* **16**, 381–387 (1974). [doi:10.1017/S0033822200059671](https://doi.org/10.1017/S0033822200059671)
488. H. Kobayashi, Y. Matsui, H. Suzuki, University of Tokyo radiocarbon measurements IV. *Radiocarbon* **13**, 97–102 (1971). [doi:10.1017/S0033822200000904](https://doi.org/10.1017/S0033822200000904)
489. H. van den Bosch, Unieke vondsten dwergolifant van het zuiden van Kreta. *Cranium* **34**, 37–40 (2017).
490. S. Brace, S. T. Turvey, M. Weksler, M. L. P. Hoogland, I. Barnes, Unexpected evolutionary diversity in a recently extinct Caribbean mammal radiation. *Proc. R. Soc. London Ser. B* **282**, 20142371 (2015). [doi:10.1098/rspb.2014.2371](https://doi.org/10.1098/rspb.2014.2371) [Medline](#)
491. S. Grouard, “Une population de pêcheurs-piégeurscollecteurs à Baie aux Prunes/Plum Bay, Saint-Martin, Petites Antilles,” *Proceedings of the XXth International Congress for Caribbean Archaeology* (Santo Domingo, 2005), pp. 307–316.
492. D. Gommery, B. Ramanivosoa, S. Tombomadiana-Raveloson, H. Randrianantenaina, P. Kerloc’h, Une nouvelle espèce de lémurien géant subfossile du Nord-Ouest de

- Madagascar (*Palaeopropithecus kelyus*, Primates). *C. R. Palevol* **8**, 471–480 (2009). [doi:10.1016/j.crpv.2009.02.001](https://doi.org/10.1016/j.crpv.2009.02.001)
493. P. Mein, R. Adrover, Une faunule de mammifères insulaires dans le Miocène moyen de Majorque (Iles Balears). *Geobios* **15**, 451–463 (1982). [doi:10.1016/S0016-6995\(82\)80133-2](https://doi.org/10.1016/S0016-6995(82)80133-2)
494. M. Sabatier, S. Legendre, “Une faune à rongeurs et chiroptères Plio-Pléistocènes de Madagascar” in *Géologie Africaine. Colloque* (C.T.H.S., France, 1985), vol. 110, pp. 21–28.
495. J. Agustí, S. Moyà-Solà, J. Pons-Moyà, Une espèce géante de *Muscardinus* Kaup, 1829 (Gliridae, Rodentia, Mammalia) dans le gisement karstique de Cala es Pou (Miocène supérieur de Minorque, Baléares). *Geobios* **15**, 783–789 (1982). [doi:10.1016/S0016-6995\(82\)80008-9](https://doi.org/10.1016/S0016-6995(82)80008-9)
496. P. Bover, J. A. Alcover, Understanding late Quaternary extinctions: The case of *Myotragus balearicus* Bate 1909. *J. Biogeogr.* **30**, 771–781 (2003). [doi:10.1046/j.1365-2699.2003.00872.x](https://doi.org/10.1046/j.1365-2699.2003.00872.x)
497. M. del Carmen Machado Yanes, Una visión de las islas Afortunadas a partir de los restos arqueológicos. *Rev. Tabona* **15**, 71–90 (2007).
498. S. Moyà-Solà, J. Pons-Moyà, Una nueva especie del género *Myotragus* Bate, 1909 (Mammalia, Bovidae) en la isla de Menorca: *Myotragus binigausensis* nov.sp. Implicaciones paleozoogeográficas. *Endins* **7**, 37–47 (1980).
499. M. Trias, J. A. Ottenwalder, D. Jaume, Una campaña en la República Dominicana. Resultados preliminares. *Endins* **21**, 63–74 (1997).
500. N. López-Martínez, L. F. López-Jurado, Un nuevo múrido gigante del Cuaternario de Gran Canaria, *Canariomys tamarani* nov. sp. (Rodentia, Mammalia). *Donana Acta Vertebr* **2**, 1–66 (1987).
501. E. Gliozzi, Un nouveau muscardin (Gliridae, Rodentia) endémique du Pleistocène supérieur de l’île de Capri. *Il Quat.* **8**, 257–262 (1995).
502. M. Crusafont, B. Angel, Un *Myotragus* (Mammifère, Ruminant) dans le Villafranchienne de l’île de Majorque: *Myotragus batei* n.sp. *C. R. Acad. Sci. Paris* **206**, 2012–2014 (1966).
503. B. Bérard, “Un exemple d’archéologie en pays créole: le cas de la Martinique” in *Communication présentée lors de 1ère Conférence Internationale des Archéologies de l’Océan Indien organisée par le G.R.A.H.T.E.R.* (Saint Denis de la Réunion, La Réunion, 2000), pp. 1–14.
504. S. Moyà-Solà, Un caso de hiperodoncia en la serie incisiva en una mandíbula de *Myotragus balearicus* Bate. *Boll. Soc. Hist. Nat. Balears* **23**, 79–85 (1979).
505. G. J. Fergusson, W. F. Libby, UCLA Radiocarbon Dates I. *Radiocarbon* **4**, 109–114 (1962). [doi:10.1017/S0033822200036572](https://doi.org/10.1017/S0033822200036572)
506. M. K. Mitzopoulos, Über einen pleistozänen Zwergelafanten von der Insel Naxos (Kykladen). *Prak. Akad. Athenon* **36**, 332–340 (1961).

507. K. Deninger, Über einen Affenkiefer aus den Kendengschichten von Java. *Cent. F Min*, 1–3 (1910).
508. H. Tobien, Über die pleistozanen und postpleistozanen *Prolagus* formen Korsikas und Sardiniens. *Ber. Naturf. Ges. Z. Freibg. Br* **34**, 253–344 (1935).
509. J. Cosijn, Tweede mededeeling over het voorkomen van fossiele beenderen in het heuvelland ten Noorden van Djetis en Perning (Java). *Verh. Geol. Mijnb. Gen. Ned. En Kol* **9**, 135–148 (1932).
510. D. J. van Weers, L. Rook, Turolian and Ruscinian porcupines (genus *Hystrix*, Rodentia) from Europe, Asia and North Africa. *Palaontol. Z.* **77**, 95–113 (2003).
[doi:10.1007/BF03004562](https://doi.org/10.1007/BF03004562)
511. D. A. Hooijer, B. Kurtén, Trinil and Kedungbrubus: The Pithecanthropus-bearing fossil faunas of Java and their relative age. *Ann. Zool. Fennici* **21**, 135–141 (1984).
512. M. G. Leavesley, thesis, The Australian National University (2004).
513. C. A. Hofman, T. C. Rick, J. E. Maldonado, P. W. Collins, J. M. Erlandson, R. C. Fleischer, C. Smith, T. S. Sillett, K. Ralls, W. Teeter, R. L. Vellanoweth, S. D. Newsome, Tracking the origins and diet of an endemic island canid (*Urocyon littoralis*) across 7300 years of human cultural and environmental change. *Quat. Sci. Rev.* **146**, 147–160 (2016).
[doi:10.1016/j.quascirev.2016.06.010](https://doi.org/10.1016/j.quascirev.2016.06.010)
514. Y. Hasegawa, K. Chinzei, T. Nohara, N. Ikeya, H. Wada, S. Oyama, Topography and deposits of Late Pleistocene Minatogawa man site, Okinawa, Ryukyu Islands. *Bull. Gunma Mus. Nat. Hist.* **21**, 7–18 (2017).
515. R. Janssen, J. C. Joordens, D. S. Koutamanis, M. R. Puspaningrum, J. de Vos, J. H. Van Der Lubbe, J. J. Reijmer, O. Hampe, H. B. Vonhof, Tooth enamel stable isotopes of Holocene and Pleistocene fossil fauna reveal glacial and interglacial paleoenvironments of hominins in Indonesia. *Quat. Sci. Rev.* **144**, 145–154 (2016).
[doi:10.1016/j.quascirev.2016.02.028](https://doi.org/10.1016/j.quascirev.2016.02.028)
516. F. Antonioli, V. Lo Presti, M. G. Morticelli, L. Bonfiglio, M. A. Mannino, M. R. Palombo, G. Sannino, L. Ferranti, S. Furlani, K. Lambeck, S. Canese, R. Catalano, F. L. Chiocci, G. Mangano, G. Scicchitano, R. Tonielli, Timing of the emergence of the Europe–Sicily bridge (40–17 cal ka BP) and its implications for the spread of modern humans. *Spec. Publ. Geol. Soc. Lond.* **411**, 111–144 (2016). [doi:10.1144/SP411.1](https://doi.org/10.1144/SP411.1)
517. A. Iwase, J. Hashizume, M. Izuho, K. Takahashi, H. Sato, Timing of megafaunal extinction in the late Late Pleistocene on the Japanese Archipelago. *Quat. Int.* **255**, 114–124 (2012).
[doi:10.1016/j.quaint.2011.03.029](https://doi.org/10.1016/j.quaint.2011.03.029)
518. B. M. Whiting, D. P. McFarland, S. Hackenberger, Three-dimensional GPR study of a prehistoric site in Barbados, West Indies. *J. Appl. Geophys.* **47**, 217–226 (2001).
[doi:10.1016/S0926-9851\(01\)00066-0](https://doi.org/10.1016/S0926-9851(01)00066-0)
519. G. S. Miller, Three small collections of mammals from Hispaniola. *Smithson. Misc. Collect.* **82**, 1–9 (1930).

520. Y. Azuma, Three new species of fossil terrestrial Mollusca from fissure deposits within the Ryukyu Limestone in Okinawa and Yoron islands, Japan. *Paleontol. Res.* **11**, 231–249 (2007). [doi:10.2517/1342-8144\(2007\)11\[231:TNSOFT\]2.0.CO;2](https://doi.org/10.2517/1342-8144(2007)11[231:TNSOFT]2.0.CO;2)
521. A. Crosby, “Theme one: prehistoric settlement, subsistence and social organisation” (Nevis Heritage Project interim report), pp. 6–40.
522. J. R. Oliver, Y. M. Narganes Storde, “The zooarcheological remains from Juan Miguel Cave and Finca De Doña Rosa, Barrio Caguana, Puerto Rico. Ritual edibles or quotidian meals?,” *Proceedings of the XV International Congress of Caribbean Archaeology* (Museo del Hombre Dominicano-Fundacion García Arevalo, 2005), vol. 1, pp. 227–242.
523. Earl of Cranbrook, The zooarchaeology of carnivores in Borneo, with a proposal for continuing collection. *Raffles Bull. Zool.* **33**, 9–17 (2016).
524. M. J. LeFebvre, S. D. deFrance, G. D. Kamenov, W. F. Keegan, J. Krigbaum, The zooarchaeology and isotopic ecology of the Bahamian hutia (*Geocapromys ingrahami*): Evidence for pre-Columbian anthropogenic management. *PLOS ONE* **14**, e0220284 (2019). [doi:10.1371/journal.pone.0220284](https://doi.org/10.1371/journal.pone.0220284) [Medline](#)
525. J. Silverberg, R. L. Vanderwall, “The White Marl Site in Jamaica: Report of the 1964 Robert R. Howard Excavation” (Department of Anthropology, Univ. of Wisconsin–Milwaukee, 1972).
526. E. Righter, *The Tutu Archaeological Village Site: A Multidisciplinary Case Study in Human Adaptation* (Routledge, 2002).
527. P. P. A. Mazza, M. Rustioni, The Turolian fossil artiodactyls from Scontrone (Abruzzo, Central Italy) and their paleoecological and paleogeographical implications. *Boll. Soc. Paleontol. Ital.* **35**, 93–106 (1996).
528. G. G. Musser, The Trinil rats. *Mod. Quat. Res. Southeast Asia* **7**, 65–85 (1982).
529. D. Mol, J. de Vos, G. D. van den Bergh, P. Y. Sondaar, “The taxonomy and ancestry of the fossil elephants of Crete. Faunal turnover and comparison with proboscidean faunas of Indonesian islands” in *Pleistocene and Holocene Fauna of Crete and Its First Settlers*, D. S. Reese, Ed., vol. 28 of *Monographs in World Archaeology* (Prehistory Press, 1996), pp. 81–98.
530. L. Rook, T. Harrison, B. Engesser, The taxonomic status and biochronological implications of new finds of *Oreopithecus* from Baccinello (Tuscany, Italy). *J. Hum. Evol.* **30**, 3–27 (1996). [doi:10.1006/jhev.1996.0002](https://doi.org/10.1006/jhev.1996.0002)
531. R. B. Fox, *The Tabon Caves* (National Museum, Manila, 1970).
532. E. S. Wing, The sustainability of resources used by Native Americans on four Caribbean islands. *Int. J. Osteoarchaeol.* **11**, 112–126 (2001). [doi:10.1002/oa.550](https://doi.org/10.1002/oa.550)
533. K. M. Muldoon, D. D. de Blieux, E. L. Simons, P. S. Chatrath, The subfossil occurrence and paleoecological significance of small mammals at Ankilitelo Cave, southwestern Madagascar. *J. Mammal.* **90**, 1111–1131 (2009). [doi:10.1644/08-MAMM-A-242.1](https://doi.org/10.1644/08-MAMM-A-242.1)
534. J. Ostapkowicz, The study of Lucayan duhos. *J. Caribb. Archaeol.* **15**, 62–101 (2015).
535. J. S. Kopper, thesis, University of Pennsylvania (1968).

536. H. Taruno, The stratigraphic positions of Proboscidean fossils from the Pliocene and lower to middle Pleistocene formations of Japanese Islands. *Earth Sci. Chikyu Kagaku* **53**, 258–264 (1999).
537. K. Baba, H. Ohira, M. Matsukawa, The stratigraphic level of the specimen of *Stegodon miensis* (Proboscidea, Mammalia) in Akiruno city, Tokyo and its fission-track age. *Bull. Tokyo Gakugei Univ.* **57**, 185–193 (2005).
538. M. D. Hardy, The St. Croix archaeology project and the Vescelius collection: A reexamination. *Bull. Peabody Mus. Nat. Hist.* **50**, 99–118 (2009).
[doi:10.3374/014.050.0108](https://doi.org/10.3374/014.050.0108)
539. P. Bellwood, Ed., *The Spice Islands in Prehistory: Archaeology in the Northern Moluccas, Indonesia* (ANU Press, 2019).
540. T. Sutikna, M. W. Tocheri, J. T. Faith, R. Jatmiko, R. Due Awe, H. J. M. Meijer, E. Wahyu Saptomo, R. G. Roberts, The spatio-temporal distribution of archaeological and faunal finds at Liang Bua (Flores, Indonesia) in light of the revised chronology for *Homo floresiensis*. *J. Hum. Evol.* **124**, 52–74 (2018). [doi:10.1016/j.jhevol.2018.07.001](https://doi.org/10.1016/j.jhevol.2018.07.001) [Medline](#)
541. J. M. López-García, H. A. Blain, E. Pagano, A. Olle, J. M. Vergès, V. Forgia, The small mammals (insectivores, bats and rodents) from the Holocene archaeological site of Vallone Inferno (Scillato, Lower Imera valley, Northwestern Sicily). *Riv. Ital. Paleontol. Stratigr.* **119**, 229–244 (2013).
542. J. L. White, R. D. E. MacPhee, “The sloths of the West Indies: a systematic and phylogenetic review” in *Biogeography of the West Indies* (CRC Press, 2001), pp. 201–236.
543. B. F. Morse, “The sequence of occupations at the Salt River site, St. Croix,” *Proceedings of the XV International Congress for Caribbean Archaeology* (Centro de Estudios Avanzados de Puerto Rico y el Caribe, San Juan, Puerto Rico, 1995), pp. 471–484.
544. B. Kurtén, The sabre-toothed cat *Megantereon* from the Pleistocene of Java. *Zool. Meded.* **38**, 101–104 (1962).
545. I. Casanovas-Vilar, J. A. van Dam, L. Trebini, L. Rook, The rodents from the Late Miocene *Oreopithecus*-bearing site of Fiume Santo (Sardinia, Italy). *Geobios* **44**, 173–187 (2011).
[doi:10.1016/j.geobios.2010.08.002](https://doi.org/10.1016/j.geobios.2010.08.002)
546. C. E. Ray, The relationships of *Quemisia gravis* (Rodentia? Heptaxodontidae). *Smithson. Misc. Collect.* **149**, 1–12 (1965).
547. D. W. Steadman, C. E. Ray, *The Relationships of Megaoryzomys curioi, an Extinct Cricetine Rodent (Muroidea: Muridae) from the Galapagos Islands, Ecuador*, vol. 51 of *Smithsonian Contributions to Paleobiology* (Smithsonian Institution Press, 1982).
548. M. D. Dermitzakis, The Quaternary fossil mammals in caves and karstic holes of Crete island and their significance. *Bull. Société Spéléologique Grèce* **14**, 152–190 (1977).
549. I. Horovitz, R. D. E. MacPhee, The quaternary cuban platyrrhine *Paralouatta varonai* and the origin of Antillean monkeys. *J. Hum. Evol.* **36**, 33–68 (1999).
[doi:10.1006/jhev.1998.0259](https://doi.org/10.1006/jhev.1998.0259) [Medline](#)

550. D. A. McFarlane, R. E. Gledhill, The Quaternary bone caves and associated sites at Wallingford, Jamaica. *Cave Sci.* **12**, 127–128 (1985).
551. S. Chia, The prehistory of Bukit Tengkorak, Sabah, Malaysia. *J. Southeast Asian Archaeol.* **21**, 146–159 (2001).
552. S. Wickler, *The Prehistory of Buka: A Stepping Stone Island in the Northern Solomons* (Dept. of Archaeology and National History, Australian National Univ., Canberra, 2001).
553. S. U. Deraniyagala, *The Prehistory and Protohistory of Sri Lanka* (Central Cultural Fund, 2007).
554. L. J. C. van Es, “The prehistoric remains in the Sampoeng cave, Residency of Ponorogo, Java,” *Proceedings of the Fourth Pacific Science Congress, Java, 1929* (Pacific Science Association, Batavia-Bandoeng, 1930), vol. 3: Biological Papers, pp. 329–340.
555. M. Veloz Maggiolo, M. J. Ortega, “The Preceramic of the Dominican Republic: some new finds and their possible relationships,” *Proceedings of the First Puerto Rican Symposium on Archaeology* (Fundación Arqueológica, Antropológica e Histórica de Puerto Rico, San Juan, Puerto Rico, 1976), pp. 147–201.
556. C. Bochaton, B. Ephrem, B. Bérard, D. Cochard, M. Gala, K. K. Richter, A. Le Lay, S. Renou, A. Lenoble, The pre-Columbian site of Roseau (Guadeloupe, F. W. I.): Intra-site chronological variability of the subsistence strategies in a Late Ceramic archeological vertebrate assemblage. *Archaeol. Anthropol. Sci.* **13**, 16 (2021). [doi:10.1007/s12520-020-01246-4](https://doi.org/10.1007/s12520-020-01246-4)
557. S. O’Connor, A. Barham, K. Aplin, K. Dobney, A. Fairbairn, M. Richards, The power of paradigms: Examining the evidential basis for early to mid-Holocene pigs and pottery in Melanesia. *J. Pac. Archaeol.* **2**, 1–25 (2011).
558. J. de Vos, The Pongo faunas from Java and Sumatra and their significance for biostratigraphical and paleoecological interpretations. *Proc. K. Ned. Akad. Van Wet. B* **86**, 417–425 (1983).
559. D. S. Reese, The Pleistocene vertebrate sites and fauna of Cyprus. *Bull. Geol. Surv. Cyprus* **9**, 5–16 (1995).
560. J. W. F. Reumer, The Pleistocene small mammals from Sa Pedrera de s’Ònix, Majorca (Gliridae, Soricidae). *Proc. K. Ned. Akad. Van Wet. B* **84**, 3–11 (1981).
561. G. J. Boekschoten, P. Y. Sondaar, The Pleistocene of the Katharo Basin, (Crete) and its hippopotamus. *Bijdr. Tot Dierkd.* **36**, 17–44 (1966). [doi:10.1163/26660644-03601002](https://doi.org/10.1163/26660644-03601002)
562. T. F. Flannery, The Pleistocene mammal fauna of Kelangurr Cave, central montane Irian Jaya, Indonesia. *Rec. Aust. Mus.* **57**, 341–350 (1999).
563. K. V. Nikiforova, E. de Aguirre Enríquez, *The Pleistocene Boundary and the Beginning of the Quaternary* (Cambridge Univ. Press, 1997), vol. 41.
564. A. F. Pawlik, P. J. Piper, The Philippines from c. 14,000 to 4,000 cal. BP in regional context. *Camb. Archaeol. J.* **29**, 1–22 (2019). [doi:10.1017/S0959774318000306](https://doi.org/10.1017/S0959774318000306)
565. A. Lenoble, The past occurrence of the Guadeloupe big-eyed bat *Chiroderma improvisum* Baker and Genoways, 1976 on Marie-Galante (French West Indies) with comments on

- bat remains from pre-Columbian sites in the Eastern Caribbean. *Acta Chiropt.* **21**, 299–308 (2019). [doi:10.3161/15081109ACC2019.21.2.005](https://doi.org/10.3161/15081109ACC2019.21.2.005)
566. D. W. Steadman, N. A. Albury, L. A. Carlson, R. Franz, M. J. LeFebvre, B. Kakuk, W. F. Keegan, The paleoecology and extinction of endemic tortoises in the Bahamian Archipelago. *Holocene* **30**, 420–427 (2020). [doi:10.1177/0959683619887412](https://doi.org/10.1177/0959683619887412)
567. The Paleobiology Database (2022); <https://paleobiodb.org>.
568. O. Girotti, T. Kotsakis, C. Petronio, The palaeontological campaigns of Alberto Malatesta in the Mediterranean islands. *Alp. Mediterr. Quat.* **24**, 41–50 (2011).
569. W. F. Keegan, C. L. Hofman, R. Rodríguez Ramos, *The Oxford Handbook of Caribbean Archaeology* (Oxford Univ. Press, 2013).
570. L. L. Junker, The organization of intra-regional and long-distance trade in prehispanic Philippine complex societies. *Asian Perspect.* **29**, 167–209 (1990).
571. N. K. Symeonidis, G. E. Theodorou, B. Gianopoulos, The new species *Elephas chaniensis* from the submerged Pleistocene deposits of Vamos Cave at Chania, Crete. *Bull. Soc. Speleol. Greece* **22**, 95–108 (2000).
572. C. Angelone, S. Čermák, T. Kotsakis, The most ancient lagomorphs of Sardinia: An overview. *Geobios* **48**, 287–296 (2015). [doi:10.1016/j.geobios.2015.06.002](https://doi.org/10.1016/j.geobios.2015.06.002)
573. E. Patacca, P. Scandone, G. Carnevale, The Miocene vertebrate-bearing deposits of Scontrone (Abruzzo, Central Italy): Stratigraphic and paleoenvironmental analysis. *Geobios* **46**, 5–23 (2013). [doi:10.1016/j.geobios.2012.11.001](https://doi.org/10.1016/j.geobios.2012.11.001)
574. A. S. Mijares, *The Minori Cave Expedient Lithic Technology* (Univ. of the Philippines Press, 2002).
575. H. Suzuki, K. Hanihara, The Minatogawa man: The Upper Pleistocene man from the island of Okinawa. *Bull. Univ. Mus. Univ. Tokyo* **19**, 1–208 (1982).
576. S. Ogino, H. Otsuka, H. Harunari, The middle Pleistocene Matsugae fauna, northern Kyushu, West Japan. *Paleontol. Res.* **13**, 367–384 (2009). [doi:10.2517/1342-8144-13.4.367](https://doi.org/10.2517/1342-8144-13.4.367)
577. R. Boldrini, M. R. Palombo, P. Iacumin, R. T. Melis, The Middle Pleistocene fossiliferous sequence of Grotta dei Fiori (Sardinia, Italy): Multidisciplinary analysis. *Boll. Soc. Paleontol. Ital.* **49**, 123–134 (2010).
578. D. Lo Vetro, A. C. Colonese, M. Mannino, K. Thomas, Z. Giuseppe, F. Martini, The mesolithic occupation at Isolidda (San Vito lo Capo). *Sicily Preistoria Alp.* **48**, 239–245 (2016).
579. W. J. Holland, The mammals of the Isle of Pines. *Ann. Carnegie Mus.* **11**, 356–358 (1917). [doi:10.5962/p.330977](https://doi.org/10.5962/p.330977)
580. J. P. Bekker, The mammals of Aruba. *Nijmegen Ver. Voor Zoogdierkunde En Zoogdierbescherming* **1996**, 1–78 (1996).
581. J. H. Kress, The malacoarchaeology of Palawan island. *J. East Asian Archaeol.* **2**, 285–328 (2000). [doi:10.1163/156852300509736](https://doi.org/10.1163/156852300509736)

582. D. Yurnaldi, R. Setiawan, E. Y. Patriani, The magnetostratigraphy and the age of So'a basin fossil-bearing sequence, Flores, Indonesia. *Indones. J. Geosci.* **5**, 221–234 (2018). [doi:10.17014/ijog.5.3.221-234](https://doi.org/10.17014/ijog.5.3.221-234)
583. T. H. Worthy, R. N. Holdaway, *The Lost World of the Moa: Prehistoric Life of New Zealand* (Indiana Univ. Press, 2002).
584. G. D. van den Bergh, H. J. M. Meijer, R. Due Awe, M. J. Morwood, K. Szabó, L. W. van den Hoek Ostende, T. Sutikna, E. W. Saptomo, P. J. Piper, K. M. Dobney, The Liang Bua faunal remains: A 95k.yr. sequence from Flores, East Indonesia. *J. Hum. Evol.* **57**, 527–537 (2009). [doi:10.1016/j.jhevol.2008.08.015](https://doi.org/10.1016/j.jhevol.2008.08.015) [Medline](#)
585. G. D. van den Bergh, J. de Vos, P. Y. Sondaar, The Late Quaternary palaeogeography of mammal evolution in the Indonesian Archipelago. *Palaeogeogr. Palaeoclimatol. Palaeoecol.* **171**, 385–408 (2001). [doi:10.1016/S0031-0182\(01\)00255-3](https://doi.org/10.1016/S0031-0182(01)00255-3)
586. J. A. Oswald, D. W. Steadman, The late Quaternary bird community of New Providence, Bahamas. *Auk* **135**, 359–377 (2018). [doi:10.1642/AUK-17-185.1](https://doi.org/10.1642/AUK-17-185.1)
587. M. R. Palombo, F. Antonioli, V. Lo Presti, M. A. Mannino, R. T. Melis, P. Orru, P. Stocchi, S. Talamo, G. Quarta, L. Calcagnile, G. Deiana, S. Altamura, The late Pleistocene to Holocene palaeogeographic evolution of the Porto Conte area: Clues for a better understanding of human colonization of Sardinia and faunal dynamics during the last 30 ka. *Quat. Int.* **439**, 117–140 (2017). [doi:10.1016/j.quaint.2016.06.014](https://doi.org/10.1016/j.quaint.2016.06.014)
588. D. A. McFarlane, J. Blake, The late Pleistocene hutias (*Geocapromys brownii*) of Red Hills Fissure, Jamaica. *Geol. J.* **40**, 399–404 (2005). [doi:10.1002/gj.1010](https://doi.org/10.1002/gj.1010)
589. G. D. van den Bergh, The Late Neogene elephantoid-bearing faunas of Indonesia and their palaeozoogeographic implications. *Scr. Geol.* **117**, 1–419 (1999).
590. S. T. Turvey, R. J. Kennerley, J. M. Nuñez-Miño, R. P. Young, The Last Survivors: Current status and conservation of the non-volant land mammals of the insular Caribbean. *J. Mammal.* **98**, 918–936 (2017). [doi:10.1093/jmammal/gyw154](https://doi.org/10.1093/jmammal/gyw154)
591. P. U. Clark, A. S. Dyke, J. D. Shakun, A. E. Carlson, J. Clark, B. Wohlfarth, J. X. Mitrovica, S. W. Hostetler, A. M. McCabe, The last glacial maximum. *Science* **325**, 710–714 (2009). [doi:10.1126/science.1172873](https://doi.org/10.1126/science.1172873) [Medline](#)
592. B. J. Gruwier, The large vertebrate remains from Bindjai Tamieng (Sumatra, Indonesia). *J. Indo-Pac. Archaeol.* **41**, 22–29 (2017). [doi:10.7152/jipa.v41i0.15027](https://doi.org/10.7152/jipa.v41i0.15027)
593. C. A. Woods, The land mammals of Puerto Rico and the Virgin Islands. *Ann. N. Y. Acad. Sci.* **776**, 131–148 (1996). [doi:10.1111/j.1749-6632.1996.tb17418.x](https://doi.org/10.1111/j.1749-6632.1996.tb17418.x)
594. T. Shikama, The Kuzuu ossuaries: geological and palaeontological studies of the limestone fissure deposits, in Kuzuu, Totigi Prefecture. *Sci. Rep. Tohoku Univ. 2nd Ser. Geol.* **23**, 1–201, 1–32 (1949).
595. C. Toftgaard, “The Krum Bay sites revisited. The excavations in the Krum Bay area on St. Thomas, US Virgin Islands” in *Early Settlers of the Insular Caribbean: Dearchaizing the Archaic* (Sidestone Press Academics, 2019), pp. 215–228.

596. E. S. Wing, S. R. Wing, The introduction of animals as an adaptation to colonization of islands: An example from the West Indies. *Anthropozoologica* **25–26**, 269–278 (1997).
597. H. E. Anthony, The indigenous land mammals of Porto Rico: Living and extinct. *Mem. Am. Mus. Nat. Hist* **2**, 331–435 (1918).
598. M. D. Dermitzakis, P. Y. Sondaar, The importance of fossil mammals in reconstruction paleogeography with special references to the Pleistocene Aegean Archipelago. *Ann. Geol. Pays Hell.* **46**, 808–840 (1978).
599. S. O'Connor, D. Bulbeck, P. J. Piper, F. Aziz, B. Marwick, F. Campos, J. Fenner, K. Aplin, S. Fakhri, T. Maloney, “The human occupation record of Gua Mo’o hono shelter, Towuti-Routa region of Southeastern Sulawesi” in *The Archaeology of Sulawesi: Current Research on the Pleistocene to the Historic Period*, S. O'Connor, D. Bulbeck, J. Meyer, Eds., vol. 48 of *Terra Australis* (ANU Press, 2018), , pp. 117–152.
600. F. S. Tieng, The Guar Kepah shell middens: Evidence and questions. *Adv. Southeast Asian Archaeol.* **12**, 114–129 (2013).
601. S. Tusa, G. di Maida, A. Pastoors, H. Piezonka, G.-C. Weniger, T. Terberger, The Grotta di Cala dei Genovesi–New studies on the Ice Age cave art on Sicily. *Praehist. Z.* **88**, 1–22 (2013). [doi:10.1515/pz-2013-0001](https://doi.org/10.1515/pz-2013-0001)
602. R. T. Melis, B. Ghaleb, R. Boldrini, M. R. Palombo, The Grotta dei Fiori, (Sardinia, Italy) stratigraphical successions: A key for inferring palaeoenvironment evolution and updating the biochronology of the Pleistocene mammalian fauna from Sardinia. *Quat. Int.* **288**, 81–96 (2013). [doi:10.1016/j.quaint.2012.04.032](https://doi.org/10.1016/j.quaint.2012.04.032)
603. G. G. Musser, The giant rat of Flores and its relatives east of Borneo and Bali. *Bull. Am. Mus. Nat. Hist.* **169**, 67–176 (1981).
604. P. M. Butler, The giant erinaceid insectivore, *Deinogalerix* Freudenthal, from the upper Miocene of Gargano, Italy. *Scr. Geol.* **57**, 1–72 (1980).
605. G.-Q. Qi, C.-K. Ho, C. Zhang, “The fossil suids from the Pleistocene in Taiwan” in *Evidence for Evolution - Essays in Honor of Prof. Chungchien Young on the Hundredth Anniversary of His Birth*, Y. Tong, Ed. (China Ocean Press, 1997), pp. 151–164.
606. D. A. Hooijer, The fossil Hippopotamidae of Asia with notes on the recent species. *Zool. Verh. Mus. Leiden* **8**, 1–124 (1950).
607. L. Salari, P. Agnelli, L. Calcagnile, J. Di Maita, R. Grasso, G. Quarta, C. Santoro, M. T. Spena, The fossil bat assemblages from the Grotta dei Pipistrelli in Pantalica (southeastern Sicily, Italy): Chronological and palaeoecological implications. *C. R. Palevol* **18**, 417–441 (2019). [doi:10.1016/j.crpv.2019.01.007](https://doi.org/10.1016/j.crpv.2019.01.007)
608. W. Suárez, The fossil avifauna of the tar seeps Las Breas de San Felipe, Matanzas, Cuba. *Zootaxa* **4780**, 1.1 (2020). [doi:10.11646/zootaxa.4780.1.1](https://doi.org/10.11646/zootaxa.4780.1.1) [Medline](#)
609. K. Van Damme, P. Benda, D. Van Damme, P. De Geest, I. Hajdas, The first vertebrate fossil from Socotra Island (Yemen) is an early Holocene Egyptian fruit bat. *J. Nat. Hist.* **52**, 2001–2024 (2018). [doi:10.1080/00222933.2018.1510996](https://doi.org/10.1080/00222933.2018.1510996)

610. A. Koizumi, The first record of the Plio-Pleistocene hypercarnivorous canid, *Canis (Xenocyon) falconeri* (Mammalia; Carnivora), from the Tama River, Akishima City, Western Tokyo, Japan. *Quat. Res.* **42**, 105–111 (2003). [doi:10.4116/jaqua.42.105](https://doi.org/10.4116/jaqua.42.105)
611. P. J. Piper, J. Ochoa, H. Lewis, V. Paz, W. P. Ronquillo, The first evidence for the past presence of the tiger *Panthera tigris* (L.) on the island of Palawan, Philippines: Extinction in an island population. *Palaeogeogr. Palaeoclimatol. Palaeoecol.* **264**, 123–127 (2008). [doi:10.1016/j.palaeo.2008.04.003](https://doi.org/10.1016/j.palaeo.2008.04.003)
612. N. Amano, thesis, University of the Philippines, Quezon City (2011).
613. S. B. Cooke, A. M. Mychajliw, J. Southon, R. D. E. MacPhee, The extinction of *Xenothrix mcgregori*, Jamaica's last monkey. *J. Mammal.* **98**, 937–949 (2017). [doi:10.1093/jmammal/gyw165](https://doi.org/10.1093/jmammal/gyw165)
614. G. S. Morgan, L. Wilkins, The extinct rodent *Clidomys* (Heptaxodontidae) from a late Quaternary cave deposit in Jamaica. *Caribb. J. Sci.* **39**, 34–41 (2003).
615. J. A. de Visser, thesis, University of Utrecht (2008).
616. P. Bellwood, G. Nitihaminoto, G. Kusnowihardjo, A. Waluyo, “The excavation of Gua Siti Nafisah, Kecamatan Weda, south-central Halmahera” in *The Spice Islands in Prehistory Archaeology in the Northern Moluccas, Indonesia*, P. Bellwood, Ed., vol. 50 of *Terra Australis* (ANU Press, 2019), pp. 61–66.
617. N. M. E. Fajari, V. P. R. Kusmartono, The excavation of Gua Payung, South Kalimantan, Indonesia. *J. Indo-Pac. Archaeol.* **33**, 20–23 (2013).
618. R. Rozzi, D. E. Winkler, J. De Vos, E. Schulz, M. R. Palombo, The enigmatic bovid *Duboisia santeng* (Dubois, 1891) from the Early–Middle Pleistocene of Java: A multiproxy approach to its paleoecology. *Palaeogeogr. Palaeoclimatol. Palaeoecol.* **377**, 73–85 (2013). [doi:10.1016/j.palaeo.2013.03.012](https://doi.org/10.1016/j.palaeo.2013.03.012)
619. D. F. Mayhew, The endemic Pleistocene murids of Crete I–II. *Proc. K. Ned. Akad. Wet.* **80**, 182–214 (1977).
620. J. de Vos, The endemic Pleistocene deer of Crete. *Proc. K. Ned. Akad. Van Wet. Afd. Natuurkunde Eerste Reeks Deel.* **31**, 1–100 (1984).
621. J. de Vos, The endemic Pleistocene deer of Crete. *Proc. K. Akad. Van Wet. B* **82**, 59–90 (1979).
622. M. R. Palombo, S. Ginesu, R. T. Melis, S. Sias, The endemic elephants from Sardinia: An unsolved problem. *Monogr. Soc. D'Història Nat. Balears* **12**, 245–254 (2005).
623. M. R. Palombo, R. Rozzi, P. Bover, The endemic bovids from Sardinia and the Balearic Islands: State of the art. *Geobios* **46**, 127–142 (2013). [doi:10.1016/j.geobios.2012.10.011](https://doi.org/10.1016/j.geobios.2012.10.011)
624. R. J. Rabett, P. J. Piper, The emergence of bone technologies at the end of the Pleistocene in Southeast Asia: Regional and evolutionary implications. *Camb. Archaeol. J.* **22**, 37–56 (2012). [doi:10.1017/S0959774312000030](https://doi.org/10.1017/S0959774312000030)
625. G. D. van den Bergh, U. P. Wibowo, E. Setiabudi, I. Kurniawan, M. Storey, I. Y. Suharyogi, M. R. Puspaningrum, “The Early Pleistocene terrestrial vertebrate faunal

sequence of Java, Indonesia,” *Abstracts of Papers 79th Annual Meeting* (Society of Vertebrate Paleontology, 2019), p. 210.

626. F. A. Fladerer, M. Fiore, The Early Pleistocene insular hare *Hypolagus peregrinus* sp. nov. from Northern Sicily. *Palaeontogr. Ital.* **89**, 37–63 (2003).
627. A. Kawamura, C.-H. Chang, Y. Kawamura, The earliest fossil record of the bandicoot rat (*Bandicota indica*) from the early Middle Pleistocene of Taiwan with discussion on the Quaternary history of the species. *Quat. Int.* **523**, 37–45 (2019).
[doi:10.1016/j.quaint.2019.06.012](https://doi.org/10.1016/j.quaint.2019.06.012)
628. M. P. Ferretti, The dwarf elephant *Palaeoloxodon mnaidriensis* from Puntali Cave, Carini (Sicily; late Middle Pleistocene): Anatomy, systematics and phylogenetic relationships. *Quat. Int.* **182**, 90–108 (2008). [doi:10.1016/j.quaint.2007.11.003](https://doi.org/10.1016/j.quaint.2007.11.003)
629. J. M. Pasveer, *The Djief Hunters, 26,000 Years of Rainforest Exploitation on the Bird's Head of Papua, Indonesia*, vol. 17 of *Modern Quaternary Research in Southeast Asia* (CRC Press, 2004).
630. S. Sartono, The discovery of a pygmy *Stegodon* from Sumba, East Indonesia: An announcement. *Mod. Quat. Res. Southeast Asia* **5**, 57–63 (1979).
631. G. S. Morgan, N. A. Albury, R. Rímoli, P. Lehman, A. L. Rosenberger, S. B. Cooke, The Cuban crocodile (*Crocodylus rhombifer*) from late Quaternary underwater cave deposits in the Dominican Republic. *Am. Mus. Novit.* **2018**, 1–56 (2018). [doi:10.1206/3916.1](https://doi.org/10.1206/3916.1)
632. P. Bover, A. Valenzuela, C. Guerra, J. Rofes, J. A. Alcover, J. Ginés, J. J. Fornós, G. Cuenca-Bescós, G. A. Merino, The Cova des Pas de Vallgornera (Llucmajor, Mallorca): A singular deposit bearing an exceptional well preserved Early Pleistocene vertebrate fauna. *Int. J. Speleol.* **43**, 175–192 (2014). [doi:10.5038/1827-806X.43.2.6](https://doi.org/10.5038/1827-806X.43.2.6)
633. L. Bonfiglio, A. C. Marra, F. Masini, The contribution of Quaternary vertebrates to palaeoenvironmental and palaeoclimatological reconstructions in Sicily. *Spec. Publ. Geol. Soc. Lond.* **181**, 171–184 (2000). [doi:10.1144/GSL.SP.2000.181.01.16](https://doi.org/10.1144/GSL.SP.2000.181.01.16)
634. L. Bonfiglio, G. Mangano, P. Pino, The contribution of mammal-bearing deposits to timing Late Pleistocene tectonics of Cape Tindari (North-Eastern Sicily). *Riv. Ital. Paleontol. Stratigr.* **116**, 103–118 (2010).
635. M. J. Berman, P. L. Gnivecki, The colonization of the Bahama archipelago: A reappraisal. *World Archaeol.* **26**, 421–441 (1995). [doi:10.1080/00438243.1995.9980285](https://doi.org/10.1080/00438243.1995.9980285)
636. K. Takahashi, Y. Soeda, M. Izuho, G. Yamada, M. Akamatsu, C.-H. Chang, The chronological record of the woolly mammoth (*Mammuths primigenius*) in Japan, and its temporary replacement by *Palaeoloxodon naumanni* during MIS 3 in Hokkaido (northern Japan). *Palaeogeogr. Palaeoclimatol. Palaeoecol.* **233**, 1–10 (2006).
[doi:10.1016/j.palaeo.2005.08.006](https://doi.org/10.1016/j.palaeo.2005.08.006)
637. K. Takahashi, M. Izuho, Y. Soeda, C.-H. Chang, The chronological record of the woolly mammoth (*Mammuthus primigenius*) in Japan, and its new findings. *J. Foss. Res.* **38**, 116–125 (2005).
638. A.-M. Moigne, R. D. Awe, F. Sémah, A.-M. Sémah, “The cervids from the Ngebung site (“Kabuh” series, Sangiran Dome, Central Java) and their biostratigraphical significance”

- in *Quaternary Research in Indonesia*, S. G. Keates, J. M. Pasveer, Eds., vol. 18 of *Modern Quaternary Research in Southeast Asia* (CRC Press, 2004), pp. 31–44.
639. J. L. McKean, The bats of Lord Howe Island with the description of a new nyctophiline Bat. *Aust. Mammal.* **1**, 329–332 (1975). [doi:10.1071/AM75003](https://doi.org/10.1071/AM75003)
640. J. A. Soto-Centeno, N. B. Simmons, D. W. Steadman, The bat community of Haiti and evidence for its long-term persistence at high elevations. *PLOS ONE* **12**, e0178066 (2017). [doi:10.1371/journal.pone.0178066](https://doi.org/10.1371/journal.pone.0178066) [Medline](#)
641. J. P. White, T. F. Flannery, R. O'Brien, R. V. Hancock, L. Pavlish, “The Balof shelters, New Ireland” (Dept. of Prehistory, Australian National Univ. Canberra, 1991), pp. 46–58.
642. C. Mourer-Chauvire, R. Bour, S. Ribes, F. Moutou, The avifauna of Réunion Island (Mascarene Islands) at the time of the arrival of the first Europeans. *Smithson. Contrib. Paleobiology* **89**, 1–38 (1999).
643. E. Hadjisterkotis, “The arrival of elephants on the island of Cyprus and their subsequent accumulation in fossil sites” in *Elephants: Ecology, Behavior and Conservation*, M. Aranovich, O. Dufresne, Eds. (Nova Science Publishers, Inc., 2012), pp. 49–75.
644. S. O'Connor, M. Spriggs, P. M. Veth, Eds., *The Archaeology of the Aru Islands, Eastern Indonesia*, vol. 22 of *Terra Australis* (ANU Press, 2005).
645. S. O'Connor, D. Bulbeck, J. Meyer, Eds., *The Archaeology of Sulawesi: Current Research on the Pleistocene to the Historic Period*, vol. 48 of *Terra Australis* (ANU Press, 2018).
646. A. S. Mijares, The archaeology of Peñablanca cave sites, northern Luzon, Philippines. *J. Austronesian Stud.* **1**, 65–93 (2005).
647. K. Szabo, E. Dizon, L. Batoon, J. Cameron, L. Lacsina, J. Ochoa, A. Penalosa, P. Piper, T. Vitales, The archaeology of Linaminan, central Palawan: A preliminary report on excavations. *Hukay* **11**, 1–84 (2007).
648. N. Gani, thesis, University Sains Malaysia (2010).
649. G. R. Summerhayes, J. H. Field, B. Shaw, D. Gaffney, The archaeology of forest exploitation and change in the tropics during the Pleistocene: The case of Northern Sahul (Pleistocene New Guinea). *Quat. Int.* **448**, 14–30 (2016). [doi:10.1016/j.quaint.2016.04.023](https://doi.org/10.1016/j.quaint.2016.04.023)
650. S. J. M. Davis, *The Archaeology of Animals* (Routledge, 1987).
651. J. Ochoa, V. Paz, H. Lewis, E. Al, The archaeology and palaeobiological record of Pasimbahan-Magsanib site, northern Palawan, Philippines. *Philipp. Sci. Lett.* **7**, 22–36 (2014).
652. F. Marra, C. Petronio, P. Ceruleo, G. Di Stefano, F. Florindo, M. Gatta, M. La Rosa, M. F. Rolfo, L. Salari, The archaeological ensemble from Campoverde (Agro Pontino, central Italy): New constraints on the Last Interglacial sea level markers. *Sci. Rep.* **8**, 17837 (2018). [doi:10.1038/s41598-018-36111-x](https://doi.org/10.1038/s41598-018-36111-x) [Medline](#)
653. K. M. Helgen, The amphibious murines of New Guinea (Rodentia, Muridae): The generic status of *Baiyankamys* and description of a new species of *Hydromys*. *Zootaxa* **913**, 1–20 (2005). [doi:10.11646/zootaxa.913.1.1](https://doi.org/10.11646/zootaxa.913.1.1)

654. L. J. C. van Es, *The Age of Pithecanthropus* (Martinus Nijhoff, s-Gravenhage, 1931).
655. M. Freudenthal, E. Martín-Suárez, The age of immigration of the vertebrate faunas found at Gargano (Apulia, Italy) and Scontrone (l'Aquila, Italy). *C. R. Palevol* **9**, 95–100 (2010). [doi:10.1016/j.crpv.2009.12.004](https://doi.org/10.1016/j.crpv.2009.12.004)
656. W. P. Ronquillo, R. Santiago, S. Asato, K. Tanaka, The 1992 archaeological reexcavation of the Balobok rockshelter, Sanga Sanga, Tawi Tawi province, Philippines: A preliminary report. *J. Hist. Inst.* **18**, 1–40 (1993).
657. Earl of Cranbrook, The “Everett collection from Borneo caves” in the Natural History Museum, London: Its origin, composition and potential for research. *J. Malays. Branch R. Asiat. Soc.* **86**, 79–112 (2013). [doi:10.1353/ras.2013.0008](https://doi.org/10.1353/ras.2013.0008)
658. S. K. Donovan, L. W. van den Hoek Ostende, Tetrapods of the Red Hills Road Cave, Jamaica (Late Pleistocene). *Cranium* **36**, 49–57 (2019).
659. A. S. Poteate, S. M. Fitzpatrick, Testing the efficacy and reliability of common zooarchaeological sampling strategies: A case study from the Caribbean. *J. Archaeol. Sci.* **40**, 3693–3705 (2013). [doi:10.1016/j.jas.2013.04.014](https://doi.org/10.1016/j.jas.2013.04.014)
660. K. Takahashi, “Terrestrial vertebrate fossils from the Kobiwako Group: their significance for the Plio-Pleistocene fauna of Japan” in *Lake Biwa: Interactions between Nature and People*, H. Kawanabe, M. Nishino, M. Maehata, Eds. (Springer, ed. 2, 2020), pp. 25–36.
661. K. Takahashi, Terrestrial vertebrate fossils from the Kobiwako Group - Their significance for the Pliocene-Pleistocene fauna of Japan. *J. Foss. Res.* **50**, 48–59 (2017).
662. K. Arifin, “Terminal Pleistocene and Early Holocene human occupation in the rainforests of East Kalimantan” in *New Perspectives in Southeast Asian and Pacific Prehistory*, P. J. Piper, H. Matsumura, D. Bulbeck, Eds., vol 45 of *Terra Australis* (ANU Press, 2017), pp. 97–124.
663. Y. Satoguchi, Y. Nagahashi, Tephrostratigraphy of the Pliocene to Middle Pleistocene series in Honshu and Kyushu islands, Japan. *Isl. Arc* **21**, 149–169 (2012). [doi:10.1111/j.1440-1738.2012.00816.x](https://doi.org/10.1111/j.1440-1738.2012.00816.x)
664. E. Pereira, M.-M. Ottaviani-Spella, M. Salotti, A. Louchart, Y. Quinif, Tentative de reconstitution paléoenvironnementale de deux dépôts quaternaires corses. *Geol. Belg.* **9**, 267–273 (2006).
665. H. E. Smith, G. J. Price, M. Duval, K. Westaway, J. Zaim, Y. Rizal, Aswan, M. R. Puspaningrum, A. Trihascaryo, M. Stewart, J. Louys, Taxonomy, taphonomy and chronology of the Pleistocene faunal assemblage at Ngalau Gupin cave, Sumatra. *Quat. Int.* **603**, 40–63 (2021). [doi:10.1016/j.quaint.2021.05.005](https://doi.org/10.1016/j.quaint.2021.05.005)
666. G. D. van den Bergh, F. Aziz, P. Y. Sondaar, S. T. Hussain, Taxonomy, stratigraphy and paleozoogeography of Plio-Pleistocene proboscidean from the Indonesian islands. *Bull. Geol. Res. Dev. Cent. Bdg. Paleont* **7**, 28–58 (1992).
667. S. T. Turvey, M. Weksler, E. L. Morris, M. Norkert, Taxonomy, phylogeny, and diversity of the extinct Lesser Antillean rice rats (Sigmodontinae: Oryzomyini), with description of a new genus and species. *Zool. J. Linn. Soc.* **160**, 748–772 (2010). [doi:10.1111/j.1096-3642.2009.00628.x](https://doi.org/10.1111/j.1096-3642.2009.00628.x)

668. S. Stuenes, Taxonomy, habits, and relationships of the subfossil Madagascan hippopotami *Hippopotamus lemerlei* and *H. madagascariensis*. *J. Vertebr. Paleontol.* **9**, 241–268 (1989). [doi:10.1080/02724634.1989.10011761](https://doi.org/10.1080/02724634.1989.10011761)
669. J. Hansford, J. M. Nuñez-Miño, R. P. Young, S. Brace, J. L. Brocca, S. T. Turvey, Taxonomy-testing and the ‘Goldilocks Hypothesis’: Morphometric analysis of species diversity in living and extinct Hispaniolan hutias. *Syst. Biodivers.* **10**, 491–507 (2012). [doi:10.1080/14772000.2012.748697](https://doi.org/10.1080/14772000.2012.748697)
670. H. S. Hardjasmita, Taxonomy and phylogeny of the Suidae (Mammalia) in Indonesia. *Scr. Geol.* **85**, 1–68 (1987).
671. W. Suárez, Taxonomic status of the Cuban vampire bat (Chiroptera: Phyllostomidae: Desmodontinae: *Desmodus*). *Caribb. J. Sci.* **41**, 761–767 (2005).
672. F. Balseiro, C. A. Mancina, J. A. Guerrero, Taxonomic status of *Artibeus anthonyi* (Chiroptera: Phyllostomidae), a fossil bat from Cuba. *J. Mammal.* **90**, 1487–1494 (2009). [doi:10.1644/08-MAMM-A-372R1.1](https://doi.org/10.1644/08-MAMM-A-372R1.1)
673. T. H. Worthy, R. N. Holdaway, Taphonomy of two Holocene microvertebrate deposits, Takaka Hill, Nelson, New Zealand, and identification of the avian predator responsible. *Hist. Biol.* **12**, 1–24 (1996). [doi:10.1080/08912969609386551](https://doi.org/10.1080/08912969609386551)
674. L. Bonfiglio, Taphonomy and depositional setting of Pleistocene mammal-bearing deposits from Acquadolci (North-Eastern Sicily). *Geobios* **28**, 57–68 (1995). [doi:10.1016/S0016-6995\(95\)80153-7](https://doi.org/10.1016/S0016-6995(95)80153-7)
675. T. Ingicco, M. C. Reyes, J. de Vos, M. Belarmino, P. C. H. Albers, I. Lipardo, X. Gallet, N. Amano, G. D. van den Bergh, A. D. Cosalan, A. Bautista, Taphonomy and chronosequence of the 709 ka Kalinga site formation (Luzon Island, Philippines). *Sci. Rep.* **10**, 11081 (2020). [doi:10.1038/s41598-020-68066-3](https://doi.org/10.1038/s41598-020-68066-3) [Medline](#)
676. A. Filippidi, E. T. Stathopoulou, G. Theodorou, Taphonomical observations on the pygmy hippopotamus site in Aghia Napa, Cyprus. *Delt. Ell. Geol. Etair.* **47**, 122–135 (2013). [doi:10.12681/bgsg.10910](https://doi.org/10.12681/bgsg.10910)
677. R. Rojas Consuegra, O. Jiménez Vázquez, M. Condis Fernández, S. Díaz Franco, Tafonomía y paleoecología de un yacimiento paleontológico del Cuaternario en la cueva del Indio, La Habana, Cuba. *Espelunca Digit.* **12**, 1–15 (2012).
678. C. Arredondo Antunez, R. Villavicencio Finalet, Tafonomía del depósito arqueológico Solapa del Megalocnus en el noroeste de Villa Clara, Cuba. *Rev. Biol.* **18**, 160–171 (2004).
679. J. P. Hume, Systematics, morphology, and ecology of pigeons and doves (Aves: Columbidae) of the Mascarene Islands, with three new species. *Zootaxa* **3124**, 1–62 (2011). [doi:10.11646/zootaxa.3124.1.1](https://doi.org/10.11646/zootaxa.3124.1.1)
680. A. Tejedor, Systematics of funnel-eared bats (Chiroptera, Natalidae). *Bull. Am. Mus. Nat. Hist.* **353**, 1–140 (2011). [doi:10.1206/636.1](https://doi.org/10.1206/636.1)
681. M. Basantes, N. Tinoco, P. M. Velazco, M. J. Hofmann, M. E. Rodríguez-Posada, M. A. Camacho, Systematics and Taxonomy of *Tonatia saurophila* Koopman & Williams, 1951

- (Chiroptera, Phyllostomidae). *ZooKeys* **915**, 59–86 (2020).
[doi:10.3897/zookeys.915.46995](https://doi.org/10.3897/zookeys.915.46995) [Medline](#)
682. J. Mahe, M. Sourdat, Sur l’extinction des Vertebres subfossiles et l’aridification du climat dans le Sud-Ouest de Madagascar; description des gisements, Datations absolues. *Bull. Soc. Geol. Fr.* **7-XIV**, 295–309 (1972). [doi:10.2113/gssgfbull.S7-XIV.1-5.295](https://doi.org/10.2113/gssgfbull.S7-XIV.1-5.295)
683. M. Crusafont, B. Angel, J. Cuerda, Supervivencia de *Myotragus* en el Neolítico de las Baleares. *Pub. Cat. Paleont. Univ. Barc.* **5**, 1–6 (1965).
684. W. Peterson, Summary report of two archaeological sites from North-Eastern Luzon. *Archaeol. Phys. Anthropol. Ocean.* **9**, 26–35 (1974).
685. N. Amano, A.-M. Moigne, T. Ingicco, F. Sémah, R. D. Awe, T. Simanjuntak, Subsistence strategies and environment in Late Pleistocene–Early Holocene Eastern Java: Evidence from Brahlo Cave. *Quat. Int.* **416**, 46–63 (2016). [doi:10.1016/j.quaint.2015.09.072](https://doi.org/10.1016/j.quaint.2015.09.072)
686. S. Grouard, Subsistance et mode de vie des premiers habitants de Guadeloupe (500 av. – 1500 ap. J.-C.). *Préhistoires Méditerranéennes* **10–11**, 191–213 (2002).
[doi:10.4000/pm.294](https://doi.org/10.4000/pm.294)
687. L. R. Godfrey, W. L. Jungers, D. A. Burney, “Subfossil Lemurs of Madagascar” in *Cenozoic Mammals of Africa*, L. Werdelin, Ed. (Univ. of California Press, 2010), pp. 351–368.
688. D. A. Burney, H. Andriamialison, R. A. Andrianaivoarivelo, S. Bourne, B. E. Crowley, E. J. de Boer, L. R. Godfrey, S. M. Goodman, C. Griffiths, O. Griffiths, J. P. Hume, W. G. Joyce, W. L. Jungers, S. Marciniak, G. J. Middleton, K. M. Muldoon, E. Noromalala, V. R. Pérez, G. H. Perry, R. Randalana, H. T. Wright, Subfossil lemur discoveries from the Beanka Protected Area in western Madagascar. *Quat. Res.* **93**, 187–203 (2019).
[doi:10.1017/qua.2019.54](https://doi.org/10.1017/qua.2019.54)
689. J. R. Choate, E. C. Birney, Sub-recent Insectivora and Chiroptera from Puerto Rico, with the description of a new bat of the genus *Stenoderma*. *J. Mammal.* **49**, 400–412 (1968).
[doi:10.2307/1378198](https://doi.org/10.2307/1378198)
690. M. A. Mannino, K. D. Thomas, Studio preliminare del campione faunistico della Grotta Schiacciata a Levanzo (Trapani). *Atti 5° Convegno Naz. Archeozoologia Rovereto* **2006**, 97–99 (2010).
691. B. E. Crowley, L. R. Godfrey, Strontium isotopes support small home ranges for extinct lemurs. *Front. Ecol. Evol.* **7**, 490 (2019). [doi:10.3389/fevo.2019.00490](https://doi.org/10.3389/fevo.2019.00490)
692. R. E. Dewar, C. Radimilahy, H. T. Wright, Z. Jacobs, G. O. Kelly, F. Berna, Stone tools and foraging in northern Madagascar challenge Holocene extinction models. *Proc. Natl. Acad. Sci. U.S.A.* **110**, 12583–12588 (2013). [doi:10.1073/pnas.1306100110](https://doi.org/10.1073/pnas.1306100110) [Medline](#)
693. L. Rivera, E. Baraza, J. A. Alcover, P. Bover, C. M. Rovira, J. Bartolomé, Stomatal density and stomatal index of fossil *Buxus* from coprolites of extinct *Myotragus balearicus* Bate (Artiodactyla, Caprinae) as evidence of increased CO₂ concentration during the late Holocene. *Holocene* **24**, 876–880 (2014). [doi:10.1177/0959683614530445](https://doi.org/10.1177/0959683614530445)
694. R. Daams, M. Freudenthal, *Stertormys laticrestatus*, a new glirid (dormice, Rodentia) from the insular fauna of Gargano (Prov. of Foggia, Italy). *Scr. Geol.* **77**, 21–27 (1985).

695. L. A. Símónarson, J. Eiríksson, Steingervingar og setlög á Íslandi. *Natturufraedingurinn* **82**, 13–25 (2012).
696. Y. Koda, T. Suzuki, A. Tomita, Y. Hasegawa, *Stegolophodon* teeth from the Miocene in Sendai City, Miyagi Prefecture, Japan. *Bull. Ibaraki Nat. Mus.* **1**, 3–8 (1998).
697. H. Taru, *Stegodon aurorae*: A fossil elephant endemic to the Japanese Islands. *Fossils* **73**, 57–60 (2003).
698. Y. Chinique de Armas, W. M. Buhay, R. Rodríguez Suárez, S. Bestel, D. Smith, S. D. Mowat, M. Roksandic, Starch analysis and isotopic evidence of consumption of cultigens among fisher–gatherers in Cuba: The archaeological site of Canímar Abajo, Matanzas. *J. Archaeol. Sci.* **58**, 121–132 (2015). [doi:10.1016/j.jas.2015.03.003](https://doi.org/10.1016/j.jas.2015.03.003)
699. G. A. Goodfriend, M. Magaritz, J. R. Gat, Stable isotope composition of land snail body water and its relation to environmental waters and shell carbonate. *Geochim. Cosmochim. Acta* **53**, 3215–3221 (1989). [doi:10.1016/0016-7037\(89\)90102-6](https://doi.org/10.1016/0016-7037(89)90102-6)
700. O. Wedage, N. Amano, M. C. Langley, K. Douka, J. Blinkhorn, A. Crowther, S. Deraniyagala, N. Kourampas, I. Simpson, N. Perera, A. Picin, N. Boivin, M. Petraglia, P. Roberts, Specialized rainforest hunting by *Homo sapiens* ~45,000 years ago. *Nat. Commun.* **10**, 739 (2019). [doi:10.1038/s41467-019-08623-1](https://doi.org/10.1038/s41467-019-08623-1) [Medline](#)
701. J. I. Menzies, C. Ballard, Some new records of Pleistocene megafauna from New Guinea. *Sci. New Guinea* **20**, 113–139 (1994).
702. S. J. M. Davis, “Some More Animal Remains from the Aceramic Neolithic of Cyprus” in *Fouilles recentes a Khirokitia (Chypre) 1983-1986* (Paris, ADPF, Editions Recherche sur les Civilisations, 1989), pp. 189–221.
703. Z. Majid, J. Ignatius, H. D. Tjia, P. Koon, Some interesting Late Pleistocene–Early Holocene finds from excavations in Balambangan Island, Sabah, Malaysia. *Sabah Soc. J.* **15**, 29–40 (1998).
704. Y. Kaneko, Y. Hasegawa, Some fossil arvicolid rodents from the Pinza-Abu cave, Miyako island, the Ryukyu islands, Japan. *Nihon Seibutsu Chiri Gakkai Kaiho* **50**, 23–37 (1995).
705. V. Collazo, A. González-Ramón, L. Molerio-Leon, León, O. Chavez, M. Martínez, Sobre la espeleogénesis de las cavidades de Boca de Jaruco. Mayabeque-Cuba. Primeros resultados de las campañas de 2019-2020 Remarks on the speleogenesis of the Boca de Jaruco caves. Mayabeque-Cuba. Results of the 2019-2020 field works. *SEDECK* **16**, 6–15 (2021).
706. J. Cuerda, J. Sacarés, Sobre la edad de las brechas con *Myotragus* de Porto Colom y su relación con las playas cuaternarias tirrenienses. *Boll. Soc. Hist. Nat. Balears* **8**, 80–81 (1962).
707. J. Cuerda, Sobre la edad de algunos yacimientos pleistocénicos de Baleares con *Myotragus*. *Bol. Soc. Hist. Nat. Las Balear.* **12**, 29–34 (1966).
708. J. F. Villalta, M. Crusafont, Sobre el Pleistoceno de las Baleares y sus nuevos yacimientos de mamíferos. *Est Geol* **6**, 69–77 (1946).

709. P. Arnau, P. Bover, B. Seguí, J. A. Alcover, Sobre alguns jaciments de *Myotragus balearicus* Bate 1909 (Artiodactyla, Caprinae) de tafonomia infreqüent. *Endins* **23**, 89–100 (2000).
710. Smithsonian Institution, National Museum of Natural History, Division of Mammals Collections Database (2022); <https://collections.nmnh.si.edu/search/mammals/>.
711. C. Castillo, E. Martín-González, J. J. Coello, Small vertebrate taphonomy of La Cueva del Llano, a volcanic cave on Fuerteventura (Canary Islands, Spain). Palaeoecological implications. *Palaeogeogr. Palaeoclimatol. Palaeoecol.* **166**, 277–291 (2001). [doi:10.1016/S0031-0182\(00\)00213-3](https://doi.org/10.1016/S0031-0182(00)00213-3)
712. Y. Nishioka, R. Nakagawa, S. Nunami, S. Hirasawa, Small mammalian remains from the late Holocene deposits on Ishigaki and Yonaguni Islands, southwestern Japan. *Zool. Stud.* **55**, e5 (2016). [Medline](#)
713. J.-D. Vigne, H. Valladas, Small mammal fossil assemblages as indicators of environmental change in northern Corsica during the last 2500 years. *J. Archaeol. Sci.* **23**, 199–215 (1996). [doi:10.1006/jasc.1996.0018](https://doi.org/10.1006/jasc.1996.0018)
714. J. Orihuela, Skull variation of the vampire bat *Desmodus rotundus* (Chiroptera: Phyllostomidae): Taxonomic implications for the Cuban fossil vampire bat *Desmodus puntajudensis*. *Chiropt. Neotropical* **17**, 963–976 (2011).
715. S. Konishi, Skeletal restration of *Stegodon aurorae* (Proboscidea, Mammalia) and its feature: Case study in the Taga specimen. *Earth Sci. (Paris)* **54**, 268–278 (2000).
716. S. Grouard, S. Perdikaris, N. E. Espindola Rodrigues, I. R. Quitmyer, Size estimation of pre-Columbian Caribbean fish. *Int. J. Osteoarchaeol.* **29**, 452–468 (2019). [doi:10.1002/oa.2782](https://doi.org/10.1002/oa.2782)
717. S. Díaz-Franco, Situación Taxonómica de *Geocapromys megas* (Rodentia: Capromyidae). *Caribb. J. Sci.* **37**, 72–80 (2001).
718. M. M. Condis Fernández, O. Jiménez, F. M. Balseiro Morales, Sitios arqueológicos y paleontológicos contentivos de mamíferos de Cuba (Terciario y Cuaternario), Instituto de Ecología y Sistemática (2009); <https://repositorio.geotech.cu/jspui/handle/1234/1312>.
719. J. P. Hansford, A. M. Lister, E. M. Weston, S. T. Turvey, Simultaneous extinction of Madagascar's megaherbivores correlates with late Holocene human-caused landscape transformation. *Quat. Sci. Rev.* **263**, 106996 (2021). [doi:10.1016/j.quascirev.2021.106996](https://doi.org/10.1016/j.quascirev.2021.106996)
720. S. Sherani, Short notes on a second tiger (*Panthera tigris*) from Late Pleistocene Borneo. *Hist. Biol.* **33**, 463–467 (2021). [doi:10.1080/08912963.2019.1625348](https://doi.org/10.1080/08912963.2019.1625348)
721. J. M. Erlandson, T. C. Rick, A. F. Ainis, K. M. Gill, N. P. Jew, L. A. Reeder-Myers, Shellfish, geophytes, and sedentism on Early Holocene Santa Rosa Island, Alta California, USA. *J. Island Coast. Archaeol.* **15**, 504–524 (2020). [doi:10.1080/15564894.2019.1579272](https://doi.org/10.1080/15564894.2019.1579272)
722. M. Pelletier, E. Stoetzel, D. Cochard, A. Lenoble, Sexual dimorphism in the pelvis of Antillean fruit-eating bat (*Brachyphylla cavernarum*) and its application to a fossil accumulation from the Lesser Antilles. *Geobios* **50**, 311–318 (2017). [doi:10.1016/j.geobios.2017.06.001](https://doi.org/10.1016/j.geobios.2017.06.001)

723. R. E. Gualtieri, thesis, Florida Atlantic University (2014).
724. J. B. Havisier, “Settlement Strategies in the Early Ceramic Age” in *The Indigenous People of the Caribbean* (Univ. Press of Florida, Gainesville, 1997), pp. 59–69.
725. J. A. de Visser, G. D. van den Bergh, Sedimentology and stratigraphy of Corbeddu Cave (Eastern Sardinia). *Deinsea* **7**, 121–132 (1999).
726. T. Kotsakis, J. Melentis, C. Petronio, G. Sirna, Seconda spedizione paleontologica Lincea nell’isola di Creta. *Probl. Attuali Sci. Cult.* **223**, 3–10 (1976).
727. T. H. Worthy, R. N. Holdaway, Scraps from an owl’s table — Predator activity as a significant taphonomic process newly recognised from New Zealand Quaternary deposits. *Alcheringa* **18**, 229–245 (1994). [doi:10.1080/03115519408619497](https://doi.org/10.1080/03115519408619497)
728. Earl of Cranbrook, P. J. Piper, “Sarawak through the ice ages to present time: environmental change and human impacts on the past and present distribution of mammals,” *Proceedings of the Regional Conference of Biodiversity Conservation in Tropical Planted Forests in Southeast Asia* (Forest Department, Sarawak Forestry Corporation, Grand Perfec Sdn Bhd., Kuching, 2007), pp. 75–92.
729. M. D. Hardy, thesis, Florida State University (2008).
730. F. Casagrande, M. Hildebrand, N. Serrand, S. Grouard, Sainte-Rose–La Ramée. Fouille préventive (2007). *ADLFI Archéologie Fr.-Inf. Une Rev. Gall.*, 1–7 (2007).
731. C. L. Hofman, M. L. P. Hoogland, *Saba’s First Inhabitants: A Story of 3300 Years of Amerindian Occupation prior to European Contact (1800 BC-AD 1492)* (Sidestone Press, 2016).
732. M. Freudenthal, Rodent stratigraphy of some Miocene fissure fillings in Gargano (prov. Foggia, Italy). *Scr. Geol.* **37**, 1–23 (1976).
733. K. E. Samonds, S. N. Parent, K. M. Muldoon, E. Crowley, L. R. Godfrey, Rock matrix surrounding subfossil lemur skull yields diverse collection of mammalian subfossils: Implications for reconstructing Madagascar’s paleoenvironments. *Malagasy Nat.* **4**, 1–16 (2010).
734. G. Insacco, Rinvenimento e recupero dei fossili di vertebrati pleistocenici nel Plateau Ibleo. *Speleol. Iblea* **8**, 111–114 (2000).
735. W. A. Laurie, E. M. Lang, C. P. Groves, Rhinoceros unicornis. *Mamm. Species* **211**, 1–6 (1983). [doi:10.2307/3504002](https://doi.org/10.2307/3504002)
736. K.-J. Chung, Rhinoceros fossils from western Hengchun Hills, Southern Taiwan. *Acta Geol Taiwan* **24**, 263–279 (1986).
737. B. E. Crowley, Y. Yanes, S. G. Mosher, J. C. Rando, Revisiting the foraging ecology and extinction history of two endemic vertebrates from Tenerife, Canary Islands. *Quaternary* **2**, 10 (2019). [doi:10.3390/quat2010010](https://doi.org/10.3390/quat2010010)
738. D. Ramis, J. A. Alcover, “Revisiting the earliest human presence in Mallorca, Western Mediterranean” in *Proceedings of the Prehistoric Society* (Cambridge Univ. Press, 2001), vol. 67, pp. 261–269.
739. F. Fanfani, thesis, University of Modena and Reggio Emilia (1999).

740. E. Gliozzi, A. Malatesta, E. Scalone, Revision of *Cervus elaphus siciliae*, Pohlig 1893, Late Pleistocene endemic deer of the siculo-maltese district. *Geol. Rom.* **29**, 307–354 (1993).
741. T. Sutikna, M. W. Tocheri, M. J. Morwood, E. W. Saptomo, R. D. Jatmiko, R. D. Awe, S. Wasisto, K. E. Westaway, M. Aubert, B. Li, J. X. Zhao, M. Storey, B. V. Alloway, M. W. Morley, H. J. M. Meijer, G. D. van den Bergh, R. Grün, A. Dosseto, A. Brumm, W. L. Jungers, R. G. Roberts, Revised stratigraphy and chronology for Homo floresiensis at Liang Bua in Indonesia. *Nature* **532**, 366–369 (2016). [doi:10.1038/nature17179](https://doi.org/10.1038/nature17179) [Medline](#)
742. S. K. Donovan, E. Baalbergen, M. Ouwendijk, C. R. C. Paul, L. W. van den Hoek Ostende, Review and prospectus of the Late Pleistocene fauna of the Red Hills Road Cave, Jamaica. *Cave Karst Sci.* **40**, 79–86 (2013).
743. A. L. Rosenberger, Z. S. Klukkert, S. B. Cooke, R. Rímoli, Rethinking Antillothrix: The mandible and its implications. *Am. J. Primatol.* **75**, 825–836 (2013). [doi:10.1002/ajp.22144](https://doi.org/10.1002/ajp.22144) [Medline](#)
744. D. Gommery, F. Sénagás, P. Mein, S. Tombomiadana, B. Ramanivosoa, J. Cauvin, C. Cauvin, Résultats préliminaires des sites subfossiles d’Antsingiavo (Madagascar). *C. R. Palevol* **2**, 639–648 (2003). [doi:10.1016/j.crpv.2003.08.001](https://doi.org/10.1016/j.crpv.2003.08.001)
745. J. Pons-Moyà, L. Roca, Restos de grulla fósil en el Avenc de Na Corna (Artá). *Endins* **1**, 17–19 (1974).
746. T. Denham, M. J. Mountain, Resolving some chronological problems at Nombe rock shelter in the highlands of Papua New Guinea. *Archaeol. Ocean.* **51**, 73–83 (2016). [doi:10.1002/arco.5114](https://doi.org/10.1002/arco.5114)
747. M. Paterne, N. Feuillet, G. Cabioch, E. Cortijo, D. Blamart, J. Weill-Accardo, L. Bonneau, C. Colin, E. Douville, E. Pons-Branchu, Reservoir ages in the western tropical North Atlantic from one coral off Martinique island (Lesser Antilles). *Radiocarbon* **60**, 639–652 (2018). [doi:10.1017/RDC.2017.118](https://doi.org/10.1017/RDC.2017.118)
748. R. D. E. MacPhee, C. Flemming, “Requiem Æternam” in *Extinctions in Near Time*, Ross D. E. MacPhee, Ed., vol. 2 of *Advances in Vertebrate Paleobiology* (Springer, 1999), pp. 333–371.
749. O. A. Peterson, Report upon the fossil material collected in 1913 by the Messrs. Link in a cave in the Isle of Pines. *Ann. Carnegie Mus.* **11**, 359–361 (1917). [doi:10.5962/p.330978](https://doi.org/10.5962/p.330978)
750. A. H. Everett, J. Evans, G. Busk, Report on the exploration of the caves of Borneo. *J. Straits Branch R. Asiat. Soc.* **6**, 273–287 (1880).
751. J. Jernvall, P. C. Wright, F. L. Ravoavy, E. L. Simons, Report on findings of subfossils at Ampoza and Ampanihy in Southwestern Madagascar. *Lemur News* **8**, 21–23 (2003).
752. J. Orihuela, A. Tejedor, Report of Peter’s ghost faced bat *Mormoops megalophylla* fossils from the island of Barbuda, Lesser Antilles. *Chiropt. Neotropical* **21**, 1338–1341 (2015).
753. D. A. McFarlane, J. Lundberg, “Reliquiae diluvianae alter: Last interglacial flood deposits in the caves of the West Indies” in *Studies of Cave Sediments*, I. D. Sasowsky, J. Mylroie, Eds. (Springer Netherlands, 2007, pp. 313–322.

754. N. E. Dokuchaev, N. Kohno, S. D. Ohdachi, Reexamination of fossil shrews (*Sorex* spp.) from the Middle Pleistocene of Honshu Island, Japan. *Mammal Study* **35**, 157–168 (2010). [doi:10.3106/041.035.0302](https://doi.org/10.3106/041.035.0302)
755. M. F. Napolitano, R. J. DiNapoli, J. H. Stone, M. J. Levin, N. P. Jew, B. G. Lane, J. T. O'Connor, S. M. Fitzpatrick, Reevaluating human colonization of the Caribbean using chronometric hygiene and Bayesian modeling. *Sci. Adv.* **5**, eaar7806 (2019). [doi:10.1126/sciadv.aar7806](https://doi.org/10.1126/sciadv.aar7806) [Medline](#)
756. P. Storm, J. de Vos, Rediscovery of the Late Pleistocene Punung hominin sites and the discovery of a new site Gunung Dawung in East Java. *Senckenberg. Lethaea* **86**, 271–281 (2006). [doi:10.1007/BF03043494](https://doi.org/10.1007/BF03043494)
757. R. C. Dowler, D. S. Carroll, C. W. Edwards, Rediscovery of rodents (Genus *Nesoryzomys*) considered extinct in the Galápagos Islands. *Oryx* **34**, 109–117 (2000). [doi:10.1046/j.1365-3008.2000.00104.x](https://doi.org/10.1046/j.1365-3008.2000.00104.x)
758. C. Flemming, R. D. E. MacPhee, Redetermination of holotype of *Isolobodon portoricensis* (Rodentia, Capromyidae), with notes on recent mammalian extinctions in Puerto Rico. *Am. Mus. Novit.* **3278**, 1–11 (1999).
759. C. Arredondo Antunez, Redescrípción de *Neomesocnus brevirostris* Arredondo, 1961, y variaciones morfológicas de la mandíbula en *Megalocnus* y *Miocnus* (Edentata: Megalonychidae) del cuaternario de Cuba. *Poeyana* **476–480**, 1–8 (2000).
760. B. J. Gill, Records of bats (Mammalia: Chiroptera) from late Holocene dune-sands at Te Werahi Beach, Northland, New Zealand. *Rec. Auckl. Mus.* **39**, 45–47 (2002).
761. A. P. Bautista, Recent zooarchaeological researches in the Philippines. *J. Arkeol. Malays.* **4**, 45–58 (1991).
762. Á. M. Nieves-Rivera, J. P. Zagarra Vila, C. E. Figuerola Hernández, J. E. García-Hernández, N. V. Schizas, Recent and historical explorations of the underwater section of Cueva del Agua, Punta Los Ingleses, Mona Island (Puerto Rico), with a new faunal record. *Life Excit. Biol.* **8**, 4–22 (2020). [doi:10.9784/LEB8\(1\)NievesRivera.01](https://doi.org/10.9784/LEB8(1)NievesRivera.01)
763. N. Handa, L. Pandolfi, Reassessment of the Middle Pleistocene Japanese rhinoceroses (Mammalia, Rhinocerotidae) and paleobiogeographic implications. *Paleontol. Res.* **20**, 247–260 (2016). [doi:10.2517/2015PR034](https://doi.org/10.2517/2015PR034)
764. T. D. Nishimura, M. Takai, B. Senut, H. Taru, E. N. Maschenko, A. Prieur, Reassessment of *Dolichopithecus* (*Kanagawapithecus*) *leptopostorbitalis*, a colobine monkey from the Late Pliocene of Japan. *J. Hum. Evol.* **62**, 548–561 (2012). [doi:10.1016/j.jhevol.2012.02.006](https://doi.org/10.1016/j.jhevol.2012.02.006) [Medline](#)
765. N. Handa, Reassessment of a Pleistocene rhinocerotid (Mammalia, Perissodactyla) from Aira, Kagoshima, southwestern Japan. *Paleontol. Res.* **23**, 55–64 (2019). [doi:10.2517/2018PR009](https://doi.org/10.2517/2018PR009)
766. J. C. Rando, J. A. Alcover, B. Galván, J. F. Navarro, Reappraisal of the extinction of *Canariomys bravoii*, the giant rat from Tenerife (Canary Islands). *Quat. Sci. Rev.* **94**, 22–27 (2014). [doi:10.1016/j.quascirev.2014.04.013](https://doi.org/10.1016/j.quascirev.2014.04.013)

767. T. Murakami, T. Tsubamoto, Reappraisal of a rhinocerotid lunar from the Pliocene Ueno Formation of the Kobiwako Group, central Japan. *J. Foss. Res.* **51**, 15–22 (2018).
768. M. Asahara, C.-H. Chang, J. Kimura, N. T. Son, M. Takai, Re-examination of the fossil raccoon dog (*Nyctereutes procyonoides*) from the Penghu channel, Taiwan, and an age estimation of the Penghu fauna. *Anthropol. Sci.* **123**, 177–184 (2015).
[doi:10.1537/ase.150710](https://doi.org/10.1537/ase.150710)
769. R. Woods, S. T. Turvey, S. Brace, C. V. McCabe, L. Dalén, E. J. Rayfield, M. J. F. Brown, I. Barnes, Rapid size change associated with intra-island evolutionary radiation in extinct Caribbean “island-shrews”. *BMC Evol. Biol.* **20**, 106 (2020). [doi:10.1186/s12862-020-01668-7](https://doi.org/10.1186/s12862-020-01668-7) [Medline](#)
770. A. J. T. Jull, M. Iturralde-Vinent, J. M. O’malley, R. D. E. MacPhee, H. G. McDonald, P. S. Martin, J. Moody, A. Rincón, Radiocarbon dating of extinct fauna in the Americas recovered from tar pits. *Nucl. Instrum. Methods Phys. Res. B* **223–224**, 668–671 (2004).
[doi:10.1016/j.nimb.2004.04.123](https://doi.org/10.1016/j.nimb.2004.04.123)
771. G. Di Maida, M. A. Mannino, B. Krause-Kyora, T. Z. T. Jensen, S. Talamo, Radiocarbon dating and isotope analysis on the purported Aurignacian skeletal remains from Fontana Nuova (Ragusa, Italy). *PLOS ONE* **14**, e0213173 (2019).
[doi:10.1371/journal.pone.0213173](https://doi.org/10.1371/journal.pone.0213173) [Medline](#)
772. Y. Facorellis, Y. Maniatis, “Radiocarbon dates from the Neolithic settlement of Knossos: an overview” in *The Neolithic Settlement of Knossos in Crete. New Evidence for the Early Occupation of Crete and the Aegean Islands*, N. Efstratiou, A. Karetsoy, M. Ntinou, Eds., vol. 42 of *Prehistory Monographs* (INSTAP Academic Press, 2013), pp. 193–200.
773. V. Benzi, L. Abbazzi, P. Bartolomei, M. Esposito, C. Fassò, O. Fonzo, R. Giampieri, F. Murgia, J.-L. Reyss, Radiocarbon and U-series dating of the endemic deer *Praemegaceros cazioti* (Depéret) from “Grotta Juntu”, Sardinia. *J. Archaeol. Sci.* **34**, 790–794 (2007). [doi:10.1016/j.jas.2006.09.001](https://doi.org/10.1016/j.jas.2006.09.001)
774. M. Roksandic, W. M. Buhay, Y. Chinique de Armas, R. Rodríguez Suárez, M. Peros, I. Roksandic, S. Mowat, L. M. Viera, C. Arredondo Antunez, A. Martínez Fuentes, D. Gray Smith, Radiocarbon and stratigraphic chronology of Canímar Abajo, Matanzas, Cuba. *Radiocarbon* **57**, 755–763 (2015). [doi:10.2458/azu_rc.57.18313](https://doi.org/10.2458/azu_rc.57.18313)
775. Y. Hasegawa, Y. Tomida, N. Kohno, K. Ono, H. Nokariya, U. T. Quaternary vertebrates from Shiriya Area, Shimokita Peninsula, Northeastern Japan. *Mem. Natl. Mus. Nat. Sci.* **21**, 17–36 (1988).
776. Y. Kawamura, Quaternary rodent faunas in the Japanese Islands (Part 1). *Mem. Fac. Sci. Kyoto Univ.* **53**, 31–348 (1988).
777. P. A. Sondaar, G. J. Boekschoten, Quaternary mammals in the south Aegean Islands Arc, I & II. *Proc. Ibn. Ned. Akad. Wetensch. Amst.* **70**, 556–576 (1967).
778. Y. Kawamura, Quaternary mammalian faunas in the Japanese islands. *Quat. Res.* **30**, 213–220 (1991). [doi:10.4116/jaqua.30.213](https://doi.org/10.4116/jaqua.30.213)
779. R. D. E. MacPhee, Quaternary mammal localities and heptaxodontid rodents of Jamaica. *Am. Mus. Novit.* **2803**, 1–34 (1984).

780. D. Zoboli, G. L. Pillola, Quaternary mammal fauna from “Surconis”, Bolotana (Sardinia, Italy). *Boll. Soc. Paleontol. Ital.* **55**, 193–203 (2016).
781. D. A. Hooijer, Quaternary langurs and macaques from the Malay Archipelago. *Verh. Mus. Leiden* **55**, 1–64 (1962).
782. G. S. Morgan, “Quaternary land vertebrates of Jamaica” in *Biostratigraphy of Jamaica*, vol. 182 of *Memoir of the Geological Society of America* (Geological Society of America, 1993), pp. 417–442.
783. N. Watanabe, D. Kadar, Eds., Quaternary geology of the hominid fossil bearing formations in Java. *Spec. Publ. Geol. Res. Dev. Cent.* **4**, 1–378 (1985).
784. T. H. Worthy, R. N. Holdaway, Quaternary fossil faunas, overlapping taphonomies, and palaeofaunal reconstruction in North Canterbury, South Island, New Zealand. *J. R. Soc. N. Z.* **26**, 275–361 (1996). [doi:10.1080/03014223.1996.9517514](https://doi.org/10.1080/03014223.1996.9517514)
785. T. H. Worthy, Quaternary fossil faunas of Otago, South Island, New Zealand. *J. R. Soc. N. Z.* **28**, 421–521 (1998). [doi:10.1080/03014223.1998.9517573](https://doi.org/10.1080/03014223.1998.9517573)
786. T. H. Worthy, R. N. Holdaway, Quaternary fossil faunas from caves on Mt Cookson, North Canterbury, South Island, New Zealand. *J. R. Soc. N. Z.* **25**, 333–370 (1995). [doi:10.1080/03014223.1995.9517494](https://doi.org/10.1080/03014223.1995.9517494)
787. T. H. Worthy, R. N. Holdaway, Quaternary fossil faunas from caves in the Punakaiki area, West Coast, South Island, New Zealand. *J. R. Soc. N. Z.* **23**, 147–254 (1993). [doi:10.1080/03036758.1993.10721222](https://doi.org/10.1080/03036758.1993.10721222)
788. T. H. Worthy, R. N. Holdaway, Quaternary fossil faunas from caves in Takaka Valley and on Takaka Hill, northwest Nelson, South Island, New Zealand. *J. R. Soc. N. Z.* **24**, 297–391 (1994). [doi:10.1080/03014223.1994.9517474](https://doi.org/10.1080/03014223.1994.9517474)
789. T. H. Worthy, Quaternary fossil fauna of South Canterbury, South Island, New Zealand. *J. R. Soc. N. Z.* **27**, 67–162 (1997). [doi:10.1080/03014223.1997.9517528](https://doi.org/10.1080/03014223.1997.9517528)
790. J. Louys, Y. Zaim, G. Price, Y. Rizal, A. Aswan, M. Puspaningrum, A. Trihascaryo, P. Higgins, P. Roberts, “Quaternary extinction of large rainforest herbivores on Indonesia’s largest island, Sumatra” in *Book of Abstracts* (Université de la Réunion, 2019), p. 69.
791. T. Miyauchi, Quaternary crustal movements estimated from deformed terraces and geologic structures of the Kamikita coastal plain, northeast Japan. *Geogr. Rev. Jpn. Ser. A* **61**, 404–422 (1985). [doi:10.4157/grj1984a.61.5_404](https://doi.org/10.4157/grj1984a.61.5_404)
792. M. Masseti, Quaternary biogeography of the Mustelidae family on the Mediterranean islands. *Hystrix Ital. J. Mammal.* **7**, 17–34 (1995).
793. P. M. Velazco, H. O’Neill, G. F. Gunnell, S. B. Cooke, R. Rimoli, A. L. Rosenberger, N. B. Simmons, Quaternary bat diversity in the Dominican Republic. *Am. Mus. Novit.* **3779**, 1–20 (2013). [doi:10.1206/3779.2](https://doi.org/10.1206/3779.2)
794. Y. Zaim, R. Marino, Pygmy Stegodon dari Desa Cariang, Kec. Tomo, Kab. Sumedang, Jawa Barat: Sebuah Pemberitahuan. *Bul. Geol. Jur. Tek. Geol.* **34**, 45–52 (2002).
795. L. D. Agenbroad, D. Morris, L. Roth, Pygmy mammoths *Mammuthus exilis* from Channel Islands National Park, California (USA). *Deinsea* **6**, 89–102 (1999).

796. V. L. Harvey, thesis, The University of Manchester (2017).
797. P. P. A. Mazza, *Prolagus apricenicus* and *Prolagus imperialis*: Two new Ochtonids (Lagomorpha, Mammalia) of the Gargano (Southern Italy). *Boll. Soc. Paleontol. Ital.* **26**, 233–243 (1987).
798. P. P. A. Mazza, M. Rustioni, Processes of island colonization by Oligo–Miocene land mammals in the central Mediterranean: New data from Scontrone (Abruzzo, Central Italy) and Gargano (Apulia, Southern Italy). *Palaeogeogr. Palaeoclimatol. Palaeoecol.* **267**, 208–215 (2008). [doi:10.1016/j.palaeo.2008.06.018](https://doi.org/10.1016/j.palaeo.2008.06.018)
799. J. Coll, Primeres datacions absolutes del jaciment del Coval Simó (Escorca, Mallorca). *Endins* **24**, 161–168 (2001).
800. J. A. Alcover, A. Font, M. Trias, Primera troballa de fauna vertebrada plistocènica a Cabrera. *Endins* **21**, 79–82 (1997).
801. J. Quintana, D. Ramis, P. Bover, Primera datació d'un mamífer no autòcton (*Oryctolagus cuniculus* [Linnaeus, 1758]) (Mammalia: Lagomorpha) del jaciment holocènic del Pas d'en Revull (barranc d'Algendar, Ferreries). *Rev Menorca* **95**, 185–200 (2016).
802. P. Atoche Peña, M. Á. Ramírez Rodríguez, S. Pérez González, J. D. Torres Plaza, Primera campaña de excavaciones arqueológicas en el yacimiento de la Caldereta de Tinache (Tinajo, Lanzarote). *Canar. Arqueol.*, 13–46 (2007).
803. T. Harrison, J. Krigbaum, J. Manser, “Primate biogeography and ecology on the Sunda Shelf islands: a paleontological and zooarchaeological perspective” in *Primate Biogeography*, S. M. Lehman, J. G. Fleagle, Eds., *Developments in Primatology: Progress and Prospects* (Springer, 2006), pp. 331–372.
804. L. D. Agenbroad, M. M. Bugbee, D. P. Morris, W. J. Wilkins, “Preserving the pygmy mammoth: twenty years of collaboration between Channel Islands National Park and the Mammoth Site of Hot Springs, Sd, Inc.,” *Proceedings of the 10th Conference on Fossil Resources* (Rapid City, SD, 2014), vol. 6, pp. 119–123.
805. J. Pons-Moyà, S. Moyà-Solà, Presencia de I2 y sus características, en diferentes mandíbulas de *Myotragus balearicus* Bate. *Endins* **3**, 57–59 (1976).
806. J. Quintana, P. Bover, J. A. Alcover, J. Agustí, S. Bailon, Presence of *Hypolagus* Dice, 1917 (Mammalia, Lagomorpha) in the Neogene of the Balearic Islands (Western Mediterranean): Description of *Hypolagus balearicus* nov. sp. *Geobios* **43**, 555–567 (2010). [doi:10.1016/j.geobios.2010.03.003](https://doi.org/10.1016/j.geobios.2010.03.003)
807. M. M. Bugbee, W. J. Wilkins, “Preparation and transportation of a complete mammoth skull from Channel Islands National Park, California, U.S.A.” in *Abstracts of Papers 78th Annual Meeting* (Society of Vertebrate Paleontology, 2018), p. 98.
808. F. de Lanfranchi, Prénéolithique ou Mésolithique insulaire? *Bull. Soc. Préhist. Fr.* **95**, 537–546 (1998). [doi:10.3406/bspf.1998.10840](https://doi.org/10.3406/bspf.1998.10840)
809. D. R. Watters, “Preliminary report to the Anguilla archaeological and historical society on the archaeology of Fountain Cavern” (Carnegie Museum of Natural History, 1986), p. 10.

810. H. Taruno, K. Yamamoto, Preliminary report on the fossils of *Bubalus* sp. from Bisan-Seto Straits, West Japan. *Bull. Osaka Mus. Nat. Hist.* **31**, 119–123 (1978).
811. H. deTerra, Preliminary report on recent geological and archaeological discoveries relating to early man in Southeast Asia. *Proc. Natl. Acad. Sci. U.S.A.* **24**, 407–413 (1938).
[doi:10.1073/pnas.24.10.407](https://doi.org/10.1073/pnas.24.10.407) [Medline](#)
812. H. E. Anthony, Preliminary report on fossil mammals from Porto Rico, with descriptions of a new genus of ground sloth and two new genera of hystricomorph rodents. *Ann. N. Y. Acad. Sci.* **27**, 193–203 (1916). [doi:10.1111/j.1749-6632.1916.tb55186.x](https://doi.org/10.1111/j.1749-6632.1916.tb55186.x)
813. G. H. R. von Koenigswald, Preliminary report on a newly-discovered Stone-Age culture from northern Luzon, Philippine Islands. *Asian Perspect. (Honolulu)* **2**, 69–70 (1958).
814. A. Kendall, N. Manigault, G. Guðmundsson, B. Djuknic, A. Schreiner, S. Khalsa, L. Williams, L. Witter, R. Riggle, G. Olavarria, R. Adkins, “Preliminary report of the 2011 excavation at Seaview, Barbuda, Antigua/Barbuda” (Barbuda Archaeological Research Center, 2011), pp. 1–33.
815. J. de Vos, A. Bautista, Preliminary notes on the vertebrate fossils from the Philippines. *Proc. Soc. Philipp. Archaeol.* **1**, 42–62 (2003).
816. R. F. Kay, K. D. Hunt, C. D. Beeker, G. W. Conrad, C. C. Johnson, J. Keller, Preliminary notes on a newly discovered skull of the extinct monkey *Antillothrix* from Hispaniola and the origin of the Greater Antillean monkeys. *J. Hum. Evol.* **60**, 124–128 (2011).
[doi:10.1016/j.jhevol.2010.09.003](https://doi.org/10.1016/j.jhevol.2010.09.003) [Medline](#)
817. D. A. Hooijer, “Preliminary note on the fissure fauna of Punung” in *Contributions to the Study of the Palaeolithic Patjitan Culture Java, Indonesia. Part I* (E.J. Brill, 1976), p. 108.
818. D. M. A. Bate, Preliminary note on the discovery of a pigmy elephant in the Pleistocene of Cyprus. *Proc. R. Soc. London* **71**, 498–500 (1903). [doi:10.1098/rspl.1902.0133](https://doi.org/10.1098/rspl.1902.0133)
819. P. Bellwood, *Prehistory of the Indo-Malaysian Archipelago* (ANU E Press, 2007).
820. D. Nicholson, Prehistory of Antigua and Barbuda, Museum of Antigua and Barbuda (2005);
<http://antiguahistory.net/Museum/prehistoric.htm>.
821. N. Perera, Prehistoric Sri Lanka. *J. R. Asiat. Soc. Sri Lanka* **59**, 23–41 (2014).
822. R. D. E. MacPhee, M. A. Iturralde-Vinent, O. J. Vázquez, Prehistoric sloth extinctions in Cuba: Implications of a new “last” appearance date. *Caribb. J. Sci.* **43**, 94–98 (2007).
[doi:10.18475/cjos.v43i1.a9](https://doi.org/10.18475/cjos.v43i1.a9)
823. P. Drewett, *Prehistoric Settlements in the Caribbean: Fieldwork in Barbados, Tortola and the Cayman Islands* (Archetype Publications, Ltd., 2000).
824. B. F. Byrd, A. R. Whitaker, Prehistoric settlement trends on San Clemente and San Nicolas Islands, Alta California. *Calif. Archaeol.* **7**, 1–32 (2015).
[doi:10.1179/1947461X15Z.000000000054](https://doi.org/10.1179/1947461X15Z.000000000054)
825. K. Honea, Prehistoric remains on the island of Kythnos. *Am. J. Archaeol.* **79**, 277–279 (1975). [doi:10.2307/503483](https://doi.org/10.2307/503483)

826. D. W. Steadman, P. V. Kirch, Prehistoric extinction of birds on Mangaia, Cook Islands, Polynesia. *Proc. Natl. Acad. Sci. U.S.A.* **87**, 9605–9609 (1990).
[doi:10.1073/pnas.87.24.9605](https://doi.org/10.1073/pnas.87.24.9605) [Medline](#)
827. D. A. Hooijer, Prehistoric evidence for *Elephas maximus* L. in Borneo. *Nature* **239**, 228 (1972). [doi:10.1038/239228a0](https://doi.org/10.1038/239228a0)
828. E. S. Wing, S. R. Wing, Prehistoric ceramic age adaptation to varying diversity of animal resources along the West Indian archipelago. *J. Ethnobiol.* **15**, 119–148 (1995).
829. S. U. Deraniyagala, *Prehistoric Basis for the Rise of Civilization in Sri Lanka and Southern India* (Sri Lanka Deputy High Commission in Chennai, 2004).
830. P. L. Drewett, thesis, Institute of Archaeology, University College London (1991).
831. D. A. Hooijer, Prehistoric and fossil rhinoceroses from the Malay Archipelago and India. *Zool. Meded.* **26**, 1–135 (1946).
832. J.-D. Vigne, Préhistoire du Cap Corse: Les abris de Torre d'Aquila, Pietracorbara (Haute-Corse)-La faune. *Bull. Soc. Préhist. Fr.* **92**, 381–389 (1995).
[doi:10.3406/bspf.1995.10039](https://doi.org/10.3406/bspf.1995.10039)
833. J. Magdeleine, Préhistoire du Cap Corse: Les abris de Torre d'Aquila, Pietracorbara (Haute-Corse). *Bull. Soc. Préhist. Fr.* **92**, 363–377 (1995). [doi:10.3406/bspf.1995.10037](https://doi.org/10.3406/bspf.1995.10037)
834. L. A. Curet, L. A. Newsom, S. D. deFrance, Prehispanic social and cultural changes at Tibes, Puerto Rico. *J. Field Archaeol.* **31**, 23–39 (2006).
[doi:10.1179/009346906791072115](https://doi.org/10.1179/009346906791072115)
835. R. Adrover, Predadores de la fauna Pleistocénica de Mallorca. *Boll. Soc. Hist. Nat. Balears* **17**, 5–20 (1972).
836. E. R. Lundberg, thesis, University of Illinois at Urbana-Champaign (1989).
837. R. H. Colten, E. T. Newman, B. Worthington, Preceramic faunal exploitation at the Las Obas site, Cuba. *Bull. Peabody Mus. Nat. Hist.* **50**, 75–84 (2009).
[doi:10.3374/014.050.0106](https://doi.org/10.3374/014.050.0106)
838. R. D. E. MacPhee, D. C. Ford, D. A. McFarlane, Pre-Wisconsinan mammals from Jamaica and models of late Quaternary extinction in the Greater Antilles. *Quat. Res.* **31**, 94–106 (1989). [doi:10.1016/0033-5894\(89\)90088-4](https://doi.org/10.1016/0033-5894(89)90088-4)
839. R. Wiscovitch-Russo, J. Rivera-Perez, Y. M. Narganes-Storde, E. García-Roldán, L. Bunkley-Williams, R. Cano, G. A. Toranzos, Pre-Columbian zoonotic enteric parasites: An insight into Puerto Rican indigenous culture diets and life styles. *PLOS ONE* **15**, e0227810 (2020). [doi:10.1371/journal.pone.0227810](https://doi.org/10.1371/journal.pone.0227810) [Medline](#)
840. M. S. de Waal, thesis, Leiden University (2006).
841. C. M. Giovas, Pre-Columbian Amerindian lifeways at the Sabazan Site, Carriacou, West Indies. *J. Island Coast. Archaeol.* **13**, 161–190 (2018).
[doi:10.1080/15564894.2016.1229702](https://doi.org/10.1080/15564894.2016.1229702)
842. K. Wiradnyana, *Prasejarah Sumatera Bagian Utara: Kontrobusinya Pada Kebudayaan Kini* (Yayasan Pustaka Obor Indonesia, 2011).

843. M. E. Hall, Pottery styles during the Early Jomon period: Geochemical perspectives on the Moroiso and Ukishima pottery styles. *Archaeometry* **43**, 59–75 (2001).
[doi:10.1111/1475-4754.00005](https://doi.org/10.1111/1475-4754.00005)
844. A. P. Sullivan, L. R. Godfrey, R. R. Lawler, H. Randrianatoandro, L. Eccles, B. Culleton, T. M. Ryan, G. H. Perry, Potential evolutionary body size reduction in a Malagasy primate (*Propithecus verreauxi*) in response to human size-selective hunting pressure. *Am. J. Biol. Anthropol.* **178**, 385–398 (2022). [doi:10.1002/ajpa.24470](https://doi.org/10.1002/ajpa.24470)
845. R. D. E. MacPhee, J. G. Fleagle, Postcranial remains of *Xenothrix mcgregori* (Primates, Xenotrichidae) and other Late Quaternary mammals from Long Mile Cave, Jamaica. *Contrib. Mammal. Honor Karl F. Koopman Bull. Am. Mus. Nat. Hist.* **206**, 287–321 (1991).
846. R. D. E. MacPhee, J. E. F. F. Meldrum, Postcranial remains of the extinct monkeys of the Greater Antilles, with evidence for semiterrestriality in *Paralouatta*. *Am. Mus. Novit.* **3516**, 1–64 (2006). [doi:10.1206/0003-0082\(2006\)3516\[1:PROTEM\]2.0.CO;2](https://doi.org/10.1206/0003-0082(2006)3516[1:PROTEM]2.0.CO;2)
847. P. J. Piper, Earl of Cranbrook, Post-Pleistocene evolution of Bornean shrews *Crocidura foetida* (Mammalia, Soricidae). *Biol. J. Linn. Soc. Lond.* **94**, 413–419 (2008).
[doi:10.1111/j.1095-8312.2008.00965.x](https://doi.org/10.1111/j.1095-8312.2008.00965.x)
848. L. Medway, Post-Pleistocene changes in the mammalian fauna of Borneo: Archaeological evidence from the Niah Caves. *Stud. Speleol.* **1**, 33–37 (1964).
849. M. R. Palombo, A. Ibba, F. Fanelli, “Porto Conte bay” in *Fossil Mammalian Biotas of Sardinia, Italy, Fieldtrip Guide-Book* (PUBLIEDIL SERVICE, Pirri (CA), 2008), pp. 47–57.
850. L. Nicolaou, G. Iliopoulos, S. Roussiakis, Population dynamics on Aetokremnos hippos of Cyprus or have Cypriots ever tasted hippo meat? *Quat. Int.* **568**, 55–64 (2020).
[doi:10.1016/j.quaint.2020.09.016](https://doi.org/10.1016/j.quaint.2020.09.016)
851. A. van de Weerd, J. W. F. Reumer, J. Vos, Pliocene mammals from the Apolakkia Formation (Rhodes, Greece). *Proc. K. Ned. Akad. Wet. C* **85**, 89–112 (1982).
852. R. Nakagawa, Y. Kawamura, H. Taruno, “Pliocene Land Mammals of Japan” in *Fossil Mammals of Asia*, Wang, Ed. (Columbia University Press, New York, 2013), pp. 334–350.
853. L. Abbazzi, C. Angelone, M. Arca, G. Barisone, C. Bedetti, M. Delfino, T. Kotsakis, F. Marcolini, M. R. Palombo, M. Pavia, P. Piras, L. Rook, D. Torre, C. Tuveri, A. M. F. Valli, B. Wilkens, Plio-Pleistocene fossil vertebrates of Monte Tuttavista (Orosei, Eastern Sardinia, Italy), an overview. *Riv. Ital. Paleontol. Stratigr.* **110**, 681–706 (2004).
854. S. E. Kuss, Pleistozäne Säugetierfunde auf dem ostmedi-terranean Inseln Kythera und Karpathos. *Berichte Naturforschenden Ges. Zu Freibg. Im Breisgau* **57**, 207–216 (1967).
855. S. E. Kuss, X. Misonne, Pleistozäne Muriden der Insel Kreta. *Neues Jahrb. Geol. Paläontol. Abh.* **132**, 55–69 (1968).
856. G. D. van den Bergh, J. de Vos, P. Y. Sondaar, F. Aziz, Pleistocene zoogeographic evolution of Java (Indonesia) and glacio-eustatic sea level fluctuations: A background for

- the presence of *Homo*. *Bull. Indo-Pac. Prehistory Assoc.* **14**, 7–21 (1996).
[doi:10.7152/bippa.v14i0.11583](https://doi.org/10.7152/bippa.v14i0.11583)
857. D. A. Hooijer, Pleistocene Vertebrates from Celebes. XI. Molars and a tusked mandible of *Archidiskodon celebensis* Hooijer. *Zool. Meded.* **33**, 103–120 (1954).
858. D. A. Hooijer, Pleistocene Vertebrates from Celebes. IV. *Archidiskodon celebensis* nov. spec. *Zool. Meded.* **30**, 205–226 (1949).
859. D. A. Hooijer, Pleistocene vertebrates from Celebes. III. *Anoa depressicornis* (Smith) subsp., and *Babyrousa babirussa beruensis* nov. subsp. *Proc. Kon. Ned. Akad. Wetensch* **51**, 1322–1330 (1948).
860. D. A. Hooijer, Pleistocene vertebrates from Celebes: XIV. Additions to the *Archidiskodon-Celebochoerus* fauna. *Zool. Meded.* **46**, 1–16 (1972).
861. H. Otsuka, A. Takahashi, Pleistocene vertebrate faunas in the Ryukyu Islands: Their migration and extinction. *Tropics* **10**, 25–40 (2000). [doi:10.3759/tropics.10.25](https://doi.org/10.3759/tropics.10.25)
862. E. Locatelli, R. A. Due, G. D. van den Bergh, L. W. van den Hoek Ostende, Pleistocene survivors and Holocene extinctions: The giant rats from Liang Bua (Flores, Indonesia). *Quat. Int.* **281**, 47–57 (2012). [doi:10.1016/j.quaint.2012.04.005](https://doi.org/10.1016/j.quaint.2012.04.005)
863. I. M. D’Angeli, J. Waele, R. Ruggieri, L. Sanna, “Pleistocene sea level changes as revealed by flank margin caves in telogenetic limestones in Sicily and Sardinia (Italy),” *Proceedings of the 16th International Congress of Speleology* (Brno, 2013), vol. 3, pp. 29–34.
864. D. Zoboli, A. Pala, A. Pirellas, G. L. Pillola, Pleistocene mammals from Sa Cona Cave (Teulada, south-western Sardinia, Italy). *J. Mediterr. Earth Sci.* **11**, (2019).
[10.3304/JMES.2019.002](https://doi.org/10.3304/JMES.2019.002)
865. L. Bonfiglio, G. Mangano, A. C. Marra, F. Masini, M. Pavia, D. Petruso, Pleistocene Calabrian and Sicilian bioprovinces. *Geobios* **35**, 29–39 (2002). [doi:10.1016/S0016-6995\(02\)00046-3](https://doi.org/10.1016/S0016-6995(02)00046-3)
866. S. M. Ford, Platyrrhine evolution in the West Indies. *J. Hum. Evol.* **19**, 237–254 (1990).
[doi:10.1016/0047-2484\(90\)90018-7](https://doi.org/10.1016/0047-2484(90)90018-7)
867. D. Petruso, E. Locatelli, G. Surdi, C. Dalla Valle, F. Masini, B. Sala, Phylogeny and biogeography of fossil and extant *Microtus* (Terricola) (Mammalia, Rodentia) of Sicily and southern Italian peninsula based on current dental morphological data. *Quat. Int.* **243**, 192–203 (2011). [doi:10.1016/j.quaint.2011.03.013](https://doi.org/10.1016/j.quaint.2011.03.013)
868. N. Schlager, “Phangromouro I and II: Two recently discovered paleontological sites, with a note on Hogarth’s Zakros sealings nos. 92 and 139” in *Pleistocene and Holocene Fauna of Crete and its First Settlers*, D. S. Reese, Ed., vol. 28 of *Monographs in World Archaeology* (Prehistory Press, 1996), pp. 33–45.
869. E. S. Wing, “Pets and camp followers in the West Indies” in *Case Studies in Environmental Archaeology*, E. J. Reitz, S. J. Scudder, C. M. Scarry, Eds., *Interdisciplinary Contributions to Archaeology* (Springer, 2008), pp. 405–425.

870. J. Orihuela, A. Tejedor, Peter's ghost-faced bat *Mormoops megalophylla* (Chiroptera: Mormoopidae) from a pre-Columbian archeological deposit in Cuba. *Acta Chiropt.* **14**, 63–72 (2012). [doi:10.3161/150811012X654277](https://doi.org/10.3161/150811012X654277)
871. C. Arredondo Antunez, "Perezosos antillanos: extinción y convivencia con aborígenes" in *Human and Faunal Relationships Reviewed: An Archaeozoological Approach* (Chalvington Digital, 2007), *BAR International Series 1627*, pp. 23–29.
872. R. Adrover, Pequeño intento de lavado de las tierras de la Cueva de Son Muleta y los resultados obtenidos. *Boll. Soc. Hist. Nat. Balears* **12**, 39–46 (1966).
873. N. Perera, N. Kourampas, I. A. Simpson, S. U. Deraniyagala, D. Bulbeck, J. Kamminga, J. Perera, D. Q. Fuller, K. Szabó, N. V. Oliveira, People of the ancient rainforest: Late Pleistocene foragers at the Batadomba-lena rockshelter, Sri Lanka. *J. Hum. Evol.* **61**, 254–269 (2011). [doi:10.1016/j.jhevol.2011.04.001](https://doi.org/10.1016/j.jhevol.2011.04.001) [Medline](#)
874. J. Gao, Penghu fauna. *J. Mar. Sci.* **27**, 123–132 (1982).
875. A. Ferdianto, "Penelitian Arkeologi Prasejarah di situs Cariang, Sumedang" (Bandung, 2019).
876. G. G. Musser, A. Van de Weerd, E. Strasser, *Paulamys*, a replacement name for *Floresomys* Musser, 1981 (Muridae), and new material of that taxon from Flores, Indonesia. *Am. Mus. Novit.* **2850**, 1–10 (1986).
877. D. J. Kitchener, R. A. How, Maharadatunkamsi, *Paulamys* sp. cf. *P. naso* (Musser, 1981) (Rodentia: Muridae) from Flores Island, Nusa Tenggara, Indonesia - description from a modern specimen and a consideration of its phylogenetic affinities. *Rec. West. Aust. Mus.* **15**, 171–189 (1991).
878. K. Mudar, Patterns of animal utilization in the Holocene of the Philippines: A comparison of faunal samples from four archaeological sites. *Asian Perspect.* **36**, 67–105 (1997).
879. J. de Vos, L. W. van den Hoek Ostende, G. D. van den Bergh, "Patterns in insular evolution of mammals: A key to island palaeogeography" in *Biogeography, Time and Place: Distributions, Barriers and Islands*, W. Renema, Ed., vol. 29 of *Topics In Geobiology* (Springer, 2007), pp. 315–345.
880. D. Ramis, "Patrons d'alteració als ossos de *Myotragus balearicus* Bate 1909 (Artiodactyla, Caprinae) de la Cova des Moro (Manacor)" in *Colonización humana en ambientes insulares. Interacción con el medio y adaptación cultural* (Universitat de les Illes Balears, 2000), pp. 455–471.
881. N. S. Upham, Past and present of insular Caribbean mammals: Understanding Holocene extinctions to inform modern biodiversity conservation. *J. Mammal.* **98**, 913–917 (2017). [doi:10.1093/jmammal/gyx079](https://doi.org/10.1093/jmammal/gyx079)
882. G. F. Willemsen, *Paralutra garganensis* sp. nov. (Mustelidae, Lutrinae): A new otter from the Miocene of Gargano, Italy. *Scr. Geol.* **72**, 1–8 (1983).
883. M. Rivero, O. Arredondo, *Paralouatta varonai*, a new Quaternary platyrrhine from Cuba. *J. Hum. Evol.* **21**, 1–11 (1991). [doi:10.1016/0047-2484\(91\)90032-Q](https://doi.org/10.1016/0047-2484(91)90032-Q)

884. S. Renaud, J. Michaux, Parallel evolution in molar outline of murine rodents: The case of the extinct *Malpaisomys insularis* (Eastern Canary Islands). *Zool. J. Linn. Soc.* **142**, 555–572 (2004). [doi:10.1111/j.1096-3642.2004.00140.x](https://doi.org/10.1111/j.1096-3642.2004.00140.x)
885. E. Burgio, M. Fiore, “*Pannonictis arzilla* (De Gregorio, 1886) a “Villafranchian” element in the fauna from Monte Pellegrino (Palermo, Sicily),” AIQUA-CNR, Peveragno, Italy, 20 to 24 June 1994, p. 15.
886. C. Fredericksen, M. Spriggs, W. Ambrose, “Pamwak rockshelter: a Pleistocene site on Manus Island, Papua New Guinea” in *Sahul in Review: Pleistocene Archaeology in Australia, New Guinea and Island Melanesia*, vol. 24 of *Occasional Papers in Prehistory* (Department of Prehistory, Research School of Pacific Studies, The Australian National University, Canberra, 1993), pp. 144–152.
887. H. Otsuka, “Paleovertebrate fauna of the Ryukyu Islands and its origin” in *The Formation of the Ryukyu Arc and Migration of Biota*, M. Kimura, Ed. (Okinawa Times, 2002), pp. 111–127.
888. E. O. Cranbrook, P. J. Piper, Earl of Cranbrook, Paleontology to policy: The Quaternary history of Southeast Asian tapirs (Tapiridae) in relation to large mammal species turnover, with a proposal for conservation of Malayan tapir by reintroduction to Borneo. *Integr. Zool.* **8**, 95–120 (2013). [doi:10.1111/j.1749-4877.2012.00319.x](https://doi.org/10.1111/j.1749-4877.2012.00319.x) [Medline](#)
889. G. S. Hope, K. Aplin, “Paleontology of Papua” in *Ecology of Indonesian Papua, Part One*, A. J. Marshall, B. M. Beehler, Eds. (Periplus Editions, 2007), pp. 255–268.
890. E. Dubois, Paleontologische Onderzoekingen op Java. *Versl. Van Het Mijnweez. Batavia* **3**, 10–14 (1891).
891. J. M. Erlandson, T. C. Rick, T. J. Braje, M. Casperson, B. Culleton, B. Fulfroost, T. Garcia, D. A. Guthrie, N. Jew, D. J. Kennett, M. L. Moss, L. Reeder, C. Skinner, J. Watts, L. Willis, Paleoindian seafaring, maritime technologies, and coastal foraging on California’s Channel Islands. *Science* **331**, 1181–1185 (2011). [doi:10.1126/science.1201477](https://doi.org/10.1126/science.1201477) [Medline](#)
892. C. De Giuli, F. Masini, G. Valleri, Paleogeographic evolution of the Adriatic area since Oligocene to Pleistocene. *Riv. Ital. Paleontol. Stratigr.* **93**, 109–126 (1987).
893. C. Arredondo Antúnez, “Paleofauna, paleoambiente y subsistencia alimentaria de humanos tempranos en el noroeste de Cuba central,” *Anthropos2007*, I Congreso Iberoamericano de Antropología, La Habana, Cuba, 5 to 9 March 2007.
894. T. R. Sara, J. J. Ortiz Aguilú, “Paleoenvironmental Investigations of Navy Lands on Vieques Island, Puerto Rico” (Miscellaneous Reports of Investigations 280, Department of the Navy, Atlantic Division Naval Facilities Engineering Command (LANTDIVNAVFACENGCOM), Newport News, Virginia, 2003), p. 202.
895. Y. Zaim, Paleoenvironment of vertebrate fossils site at Cikamurang, NE Sumedang, West Jawa. *Biul. Geol.* **2**, 85–91 (1999).
896. K. M. Muldoon, Paleoenvironment of Ankilitelo Cave (late Holocene, southwestern Madagascar): Implications for the extinction of giant lemurs. *J. Hum. Evol.* **58**, 338–352 (2010). [doi:10.1016/j.jhevol.2010.01.005](https://doi.org/10.1016/j.jhevol.2010.01.005) [Medline](#)

897. M. O. Kubo, E. Yamada, M. Fujita, I. Oshiro, Paleoeological reconstruction of Late Pleistocene deer from the Ryukyu Islands, Japan: Combined evidence of mesowear and stable isotope analyses. *Palaeogeogr. Palaeoclimatol. Palaeoecol.* **435**, 159–166 (2015). [doi:10.1016/j.palaeo.2015.06.001](https://doi.org/10.1016/j.palaeo.2015.06.001)
898. P. Y. Sondaar, “Palaeozoogeography of the Pleistocene mammals from the Aegean” in *Evolution in the Aegean. Opera Bot.* **30**, 60–70 (1971).
899. P. J. Piper, J. Ochoa, E. C. Robles, H. Lewis, V. Paz, Palaeozoology of Palawan Island, Philippines. *Quat. Int.* **233**, 142–158 (2011). [doi:10.1016/j.quaint.2010.07.009](https://doi.org/10.1016/j.quaint.2010.07.009)
900. S. Presslee, G. J. Slater, F. Pujos, A. M. Forasiepi, R. Fischer, K. Molloy, M. Mackie, J. V. Olsen, A. Kramarz, M. Taglioretti, F. Scaglia, M. Lezcano, J. L. Lanata, J. Southon, R. Feranec, J. Bloch, A. Hajduk, F. M. Martin, R. Salas Gismondi, M. Reguero, C. de Muizon, A. Greenwood, B. T. Chait, K. Penkman, M. Collins, R. D. E. MacPhee, Palaeoproteomics resolves sloth relationships. *Nat. Ecol. Evol.* **3**, 1121–1130 (2019). [doi:10.1038/s41559-019-0909-z](https://doi.org/10.1038/s41559-019-0909-z) [Medline](#)
901. P. Davies, A. M. Lister, “*Palaeoloxodon cypriotes*, the dwarf elephant of Cyprus: size and scaling comparisons with *P. falconeri* (Sicily-Malta) and mainland *P. antiquus*,” *The World of Elephants: Proceedings of the 1st International Congress, Rome 2001* (Citeseer, 2001), pp. 479–480.
902. F. Antonioli, M. D’Orefice, S. Ducci, M. Firmati, L. M. Foresi, R. Graciotti, M. Pantaloni, P. Perazzi, C. Principe, Palaeogeographic reconstruction of northern Tyrrhenian coast using archaeological and geomorphological markers at Pianosa island (Italy). *Quat. Int.* **232**, 31–44 (2011). [doi:10.1016/j.quaint.2010.03.017](https://doi.org/10.1016/j.quaint.2010.03.017)
903. A. R. Hidayah, U. P. Wibowo, A. Purwoarminta, G. J. Price, S. Noerwidi, Palaeoenvironments and palaeontology of the Atambua Basin, West Timor, Indonesia. *Quat. Int.* **603**, 82–89 (2021). [doi:10.1016/j.quaint.2021.01.023](https://doi.org/10.1016/j.quaint.2021.01.023)
904. L. Bonfiglio, G. Insacco, Palaeoenvironmental, paleontologic and stratigraphic significance of vertebrate remains in Pleistocene limnic and alluvial deposits from southeastern Sicily. *Palaeogeogr. Palaeoclimatol. Palaeoecol.* **95**, 195–208 (1992). [doi:10.1016/0031-0182\(92\)90141-Q](https://doi.org/10.1016/0031-0182(92)90141-Q)
905. M. T. Spina, P. Agnelli, J. Maita, R. Grasso, L. Salari, Palaeoenvironmental considerations on the latest Pleistocene and Holocene micromammals from the Grotta dei Pipistrelli (Hyblaean Mountains, Sicily, Italy). *Alp. Mediterr. Quat.* **34**, 187–200 (2021).
906. R. Rozzi, thesis, Università degli Studi di Roma La Sapienza, (2014).
907. A. R. Sumanarathna, S. M. K. Abayawardana, A. U. Sudasinghe, “Palaeo-biodiversity & prehistoric mega fauna in Sri Lanka,” *Proceedings of the Second Archaeological Research Symposium–ARSRU 2016*, pp. 225–230.
908. D. D. Davis, thesis, University of Leicester (2011).
909. B. Wilkens, “Osservazioni sulla presenza in epoca recente del prolago sardo a Tavolara secondo le notizie di Francesco Cetti,” *Atti 3° Convegno Nazionale di Archeologia*, Siracusa, Italy, 2000, pp. 217–222.

910. T. Kotsakis, Osservazioni sui vertebrati quaternari della Sardegna. *Boll. Soc. Geol. Ital.* **99**, 151–165 (1980).
911. C. Di Maggio, I. A. F. Masini, D. Petruso, P. Renda, C. Simonelli, G. Boschian, Oscillazioni eustatiche, biocronologia dei depositi continentali quaternari e neotettonica nella Sicilia nord-occidentale (Penisola di San Vito Lo Capo - Trapani): Un approccio interdisciplinare. *Alp. Mediterr. Quat.* **12**, 25–49 (1999).
912. T. C. Rick, J. M. Erlandson, R. L. Vellanoweth, T. J. Braje, P. W. Collins, D. A. Guthrie, T. W. Stafford Jr., Origins and antiquity of the island fox (*Urocyon littoralis*) on California's Channel Islands. *Quat. Res.* **71**, 93–98 (2009).
[doi:10.1016/j.yqres.2008.12.003](https://doi.org/10.1016/j.yqres.2008.12.003)
913. F. Masini, D. Petruso, L. Bonfiglio, G. Mangano, Origination and extinction patterns of mammals in three central Western Mediterranean islands from the Late Miocene to Quaternary. *Quat. Int.* **182**, 63–79 (2008). [doi:10.1016/j.quaint.2007.09.020](https://doi.org/10.1016/j.quaint.2007.09.020)
914. C. T. Madden, Origin(s) of mammoths from northern Channel Islands, California. *Quat. Res.* **15**, 101–104 (1981). [doi:10.1016/0033-5894\(81\)90117-4](https://doi.org/10.1016/0033-5894(81)90117-4)
915. R. D. E. MacPhee, M. Iturralde-Vinent, Origin of the Greater Antillean land mammal fauna. 1, New Tertiary fossils from Cuba and Puerto Rico. *Am. Mus. Novit.* **3141**, 1–31 (1995).
916. B. K. Kimura, M. J. LeFebvre, S. D. deFrance, H. I. Knodel, M. S. Turner, N. S. Fitzsimmons, S. M. Fitzpatrick, C. J. Mulligan, Origin of pre-Columbian guinea pigs from Caribbean archeological sites revealed through genetic analysis. *J. Archaeol. Sci. Rep.* **5**, 442–452 (2016). [doi:10.1016/j.jasrep.2015.12.012](https://doi.org/10.1016/j.jasrep.2015.12.012)
917. N. Poulakakis, M. Mylonas, P. Lymberakis, C. Fassoulas, Origin and taxonomy of the fossil elephants of the island of Crete (Greece): Problems and perspectives. *Palaeogeogr. Palaeoclimatol. Palaeoecol.* **186**, 163–183 (2002). [doi:10.1016/S0031-0182\(02\)00451-0](https://doi.org/10.1016/S0031-0182(02)00451-0)
918. R. Croitor, M.-F. Bonifay, E. Bonifay, Origin and evolution of the Late Pleistocene island deer *Praemegaceros (Nesoleipoceros) cazioti* (Depéret) from Corsica and Sardinia. *Bull. Mus. D'Anthropologie Préhistorique Monaco* **46**, 35–68 (2006).
919. H. Insani, U. P. Wibowo, E. Setiyabudi, I. Kurniawan, “On variation of extinct Java Hippopotamuses: a note from a new finding of Hippopotamidae fossil from Subang, West Java. Indonesia” in *Proceedings JCB HAGI-IAGI-IAFMI-IATMI* (Balikpapan, Indonesia, 2015).
920. J. W. F. Reumer, On two new micromammals from the Pleistocene of Mallorca. *Proc. Kon. Ned. Akad. Wetensch. B.* **82**, 473–482 (1979).
921. L. M. van den Brink, “On the vertebrate fauna of the Goea Djimbe Cave, West Java (Indonesia),” Internal report (National Museum of Natural History, Leiden, 1983).
922. H. Zhang, T. Pape, A. M. Lister, On the type material of *Elephas hysudrindicus* Dubois, 1908 (Mammalia, Proboscidea). *J. Vertebr. Paleontol.* **38**, e1425211 (2018).
[doi:10.1080/02724634.2017.1425211](https://doi.org/10.1080/02724634.2017.1425211)
923. B. Mennecart, D. Zoboli, L. Costeur, G. L. Pillola, On the systematic position of the oldest insular ruminant *Sardomeryx oschiriensis* (Mammalia, Ruminantia) and the early

- evolution of the Giraffomorpha. *J. Syst. Palaeontology* **17**, 691–704 (2019).
[doi:10.1080/14772019.2018.1472145](https://doi.org/10.1080/14772019.2018.1472145)
924. T. F. G. Higham, F. J. Petchey, On the reliability of archaeological rat bone for radiocarbon dating in New Zealand. *J. R. Soc. N. Z.* **30**, 399–409 (2000).
[doi:10.1080/03014223.2000.9517631](https://doi.org/10.1080/03014223.2000.9517631)
925. J. W. F. Reumer, On the Pleistocene shrew *Nesiotites hidalgo* Bate 1944 from Mallorca (Soricidae, Insectivora). I and II. *Proc. Kon. Ned. Akad. Wetensch. B.* **83**, 39–68 (1980).
968. H. Falconer, On the ossiferous Grotta di Maccagnone, near Palermo. *Q. J. Geol. Soc. Lond.* **16**, 99–106 (1859). [doi:10.1144/GSL.JGS.1860.016.01-02.10](https://doi.org/10.1144/GSL.JGS.1860.016.01-02.10)
927. D. M. A. Bate, On the ossiferous cave-deposits of Cyprus. *Geol. Mag.* **1**, 324–325 (1904).
928. Y. Hasegawa, On the origin of Japanese living mammals. *Mamm. Sci.* **52**, 233–247 (2012).
929. I. Hayasaka, On the occurrence of mammalian remains in Taiwan: A preliminary summary. *Taiwan Chigaku Kizi* **13**, 95–109 (1942).
930. Y. Hasegawa, H. Kitagawa, Y. Okumura, Y. Tachikawa, G. Tanaka, Y. Takakuwa; Yoshizawa Lime Industry Co., Ltd., On the Naumann's elephant, *Palaeoloxodon naumanni*, from Yoshizawa Sekkai quarry in Nabeyama-machi. Tochigi City, Tochigi Prefecture, Kanto, Japan. *Bull. Gunma Mus. Nat. Hist.* **16**, 49–70 (2012).
931. M. Kostro, thesis, College of William & Mary (2018).
932. L. M. van den Brink, On the mammal fauna of the Wajak cave, Java (Indonesia). *Mod. Quat. Res. Southeast Asia* **7**, 177–193 (1982).
933. J. S. Pigati, D. R. Muhs, J. P. McGeehin, On the importance of stratigraphic control for vertebrate fossil sites in Channel Islands National Park, California, USA: Examples from new *Mammuthus* finds on San Miguel Island. *Quat. Int.* **443**, 129–139 (2017).
[doi:10.1016/j.quaint.2016.07.015](https://doi.org/10.1016/j.quaint.2016.07.015)
934. B. Mackness, On the identity of ‘*Kolopsis*’ *watutense* (Anderson, 1937) (Diprotodontidae, Marsupialia) and the New Guinean diprotodontid radiation. *Alcheringa* **37**, 39–47 (2013).
[doi:10.1080/03115518.2012.701488](https://doi.org/10.1080/03115518.2012.701488)
935. H. Taruno, On the fossils of *Palaeoloxodon naumanni* (MAKIYAMA) from Kinki District. *Bull. Osaka Mus. Nat. Hist.* **33**, 97–106 (1980).
936. G. J. Boekschoten, P. Y. Sondaar, On the fossil Mammalia of Cyprus II. *Proc. Koninkl* **75**, 326–338 (1972).
937. K. Tan, On the fossil elephant remain in the Government Museum of Taiwan. *Trans. Nat. Hist. Formosa* **21**, 311–314 (1931).
938. K. W. Dammerman, On prehistoric mammals from the Sampoeng Cave, Central Java. *Treubia* **14**, 477–486 (1934).
939. L. A. Newsom, E. S. Wing, *On Land and Sea: Native American Uses of Biological Resources in the West Indies* (Univ. of Alabama Press, 2004).
940. L. D. Brongersma, On fossil remains of a Hyaenid from Java. *Zool. Meded.* **20**, 186–202 (1937).

941. D. A. Hooijer, On fossil and prehistoric remains of *Tapirus* from Java, Sumatra and China. *Zool. Meded.* **27**, 253–299 (1947).
942. D. M. A. Bate, On elephant remains from Crete, with description of *Elephas creticus* n. sp. *Proc. Zool. Soc. Lond.* **77**, 238–250 (1907). [doi:10.1111/j.1096-3642.1907.tb01813.x](https://doi.org/10.1111/j.1096-3642.1907.tb01813.x)
943. D. M. A. Bate, On an extinct species of genet (*Genetta plesictoides*, sp. n.) from the Pleistocene of Cyprus. *Proc. Zool. Soc. Lond.* **2**, 121–124 (1903).
944. D. M. A. Bate, On a new species of mouse and other rodent remains from Crete. *Geol. Mag.* **9**, 4–6 (1912). [doi:10.1017/S0016756800113603](https://doi.org/10.1017/S0016756800113603)
945. H. Otsuka, Y. Hasegawa, On a new species of *Elaphurus* (Cervid, Mammal) from Akishima City, Tokyo. *Bull. Natl. Sci. Mus. Ser. C Geol.* **2**, 139–145 (1976).
946. I. Hayasaka, On a new occurrence of fossil elephant tooth in Taiwan. *Taiwan Tigaku Kizi* **3**, 7–8 (1932).
947. Y. Hasegawa, On a new Insectivora from the upper Kuzuu formation in Japan. *Sci. Rep. Yokohama Natl. Univ. Sect. II* **7**, 105–112 (1957).
948. R. D. E. MacPhee, A. R. Wyss, Oligo-Miocene vertebrates from Puerto Rico: With a catalog of localities. *Am. Mus. Novit.* **2965**, 1–45 (1990).
949. S. Hawkins, S. O'Connor, T. R. Maloney, M. Litster, S. Kealy, J. N. Fenner, K. Aplin, C. Boulanger, S. Brockwell, R. Willan, E. Piotto, J. Louys, Oldest human occupation of Wallacea at Laili Cave, Timor-Leste, shows broad-spectrum foraging responses to late Pleistocene environments. *Quat. Sci. Rev.* **171**, 58–72 (2017). [doi:10.1016/j.quascirev.2017.07.008](https://doi.org/10.1016/j.quascirev.2017.07.008)
950. J. R. Hull, P. Piper, G. Irwin, K. Szabó, A. Oertle, P. Bellwood, “Observations on the Northern Moluccan excavated animal bone and shell collections” in *The Spice Islands in Prehistory: Archaeology in the Northern Moluccas, Indonesia*, P. Bellwood, Ed., vol. 50 of *Terra Australis* (ANU Press, 2019) pp. 135–165.
951. H. Granados, Observations on the incisors pigment in the cuban hutías, genus *Capromys* (Rodentia, Cavioinorpha). *Ciencia* **28**, 111–120 (1973).
952. J. Pons-Moyà, J. Coll Conesa, Observaciones sobre la estratigrafía y las dataciones absolutas de los sedimentos holocénicos de la Cova de Canet (Esporles, Mallorca). *Endins* **12**, 31–34 (1986).
953. J. Quintana, M. Köhler, S. Moyà-Solà, *Nuralagus rex*, gen. et sp. nov., an endemic insular giant rabbit from the Neogene of Minorca (Balearic Islands, Spain). *J. Vertebr. Paleontol.* **31**, 231–240 (2011). [doi:10.1080/02724634.2011.550367](https://doi.org/10.1080/02724634.2011.550367)
954. A. Azzaroli, V. Borselli, M. Rustioni, Nuovi ritrovamenti di fossili continentali in alcune isole minori dell'Arcipelago Toscano. *Atti Della Soc. Toscana Sci. Nat.* **97**, 15–30 (1990).
955. G. Mangano, Nuovi resti di elefante e revisione di alcuni resti di mammiferi del Pleistocene superiore della Sicilia nord-orientale. *G. Geol. Suppl. Ser.* **3a**, 103–109 (2000).
956. F. Nicoletti, S. Tusa, “Nuove acquisizioni scientifiche sul Riparo del Castello di Termini Imerese (Palermo) nel quadro della preistoria siciliana tra la fine del Pleistocene e gli

- inizi dell'Olocene,” *Atti della XLI Riunione scientifica: dai ciclopi agli ecisti: società e territorio nella Sicilia preistorica e protostorica San Cipirello (PA)*, 16 to 19 November 2006 (Istituto italiano di preistoria e protostoria, 2012), pp. 303–318.
957. I. Comaschi Caria, Nuova segnalazione di resti di scimmia nel Quaternario della Sardegna. *Pubbl. Ist. Geol. Paleont. Geogr. Fis. Univ. Cagliari* **83**, 1–7 (1970).
 958. J. Pons-Moyà, Nuevos yacimientos paleontológicos de la isla de Menorca. *Endins* **2**, 13 (1975).
 959. B. Mercadal, Nuevos yacimientos con *Myotragus* en Menorca y su cronología. *Boll. Soc. Hist. Nat. Balears* **13**, 63–74 (1967).
 960. E. Aranda, J. G. Martínez López, O. Jiménez, C. Alemán Luna, L. W. Viñola López, Nuevos registros fósiles de vertebrados terrestres para Las Llanadas, Sancti Spíritus, Cuba. *Novit. Caribaea* **11**, 115–123 (2017). [doi:10.33800/nc.v0i11.26](https://doi.org/10.33800/nc.v0i11.26)
 961. R. Adrover, Nuevos micromamíferos de Mallorca. *Boll. Soc. Hist. Nat. Balears* **13**, 117–132 (1967).
 962. J. Pons-Moyà, S. Moyà-Solà, Nuevo representante del género *Nesiotites* Bate 1944; *Nesiotites meloussae* nov.sp. (Insectivora, Soricidae) de los rellenos cársticos del Barranc de Binigaus (Es Mercadal, Menorca). *Endins* **7**, 53–56 (1980).
 963. C. Arredondo Antunez, O. Arredondo, Nuevo género y especie de perezoso (Edentata: Megalonychidae) del Pleistoceno de Cuba. *Rev. Biol.* **14**, 66–72 (2000).
 964. R. Adrover, J. Agustí, S. Moyà, J. Pons, Nueva localidad de micromamíferos insulares del Mioceno medio en las proximidades de San Lorenzo en la isla de Mallorca. *Pal. Evol.* **18**, 121–129 (1985).
 965. Anonymous, Nueva localidad con *Myotragus balearicus* Bate. *Boll. Soc. Hist. Nat. Balears* **1**, 88–89 (1955).
 966. L. S. Varona, Nueva especie fósil de *Capromys* (Rodentia: Capromyidae) del Pleistoceno Superior de Cuba. *Poeyana* **285**, 1–6 (1984).
 967. B. W. Woloszyn, G. Silva Toboada, Nueva especie fósil de *Artibeus* (Mammalia: Chiroptera) de Cuba, y tipificación preliminar de los depósitos fosilíferos cubanos contentivos de mamíferos terrestres. *Poeyana* **161**, 1–17 (1977).
 968. Y. M. Narganes Storde, “Nueva Cronología De Varios Sitios De Puerto Rico Y Vieques,” *Proceedings of the 21st International Congress for Caribbean Archaeology* (Trinidad, 2005), pp. 275–281.
 969. J. Ginés, A. Ginés, J. J. Fornós, F. Gràcia, A. Merino, Noves observacions sobre l'espeleogènesi en el migjorn de Mallorca: Els condicionants litològics en alguns grans sistemes subterranis litorals. *Endins* **32**, 49–80 (2008).
 970. J. N. Andrews, A. Ginés, J. Pons-Moyà, P. L. Smart, M. Trias, Noves dades sobre el jaciments paleontològic de la Cova de na Barxa. *Endins* **14–15**, 17–25 (1989).
 971. P. Bover, thesis, Universitat de les Illes Balears (2004).
 972. J. A. Alcover, L. Roca, Noves aportacions al coneixement del gènere *Hypnomys* Bate 1918 i dels seus jaciments. *Speleon. Mem. Esp. Mon* **1**, 81–102 (1975).

973. E. Pereira, M. Salotti, Nouvelles données sur le peuplement mammalien endémique du Pléistocène de Corse. *Mammalia* **66**, 423–438 (2002). [doi:10.1515/mamm.2002.66.3.423](https://doi.org/10.1515/mamm.2002.66.3.423)
974. E. Pereira, M.-M. Ottaviani-Spella, M. Salotti, Nouvelle datation (Pléistocène moyen) du gisement de Punta di Calcina (Conca, Corse du Sud) par la découverte de *Talpa tyrrhenica* Bate, 1945 et d'une forme primitive de *Microtus (Tyrrhenicola) henseli* Forsyth-Major, 1882. *Geobios* **34**, 697–705 (2001). [doi:10.1016/S0016-6995\(01\)80031-0](https://doi.org/10.1016/S0016-6995(01)80031-0)
975. M. Sanges, J. A. Alcover, Noticia sobre la microfauna vertebrada holocénica de la Grotta Su Guanu o Gonagosoula (Oliena, Sardenya). *Endins* **7**, 57–62 (1980).
976. J. W. F. Reumer, Notes on the Soricidae (Insectivora, Mammalia) from Crete, part I. The Pleistocene species *Crocidura zimmermanni*. *Bonn. Zool. Beitr.* **37**, 161–171 (1986).
977. K. F. Koopman, M. K. Hecht, E. Ledecky-Janecek, Notes on the mammals of the Bahamas with special reference to the bats. *J. Mammal.* **38**, 164–174 (1957). [doi:10.2307/1376306](https://doi.org/10.2307/1376306)
978. M. Masseti, Notes on the diffusion in Sicily of the roe deer *Capreolus capreolus* (L., 1758) (Mammalia, Cervidae). *Biogeographia* **30**, 299–306 (2011). [doi:10.21426/B630110587](https://doi.org/10.21426/B630110587)
979. L. D. Brongersma, Notes on some recent and fossil cats, chiefly from the Malay Archipelago. *Zool. Meded.* **18**, 1–90 (1935).
980. D. A. Hooijer, Notes on some pontian mammals from Sicily, figured by Seguenza. *Arch. Neerl. Zool.* **7**, 301–333 (1946). [doi:10.1163/036551646X00031](https://doi.org/10.1163/036551646X00031)
981. L. W. Viñola López, O. H. Garrido, A. Bermúdez, Notes on *Mesocapromys sanfelipensis* (Rodentia: Capromyidae) from Cuba. *Zootaxa* **4410**, 164–176 (2018). [doi:10.11646/zootaxa.4410.1.9](https://doi.org/10.11646/zootaxa.4410.1.9) [Medline](#)
982. L. Bonfiglio, Notes and discussions on Marra, A.C. Evolution of endemic species, ecological interactions and geographical changes in an insular environment: A case study of Quaternary mammals of Sicily (Italy, EU). *Geosciences (Basel)* **3**, 616–625 (2013). [doi:10.3390/geosciences3040616](https://doi.org/10.3390/geosciences3040616)
983. J. de Vos, Notes about parallels in the evolution of the Pleistocene cervids from Greece (Crete, Kassos and Karpathos), Japan (the Ryukyu-islands) and Philippines (Masbate). *Hell. J. Geosci.* **41**, 127–140 (2006).
984. D. A. Hooijer, Note on *Coryphomys bühleri* Schaub, a gigantic murine rodent from Timor. *Isr. J. Zool.* **14**, 128–133 (1965). [Medline](#)
985. A. Muntaner, E. Palmer, Nota sobre el hallazgo de *Myotragus balearicus*, Bate en los aluviones de Búger (Mallorca). *Boll. Soc. Hist. Nat. Balears* **2**, 95–98 (1956).
986. A. Muntaner, E. Rotger, Nota preliminar sobre un nuevo yacimiento espeleológico con *Myotragus balearicus* Bate en Bunyola. *Boll. Soc. Hist. Nat. Balears* **2**, 99–105 (1956).
987. F. Gracia, B. Clamor, P. Gracia, A. Merino, P. Vega, G. Mulet, Nota preliminar del jaciment arqueològic de la font de ses Aiguades (Alcúdia, Mallorca). *Endins* **24**, 59–73 (2001).
988. L. D. Agenbroad, North American proboscideans: mammoths: the state of knowledge, 2003. *Quat. Int.* **126–128**, 73–92 (2005). [doi:10.1016/j.quaint.2004.04.016](https://doi.org/10.1016/j.quaint.2004.04.016)

989. S. W. Hixon, E. A. Elliott Smith, B. E. Crowley, G. H. Perry, J. Randrianasy, J. F. Ranaivoarisoa, D. J. Kennett, S. D. Newsome, Nitrogen isotope ($\delta^{15}\text{N}$) patterns for amino acids in lemur bones are inconsistent with aridity driving megafaunal extinction in south-western Madagascar. *J. Quaternary Sci.* **33**, 958–968 (2018). [doi:10.1002/jqs.3073](https://doi.org/10.1002/jqs.3073)
990. Y. Koda, H. Ando, K. Iizumi, H. Saegusa, W. Koike, T. Kato, T. Sonoda, H. Hasegawa, Newly found well-preserved cranium of *Stegolophodon pseudolatidens* (Yabe, 1950) (Proboscidea, Stegodontidae) and scapula of the Trionychidae (Testudines) from the Miocene Tamagawa Formation in Hitachi-Omiya City, Ibaraki Prefecture, and their significance. *Bull. Ibaraki Nat. Mus.* **21**, 1–15 (2018).
991. K. Takahashi, R. Hirayama, Newly discovered fossil deer skull from the Early Pleistocene Kazusa Formation, Kuchinotsu Group of West Kyushu. *J. Foss. Res.* **46**, 111–116 (2014).
992. B. J. Jensen, A. Dufrane, D. Mark, Y. Zaim, Y. Rizal, A. Aswan, A. Hascaryo, R. Ciochon, G. Gunnell, R. Larick, “Newly described tephra provide Middle Pleistocene age constraints to *Stegodon* fossils in west (Indonesian) Timor,” *2017 AGU Fall Meeting Abstracts* (2017), pp. V13C-0399.
993. F. Petchey, M. Phelan, J. P. White, New ΔR values for the southwest Pacific Ocean. *Radiocarbon* **46**, 1005–1014 (2004). [doi:10.1017/S0033822200036079](https://doi.org/10.1017/S0033822200036079)
996. T. H. Worthy, S. J. Hand, M. S. Lee, M. Hutchinson, A. J. Tennyson, R. P. Scofield, B. A. Marshall, J. P. Worthy, J. M. Nguyen, W. E. Boles, “New Zealand’s St Bathans Fauna: an update on its composition and relationships,” Geological Society of New Zealand Miscellaneous Publication 126 (Geological Society of New Zealand, 2009), pp. 40–43.
995. A. Bouteaux, A.-M. Moigne, New taphonomical approaches: The Javanese Pleistocene open-air sites (Sangiran, central Java). *Quat. Int.* **223–224**, 220–225 (2010). [doi:10.1016/j.quaint.2009.10.007](https://doi.org/10.1016/j.quaint.2009.10.007)
996. D. A. McFarlane, A. Vale, K. Christenson, J. Lundberg, G. Atilles, S. E. Lauritzen, New specimens of late Quaternary extinct mammals from caves in Sanchez Ramirez Province, Dominican Republic. *Caribb. J. Sci.* **36**, 163–166 (2000).
997. D. A. McFarlane, J. Lundberg, G. Maincent, New specimens of *Amblyrhiza inundata* (Rodentia: Caviomorpha) from the Middle Pleistocene of Saint Barthélemy, French West Indies. *Caribb. J. Earth Sci.* **47**, 15–19 (2014).
998. Fossil Elephant Research Group, New species of *Stegolophodon* found from the Shigarami Formation, Northern part of Nagano Prefecture, Japan. *Earth Sci. Chikyū Kagaku* **33**, 11–25 (1979).
999. A. Savorelli, F. Masini, P. P. A. Mazza, M. A. Rossi, S. Agostini, New species of *Deinogalerix* (Mammalia, Eulipotyphla) from the late Miocene of Scontrone (Abruzzo, central Italy). *Palaeontol. Electronica* **20**, 20.1.16A (2017). [doi:10.26879/672](https://doi.org/10.26879/672)
1000. B. Villier, M. Pavia, L. Rook, New remains of *Paralutra garganensis* Willemsen, 1983 (Mustelidae, Lutrinae) from the Late Miocene “Terre Rosse” of Gargano (Apulia, Italy). *Boll. Soc. Paleontol. Ital.* **50**, 135–143 (2011).

1001. D. Zoboli, G. L. Pillola, L. Rook, New remains of *Macaca majori* Azzaroli, 1946 (Primates, Cercopithecidae) from Is Oleris (Fluminimaggiore, southwestern Sardinia). *Boll. Soc. Paleontol. Ital.* **55**, 227–230 (2016).
1002. D. A. Hooijer, New records of mammals from the Middle Pleistocene of Sangiran, central Java. *Zool. Meded.* **40**, 73–88 (1964).
1003. M. A. Mannino, K. D. Thomas, New radiocarbon dates for hunter-gatherers and early farmers in Sicily. *Accord. Res. Pap.* **10**, 13–34 (2007).
1004. L. D. Agenbroad, “New pygmy mammoth (*Mammuthus exilis*) localities and radiocarbon dates from San Miguel, Santa Rosa, and Santa Cruz islands, California” in *Contributions to the Geology of the Northern Channel Islands, So. California*, P. W. Weigand, Ed. (Pacific Section of the American Association of Petroleum Geologists, 1998), pp. 169–176.
1005. S. B. Cooke, M. Tallman, A. Mychajliw, J. Almonte, G. Feliz, New primate femur from Pedernales Province, the Dominican Republic extends the range of Hispaniolan monkeys. *Am. J. Phys. Anthropol.* **159**, 121 (2016).
1006. D. M. A. Bate, New Pleistocene Murinae from Crete. *Ann. Mag. Nat. Hist.* **9**, 41–49 (1942). [doi:10.1080/03745481.1942.9755462](https://doi.org/10.1080/03745481.1942.9755462)
1007. T. F. Flannery, New Pleistocene marsupials (Macropodidae, Diprotodontidae) from subalpine habitats in Irian Jaya, Indonesia. *Alcheringa* **16**, 321–331 (1992). [doi:10.1080/03115519208619113](https://doi.org/10.1080/03115519208619113)
1008. L. Bonfiglio, G. Stefano, G. Insacco, A. C. Marra, New Pleistocene fissure-filling deposits from the Hyblean Plateau (South Eastern Sicily). *Riv. Ital. Paleontol. Stratigr.* **98**, 523–540 (1993).
1009. A. J. van der Meulen, G. G. Musser, New paleontological data from the continental Plio-Pleistocene of Java. *Deinsea* **7**, 361–368 (1999).
1010. R. D. E. MacPhee, J. L. White, C. A. Woods, New Megalonychid sloths (Phyllophaga, Xenarthra) from the Quaternary of Hispaniola. *Am. Mus. Novit.* **3303**, 1–32 (2000). [doi:10.1206/0003-0082\(2000\)3303<0001:NMSPXF>2.0.CO;2](https://doi.org/10.1206/0003-0082(2000)3303<0001:NMSPXF>2.0.CO;2)
1011. W. Dong, Q. Wei, W. Bai, L. Zhang, W. Liu, Z. Chen, Y. Bai, Y. Wu, New material of the Early Pleistocene *Elaphurus* (Artiodactyla, Mammalia) from North China and discussion on taxonomy of *Elaphurus*. *Quat. Int.* **519**, 113–121 (2019). [doi:10.1016/j.quaint.2018.05.015](https://doi.org/10.1016/j.quaint.2018.05.015)
1012. E. Aranda, L. W. Viñola-López, L. Álvarez-Lajonchere, New insights on the Quaternary fossil record of Isla de la Juventud, Cuba. *J. S. Am. Earth Sci.* **102**, 102656 (2020). [doi:10.1016/j.jsames.2020.102656](https://doi.org/10.1016/j.jsames.2020.102656)
1013. G. Goude, M. Willmes, R. Wood, P. Courtaud, F. Leandri, J. Cesari, R. Grün, New insights into Mesolithic human diet in the Mediterranean from stable isotope analysis: The sites of Campu Stefanu and Torre d’Aquila, Corsica. *Int. J. Osteoarchaeol.* **27**, 707–714 (2016). [doi:10.1002/oa.2578](https://doi.org/10.1002/oa.2578)

1014. J. Louys, S. O'Connor, P. Mahirta, P. Higgins, S. Hawkins, T. Maloney, New genus and species of giant rat from Alor Island, Indonesia. *J. Asia-Pac. Biodivers.* **11**, 503–510 (2018). [doi:10.1016/j.japb.2018.08.005](https://doi.org/10.1016/j.japb.2018.08.005)
1015. C. A. Mancina, L. Garcia-Rivera, New genus and species of fossil bat (Chiroptera: Phyllostomidae) from Cuba. *Caribb. J. Sci.* **41**, 22–27 (2005).
1016. F. Chesi, M. Delfino, L. Abbazzi, L. Carboni, R. L. Lecca L, New fossil vertebrate remains from S. Giovanni di Sinis (Late Pleistocene, Sardinia): The last *Mauremys* (Reptilia, Testudines) in the central Mediterranean. *Riv. Ital. Paleontol. Stratigr.* **113**, 287–297 (2007).
1017. H. E. Anthony, New fossil rodents from Porto Rico; with additional notes on *Elasmodontomys obliquus* Anthony and *Heteropsomys insulans* Anthony. *Bull. Am. Mus. Nat. Hist.* **37**, 183–193 (1917).
1018. J. Michaux, R. Hutterer, N. Lopez-Martinez, New fossil faunas from Fuerteventura, Canary Islands: Evidence for a Pleistocene age of endemic rodents and shrews. *C. R. Acad. Sci. Paris* **312**, 801–806 (1991).
1019. G. Mangano, G. Insacco, L. Bonfiglio, P. P. A. Mazza, New finds from San Teodoro Cave: An updating of the Middle Pleistocene fossil record from Acquedolci (north-eastern Sicily). *Palaeobiodivers. Palaeoenviron.* **100**, 1065–1076 (2020). [doi:10.1007/s12549-020-00430-7](https://doi.org/10.1007/s12549-020-00430-7)
1020. D. A. Burney, N. Vasey, L. R. Godfrey, W. L. Jungers, M. F. Ramarolahy, L. L. Raharivony, New findings at Andrahomana Cave, southeastern Madagascar. *J. Caves Karst Stud.* **70**, 13–24 (2008).
1021. U. P. Wibowo, B. Hakim, A. M. Saiful, New find of *Stegodon sompoensis* maxilla from Ciangkange, Soppeng, South Sulawesi. *J. Walennae* **17**, 143–154 (2019). [doi:10.24832/wln.v17i2.366](https://doi.org/10.24832/wln.v17i2.366)
1022. A. Anderson, G. Clark, S. Haberle, T. Higham, M. Nowak-Kemp, A. Prendergast, C. Radimilahy, L. M. Rakotozafy, J.-L. Ramilisonina, J.-L. Schwenninger, M. Virah-Sawmy, A. Camens, New evidence of megafaunal bone damage indicates late colonization of Madagascar. *PLOS ONE* **13**, e0204368 (2018). [doi:10.1371/journal.pone.0204368](https://doi.org/10.1371/journal.pone.0204368) [Medline](#)
1023. M. R. Palombo, M. Zedda, New evidence for the presence of endemic elephants from the late Pleistocene of Alghero (Northwestern Sardinia, Italy). *Alp. Mediterr. Quat.* **33**, 107–114 (2020).
1024. A. S. Mijares, F. D  troit, P. Piper, R. Gr  n, P. Bellwood, M. Aubert, G. Champion, N. Cueva, A. De Leon, E. Dizon, New evidence for a 67,000-year-old human presence at Callao Cave, Luzon, Philippines. *J. Hum. Evol.* **59**, 123–132 (2010). [doi:10.1016/j.jhevol.2010.04.008](https://doi.org/10.1016/j.jhevol.2010.04.008) [Medline](#)
1025. M. Tallman, S. B. Cooke, New endemic platyrrhine humerus from Haiti and the evolution of the Greater Antillean platyrrhines. *J. Hum. Evol.* **91**, 144–166 (2016). [doi:10.1016/j.jhevol.2015.10.010](https://doi.org/10.1016/j.jhevol.2015.10.010) [Medline](#)

1026. S. B. Cooke, M. Tallman, New endemic platyrrhine femur from Haiti: Description and locomotor analysis. *J. Hum. Evol.* **63**, 560–567 (2012). [doi:10.1016/j.jhevol.2012.05.008](https://doi.org/10.1016/j.jhevol.2012.05.008) [Medline](#)
1027. G. Iliopoulos, A. Athanassiou, G. Konstantinou, “New dwarf elephant material from the Pleistocene of Cyprus,” *Program and Abstracts, European Association of Vertebrate Palaeontologists 9th Annual Meeting*, Heraklion, Crete, Greece, 14 to 19 June 2011, pp. 14–19.
1028. B. Villier, L. W. van den Hoek Ostende, J. de Vos, M. Pavia, New discoveries on the giant hedgehog *Deinogalerix* from the Miocene of Gargano (Apulia, Italy). *Geobios* **46**, 63–75 (2013). [doi:10.1016/j.geobios.2012.10.001](https://doi.org/10.1016/j.geobios.2012.10.001)
1029. P. M. Rinaldi, F. Masini, New data on the taxonomy of the endemic Myomiminae (Gliridae, Rodentia) from the Late Miocene-Early Pliocene of Gargano (southern Italy) with the description of the new species *Stertomys degiulii*. *Boll. Soc. Paleontol. Ital.* **48**, 189–233 (2009).
1030. D. Petruso, F. Taschetta, New data on the Middle Pleistocene endemic Sicilian hippo (*Hippopotamus pentlandi*). *Nat. Rerum* **1**, 5–20 (2011).
1031. E. Pereira, J. Michaux, S. Montuire, “New data on the extinct endemic rodents *Tyrrhenicola* and *Rhagamys* (Rodentia, Muridae) of Corsica (France) with special emphasis on their dental morphology and adaptation” in *Proceedings of the International Symposium “Insular Vertebrate Evolution: the Palaeontological Approach”: September, 16-19 Mallorca* (Societat d’Història Natural de les Balears, 2005), pp. 277–286.
1032. A. Savorelli, New data on the Cricetidae from the Miocene “Terre Rosse” of Gargano (Apulia, Italy). *Geobios* **46**, 77–88 (2013). [doi:10.1016/j.geobios.2012.10.002](https://doi.org/10.1016/j.geobios.2012.10.002)
1033. V. Forgia, P. Martín, J. M. López-García, A. Ollé, J. M. Vergès, E. Allué, D. E. Angelucci, M. Arnone, H.-A. Blain, F. Burjachs, I. Expósito, A. Messina, L. Picornell, A. Rodríguez, G. Scopelliti, L. Sineo, G. Virruso, E. Alessi, G. Di Simone, J. I. Morales, E. Pagano, O. Belvedere, New data on Sicilian prehistoric and historic evolution in a mountain context, Vallone Inferno (Scillato, Italy). *C. R. Palevol* **12**, 115–126 (2013). [doi:10.1016/j.crpv.2012.11.002](https://doi.org/10.1016/j.crpv.2012.11.002)
1034. B. Rzebik-Kowalska, B. W. Wołoszyn, New data on *Nesophontes* subfossil populations from Cuba and Isla de la Juventud (Cuba). *Neues Jahrb. Geol. Paläontol. Abh.* **263**, 155–166 (2012). [doi:10.1127/0077-7749/2012/0220](https://doi.org/10.1127/0077-7749/2012/0220)
1035. N. K. Symeonides, G. E. Theodorou, V. I. Giannopoulos, “New data on *Elephas chaniensis* (Vamós cave, Chania, Crete)” in *The world of Elephants. Proceedings of the 1st International Congress*, G. Cavaretta, P. Gioia, M. Mussi, M. R. Palombo, Eds. (Roma, 2001), pp. 510–513.
1036. L. B. Halenar, S. B. Cooke, A. L. Rosenberger, R. Rímoli, New cranium of the endemic Caribbean platyrrhine, *Antillothrix bernensis*, from La Altagracia Province, Dominican Republic. *J. Hum. Evol.* **106**, 133–153 (2017). [doi:10.1016/j.jhevol.2017.02.002](https://doi.org/10.1016/j.jhevol.2017.02.002) [Medline](#)
1037. R. D. E. MacPhee, I. Horovitz, New craniodental remains of the Quaternary Jamaican monkey *Xenothrix mcgregori* (Xenotrichini, Callicebinae, Pitheciidae), with a

- reconsideration of the *Aotus* hypothesis. *Am. Mus. Novit.* **3434**, 1–51 (2004).
[doi:10.1206/0003-0082\(2004\)434<0001:NCROTQ>2.0.CO;2](https://doi.org/10.1206/0003-0082(2004)434<0001:NCROTQ>2.0.CO;2)
1038. M. Duval, K. Westaway, J. Zaim, Y. Rizal, Aswan, M. R. Puspaningrum, A. Trihascaryo, P. C. H. Albers, H. E. Smith, G. M. Drawhorn, G. J. Price, J. Louys, New chronological constraints for the Late Pleistocene fossil assemblage and associated breccia from Ngalau Sampit, Sumatra. *Open Quat.* **7**, 9 (2021). [doi:10.5334/oq.96](https://doi.org/10.5334/oq.96)
 1039. J. Orihuela, L. W. Viñola, R. A. Viera, New bat locality records from Cuba with emphasis on the province of Matanzas. *Novit. Caribaea* **15**, 96–116 (2020).
[doi:10.33800/nc.vi15.218](https://doi.org/10.33800/nc.vi15.218)
 1040. R. G. Roberts, T. F. Flannery, L. K. Ayliffe, H. Yoshida, J. M. Olley, G. J. Prideaux, G. M. Laslett, A. Baynes, M. A. Smith, R. Jones, B. L. Smith, New ages for the last Australian megafauna: Continent-wide extinction about 46,000 years ago. *Science* **292**, 1888–1892 (2001). [doi:10.1126/science.1060264](https://doi.org/10.1126/science.1060264) [Medline](#)
 1041. L. D. Agenbroad, New absolute dates and comparisons for California's *Mammuthus exilis*. *Deinsea* **9**, 1–16 (2003).
 1042. G. H. R. von Koenigswald, Neue *Pithecanthropus*-Funde 1936–1938. *Wet. Meded. K. Ned. Natuurhist* **28**, 1–132 (1940).
 1043. J. Rofes, P. Bover, G. Cuenca-Bescós, J. A. Alcover, *Nesiotites rafelinensis* sp. nov., the earliest shrew (Mammalia, Soricidae) from the Balearic Islands, Spain. *Palaeontol. Electronica* **15**, 8 (2012). [doi:10.26879/282](https://doi.org/10.26879/282)
 1044. J. Louys, M. Herrera, S. Hawkins, K. Aplin, C. Reepmeyer, F. Hopf, S. C. Donnellan, S. O'Connor, D. A. Tanudirjo, “Neolithic dispersal implications of murids from late Holocene archaeological and modern natural deposits in the Talaud Islands, northern Sulawesi” in *The Archaeology of Sulawesi: Current Research on the Pleistocene to the Historic Period*, S. O'Connor, D. Bulbeck, J. Meyer, Eds., vol. 48 of *Terra Australis* (ANU Press, 2018), pp. 223–242.
 1045. J. Agustí, S. Moyà-Solà, “Neogene-Quaternary mammalian faunas of the Balearics” in *Atti Convegni Lincei (Roma)* (Accademia Nazionale dei Lincei, 1990), pp. 459–468.
 1046. Y. Iryu, H. Matsuda, “Neogene and Quaternary systems” in *Nihon chiho chishitsushi 8 Kyushu Okinawa chiho* [Regional Geology of Japan 8, Kyushu and Okinawa Districts] (Asakura-shoten Tokyo, 2010), pp. 149–154.
 1047. P. H. de Buisonjé, thesis, Universiteit van Amsterdam, The Hague (1974).
 1048. J. G. Martínez-López, Natural and anthropogenic factors as taphonomic agents in the differential preservation of paleontological remains from the fossil deposit “Las Llanadas”, Central Cuba. *Novit. Caribaea* **13**, 92–114 (2019). [doi:10.33800/nc.v0i13.194](https://doi.org/10.33800/nc.v0i13.194)
 1049. R. Hutterer, P. Oromí, “La rata gigante de la Isla Santa Cruz, Galápagos: algunos datos y problemas.” (Resultados Científicos del Proyecto Galapagos, Patrimonio de la Humanidad 4, Museo de Ciencias Naturales, Tenerife (TFMC), 1993), pp. 63–76.
 1050. A. Savorelli, F. Masini, *Mystemys giganteus* n. gen. et sp.: An enigmatic and rare cricetid from the Terre Rosse M013 fissure filling (Gargano, Southeastern Italy).

- Palaeontographica Abt. A Paläozool. Stratigr.* **306**, 1–23 (2016).
[doi:10.1127/pala/306/2016/1](https://doi.org/10.1127/pala/306/2016/1)
1051. S. Moyà-Solà, J. Pons-Moyà, *Myotragus peptonellae* nov. sp. un primitivo representante del género *Myotragus* Bate 1909 (Bovidae, Mammalia) en la isla de Mallorca (Balears). *Acta Geol. Hisp* **17**, 77–87 (1982).
1052. S. Moyà-Solà, J. Pons-Moyà, *Myotragus kopperi*, une nouvelle espèce de *Myotragus* Bate 1909 (Mammalia, Artiodactyla, Rupicaprini). *Proc. Kon. Ned. Akad. Wetensch. B.* **84**, 57–69 (1981).
1053. R. H. Colten, B. Worthington, Museum collections and Archaic era vertebrate faunal remains from Cuba. *Environ. Archaeol.* **24**, 211–227 (2019).
[doi:10.1080/14614103.2018.1500157](https://doi.org/10.1080/14614103.2018.1500157)
1054. L. A. Curet, J. R. Oliver, Mortuary practices, social development, and ideology in Precolumbian Puerto Rico. *Lat. Am. Antiq.* **9**, 217–239 (1998). [doi:10.2307/971729](https://doi.org/10.2307/971729)
1055. M. O. Kubo, M. Fujita, S. Matsu'ura, M. Kondo, G. Suwa, Mortality profiles of late Pleistocene deer remains of Okinawa Island: Evidence from the Hananda-Gama cave and Yamashita-cho cave I sites. *Anthropol. Sci.* **119**, 183–201 (2011).
[doi:10.1537/ase.091215](https://doi.org/10.1537/ase.091215)
1056. J. J. Hennekam, R. B. J. Benson, V. L. Herridge, N. Jeffery, E. Torres-Roig, J. A. Alcover, P. G. Cox, Morphological divergence in giant fossil dormice. *Proc. R. Soc. London Ser. B* **287**, 20202085 (2020). [doi:10.1098/rspb.2020.2085](https://doi.org/10.1098/rspb.2020.2085) [Medline](#)
1057. M. Rezsutek, G. N. Cameron, Mormoops megalophylla. *Mamm. Species* **448**, 1–5 (1993).
[doi:10.2307/3504289](https://doi.org/10.2307/3504289)
1058. M. R. Palombo, T. Kotsakis, F. Marcolini, C. Angelone, M. Arca, C. Tuveri, “Monte Tuttavista (Orosei)” in *Fossil Mammalian Biotas of Sardinia, Italy, Fieldtrip Guide-Book* (PUBBLIEDIL SERVICE, Pirri (CA), 2008), pp. 78–85.
1059. N. S. Upham, R. Borroto-Páez, Molecular phylogeography of endangered Cuban hutias within the Caribbean radiation of capromyid rodents. *J. Mammal.* **98**, 950–963 (2017).
[doi:10.1093/jmammal/gyx077](https://doi.org/10.1093/jmammal/gyx077)
1060. P. Bover, K. J. Mitchell, B. Llamas, J. Rofes, V. A. Thomson, G. Cuenca-Bescós, J. A. Alcover, A. Cooper, J. Pons, Molecular phylogenetics supports the origin of an endemic Balearic shrew lineage (*Nesiotites*) coincident with the Messinian Salinity Crisis. *Mol. Phylogenet. Evol.* **125**, 188–195 (2018). [doi:10.1016/j.ympev.2018.03.028](https://doi.org/10.1016/j.ympev.2018.03.028) [Medline](#)
1061. C. Lalueza-Fox, J. Castresana, L. Sampietro, T. Marquès-Bonet, J. A. Alcover, J. Bertranpetit, Molecular dating of caprines using ancient DNA sequences of *Myotragus balearicus*, an extinct endemic Balearic mammal. *BMC Evol. Biol.* **5**, 70 (2005).
[doi:10.1186/1471-2148-5-70](https://doi.org/10.1186/1471-2148-5-70) [Medline](#)
1062. J. Orihuela, O. Jiménez Vázquez, J. F. Garcell, Modificaciones tafonómicas en restos óseos: Ejemplos arqueológicos y paleontológicos de Mayabeque y Matanzas, Cuba. *Cuba Arqueol.* **9**, 13–36 (2016).

1063. S. Grouard, Modes de vie des Précolombiens des Antilles françaises: Synthèse des données archéozoologiques. *Nouv. Archéologie* **108/109**, 91–101 (2007).
[doi:10.4000/nda.152](https://doi.org/10.4000/nda.152)
1064. E. Hadjisterkotis, R. Keshen, “Misconceptions about the fossil bones of the large mammals of Cyprus from prehistoric times until today,” *Proceedings of the XXVth International Congress of the International Union of Game Biologists-IUGB and the IXth International Symposium Perdix* (Ministry of the Interior Nicosia, and Department of Philosophy University of Cape Breton, Sydney N.S. Canada, 2005), vol. 2, pp. 29–49.
1065. M. Rustioni, P. Mazza, A. Azzaroli, G. Boscagli, F. Cozzini, E. D. Vito, M. Masseti, A. Pisanè, Miocene vertebrate remains from Scontrone, National Park of Abruzzi, Central Italy. *Atti Accad. Naz. Lincei Rend. Lincei Sci. Fis. Nat.* **3**, 227–237 (1992).
[doi:10.1007/BF03001569](https://doi.org/10.1007/BF03001569)
1066. S. J. Hand, T. H. Worthy, M. Archer, J. P. Worthy, A. J. D. Tennyson, R. P. Scofield, Miocene mystacinids (Chiroptera, Noctilionoidea) indicate a long history for endemic bats in New Zealand. *J. Vertebr. Paleontol.* **33**, 1442–1448 (2013).
[doi:10.1080/02724634.2013.775950](https://doi.org/10.1080/02724634.2013.775950)
1067. S. J. Hand, D. E. Lee, T. H. Worthy, M. Archer, J. P. Worthy, A. J. D. Tennyson, S. W. Salisbury, R. P. Scofield, D. C. Mildenhall, E. M. Kennedy, J. K. Lindqvist, Miocene fossils reveal ancient roots for New Zealand’s endemic *Mystacina* (Chiroptera) and its rainforest habitat. *PLOS ONE* **10**, e0128871 (2015). [doi:10.1371/journal.pone.0128871](https://doi.org/10.1371/journal.pone.0128871)
[Medline](#)
1068. E. M. Melas, Minoan and Mycenaean settlement in Kasos and Karpathos. *Bull. Univ. Lond. Inst. Class. Stud.* **30**, 53–61 (1983). [doi:10.1111/j.2041-5370.1983.tb00435.x](https://doi.org/10.1111/j.2041-5370.1983.tb00435.x)
1069. I. Rouse, *Migrations in Prehistory: Inferring Population Movement from Cultural Remains* (Yale Univ. Press, 1986).
1070. E. Locatelli, R. A. Due, L. W. Jatmiko, L. W. van den Hoek Ostende, Middle-sized murids from Liang Bua (Flores, Indonesia): Insular endemics, human introductions and palaeoenvironment. *Palaeobiodivers. Palaeoenviron.* **95**, 497–512 (2015).
[doi:10.1007/s12549-015-0204-1](https://doi.org/10.1007/s12549-015-0204-1)
1071. T. Inada, Y. Kawamura, Middle Pleistocene cave sediments and their mammalian fossil assemblage discovered at Tarumi, Niimi, Okayama Prefecture, Western Japan. *Quat. Res.* **43**, 331–344 (2004). [doi:10.4116/jaqua.43.331](https://doi.org/10.4116/jaqua.43.331)
1072. L. Bonfiglio, Middle and Upper Pleistocene mammal faunas in the islands of Sicily and Malta: Analogies and palaeogeographic implications. *Int. Union Quat. Res. Newsl.* **14**, 52–56 (1992).
1073. M. Fujita, Y. Kawamura, Middle and Late Pleistocene wild boar remains from Locality 1 of Ube Kosan quarry in Yamaguchi Prefecture and from the Kannondo Cave site in Hiroshima Prefecture, Western Japan. *Quat. Res.* **40**, 149–160 (2001).
[doi:10.4116/jaqua.40.149](https://doi.org/10.4116/jaqua.40.149)
1074. Y. Kawamura, T. Kamei, H. Taruno, Middle and Late Pleistocene mammalian faunas in Japan. *Quat. Res.* **28**, 317–326 (1989). [doi:10.4116/jaqua.28.317](https://doi.org/10.4116/jaqua.28.317)

1075. K. F. Rijdsdijk, J. P. Hume, F. Bunnik, F. V. Florens, C. Baider, B. Shapiro, J. van der Plicht, A. Janoo, O. Griffiths, L. W. van den Hoek Ostende, H. Cremer, T. Vernimmen, P. G. B. De Louw, A. Bholah, S. Saumtally, N. Porch, J. Haile, M. Buckley, M. Collins, E. Gittenberger, Mid-Holocene vertebrate bone Concentration-Lagerstätte on oceanic island Mauritius provides a window into the ecosystem of the dodo (*Raphus cucullatus*). *Quat. Sci. Rev.* **28**, 14–24 (2009). [doi:10.1016/j.quascirev.2008.09.018](https://doi.org/10.1016/j.quascirev.2008.09.018)
1076. M. R. Palombo, R. T. Melis, G. L. Pillola, “Mid to Late Pleistocene at Funtana Morimenta–Gonnesa.” in *Fossil Mammalian Biotas of Sardinia, Italy, Fieldtrip Guide-Book* (PUBLIEDIL SERVICE, Pirri (CA), 2008), pp. 69–71.
1077. F. Marcolini, C. Tuveri, M. Arca, T. Kotsakis, *Microtus (Tyrrenicola) sondaari* n. sp. (Arvicolidae, Rodentia) from Monte Tuttavista (Sardinia, Italy). *Hell. J. Geosci.* **41**, 73–82 (2006).
1078. O. Wedage, A. Picin, J. Blinkhorn, K. Douka, S. Deraniyagala, N. Kourampas, N. Perera, I. Simpson, N. Boivin, M. Petraglia, P. Roberts, Microliths in the South Asian rainforest ~45–4 ka: New insights from Fa-Hien Lena Cave, Sri Lanka. *PLOS ONE* **14**, e0222606 (2019). [doi:10.1371/journal.pone.0222606](https://doi.org/10.1371/journal.pone.0222606) [Medline](#)
1079. S. Hawkins, F. S. Arumdhathi, M. Litster, T. S. Lim, G. Basile, M. Leclerc, C. Reepmeyer, T. R. Maloney, C. Boulanger, J. Louys, Mahirta, G. Clark, G. Keling, R. C. Willan, P. Yuwono, S. O’Connor, Metal-Age maritime culture at Jareng Bori rockshelter, Pantar Island, eastern Indonesia. *Rec. Aust. Mus.* **72**, 237–262 (2020). [doi:10.3853/j.2201-4349.72.2020.1726](https://doi.org/10.3853/j.2201-4349.72.2020.1726)
1080. D. Lo Vetro, F. Martini, Mesolithic in central–southern Italy: Overview of lithic productions. *Quat. Int.* **423**, 279–302 (2016). [doi:10.1016/j.quaint.2015.12.043](https://doi.org/10.1016/j.quaint.2015.12.043)
1081. G. F. Willemsen, *Megalenhydris* and its relationship to *Lutra* reconsidered. *Hell. J. Geosci.* **41**, 83–87 (2006).
1082. MCZBASE: The Database of the Zoological Collections Museum of Comparative Zoology, Harvard University (2022); <https://mczbase.mcz.harvard.edu/>.
1083. H. Selimiotis, thesis, The Australian National University (2006).
1084. J. M. Erlandson, T. J. Braje, A. F. Ainis, B. J. Culleton, K. M. Gill, C. A. Hofman, D. J. Kennett, L. A. Reeder-Myers, T. C. Rick, Maritime Paleoindian technology, subsistence, and ecology at an ~11,700 year old Paleocoastal site on California’s Northern Channel Islands, USA. *PLOS ONE* **15**, e0238866 (2020). [doi:10.1371/journal.pone.0238866](https://doi.org/10.1371/journal.pone.0238866) [Medline](#)
1085. J. Southon, M. Kashgarian, M. Fontugne, B. Metivier, W. W.-S. Yim, Marine reservoir corrections for the Indian Ocean and Southeast Asia. *Radiocarbon* **44**, 167–180 (2002). [doi:10.1017/S0033822200064778](https://doi.org/10.1017/S0033822200064778)
1086. R. J. DiNapoli, S. M. Fitzpatrick, M. F. Napolitano, T. C. Rick, J. H. Stone, N. P. Jew, Marine reservoir corrections for the Caribbean demonstrate high intra-and inter-island variability in local reservoir offsets. *Quat. Geochronol.* **61**, 101126 (2021). [doi:10.1016/j.quageo.2020.101126](https://doi.org/10.1016/j.quageo.2020.101126)

1087. J. Abdullah, *Mansuli Valley, Lahad Datu, Sabah in the Prehistory of Southeast Asia (Penerbit USM)* (Penerbit Universiti Sains Malaysia, 2017).
1088. T. Kotsakis, M. R. Palombo, C. Angelone, R. T. Melis, F. Fanelli, “Mandriola-Capo Mannu” in *Fossil Mammalian Biotas of Sardinia, Italy, Fieldtrip Guide-Book* (PUBBLIEDIL SERVICE, Pirri (CA), 2008), pp. 58–64.
1089. K. Iizumi, H. Ando, K. Suzuki, Y. Koda, Mandibular morphology of *Stegolophodon pseudolatidens* (Proboscidea, Stegodontidae) from the lower Miocene of Japan. *Paleontol. Res.* **25**, 279–297 (2021). [doi:10.2517/2020PR025](https://doi.org/10.2517/2020PR025)
1090. R. Adrover, J. Cuerda, Mandíbula de *Myotragus* de “Es Bufador” (Mallorca) con dos incisivos y dos premolares. *Acta Geol. Hisp* **4**, 99–103 (1969).
1091. R. Adrover, J. Cuerda, Mandíbula de *Myotragus* con dos incisivos y dos premolares. *Boll. Soc. Hist. Nat. Balears* **14**, 125–142 (1968).
1092. C. Firmat, H. G. Rodrigues, S. Renaud, J. Claude, R. Hutterer, F. Garcia-Talavera, J. Michaux, Mandible morphology, dental microwear, and diet of the extinct giant rats *Canariomys* (Rodentia: Murinae) of the Canary Islands (Spain). *Biol. J. Linn. Soc. Lond.* **101**, 28–40 (2010). [doi:10.1111/j.1095-8312.2010.01488.x](https://doi.org/10.1111/j.1095-8312.2010.01488.x)
1093. D. A. Hooijer, *Man and Other Mammals from Toalian Sites in South-Western Celebes*, vol. 46 of *Verh. Kon. Ned. Akad. Wetensch. Afd. Natuurk* (North-Holland Publishing Company, 1950).
1094. L. D. Agenbroad, J. R. Johnson, D. Morris, T. W. Stafford Jr., “Mammoths and humans as late Pleistocene contemporaries on Santa Rosa Island,” *Proceedings of the Sixth California Islands Symposium* (Institute for Wildlife Studies, Arcata, CA, USA, 2005), pp. 3–7.
1095. A. M. Wenner, J. Cushing, E. Noble, M. Daly, Mammoth radiocarbon dates from the northern Channel Islands, California. *Proceedings of the Society for California Archaeology* **4**, 221–226 (1991).
1096. V. Simonelli, Mammiferi quaternari dell’isola di Candia I. *Mem. Accad. Delle Sci. Inst. Bologna Cl. Sci. Fis.* **4**, 455–471 (1907).
1097. V. Simonelli, Mammiferi quaternari dell’isola di Candia II. *Mem. Accad. Delle Sci. Inst. Bologna Cl. Sci. Fis.* **5**, 103–111 (1908).
1098. T. F. Flannery, *Mammals of the South-West Pacific & Moluccan Islands* (Cornell Univ. Press, 1995).
1099. H. E. Anthony, “Mammals of Porto Rico, Living and Extinct - Rodentia and Edentata” in *Scientific Survey of Porto Rico and the Virgin Islands* (New York Academy of Sciences, 1927), pp. 97–244.
1100. H. E. Anthony, “Mammals of Porto Rico, Living and Extinct - Chiroptera and Insectivora” in *Scientific Survey of Porto Rico and the Virgin Islands* (New York Academy of Sciences, 1927), pp. 1–96.
1101. G. S. Miller, Mammals eaten by Indians, owls, and Spaniards in the coast region of the Dominican Republic. *Smithson. Misc. Collect.* **82**, 1–16 (1929).

1102. H. E. Anthony, Mammals collected in Eastern Cuba in 1917. With descriptions of two new species. *Bull. Am. Mus. Nat. Hist.* **41**, 625–643 (1919).
1103. G. S. Miller, Mammals and reptiles collected by Theodoor de Booy in the Virgin Islands. *Proc. U. S. Natl. Mus.* **54**, 507–511 (1918). [doi:10.5479/si.00963801.54-2244.507](https://doi.org/10.5479/si.00963801.54-2244.507)
1104. K. Aplin, J. Pasveer, “Mammals and Other Vertebrates from Late Quaternary Archaeological Sites on Pulau Kobroor, Aru Islands, Eastern Indonesia” in *The Archaeology of the Aru Islands, Eastern Indonesia*, S. O’Connor, M. Spriggs, P. Veth, Eds., vol. 22 of *Terra Australis* (Pandanus Books, Research School of Pacific and Asian Studies, Australian National University, 2005), pp. 41–62.
1105. A. Moigne, F. Sémah, A. Sémah, A. Bouteaux, R. D. Awe, “Mammalian fossils from two sites of the Sangiran dome (Central Jawa, Indonesia), in the biostratigraphical framework of the Jawanese Pleistocene,” *Proceeding of the 18th International Senckenberg Conference* (Weimar, 2004), pp. 1–3.
1106. J. Louys, Mammal community structure of Sundanese fossil assemblages from the Late Pleistocene, and a discussion on the ecological effects of the Toba eruption. *Quat. Int.* **258**, 80–87 (2012). [doi:10.1016/j.quaint.2011.07.027](https://doi.org/10.1016/j.quaint.2011.07.027)
1107. L. R. Godfrey, B. E. Crowley, Madagascar’s ephemeral palaeo-grazer guild: Who ate the ancient C4 grasses? *Proc. R. Soc. London Ser. B* **283**, 20160360 (2016). [doi:10.1098/rspb.2016.0360](https://doi.org/10.1098/rspb.2016.0360) [Medline](#)
1108. D. M. A. Bate, LXXVII.—On the occurrence of *Acomys* in Cyprus. *Ann. Mag. Nat. Hist.* **11**, 565–567 (1903). [doi:10.1080/00222930308678817](https://doi.org/10.1080/00222930308678817)
1109. G. F. Willemssen, *Lutrogale palaeoleptonyx* (Dubois, 1908). A fossil otter from Java in the Dubois collection. *Verh. K. Akad. Van Wet. B.* **89**, 195–200 (1986).
1110. T. De Booy, Lucayan remains on the Caicos Islands. *Am. Anthropol.* **14**, 81–105 (1912). [doi:10.1525/aa.1912.14.1.02a00050](https://doi.org/10.1525/aa.1912.14.1.02a00050)
1111. J. Cuerda, *Los tiempos Cuaternarios en Baleares* (Instituto de Estudios Baleáricos, Palma, 1975).
1112. Y. M. Narganes Storde, “Los Restos Faunísticos Del Sitio De Puerto Ferro Vieques, Puerto Rico,” *Proceedings of the Fourteenth Congress of the International Association for Caribbean Archaeology* (Barbados Museum and Historical Society, Barbados, 1991), pp. 94–114.
1113. G. Silva Toboada, *Los Murciélagos de Cuba* (Editora de la Academia de Ciencias de Cuba, La Habana, Cuba, 1979).
1114. W. H. Waldren, Los materiales encontrados en la Cueva de Son Muleta. *Boll. Soc. Hist. Nat. Balears* **12**, 47–49 (1966).
1115. J. Quintana, J. Agustí, Los mamíferos insulares del Mioceno medio y superior de Menorca (islas Baleares, Mediterráneo occidental. *Geobios* **40**, 677–687 (2007). [doi:10.1016/j.geobios.2006.11.007](https://doi.org/10.1016/j.geobios.2006.11.007)
1116. C. Arredondo Antunez, thesis, Facultad de Ciencias Naturales, Instituto Superior Pedagógico “EJ Varona,” La Habana, Cuba (1999).

1117. C. M. Stimpson, Local scale, proxy evidence for the presence of closed canopy forest in North-western Borneo in the late Pleistocene: Bones of Strategy I bats from the archaeological record of the Great Cave of Niah, Sarawak. *Palaeogeogr. Palaeoclimatol. Palaeoecol.* **331–332**, 136–149 (2012). [doi:10.1016/j.palaeo.2012.03.007](https://doi.org/10.1016/j.palaeo.2012.03.007)
1118. F. Delussu, “Lo stato attuale degli studi sulle faune oloceniche della Sardegna centro-settentrionale” in *Atti del 2° Convegno Nazionale di Archeozoologia (Asti, 1997)* (ABACO Edizioni, Forlì, Italy, 2000), pp. 183–192.
1119. B. Accordi, Lo scavo della “Grotta Simonelli”, con cervi nani del Quaternario, effettuato a Creta nel 1971 dall’Istituto di Geologia e Paleontologia dell’Università di Roma, con il finanziamento dell’Accademia Nazionale dei Lincei. *Atti Accad. Naz. Lincei* **167**, 3–17 (1972).
1120. G. K. Pregill, R. I. Crombie, D. W. Steadman, L. K. Gordon, F. W. Davis, W. B. Hilgartner, Living and late Holocene fossil vertebrates, and the vegetation of the Cockpit Country, Jamaica. *Atoll Res. Bull.* **353**, 1–19 (1991). [doi:10.5479/si.00775630.353.1](https://doi.org/10.5479/si.00775630.353.1)
1121. C. Arredondo Antúñez, W. Suarez Duque, D. Valdes, Lista de las especies vertebradas extintas y vivientes de la Sierra de Anafe, La Habana. *Orbita Cient.* **2** (1997).
1122. J. Louys, Limited effect of the Quaternary’s largest super-eruption (Toba) on land mammals from Southeast Asia. *Quat. Sci. Rev.* **26**, 3108–3117 (2007). [doi:10.1016/j.quascirev.2007.09.008](https://doi.org/10.1016/j.quascirev.2007.09.008)
1123. R. Rozzi, M. R. Palombo, Lights and shadows in the evolutionary patterns of insular bovids. *Integr. Zool.* **9**, 213–228 (2014). [doi:10.1111/1749-4877.12055](https://doi.org/10.1111/1749-4877.12055) [Medline](#)
1124. S. O’Connor, K. Aplin, K. Szabó, J. Pasveer, P. Veth, M. Spriggs, “Liang Lemdubu, a Pleistocene cave site in the Aru Islands” in *The Archaeology of the Aru Islands, Eastern Indonesia*, S. O’Connor, M. Spriggs, P. Veth, Eds., vol. 22 of *Terra Australis* (Pandanus Books, Research School of Pacific and Asian Studies, Australian National University, 2005), pp. 171–204.
1125. D. Gommery, B. Ramanivosoa, P. Mein, F. Sénégas, M. Faure, C. Guérin, Les recherches franco-malgaches à Belobaka de 2003 à 2012 (Province de Mahajanga, nord-ouest de Madagascar). *Rev. Paléobiol. Mus. D’Histoire Nat. Ville Geneve* **37**, 469–481 (2018).
1126. J. A. Alcover, Les rates pinyades (Mammalia: Chiroptera) fòssils del jaciment paleontològic del Pouàs (St. Antonia de Portmany, Eivissa. *Endins* **25**, 141–154 (2003).
1127. J. A. Alcover, S. Moyà-Solà, J. Pons-Moyà, *Les Quimeres del Passat. Els Vertebrats Fòssils del Plio-Quaternari de les Balears i Pitiüses, Monografies Científiques* (Moll, Moll, Palma, 1981).
1128. C. Guérin, M. Faure, “Les grands mammifères” in *Géologie de la Préhistoire, Méthodes, Techniques, Applications* (AEEGP, Paris), pp. 859–887.
1129. C. Ducloz, Les formations quaternaires de la région de Klepini (Chypre) et leur place dans la chronologie du Quaternaire méditerranéen. *Arch. Sci. Genève* **20**, 123–198 (1968).
1130. J. Hürzeler, B. Engesser, Les faunes mammifères néogènes du Bassin de Baccinello (Grosseto, Italie). *C. R. Acad. Sci. Paris Ser. D* **283**, 333–336 (1976).

1131. A. Ginard, P. Bover, D. Vicens, D. Crespí, Les exploracions espeleològiques a les illes Balears: El paper de s'Speleo Club Mallorca. *Endins* **36**, 27–50 (2014).
1132. R. Vaufrej, Les Eléphants nains des îles méditerranéennes, et la question des isthmes pléistocènes. *Arch. Inst. Paleontol. Hum.* **6**, 1–220 (1929).
1133. M. Trias, F. Mir, Les coves de la zona de Can Frasquet-Cala Varques. *Endins* **4**, 21–42 (1977).
1134. F. Gracia, B. Clamor, J. J. Lavergne, Les coves de Cala Varques (Manacor, Mallorca). *Endins* **23**, 41–57 (2000).
1135. F. Gràcia, D. Jaume, D. Ramis, J. J. Fornós, P. Bover, B. Clamor, M. A. Gual, M. Vadell, Les coves de Cala Anguila (Manacor, Mallorca). II: La cova Genovesa o cova d'en Bessó. Espeleogènesi, geomorfologia, hidrologia, sedimentologia, fauna, paleontologia, arqueologia i conservació. *Endins* **25**, 43–86 (2003).
1136. F. Gràcia, B. Clamor, M. A. Gual, P. Watkinson, M. A. Dot, Les coves de Cala Anguila (Manacor, Mallorca). I: Descripció de les cavitats i història de les exploracions. *Endins* **25**, 23–42 (2003).
1137. L. Capasso Barbato, Les Cervidés endémiques de Crète. *Quaternaire* **1**, 265–270 (1990). [doi:10.3406/quate.1990.1943](https://doi.org/10.3406/quate.1990.1943)
1138. A. Ginard, P. Bover, D. Vicens, D. Crespí, M. Vadell, M. A. Barceló, Les cavitats de la Serra de na Burguesa. Zona 9: Son Boronat-L'Hostalet (2a part) (Calvià, Mallorca). *Endins* **33**, 105–120 (2009).
1139. D. Vicens, D. Crespí, P. Bover, A. Ginard, M. Vadell, M. A. Barceló, Les cavitats de la serra de Na Burguesa. Zona 7: Les coves del Pilar i les mines de guix. *Endins* **27**, 47–74 (2005).
1140. M. A. Barceló, P. Bover, A. Ginard, M. Vadell, D. Crespí, D. Vicens, Les cavitats de la serra de Na Burguesa. Zona 5: Coma des Mal Pas (Calvià i Palma, Mallorca). *Endins* **25**, 87–106 (2003).
1141. D. Vicens, D. Crespí, V. Pla, M. A. Barceló, F. Gracia, A. Ginard, P. Bover, Les cavitats de la serra de Na Burguesa. Zona 4: Puig Gros de Bendinat (1a part) (Calvià, Mallorca). *Endins* **23**, 23–40 (2000).
1142. M. A. Barceló, F. Gracia, D. Crespí, D. Vicens, V. Pla, A. Ginard, J. A. Casas, Les cavitats de la serra de Na Burguesa. Zona 3: Coll des Pastors (Calvià, Mallorca). *Endins* **22**, 19–35 (1998).
1143. D. Crespí, F. Gracia, D. Vicens, M. A. Dot, M. Vadell, M. A. Barceló, P. Bover, V. Pla, Les cavitats de la serra de Na Burguesa. *Endins* **24**, 75–97 (2001).
1144. S. M. Goodman, W. L. Jungers, *Les animaux et écosystèmes de l'Holocène disparus de Madagascar, Guides sur la diversité biologique de Madagascar* (Vahatra Association, 2013).
1145. D. Bulbeck, I. Sumantri, P. Hiscock, “Leang Sakapao 1, a second dated Pleistocene site from South Sulawesi, Indonesia” in *Quaternary Research in Indonesia*, S. G. Keates, J.

- M. Pasveer, Eds., vol. 18 of *Modern Quaternary Research in Southeast Asia* (CRC Press, 2004), pp. 111–128.
1146. M. Faure, C. Guérin, D. Genty, D. Gommery, B. Ramanivosoa, Le plus ancien hippopotame fossile (*Hippopotamus laloumena*) de Madagascar (Belobaka, Province de Mahajanga). *C. R. Palevol* **9**, 155–162 (2010). [doi:10.1016/j.crpv.2010.04.002](https://doi.org/10.1016/j.crpv.2010.04.002)
1147. L. Caloi, M. R. Palombo, Le mammalofaune plio-pleistoceniche dell'area laziale: Problemi biostratigrafici ed implicazioni paleoclimatiche. *Mem. Soc. Geol. Ital.* **35**, 99–126 (1986).
1148. R. Abbate, Le Grotte di Baida (Palermo): Geomorfologia e palaeontologia. *Thalass. Salentina* **30**, 5–17 (2007).
1149. G. Grafitti, M. Mucedda, Le grotte dell'Isola di Tavolara e la loro fauna. *Biogeographia* **18**, 51–62 (1996). [doi:10.21426/B618110470](https://doi.org/10.21426/B618110470)
1150. M. Solieri, Le faune del Quaternario Recente nel Sud-Est Asiatico: Particolare riferimento all'isola di Palawan (Filippine). *Ann. Dell'Università Degli Studi Ferrara Museol. Sci. Nat.* **2008**, 167–170 (2008).
1151. C. Stouvenot, “Le dépôt précolombien du site de Belle Plaine. Une occupation troumassan-troumassoïde Les Abymes” (Rapport de sondage archéologique n SRA 447, Service régional de l'archéologie DRAC Guadeloupe - Basse-Terre, Guadeloupe Antilles françaises, 2010), pp. 1–75.
1152. K. Iizumi, Y. Koda, W. Koike, T. Nishimoto, H. Ando, M. Date, Latest Pleistocene Japanese Sea lion (Otariidae) fossil from the riverbed of the Hanamurogawa River west of Kasumigaura Lake, Ibaraki Prefecture. *Chishitsugaku Zasshi* **116**, 243–251 (2010). [doi:10.5575/geosoc.116.243](https://doi.org/10.5575/geosoc.116.243)
1153. K. Iizumi, Y. Koda, H. Ando, Latest Pleistocene Cervidae fossil from the riverbed along the Hanamurogawa River, West of Kasumigaura Lake, Ibaraki Prefecture. *Bull. Ibaraki Nat. Mus.* **16**, 15–22 (2013).
1154. L. Allaire, thesis, Department of Anthropology, Yale University (1977).
1155. D. W. Steadman, N. A. Albury, P. Maillis, J. I. Mead, J. Slapcinsky, K. L. Krysko, H. M. Singleton, J. Franklin, Late-Holocene faunal and landscape change in the Bahamas. *Holocene* **24**, 220–230 (2014). [doi:10.1177/0959683613516819](https://doi.org/10.1177/0959683613516819)
1156. S. J. Hand, J. A. Grant-Mackie, Late-Holocene bats of Mé Auré Cave, New Caledonia: Evidence of human consumption and a new species record from the recent past. *Holocene* **22**, 79–90 (2011). [doi:10.1177/0959683611409783](https://doi.org/10.1177/0959683611409783)
1157. J. C. Rando, J. A. Alcover, J. Michaux, R. Hutterer, J. F. Navarro, Late-Holocene asynchronous extinction of endemic mammals on the eastern Canary Islands. *Holocene* **22**, 801–808 (2012). [doi:10.1177/0959683611430414](https://doi.org/10.1177/0959683611430414)
1158. K. P. Aplin, J. M. Pasveer, W. E. Boles, Late Quaternary vertebrates from the Bird's Head Peninsula, Irian Jaya, Indonesia, including descriptions of two previously unknown marsupial species. *Rec. West. Aust. Mus.* **57** (suppl.), 351–387 (1999).

1159. G. K. Pregill, D. W. Steadman, D. R. Watters, Late Quaternary vertebrate faunas of the Lesser Antilles: Historical components of Caribbean biogeography. *Bull. Carnegie Mus. Nat. Hist.* **30**, 1–51 (1994). [doi:10.5962/p.240776](https://doi.org/10.5962/p.240776)
1160. Earl of Cranbrook, Late Quaternary turnover of mammals in Borneo: The zooarchaeological record. *Biodivers. Conserv.* **19**, 373–391 (2010). [doi:10.1007/s10531-009-9686-3](https://doi.org/10.1007/s10531-009-9686-3)
1161. K. R. Reis, A. M. Garong, Late Quaternary terrestrial vertebrates from Palawan Island, Philippines. *Palaeogeogr. Palaeoclimatol. Palaeoecol.* **171**, 409–421 (2001). [doi:10.1016/S0031-0182\(01\)00256-5](https://doi.org/10.1016/S0031-0182(01)00256-5)
1162. Y. Nakamura, Late Quaternary subfossils of forest rats (*Tokudaia muenninki* and *Diplothrix legata*) and other small mammals found in the Sashiki Fissure on Okinawajima of the Ryukyu Archipelago, Japan. *Mammal Study* **43**, 19–32 (2018). [doi:10.3106/ms2017-0041](https://doi.org/10.3106/ms2017-0041)
1163. D. R. Muhs, K. R. Simmons, L. T. Groves, J. P. McGeehin, R. Randall Schumann, L. D. Agenbroad, Late Quaternary sea-level history and the antiquity of mammoths (*Mammuthus exilis* and *Mammuthus columbi*), Channel Islands National Park, California, USA. *Quat. Res.* **83**, 502–521 (2015). [doi:10.1016/j.yqres.2015.03.001](https://doi.org/10.1016/j.yqres.2015.03.001)
1164. S. Hawkins, S. O'Connor, S. Kealy, Late Quaternary hominin-bat (Chiroptera) interactions in the Asia-Pacific. *Archaeol. Ocean.* **51**, 7–17 (2016). [doi:10.1002/arco.5084](https://doi.org/10.1002/arco.5084)
1165. G. S. Morgan, “Late Quaternary fossil vertebrates from the Cayman Islands” in *The Cayman Islands: Natural History and Biogeography*, M. A. Brunt, J. E. Davies, Eds., vol. 71 of *Monographiae Biologicae* (Springer, 1994), pp. 465–508.
1166. A. Simons, D. Bulbeck, “Late Quaternary faunal successions in South Sulawesi, Indonesia” in *Quaternary Research in Indonesia*, S. G. Keates, J. M. Pasveer, Eds., vol. 18 of *Modern Quaternary Research in Southeast Asia* (CRC Press, 2004), pp. 167–189.
1167. T. F. Flannery, R. G. Roberts, “Late Quaternary Extinctions in Australasia” in *Extinctions in Near Time*, R. D. MacPhee, H. D. Sues, Eds. (Springer, 1999), pp. 239–255.
1168. E. Stoetzel, A. Royer, D. Cochard, A. Lenoble, Late Quaternary changes in bat palaeobiodiversity and palaeobiogeography under climatic and anthropogenic pressure: New insights from Marie-Galante, Lesser Antilles. *Quat. Sci. Rev.* **143**, 150–174 (2016). [doi:10.1016/j.quascirev.2016.05.013](https://doi.org/10.1016/j.quascirev.2016.05.013)
1169. S. Henry, thesis, Simon Fraser University (2018).
1170. L. Bonfiglio, D. Esu, G. Mangano, F. Masini, D. Petruso, M. Soligo, P. Tuccimei, Late Pleistocene vertebrate-bearing deposits at San Teodoro Cave (Northeastern Sicily): Preliminary data on faunal diversification and chronology. *Quat. Int.* **190**, 26–37 (2008). [doi:10.1016/j.quaint.2007.10.019](https://doi.org/10.1016/j.quaint.2007.10.019)
1171. V. P. Kusmartono, I. Hindarto, E. Herwanto, Late Pleistocene to recent: Human activities in the deep interior equatorial rainforest of Kalimantan, Indonesian Borneo. *Quat. Int.* **448**, 82–94 (2017). [doi:10.1016/j.quaint.2016.09.025](https://doi.org/10.1016/j.quaint.2016.09.025)
1172. O. Wedage, P. Roberts, P. Faulkner, A. Crowther, K. Douka, A. Picin, J. Blinkhorn, S. Deraniyagala, N. Boivin, M. Petraglia, N. Amano, Late Pleistocene to early-Holocene

- rainforest foraging in Sri Lanka: Multidisciplinary analysis at Kitulgala Beli-lena. *Quat. Sci. Rev.* **231**, 106200 (2020). [doi:10.1016/j.quascirev.2020.106200](https://doi.org/10.1016/j.quascirev.2020.106200)
1173. J. I. Mead, S. L. Swift, L. D. Agenbroad, Late Pleistocene salamander (Caudata; Plethodontidae) from Santa Rosa Island, northern Channel Islands, California. *Bull. South. Calif. Acad. Sci.* **103**, 47–57 (2004).
1174. H. Taruno, S. Ishida, K. Okumura, Late Pleistocene mammalian fauna from Kumaishi-do Cave, Gifu Prefecture, central Japan: Brown bear, tiger, Naumann's elephant, Kazusa deer and serow. *Bull. Osaka Mus. Nat. Hist.* **72**, 81–151 (2018).
1175. A.-M. Bacon, K. Westaway, P.-O. Antoine, P. Düringer, A. Blin, F. Demeter, J.-L. Ponche, J.-X. Zhao, L. M. Barnes, T. Sayavonkhamdy, N. T. K. Thuy, V. T. Long, E. Patole-Edoumba, L. Shackelford, Late Pleistocene mammalian assemblages of Southeast Asia: New dating, mortality profiles and evolution of the predator–prey relationships in an environmental context. *Palaeogeogr. Palaeoclimatol. Palaeoecol.* **422**, 101–127 (2015). [doi:10.1016/j.palaeo.2015.01.011](https://doi.org/10.1016/j.palaeo.2015.01.011)
1176. P. Storm, F. Aziz, J. de Vos, D. Kosasih, S. Baskoro, L. W. Ngiliman, L. W. van den Hoek Ostende, Late Pleistocene *Homo sapiens* in a tropical rainforest fauna in East Java. *J. Hum. Evol.* **49**, 536–545 (2005). [doi:10.1016/j.jhevol.2005.06.003](https://doi.org/10.1016/j.jhevol.2005.06.003) [Medline](#)
1177. J. H. Lipps, Late Pleistocene history of West Anacapa Island, California. *Geol. Soc. Am. Bull.* **75**, 1169–1176 (1964). [doi:10.1130/0016-7606\(1964\)75\[1169:LPHOWA\]2.0.CO;2](https://doi.org/10.1130/0016-7606(1964)75[1169:LPHOWA]2.0.CO;2)
1178. G. K. Pregill, Late Pleistocene herpetofaunas from Puerto Rico. *Univ. Kans. Publ. Mus. Nat. Hist.* **71**, 1–72 (1981).
1179. S. Sen, E. Barrier, X. Crété, Late Pleistocene dwarf elephants from the Aegean islands of Kassos and Dilos, Greece. *Ann. Zool. Fennici* **51**, 27–42 (2014). [doi:10.5735/086.051.0204](https://doi.org/10.5735/086.051.0204)
1180. K. E. Samonds, Late Pleistocene bat fossils from Anjohibe Cave, northwestern Madagascar. *Acta Chiropt.* **9**, 39–65 (2007). [doi:10.3161/1733-5329\(2007\)9\[39:LPBFFA\]2.0.CO;2](https://doi.org/10.3161/1733-5329(2007)9[39:LPBFFA]2.0.CO;2)
1181. P. Bover, J. Rofes, S. Bailon, J. Agustí, G. Cuenca-Bescós, E. Torres, J. A. Alcover, Late Miocene/Early Pliocene vertebrate fauna from Mallorca (Balearic Islands, Western Mediterranean): An update. *Integr. Zool.* **9**, 183–196 (2014). [doi:10.1111/1749-4877.12049](https://doi.org/10.1111/1749-4877.12049) [Medline](#)
1182. I. Casanovas-Vilar, J. A. van Dam, S. Moyà-Solà, L. Rook, Late Miocene insular mice from the Tusco-Sardinian palaeobioprovince provide new insights on the palaeoecology of the *Oreopithecus* faunas. *J. Hum. Evol.* **61**, 42–49 (2011). [doi:10.1016/j.jhevol.2011.01.003](https://doi.org/10.1016/j.jhevol.2011.01.003) [Medline](#)
1183. S. W. Hixon, K. G. Douglass, B. E. Crowley, L. M. A. Rakotozafy, G. Clark, A. Anderson, S. Haberle, J. F. Ranaivoarisoa, M. Buckley, S. Fidiarisoa, B. Mbola, D. J. Kennett, Late Holocene spread of pastoralism coincides with endemic megafaunal extinction on Madagascar. *Proc. R. Soc. London Ser. B* **288**, 20211204 (2021). [doi:10.1098/rspb.2021.1204](https://doi.org/10.1098/rspb.2021.1204) [Medline](#)

1184. J. Orihuela, L. Pérez Orozco, J. L. Álvarez Licourt, R. A. Viera Muñoz, C. Santana Barani, Late Holocene land vertebrate fauna from Cueva de los Nesofontes, Western Cuba: Stratigraphy, chronology, diversity, and paleoecology. *Palaeontol. Electronica* **23**, a57 (2020). [doi:10.26879/995](https://doi.org/10.26879/995)
1185. D. W. Steadman, H. M. Singleton, K. M. Delancy, N. A. Albury, J. A. Soto-Centeno, H. Gough, N. Duncan, J. Franklin, W. F. Keegan, Late Holocene historical ecology: The timing of vertebrate extirpation on Crooked Island, Commonwealth of The Bahamas. *J. Island Coast. Archaeol.* **12**, 572–584 (2017). [doi:10.1080/15564894.2017.1305469](https://doi.org/10.1080/15564894.2017.1305469)
1186. G. K. Pregill, D. W. Steadman, S. L. Olson, F. V. Grady, Late Holocene fossil vertebrates from Burma Quarry, Antigua, Lesser Antilles. *Smithson. Contrib. Zool.* **463**, 1–27 (1988). [doi:10.5479/si.00810282.463](https://doi.org/10.5479/si.00810282.463)
1187. J. Orihuela, Late Holocene Fauna from a Cave Deposit in Western Cuba: post-Columbian occurrence of the Vampire Bat *Desmodus rotundus* (Phyllostomidae: Desmodontinae). *Caribb. J. Sci.* **46**, 297–312 (2010). [doi:10.18475/cjos.v46i2.a17](https://doi.org/10.18475/cjos.v46i2.a17)
1188. S. T. Turvey, J. R. Oliver, Y. M. Narganes Storde, P. Rye, Late Holocene extinction of Puerto Rican native land mammals. *Biol. Lett.* **3**, 193–196 (2007). [doi:10.1098/rsbl.2006.0585](https://doi.org/10.1098/rsbl.2006.0585) [Medline](#)
1189. R. D. E. MacPhee, R. Singer, M. Diamond, Late Cenozoic land mammals from Grenada, Lesser Antilles island-arc. *Am. Mus. Novit.* **3302**, 1–20 (2000). [doi:10.1206/0003-0082\(2000\)3302<0001:LCLMFG>2.0.CO;2](https://doi.org/10.1206/0003-0082(2000)3302<0001:LCLMFG>2.0.CO;2)
1190. R. D. E. MacPhee, C. Flemming, D. P. Lunde, “Last occurrence” of the Antillean insectivoran *Nesophontes*: New radiometric dates and their interpretation. *Am. Mus. Novit.* **3261**, 1–20 (1999).
1191. F. Gràcia, J. J. Fornós, P. Gamundí, B. Clamor, J. Pocoví, M. A. Perelló, Las descubertes subaquàtiques a la cova des Pas de Vallgornera (Llucmajor, Mallorca): Història i descripció dels descobriments, hidrologia, espeleotemes, sediments, paleontologia i fauna. *Endins* **33**, 35–72 (2009).
1192. E. Saz, Las cuevas de Son Apats y fósiles de Mallorca. *Iberica* **72**, 513–518 (1946).
1193. M. Gutiérrez Domech, E. Piedra, I. Carballo, A. Oliva Martín, C. Muñiz, Y. Dominguez-Samalea, Las cuevas de Paredones y del Túnel y la caverna de Pío Domingo: Principales yacimientos fosilíferos de vertebrados del Pleistoceno en Cuba occidental. *GeoInformativa* **8**, 32–43 (2014).
1194. M. A. Iturralde-Vinent, R. D. MacPhee, S. D. Franco, R. Rojas-Consuegra, W. Suárez, A. Lomba, Las breas de San Felipe, a quaternary fossiliferous asphalt seep near Marti (Matanzas Province, Cuba). *Caribb. J. Sci.* **36**, 300–313 (2000).
1195. S. Chilardi, “Large-sized and middle-sized elephants from the Pleistocene of Sicily: the case of Contrada Fusco (Siracusa, Southeastern Sicily),” *Proceedings of the 1st International Congress of the World of Elephants* (Consiglio Nazionale delle Ricerche, 2001), pp. 476–478.

1196. P. R. Chauhan, Large mammal fossil occurrences and associated archaeological evidence in Pleistocene contexts of peninsular India and Sri Lanka. *Quat. Int.* **192**, 20–42 (2008). [doi:10.1016/j.quaint.2007.06.034](https://doi.org/10.1016/j.quaint.2007.06.034)
1197. L. Bonfiglio, G. Insacco, A. C. Marra, F. Masini, Large and small mammals, amphibians and reptiles from a new late Pleistocene fissure filling deposit of the Hyblean Plateau (South Eastern Sicily). *Boll. Soc. Paleontol. Ital.* **36**, 97–122 (1997).
1198. A. Bain, A.-M. Faucher, L. M. Kennedy, A. R. LeBlanc, M. J. Burn, R. Boger, S. Perdikaris, Landscape transformation during Ceramic Age and colonial occupations of Barbuda, West Indies. *Environ. Archaeol.* **23**, 36–46 (2018). [doi:10.1080/14614103.2017.1345115](https://doi.org/10.1080/14614103.2017.1345115)
1199. J. L. Kulp, L. E. Tryon, W. R. Eckelman, W. A. Snell, Lamont natural radiocarbon measurements, II. *Science* **116**, 409–414 (1952). [doi:10.1126/science.116.3016.409](https://doi.org/10.1126/science.116.3016.409) [Medline](#)
1200. W. S. Broecker, J. L. Kulp, Lamont Natural Radiocarbon Measurements IV. *Science* **126**, 1324–1334 (1957). [doi:10.1126/science.126.3287.1324](https://doi.org/10.1126/science.126.3287.1324) [Medline](#)
1201. S. Díaz-Franco, La variación del diseño oclusal inferior en *Boromys torrei* (Rodentia: Echimyidae). *Rev. Biol. Habana Mus. Nac. Hist. Nat. Habana Cuba* **16**, 60–65 (2002).
1202. R. Rodríguez Ramos, “La temporalidad absoluta del arte rupestre pictográfico en Puerto Rico” (Informe disponible en la Oficina Estatal de Conservación Histórica, San Juan, Oficina Estatal de Conservación Histórica, 2017).
1203. P. Courtaud, J. Cesari, F. Leandri, P. Nebbia, T. Perrin, H. C. Petersen, A. Zémour, “La sépulture mésolithique de Campu Stefanu (Sollacaro, Corse-du-Sud, France)” in *Chronologie de la Préhistoire récente dans le Sud de la France. Acquis 1992-2012. Actualité de la recherche. Actes des 10e Rencontres Méridionales de Préhistoire Récente* (Archives d’Ecologie Préhistorique, 2012), pp. 275–287.
1204. J.-M. Louisin, J.-M. Probst, La Roussette des Mascareignes, une espèce de chauve-souris disparue à La Réunion encore présente à l’île Maurice. *Bull. Phaethon* **7**, 5–6 (1998).
1205. J. Pons-Moyà, La nouvelle espèce *Myotragus antiquus* de l’île de Mallorca (Baléares). *Proc. Kon. Ned. Akad. Wetensch. B.* **80**, 215–221 (1977).
1206. P. Bover, J. A. Alcover, La identitat taxonòmica de *Myotragus binigausensis* Moyà-Solà i Pons-Moyà, 1980. *Endins* **23**, 83–88 (2000).
1207. G. Madonia, S. Frisia, A. Borsato, T. Macaluso, A. Mangini, M. Paladini, L. Piccini, R. Miorandi, C. Spötl, U. Sauro, La Grotta di Carburangeli–ricostruzione climatica dell’Olocene per la piana costiera della Sicilia nord-occidentale. *Studi Trentini Sci. Naturali. Acta Geologica* **80**, 153–167 (2003).
1208. M. Salotti, L. Bellot-Gourlet, J.-Y. Courtois, J.-N. Dubois, A. Louchart, C. Mourer-Chauviré, C. Oberlin, E. Pereira, G. Poupeau, P. Tramoní, La fin du Pléistocène supérieur et le début de l’Holocène en Corse: Apports paléontologique et archéologique du site de Castiglione (Oletta, Haute-Corse) [The end of the Late Pleistocene and the Early Holocene in Corsica : new paleontological and archaeological data from Castiglione]

- deposit (Oletta, Haute-Corse)]. *Quaternaire* **11**, 219–230 (2000).
[doi:10.3406/quate.2000.1671](https://doi.org/10.3406/quate.2000.1671)
1209. Y. M. Narganes Storde, I. C. Rivera-Collazo, “La Fauna del Sitio de Angostura, Barceloneta, Puerto Rico,” *Proceedings of the 24th Congress of the International Association for Caribbean Archaeology* (Martinique, 2011), pp. 296–299.
1210. S. Moyà-Solà, J. Pons-Moyà, J. A. Alcover, J. Agustí, La fauna de vertebrados neógeno-cuaternaria de Eivissa (Pitiusas). *Acta Geol. Hisp* **19**, 33–35 (1984).
1211. S. Fiol González, thesis, Universidad de La Habana (2015).
1212. J. Pons-Moyà, S. Moyà-Solà, J. Agustí, J. A. Alcover, La fauna de mamíferos de los yacimientos menorquines con *Geochelone gymnesica* (Bate 1914). Nota preliminar. *Acta Geol. Hisp* **16**, 129–130 (1981).
1213. J. Pons-Moyà, S. Moyà-Solà, J. S. Kopper, La fauna de mamíferos de la Cova de Canet (Esporles) y su cronología. *Endins* **5–6**, 55–58 (1979).
1214. L. Caloi, T. Kotsakis, M. R. Palombo, La fauna a vertebrati terrestri del Pleistocene delle isole del Mediterraneo. *Geol. Rom.* **2**, 235–256 (1988).
1215. O. Jiménez Vázquez, La Cueva del Infierno: Tafonomía de un sitio arqueológico del arcaico de Cuba. *Gab. Arqueol.* **4**, 73–87 (2005).
1216. A. N. Jiménez, C. A. T. Coronel, *La cueva de Bellamar* (Nuevo Milenio, La Habana, Cuba, 2017).
1217. M. Trias, La Covota de sa Penya Rotja (Alcúdia, Mallorca). *Endins* **12**, 13–18 (1986).
1218. M. Trias, P. Bover, J. Ginés, F. Gràcia, B. Palomar, M. Vadell, F. Ruiz, La Cova Novella de na Llebrona. *Endins* **36**, 51–58 (2014).
1219. M. Trias, La Cova des Moro (Manacor, Mallorca) i alguns destacats aspectes de la seva morfologia. *Endins* **23**, 73–77 (2000).
1220. V. Lull, R. Micó, C. Rihuete, R. Risch, “La Cova des Càrritx y la Cova des Mussol” in *Ideología y sociedad en la prehistoria de Menorca* (Consell Insular de Menorca, Ajuntament de Ciutadella, Fundació Rubió Tudurí Andrómaco, Barcelona, 1999).
1221. M. Trias, P. Bover, J. A. Alcover, La Cova dels Amengual-Sastre (Sencelles, Mallorca). *Endins* **24**, 129–135 (2001).
1222. A. Valenzuela, M. Bonnin, J. Bartolomé, J. A. Alcover, M. Trias, La cova de sa Tossa Alta (Escorca, Mallorca): Una estació prehistòrica remota a la serra de Tramuntana. *Endins* **34**, 19–34 (2010).
1223. F. Gràcia, B. Clamor, M. Febrer, D. Jaume, D. Vicens, La Cova de s’Abisament (Sant Llorenç des Cardassar, Mallorca). *Endins* **30**, 101–108 (2006).
1224. R. Rodríguez, O. Fernández, E. Vento, La convivencia de la fauna de desdentados extinguidos con el aborígen de Cuba. *Paleoanthropología Cienc.* **14**, 561–566 (1984).
1225. E. Burgio, N. Oliva, E. Scalone, La collezione vertebratologica della Grotta dei Puntali presso Carini (Palermo). *Nat. Sicil.* **7**, 67–79 (1983).

1226. A. Merino, A. Mulet, G. Mulet, A. Croix, A. Kristofersson, F. Gràcia, J. Ginés, J. J. Fornós, Vallgornera, La cavitat de major desenvolupament de les illes Balears. *Endins* **35**, 147–164 (2011).
1227. M. Trias, L’Avenç de ses Papallones. *Endins* **5–6**, 29–31 (1979).
1228. M. Trias, M. Espinar, J. R. Bosch, L’Avenç de Fra Rafel (Escorca, Mallorca). *Endins* **16**, 12–15 (1990).
1229. F. Nicoletti, S. Tusa, “L’Età del Bronzo nella Sicilia occidentale,” *Atti della XLI Riunione scientifica: dai cicli agli ecisti: società e territorio nella Sicilia preistorica e protostorica San Cipirello (PA)*, 16 to 19 November 2006 (Istituto italiano di preistoria e protostoria, 2012), pp. 105–130.
1230. F. Martini, D. Lo Vetro, A. C. Colaninno, O. De Curtis, Z. Di Giuseppe, E. Locatelli, B. Sala, “L’Epigravettiano Finale in Sicilia” in *L’Italia tra 15.000 e 10.000 anni fa: cosmopolitismo e regionalità nel tardoglaciale: Atti della tavola rotonda (Firenze, 18 novembre 2005), Millenni, Studi di archeologia preistorica* (Museo Fiorentino di Preistoria “Paolo Graziosi,” 2007), pp. 209–254.
1231. C. Stouvenot, S. Grouard, S. Bailon, D. Bonnissent, A. Lenoble, N. Serrand, V. Sierpe, “L’abri sous roche Cadet 3 (Marie-Galante): un gisement à accumulations de faune et à vestiges archéologiques” in *50 ans d’archéologie caribéenne. 1961-2011*. (Association Internationale de l’Archéologie de la Caraïbe, 2014), pp. 126–140.
1232. H. Saegusa, Y. Maeda, I. Hashimoto, S. Ishida, “Kobe-shi Nishi-ku Ikawadani san akobono zou ni tuite (sono 2: kokkaku kaseki). [On *Stegodon aurorae* from Ikawadani, Nishi-ku, Kobe City (no. 2 Fossil skeleton),” *Abstracts of the 140th Regular Meeting of the Paleontological Society of Japan* (Chiba, 1991), pp. 38–39.
1233. S. O’Connor, S. Mahirta, S. Kealy, C. Boulanger, T. Maloney, S. Hawkins, M. C. Langley, H. A. F. Kaharudin, Y. Suniarti, M. Husni, M. Ririmasse, D. A. Tanudirjo, L. Wattimena, W. Handoko, Alifah, J. Louys, Kisar and the archaeology of small islands in the Wallacean Archipelago. *J. Island Coast. Archaeol.* **14**, 198–225 (2019).
[doi:10.1080/15564894.2018.1443171](https://doi.org/10.1080/15564894.2018.1443171)
1234. T. C. Rick, J. M. Erlandson, “Kelp forests, coastal migrations, and the Younger Dryas: Late Pleistocene and Earliest Holocene human settlement, subsistence, and ecology on California’s Channel Islands” in *Hunter-Gatherer Behavior: Human Response During the Younger Dryas*, M. I. Eren, Ed. (Left Coast Press, 2012), pp. 79–110.
1235. I. Tattersall, Itampolo: Two subfossil sites in Madagascar. *J. Vertebr. Paleontol.* **7**, 342–343 (1987). [doi:10.1080/02724634.1987.10011665](https://doi.org/10.1080/02724634.1987.10011665)
1236. C. Tata, T. Kotsakis, Italian fossil chiropteran assemblages: A preliminary report. *Geo Alp* **2**, 53–60 (2005).
1237. M. R. Puspaningrum, G. D. van den Bergh, A. R. Chivas, E. Setiabudi, I. Kurniawan, Isotopic reconstruction of Proboscidean habitats and diets on Java since the Early Pleistocene: Implications for adaptation and extinction. *Quat. Sci. Rev.* **228**, 106007 (2020). [doi:10.1016/j.quascirev.2019.106007](https://doi.org/10.1016/j.quascirev.2019.106007)

1238. P. Roberts, J. Louys, J. Zech, C. Shipton, S. Kealy, S. S. Carro, S. Hawkins, C. Boulanger, S. Marzo, B. Fiedler, N. Boivin, K. Mahirta, K. Aplin, S. O'Connor, Isotopic evidence for initial coastal colonization and subsequent diversification in the human occupation of Wallacea. *Nat. Commun.* **11**, 2068 (2020). [doi:10.1038/s41467-020-15969-4](https://doi.org/10.1038/s41467-020-15969-4) [Medline](#)
1239. J. Goedert, D. Cochard, O. Lordeux, C. Oberlin, M.-T. Cuzange, A. Royer, A. Lenoble, Isotopic ecology and extirpation chronology of the extinct Lesser Antillean native rodent *Antillomys rayi* Brace et al. (2015). *Quat. Sci. Rev.* **245**, 106509 (2020). [doi:10.1016/j.quascirev.2020.106509](https://doi.org/10.1016/j.quascirev.2020.106509)
1240. J. L. Bada, G. Belluomini, L. Bonfiglio, M. Branca, E. Burgio, L. Delitala, Isoleucine epimerization ages of Quaternary mammals of Sicily. *Il Quat.* **4**, 49–54 (1991).
1241. B. E. Crowley, L. R. Godfrey, R. J. Bankoff, G. H. Perry, B. J. Culleton, D. J. Kennett, M. R. Sutherland, K. E. Samonds, D. A. Burney, Island-wide aridity did not trigger recent megafaunal extinctions in Madagascar. *Ecography* **40**, 901–912 (2017). [doi:10.1111/ecog.02376](https://doi.org/10.1111/ecog.02376)
1242. J. J. Miszkiewicz, J. Louys, R. M. D. Beck, P. Mahoney, K. Aplin, S. O'Connor, Island rule and bone metabolism in fossil murines from Timor. *Biol. J. Linn. Soc. Lond.* **129**, 570–586 (2020). [doi:10.1093/biolinean/blz197](https://doi.org/10.1093/biolinean/blz197)
1243. R. Ono, R. Fuentes, A. Pawlik, H. O. Sofian, N. Sriwigati, N. Aziz, N. Alamsyah, M. Yoneda, Island migration and foraging behaviour by anatomically modern humans during the Late Pleistocene to Holocene in Wallacea: New evidence from Central Sulawesi, Indonesia. *Quat. Int.* **554**, 90–106 (2020). [doi:10.1016/j.quaint.2020.03.054](https://doi.org/10.1016/j.quaint.2020.03.054)
1244. P. Bellwood, D. Tanudirjo, G. Nitihaminto, “Investigations on Morotai Island” in *The Spice Islands in Prehistory Archaeology in the Northern Moluccas, Indonesia*, P. Bellwood, Ed., vol. 50 of *Terra Australis* (ANU Press, 2019), pp. 45–60.
1245. P. Bellwood, G. Irwin, D. Tanudirjo, G. Nitihaminto, J. Siswanto, D. Bowdery, “Investigations on Gebe Island” in *The Spice Islands in Prehistory: Archaeology in the Northern Moluccas, Indonesia*, P. Bellwood, Ed., vol. 50 of *Terra Australis* (ANU Press, 2019), pp. 15–44.
1246. N. Amano, P. J. Piper, H. Hung, P. Bellwood, Introduced domestic animals in the Neolithic and Metal Age of the Philippines: Evidence from Nagsabaran, northern Luzon. *J. Island Coast. Archaeol.* **8**, 317–335 (2013). [doi:10.1080/15564894.2013.781084](https://doi.org/10.1080/15564894.2013.781084)
1247. R. K. McAfee, S. M. Beery, Intraspecific variation of Megalonychid sloths from Hispaniola and the taxonomic implications. *Hist. Biol.* **33**, 371–386 (2021). [doi:10.1080/08912963.2019.1618294](https://doi.org/10.1080/08912963.2019.1618294)
1248. V. L. Harvey, V. M. Egerton, A. T. Chamberlain, P. L. Manning, W. I. Sellers, M. Buckley, Interpreting the historical terrestrial vertebrate biodiversity of Cayman Brac (Greater Antilles, Caribbean) through collagen fingerprinting. *Holocene* **29**, 531–542 (2019). [doi:10.1177/0959683618824793](https://doi.org/10.1177/0959683618824793)
1249. N. Serrand, D. Bonnissent, Interacting Pre-Columbian Amerindian societies and environments: Insights from five millennia of archaeological invertebrate record on the Saint-Martin Island (French Lesser Antilles). *Environ. Archaeol.* **26**, 99–114 (2021). [doi:10.1080/14614103.2018.1450463](https://doi.org/10.1080/14614103.2018.1450463)

1250. E. Locatelli, thesis, Universita Degli Studi Di Ferrara (2011).
1251. M. E. Scarborough, M. R. Palombo, A. Chinsamy, Insular adaptations in the astragalus-calcaneus of Sicilian and Maltese dwarf elephants. *Quat. Int.* **406**, 111–122 (2016). [doi:10.1016/j.quaint.2015.09.022](https://doi.org/10.1016/j.quaint.2015.09.022)
1252. M. E. Scarborough, thesis, Department of Biological Sciences, University of Cape Town (2020).
1253. R. D. E. MacPhee, “*Insulae infortunatae*: Establishing a chronology for Late Quaternary mammal extinctions in the West Indies” in *American Megafaunal Extinctions at the End of the Pleistocene*, G. Haynes, Ed., *Vertebrate Paleobiology and Paleoanthropology* (Springer, 2009), pp. 169–193.
1254. M. Furió, C. Angelone, Insectivores (Erinaceidae, Soricidae, Talpidae; Mammalia) from the Pliocene of Capo Mannu D1 (Mandriola, central-western Sardinia, Italy). *Neues Jahrb. Geol. Paläontol. Abh.* **258**, 229–242 (2010). [doi:10.1127/0077-7749/2010/0100](https://doi.org/10.1127/0077-7749/2010/0100)
1255. R. Fuentes, R. Ono, N. Aziz, N. Sriwigati, N. Alamsyah, H. O. Sofian, T. Miranda, Faiz, A. Pawlik, Inferring human activities from the Late Pleistocene to Holocene in Topogaro 2, Central Sulawesi through use-wear analysis. *J. Archaeol. Sci. Rep.* **37**, 102905 (2021). [doi:10.1016/j.jasrep.2021.102905](https://doi.org/10.1016/j.jasrep.2021.102905)
1256. A. V. Samson, J. Cooper, M. A. Nieves, L. J. Wrapson, D. Redhouse, R.-M. Vieten, O. De Jesús Rullan, T. García López de Victoria, A. Palermo Gómez, V. Serrano Puigdollér, “Indigenous cave use, Isla de Mona, Puerto Rico,” *Proceedings of the 25th International Congress for Caribbean Archaeology* (2015), pp. 414–444.
1257. G. K. Hofmeijer, P. Y. Sondaar, C. Alderliesten, K. Van Der Borg, A. F. M. De Jong, Indications of Pleistocene man on Sardinia. *Nucl. Instrum. Methods Phys. Res. B* **29**, 166–168 (1987). [doi:10.1016/0168-583X\(87\)90229-1](https://doi.org/10.1016/0168-583X(87)90229-1)
1258. Á. M. Nieves-Rivera, D. A. McFarlane, In search of the extinct hutia in cave deposits of Isla de Mona. *P.R. NNS News.* **59**, 92–95 (2001).
1259. S. Konishi, S. Yoshikawa, Immigration times of the two Proboscidean species, *Stegodon orientalis* and *Palaeoloxodon naumanni*, into the Japanese Islands and the formation of land bridge. *Earth Sci. Chikyu Kagaku* **53**, 125–134 (1999).
1260. Y. Kawamura, Immigration of mammals into the Japanese Islands during the Quaternary. *Quat. Res.* **37**, 251–257 (1998). [doi:10.4116/jaqua.37.251](https://doi.org/10.4116/jaqua.37.251)
1261. Y. Kawamura, H. Taruno, Immigration of mammals into Japan during the Quaternary, with comments on land or ice bridge formation enabled human immigration. *Acta Anthr. Sin.* **19** (suppl.), 264–269 (2000).
1262. C.-L. Liu, K. M. Riley, D. D. Coleman, Illinois State Geological Survey radiocarbon dates IX. *Radiocarbon* **28**, 110–133 (1986). [doi:10.1017/S0033822200060033](https://doi.org/10.1017/S0033822200060033)
1263. C. Di Patti, Il patrimonio paleontologico della provincia di Palermo e il contributo delle Riserve Naturali alla conservazione delle testimonianze fossili. *Nat. Sicil.* **28**, 53–70 (2004).
1264. A. Azzaroli, Il nanismo dei cervi insulari. *Palaeontogr. Ital.*, 1–32 (1961).

1265. D. S. Yudha, M. Z. M. Pratama, R. Eprilurahman, R. A. Suriyanto, “Identification of Pleistocene deer (Cervidae) in Java, Indonesia based on antlers characteristics” in *AIP Conference Proceedings* (AIP Publishing LLC, 2020), vol. 2260, p. 020010.
1266. D. M. A. Bate, I.—The pigmy *Hippopotamus* of Cyprus. *Geol. Mag.* **3**, 241–245 (1906). [doi:10.1017/S0016756800118114](https://doi.org/10.1017/S0016756800118114)
1267. D. M. A. Bate, I.—Preliminary note on a new artiodactyle from Majorca, *Myotragus balearicus*, gen. et sp. nov. *Geol. Mag.* **6**, 385–388 (1909). [doi:10.1017/S0016756800124665](https://doi.org/10.1017/S0016756800124665)
1268. D. M. A. Bate, I.—On the Pleistocene ossiferous deposits of the Balearic Islands. *Geol. Mag.* **1**, 337–345 (1914). [doi:10.1017/S001675680013986X](https://doi.org/10.1017/S001675680013986X)
1269. D. Zoboli, I vertebrati quaternari sardi conservati nel Naturhistorisches Museum di Basilea (Svizzera). *Museol. Sci.* **11** (2017).
1270. C. Petronio, I roditori pleistocenici della Grotta di Spinagallo (Siracusa). *Geol. Rom.* **9**, 149–194 (1970).
1271. G. Surdi, thesis, Palermo University (2008).
1272. D. J. van Weers, *Hystrix vanbreei* n. sp., a new fossil porcupine from the Pleistocene of Java, with notes on the extant species of the Indonesian Archipelago. *Senckenberg. Lethaea* **72**, 189–197 (1992).
1273. D. J. van Weers, *Hystrix gigantea*, a new fossil porcupine species from Java (Rodentia: Hystricidae). *Senckenberg. Lethaea* **66**, 111–119 (1985).
1274. J. Abdullah, “Human teeth of the Palaeolithic period from Gua Balambangan, Sabah” in *The Perak Man and Other Prehistoric Skeletons of Malaysia* (Penerbit Universiti Sains Malaysia, 2005), pp. 229–237.
1275. J. Allen, C. Gosden, J. P. White, Human Pleistocene adaptations in the tropical island Pacific: Recent evidence from New Ireland, a Greater Australian outlier. *Antiquity* **63**, 548–561 (1989). [doi:10.1017/S0003598X00076547](https://doi.org/10.1017/S0003598X00076547)
1276. S. Hawkins, S. C. Samper Carro, J. Louys, K. Aplin, S. O’Connor, Mahirta, Mahirta, Human palaeoecological interactions and owl roosting at Tron Bon Lei, Alor Island, Eastern Indonesia. *J. Island Coast. Archaeol.* **13**, 371–387 (2018). [doi:10.1080/15564894.2017.1285834](https://doi.org/10.1080/15564894.2017.1285834)
1277. Mahirta, thesis, The Australian National University (2004).
1278. H. A. F. Kaharudin, M. Mahirta, S. Kealy, S. Hawkins, C. Boulanger, S. O’Connor, Human foraging responses to climate change; Here Sorot Entapa rockshelter on Kisar Island. *Wacana* **20**, 525 (2019). [doi:10.17510/wacana.v20i3.783](https://doi.org/10.17510/wacana.v20i3.783)
1279. S. Hawkins, thesis, The Australian National University (2015).
1280. G. T. Shev, J. E. Laffoon, C. L. Hofman, Human and hutia (*Isolobodon portoricensis*) interactions in pre-Columbian Hispaniola: The isotopic and morphological evidence. *J. Archaeol. Sci. Rep.* **37**, 102913 (2021). [doi:10.1016/j.jasrep.2021.102913](https://doi.org/10.1016/j.jasrep.2021.102913)

1281. S. M. Goodman, M. C. Schoeman, A. Rakotoarivelo, S. Willows-Munro, How many species of *Hipposideros* have occurred on Madagascar since the Late Pleistocene?. *Zool. J. Linn. Soc.* **177**, 428–449 (2016). [doi:10.1111/zoj.12368](https://doi.org/10.1111/zoj.12368)
1282. M. R. Palombo, R. Rozzi, How correct is any chronological ordering of the Quaternary Sardinian mammalian assemblages? *Quat. Int.* **328–329**, 136–155 (2014). [doi:10.1016/j.quaint.2013.09.046](https://doi.org/10.1016/j.quaint.2013.09.046)
1283. J. J. M. Leinders, Hoplitomerycidae fam. nov. (Ruminantia Mammalia) from Neogene fissure fillings in Gargano (Italy). Part 1: The cranial osteology of *Hoplitomeryx* gen. nov. and discussion on the classification of pecoran families. *Scr. Geol.* **70**, 1–68 (1984).
1284. G. D. van den Bergh, Y. Kaifu, I. Kurniawan, R. T. Kono, A. Brumm, E. Setiyabudi, F. Aziz, M. J. Morwood, *Homo floresiensis*-like fossils from the early Middle Pleistocene of Flores. *Nature* **534**, 245–248 (2016). [doi:10.1038/nature17999](https://doi.org/10.1038/nature17999) [Medline](#)
1285. D. W. Steadman, N. A. Albury, J. I. Mead, J. A. Soto-Centeno, J. Franklin, Holocene vertebrates from a dry cave on Eleuthera Island, Commonwealth of The Bahamas. *Holocene* **28**, 806–813 (2018). [doi:10.1177/0959683617744270](https://doi.org/10.1177/0959683617744270)
1286. D. W. Steadman, *Holocene Vertebrate Fossils from Isla Floreana, Galápagos*, no. 413 of *Smithsonian Contributions to Zoology* (Smithsonian Institution Press, 1986).
1287. J. Ochoa, P. J. Piper, “Holocene large mammal extinctions in Palawan Island, Philippines” in *Climate Change and Human Responses*, G. Monks, Ed., *Vertebrate Paleobiology and Paleoanthropology* (Springer, 2017), pp. 69–86.
1288. M. Masseti, Holocene endemic and non endemic mammals of the Aegean islands. *Br. Sch. Athens Stud.* **9**, 53–63 (2003).
1289. Y. Kawamura, “Holocene and Late Pleistocene mammalian remains from Kaza-ana Cave” in *Search for Japanese Pleistocene Human Remains in the Kitakami Mountains: Excavation of the Abakuchi and Kaza-ana Cave Sites in Ohasama, Iwate Prefecture*, Y. Dodo, W. Takigawa, J. Sawada, Eds. (Tohoku University Press, 2003), pp. 284–386.
1290. A. Kawamura, History of commensal rodents on Ishigaki Island (southern Ryukyus) reconstructed from Holocene fossils, including the first reliable fossil record of the house mouse *Mus musculus* in Japan. *Quat. Int.* **397**, 106–116 (2016). [doi:10.1016/j.quaint.2015.01.024](https://doi.org/10.1016/j.quaint.2015.01.024)
1291. K. Suzuki, Y. Koda, H. Ando, K. Iizumi, Histological study of the enamel band from a Miocene proboscidean incisor. *J. Foss. Res.* **53**, 49–60 (2021).
1292. M. Rakotovo, Y. Lignereux, M. J. Orliac, F. Duranthon, P.-O. Antoine, *Hippopotamus lemerlei* Grandidier, 1868 et *Hippopotamus madagascariensis* Guldberg, 1883 (Mammalia, Hippopotamidae): Anatomie crânio-dentaire et révision systématique. *Geodiversitas* **36**, 117–161 (2014). [doi:10.5252/g2014n1a3](https://doi.org/10.5252/g2014n1a3)
1293. W. Fovet, M. Faure, C. Guérin, *Hippopotamus guldbergi* n. sp.: Révision du statut d’*Hippopotamus madagascariensis* Guldberg, 1883, après plus d’un siècle de malentendus et de confusions taxonomiques. *Zoosystema* **33**, 61–82 (2011). [doi:10.5252/z2011n1a3](https://doi.org/10.5252/z2011n1a3)
1294. A. Spaan, *Hippopotamus creutzburgi*: The case of the Cretan *Hippopotamus*. *Monogr. World Archaeol.* **28**, 99–111 (1996).

1295. M. Mountain, thesis, Australian National University (1991).
1296. H. I. H. Chosadan, Hanaizumi Iseki - The report of Hanaizumi site excavations in Iwate Prefecture. *Hanaizumi Board Educ.*, **161** (1993).
1297. A. Muntaner, J. Cuerda, Hallazgo de un esqueleto de *Myotragus balearicus* en una duna cuaternaria de Capdepera. *Boll. Soc. Hist. Nat. Balears* **2**, 114 (1956).
1298. B. Ángel, Hallazgo de *Myotragus* en las canteras de Génova (Mallorca). *Boll. Soc. Hist. Nat. Balears* **14**, 125–142 (1961).
1299. A. Muntaner, Hallazgo de *Myotragus balearicus* en Son Jaumell (Capdepera, Mallorca) y sus relaciones con el tirreniense. *Com. Circ. AECUA* (1957).
1300. J. Cuerda, J. Sacarés, Hallazgo de *Myotragus balearicus* Bate en un yacimiento de edad posttirreniense. *Boll. Soc. Hist. Nat. Balears* **5**, 51–54 (1959).
1301. C. Hertler, Y. Rizal, Y. Zaim, Habitat differentiation in the Pleistocene of Jawa – introduction of the new Pleistocene fossil locality Majalengka. *Cour. Forsch. Inst. Senckenb* **259**, 165–174 (2007).
1302. D. D. Davis, “Guana Archaeology - Prehistory Project Report for the October 2012 Field Season” (Guana Island Archaeology Project, 2013).
1303. Hasanuddin, Gua Panninge di Mallawa, Maros, Sulawesi Selatan: Kajian tentang Gua Hunian Berdasarkan Artefak Batu dan Sisa Fauna. *J. Naditira Widya* **11**, 81–96 (2017). [doi:10.24832/nw.v11i2.210](https://doi.org/10.24832/nw.v11i2.210)
1304. C. Kolb, T. M. Scheyer, A. M. Lister, C. Azorit, J. de Vos, M. A. Schlingemann, G. E. Rössner, N. T. Monaghan, M. R. Sánchez-Villagra, Growth in fossil and extant deer and implications for body size and life history evolution. *BMC Evol. Biol.* **15**, 19 (2015). [doi:10.1186/s12862-015-0295-3](https://doi.org/10.1186/s12862-015-0295-3) [Medline](#)
1305. Grotte Is Zuddas, Percorso Interno (2014); <https://www.grotteiszuddas.com/index.php/le-grotte/percorso-interno.html>.
1306. B. A. Mistretta, Grenada’s extinct rice rats (*Oryzomyini*): Zooarchaeological evidence for taxonomic diversity. *J. Archaeol. Sci. Rep.* **24**, 71–79 (2019). [doi:10.1016/j.jasrep.2018.12.018](https://doi.org/10.1016/j.jasrep.2018.12.018)
1307. N. Symeonidis, F. Bachmayer, H. Zapfe, Grabungen in der Zwergelefanten Höhle „Charkadio” auf der Insel Tilos (Dodekanes, Griechenland). *Ann. Naturhist. Mus. Wien* **77**, 133–139 (1973).
1308. E. Martín-Suárez, M. Freudenthal, Gliridae (Rodentia, Mammalia) from the late Miocene fissure filling Rinascita 1 (Gargano, prov. Foggia, Italy). *Treb. Mus. Geol. Barc.* **14**, 37–59 (2006).
1309. M. Freudenthal, E. Martín-Suárez, Gliridae (Rodentia, Mammalia) from the late Miocene fissure filling Biancone 1 (Gargano, province of Foggia, Italy). *Palaeontol. Electronica* **9**, 1–23 (2006).
1310. L. D. Agenbroad, Giants and pygmies: Mammoths of Santa Rosa Island, California (USA). *Quat. Int.* **255**, 2–8 (2012). [doi:10.1016/j.quaint.2011.03.044](https://doi.org/10.1016/j.quaint.2011.03.044)

1311. L. Rook, Geopalaeontological setting, chronology and palaeoenvironmental evolution of the Baccinello-Cinigiano Basin continental successions (Late Miocene, Italy). *C. R. Palevol* **15**, 825–836 (2016). [doi:10.1016/j.crpv.2015.07.002](https://doi.org/10.1016/j.crpv.2015.07.002)
1312. J. G. Vedder, R. M. Norris, “Geology of San Nicolas Island, California,” Geological Survey Professional Paper 369 (US Government Printing Office, 1963).
1313. C. A. Kaye, Z. S. Altschuler, Geology of Isla Mona Puerto Rico, and notes on age of Mona Passage. *Geol. Surv. Prof. Pap.* **317–C**, 141–178 (1959). [doi:10.3133/pp317C](https://doi.org/10.3133/pp317C)
1314. H. L. Foster, “Geology of Ishigaki-shima, Ryukyu-retto,” Geological Survey Professional Paper 399-A (US Government Printing Office, 1965).
1315. G. I. Adams, Geological reconnaissance of southwestern Luzon. *Philipp. J. Sci.* **5**, 57–116 (1910).
1316. W.-S. Chen, *Geological Introduction of Taiwan* (Geological Society of Taiwan, 2016).
1317. Y. Zaim, “Geological evidence for the earliest appearance of hominins in Indonesia” in *Out of Africa I: The First Hominin Colonization of Eurasia, Vertebrate Paleobiology and Paleoanthropology*, J. G. Fleagle, J. J. Shea, F. E. Grine, A. L. Baden, R. E. Leakey, Eds. (Springer, 2010), pp. 97–110.
1318. I. Oshiro, “Geologic study of Quaternary terrestrial vertebrate remains from the Ryukyu Islands” in *Nohara Tomohide kyoju taikankinen ronbunshu (= Collected papers in commemoration of Professor Tomohide Nohara’s retirement), Natural Environmental Education Course* (Faculty of Education, University of the Ryukyus, 2001), pp. 37–136.
1319. G. M. Ristuccia, thesis, Università degli Studi di Catania (2012).
1320. R. G. Roberts, K. E. Westaway, J.-X. Zhao, C. S. Turney, M. I. Bird, W. J. Rink, L. K. Fifield, Geochronology of cave deposits at Liang Bua and of adjacent river terraces in the Wae Racang valley, western Flores, Indonesia: A synthesis of age estimates for the type locality of *Homo floresiensis*. *J. Hum. Evol.* **57**, 484–502 (2009). [doi:10.1016/j.jhevol.2009.01.003](https://doi.org/10.1016/j.jhevol.2009.01.003) [Medline](#)
1321. G. M. Allen, Geocapromys remains from Exuma Island. *J. Mammal.* **18**, 369–370 (1937). [doi:10.1093/jmammal/18.3.369b](https://doi.org/10.1093/jmammal/18.3.369b)
1322. S. Díaz-Franco, O. Jiménez Vázquez, *Geocapromys brownii* (Rodentia : Capromyidae : Capromyinae) en Cuba. *Solenodon* **7**, 41–47 (2008).
1323. S. Anderson, C. A. Woods, G. S. Morgan, W. L. R. Oliver, *Geocapromys brownii*. *Mamm. Species* **201**, 1–5 (1983). [doi:10.2307/3503775](https://doi.org/10.2307/3503775)
1324. M. K. Gagan, L. K. Ayliffe, G. K. Smith, J. C. Hellstrom, H. Scott-Gagan, R. N. Drysdale, N. Anderson, B. W. Suwargadi, K. P. Aplin, J. Zhao, C. W. Groves, W. S. Hantoro, T. Djubiantono, Geoarchaeological finds below Liang Bua (Flores, Indonesia): A split-level cave system for *Homo floresiensis*? *Palaeogeogr. Palaeoclimatol. Palaeoecol.* **440**, 533–550 (2015). [doi:10.1016/j.palaeo.2015.09.021](https://doi.org/10.1016/j.palaeo.2015.09.021)
1325. H. Taruno, Genus Stegodon and Genus Stegolophodon - their criteria and phylogenetic relation - (Mammalia: Proboscidea). *Bull. Osaka Mus. Nat. Hist.* **38**, 23–36 (1985).

1326. K. Steensma, D. S. Reese, “Genet” in *Faunal Extinctions in an Island Society* (Kluwer, 1999), pp. 167–169.
1327. W. Matthew, W. Granger, B. Brown, Genera and new species of ground sloths from the Pleistocene of Cuba. *Am. Mus. Novit.* **501**, 1–5 (1931).
1328. L. A. Símonarson, Fyrstu landspendýraleifarnar úr íslenskum tertíerlögum. *Natturufraedingurinn* **59**, 189–195 (1990).
1329. D. M. A. Bate, Further note on the remains of *Elephas cypriotes* from a cave-deposit in Cyprus. *Philos. Trans. R. Soc. Lond.* **197**, 347–360 (1904).
1330. D. A. Hooijer, Further “Hell” mammals from Niah. *Sarawak Mus. J.* **11**, 196–200 (1963).
1331. P. Roberts, N. Perera, O. Wedage, S. Deraniyagala, J. Perera, S. Eregama, M. D. Petraglia, J. A. Lee-Thorp, Fruits of the forest: Human stable isotope ecology and rainforest adaptations in Late Pleistocene and Holocene (~36 to 3 ka) Sri Lanka. *J. Hum. Evol.* **106**, 102–118 (2017). [doi:10.1016/j.jhevol.2017.01.015](https://doi.org/10.1016/j.jhevol.2017.01.015) [Medline](#)
1332. V. Garilli, G. Vita, A. Mulone, L. Bonfiglio, L. Sineo, From sepulchre to butchery-cooking: Facies analysis, taphonomy and stratigraphy of the Upper Palaeolithic post burial layer from the San Teodoro Cave (NE Sicily) reveal change in the use of the site. *J. Archaeol. Sci.* **30**, 102–191 (2020).
1333. S. Grouard, D. Bonnissent, P. Courtaud, P. Fouéré, A. Lenoble, G. Richard, T. Romon, N. Serrand, C. Stouvenot, “Fréquentation amérindienne des cavités des Petites Antilles” in *Archéologie Caraïbe. Taboui 2* (Sidestone Press, 2014), pp. 245–278.
1334. D. M. A. Bate, Four and a half months in Crete in search of Pleistocene mammalian remains. *Geol. Mag.* **2**, 195–203 (1905). [doi:10.1017/S0016756800132078](https://doi.org/10.1017/S0016756800132078)
1335. T. Romon, P. Bertran, P. Fouéré, M. Hildebrand, N. Serrand, C. Vallet, “Fouille préventive de la Gare Maritime de Basse Terre (Guadeloupe)” (Rapport final de fouille, Inrap GSO, 2006).
1336. O. Cirilli, M. G. Benvenuti, G. Carnevale, I. C. Vilar, M. Delfino, M. Furió, M. Papini, A. Villa, L. Rook, Fosso della Fittaia: The oldest Tusco-Sardinian late Miocene endemic vertebrate assemblages (Baccinello-Cinigiano basin, Tuscany, Italy). *Riv. Ital. Paleontol. Stratigr.* **122**, 13–34 (2016).
1337. D. Maeda, H. Taru, T. Hukushima, Y. Takakuwa, T. Tsubamoto, Fossils of *Cervus* sp. from the Lower Pleistocene Kasumi Formation of the Kazusa Group, Akishima, Tokyo, Japan. *Kanagawa Kenritsu Hakubutsukan Kenkyu Hokoku, Shizen Kagaku* **50**, 21–29 (2021).
1338. J. A. Soto-Centeno, D. W. Steadman, Fossils reject climate change as the cause of extinction of Caribbean bats. *Sci. Rep.* **5**, 7971 (2015). [doi:10.1038/srep07971](https://doi.org/10.1038/srep07971) [Medline](#)
1339. I. Comaschi Caria, “Fossili marini e continentali del Quaternario della Sardegna,” *Atti del X Congresso Internazionale Studi Sardi* (Cagliari, Italy, 1968), pp. 140–229.
1340. H. Hemmer, G. H. R. Von Koenigswald, Fossile Nebelparder (*Neofelis*) aus dem Pleistozän Südchinas und Javas. *Proc. K. Akad. Van Wet. B.* **67**, 1–16 (1964).

1341. Y. Hasegawa, Fossil vertebrates from the Miyako Island (studies of the palaeovertebrate fauna of Ryukyu Islands, Japan. Part I). *Mem. Natl. Sci. Mus.* **6**, 39–52 (1973).
1342. S. L. Olson, Fossil vertebrates from the Bahamas. *Smithson. Contrib. Paleobiology* **48**, 1–65 (1982).
1343. D. A. Guthrie, “Fossil vertebrates from Pleistocene terrestrial deposits on the northern Channel Islands, southern California” in *Contributions to the Geology of the Northern Channel Islands, Southern California*, P. W. Weigand, Ed., *MP 45* (American Association of Petroleum Geologists, Pacific Section, 1998), p. 187.
1344. D. W. Steadman, G. K. Pregill, S. L. Olson, Fossil vertebrates from Antigua, Lesser Antilles: Evidence for late Holocene human-caused extinctions in the West Indies. *Proc. Natl. Acad. Sci. U.S.A.* **81**, 4448–4451 (1984). [doi:10.1073/pnas.81.14.4448](https://doi.org/10.1073/pnas.81.14.4448) [Medline](#)
1345. D. A. Hooijer, Fossil rodents from Curaçao and Bonaire. *Stud. Fauna Curaçao Caribb. Isl.* **9**, 1–27 (1959).
1346. H. Otsuka, C.-C. Lin, Fossil rhinoceros from the T’ouk’oushan group in Taiwan. *J. Taiwan Mus.* **37**, 1–35 (1984).
1347. A. P. Bautista, Fossil remains of rhinoceros from the Philippines. *Natl. Mus. Pap.* **5**, 1–9 (1995).
1348. L. Capasso Barbato, E. Gliozzi, Fossil remains of *Cervus* from the middle Pleistocene–Holocene of the Island of Capri (southern Italy): Palaeogeographical implications. *Boll. Soc. Paleontol. Ital.* **36**, 399–406 (1997).
1349. Y. Kawamura, “Fossil record of sika deer in Japan” in *Sika Deer: Biology and Management of Native and Introduced Populations*, D. R. McCullough, S. Takatsuki, K. Kaji, Eds. (Springer, 2009), pp. 11–25.
1350. Y. Kaifu, M. Fujita, Fossil record of early modern humans in East Asia. *Quat. Int.* **248**, 2–11 (2012). [doi:10.1016/j.quaint.2011.02.017](https://doi.org/10.1016/j.quaint.2011.02.017)
1351. G. H. R. von Koenigswald, Fossil pygmy Suidae from Java and China. *Proc. K. Akad. Van Wet. B.* **66**, 192–197 (1963).
1352. D. A. Hooijer, Fossil Proboscidea from the Malay Archipelago and India. *Zool. Verh.* **28**, 1–146 (1955).
1353. T. Flannery, P. Bellwood, P. White, A. Moore, G. Boeadi, G. Nitihaminoto, Fossil marsupials (Macropodidae, Peroryctidae) and other mammals of Holocene age from Halmahera, North Moluccas, Indonesia. *Alcheringa* **19**, 17–25 (1995). [doi:10.1080/03115519508619095](https://doi.org/10.1080/03115519508619095)
1354. J. Cushing, M. Daily, E. Noble, V. L. Roth, A. Wenner, Fossil mammoths from Santa Cruz Island, California. *Quat. Res.* **21**, 376–384 (1984). [doi:10.1016/0033-5894\(84\)90076-0](https://doi.org/10.1016/0033-5894(84)90076-0)
1355. M. R. Dawson, Fossil mammals of Java. Part I. Notes on Quaternary Leporidae (Mammalia, Lagomorpha) from Central Java. *Proc. Kon. Ned. Akad. Wetensch. B.* **74**, 27–32 (1971).
1356. G. H. R. von Koenigswald, Fossil mammals of Java VI: Machairodontinae from the lower Pleistocene of Java. *Proc. Kon. Ned. Akad. Wetensch. B.* **18**, 267–273 (1974).

1357. G. Schütt, Fossil mammals of Java IV: Zur Kenntnis der Pleistozänen Hyänen Javas. *Proc. Kon. Ned. Akad. Wetensch. B.* **75**, 261–287 (1972).
1358. T. Shikama, Y. Takayasu, Fossil mammals from the Shibikawa Formation in Oga Peninsula, Akita Prefecture. *Sci. Rep. Yokohama Natl. Univ. Sect. 2 Biol. Geol. Sci.* **18**, 43–47 (1971).
1359. G. H. R. von Koenigswald, *Fossil Mammals from the Philippines* (National Research Council of the Philippines, 1956).
1360. A. Azzaroli, Fossil mammals from the island Pianosa in the northern Tyrrhenian sea. *Bolletino Della Soc. Paleontol. Ital.* **17**, 15–27 (1978).
1361. G. M. Allen, Fossil mammals from Cuba. *Bull. Mus. Comp. Zool. Harv. Coll.* **62**, 133–148 (1918).
1362. “Fossil Mammal Research Group for Nojiri-ko Excavation 2010” (2010).
1363. C. Angelone, B. Moncunill-Solé, T. Kotsakis, Fossil Lagomorpha (Mammalia) of Italy: Systematics and biochronology. *Riv. Ital. Paleontol. Stratigr.* **126**, 157–187 (2020).
1364. S. L. Olson, E. N. Kurochkin, Fossil evidence of a tapaculo in the Quaternary of Cuba (Aves, Passeriformes, Scytalopodidae). *Proc. Biol. Soc. Wash.* **100**, 353–357 (1987).
1365. S. L. Olson, Á. M. Nieves-Rivera, Fossil evidence and probable extinction of the greater fishing bat *Noctilio leporinus* (Chiroptera: Noctilionidae) on Isla De Mona, Puerto Rico. *Mastozool. Neotrop.* **17**, 167–170 (2010).
1366. R. Kuwayama, Fossil deer *Cervus* (*Nipponicervus*) *praenipponicus* from the Upper Pleistocene of Shinsaku, Kawasaki City, Central Japan: Skull restoration and comparative osteology of *C. (N.) praenipponicus*. *Bull. Kawasaki Munic. Sci. Mus. Youth* **12**, 5–28 (2001).
1367. H. Otsuka, Fossil deer assemblage from sea bottom of Bisan-Seto area with special reference to their stratigraphic positions (Pleistocene deer fauna in Seto Island sea, Part III). *Rep. Fac. Sci. Kagoshima Univ. Earth Sci. Biol.* **22**, 57–87 (1989).
1368. J. Orihuela, Fossil Cuban crow *Corvus* cf. *nasicus* from Late Quaternary cave deposit in Northern Matanzas, Cuba. *J. Caribb. Ornithol.* **26**, 12–16 (2013).
1369. G. Silva Taboada, Fossil Chiroptera from cave deposits in central Cuba with description of two new species (genera *Pteronotus* and *Mormoops*) and the first West Indian record of *Mormoops megalophylla*. *Acta Zool. Cracoviensia* **19**, 33–74 (1974).
1370. K. F. Koopman, E. E. Williams, Fossil Chiroptera collected by H.E. Anthony in Jamaica, 1919–1920. *Am. Mus. Novit.* **1519**, 1–29 (1951).
1371. G. S. Morgan, “Fossil Chiroptera and Rodentia from the Bahamas, and the historical biogeography of the Bahamian mammal fauna” in *Biogeography of the West Indies, Past, Present, and Future*, C. A. Woods, Ed. (Sandhill Crane Press, 1989), pp. 685–740.
1372. T. Shikama, Fossil cervifauna of Syatin near Tainan, southwestern Taiwan (Formosa). *Sci. Rep. Tohoku Imp. Uni* **19**, 75–85 (1937).
1373. H. Otsuka, T. Shikama, Fossil cervidae from the Tou-kou-shan group in Taiwan. *Rep. Sci. Kagoshima Univ.* **11**, 27–59 (1978).

1374. M. Ouwendijk, L. W. van den Hoek Ostende, S. K. Donovan, Fossil bats from the Late Pleistocene Red Hills Road Cave, Jamaica. *Caribb. J. Sci.* **47**, 284–290 (2013). [doi:10.18475/cjos.v47i3.a16](https://doi.org/10.18475/cjos.v47i3.a16)
1375. K. F. Koopman, Fossil bats from the Bahamas. *J. Mammal.* **32**, 229 (1951). [doi:10.1093/jmammal/32.2.229](https://doi.org/10.1093/jmammal/32.2.229)
1376. C. Bochaton, S. Grouard, R. Cornette, I. Ineich, A. Lenoble, A. Tresset, S. Bailon, Fossil and subfossil herpetofauna from Cadet 2 Cave (Marie-Galante, Guadeloupe Islands, F. W. I.): Evolution of an insular herpetofauna since the Late Pleistocene. *C. R. Palevol* **14**, 101–110 (2015). [doi:10.1016/j.crpv.2014.10.005](https://doi.org/10.1016/j.crpv.2014.10.005)
1377. Y. Nakamura, Fossil and archeological records of the Ryukyu Long-Furred Rat *Diplothrix legata* (Rodentia, Muridae). *Mammal Study* **43**, 109–116 (2018). [doi:10.3106/ms2017-0044](https://doi.org/10.3106/ms2017-0044)
1378. K. J. Peters, F. Saltr , T. Friedrich, Z. Jacobs, R. Wood, M. McDowell, S. Ulm, C. J. A. Bradshaw, *FosSahul* 2.0, an updated database for the Late Quaternary fossil records of Sahul. *Sci. Data* **6**, 272 (2019). [doi:10.1038/s41597-019-0267-3](https://doi.org/10.1038/s41597-019-0267-3) [Medline](#)
1379. S. Siswanto, S. Noerwidi, Fosil Proboscidea dari situs Semedo: Hubungannya dengan biostratigrafi dan kehadiran manusia di Jawa. *Berk. Arkeol.* **34**, 115–130 (2014). [doi:10.30883/jba.v34i2.20](https://doi.org/10.30883/jba.v34i2.20)
1380. A. Lenoble, C. Stouvenot, P. Courtaud, S. Grouard, M. Scalliet, N. Serrand, Formes et remplissages du karst littoral guadeloup en. *Karstologia M m.* **17**, 226–233 (2009).
1381. J. Bauz , Formaciones cuaternarias en el Puerto de S ller (Mallorca). *Bol. R. Soc. Esp. Hist. Nat* **51**, 85–88 (1954).
1382. O. Hampe, D. Schwarz-Wings, C. Bickelmann, N. Klein, Fore limb bones of late Pleistocene dwarf hippopotamuses (Mammalia, Cetartiodactyla) from Madagascar previously determined as belonging to the crocodylid *Voay* Brochu, 2007. *Foss. Rec.* **13**, 303–307 (2010). [doi:10.5194/fr-13-303-2010](https://doi.org/10.5194/fr-13-303-2010)
1383. C. M. Giovas, thesis, University of Washington (2013).
1384. S. Chilardi, D. W. Frayer, P. Gioia, R. Macchiarelli, M. Mussi, Fontana Nuova di Ragusa (Sicily, Italy): Southernmost Aurignacian site in Europe. *Antiquity* **70**, 553–563 (1996). [doi:10.1017/S0003598X0008371X](https://doi.org/10.1017/S0003598X0008371X)
1385. R. C. Hulbert, Florida Museum Vertebrate Paleontology Database (2022); <https://www.floridamuseum.ufl.edu/vertpaleo-search/>.
1386. H. Okazaki, N. Kaneko, R. Hirayama, S. Isaji, H. Kato, H. Taru, Y. Takakuwa, A. Momohara, H. Ugai, Flood-plain deposits and fossil assemblages of the middle Pleistocene Kiyokawa Formation, Shimosa Group, eastern Japan. *Quat. Res.* **43**, 359–366 (2004). [doi:10.4116/jaqua.43.359](https://doi.org/10.4116/jaqua.43.359)
1387. T. C. Rick, C. A. Hofman, T. J. Braje, J. E. Maldonado, T. S. Sillett, K. Danchisko, J. M. Erlandson, Flightless ducks, giant mice and pygmy mammoths: Late Quaternary extinctions on California’s Channel Islands. *World Archaeol.* **44**, 3–20 (2012). [doi:10.1080/00438243.2012.646101](https://doi.org/10.1080/00438243.2012.646101)

1388. P. P. A. Mazza, M. Rustioni, Five new species of *Hoplitomeryx* from the Neogene of Abruzzo and Apulia (central and southern Italy) with revision of the genus and of *Hoplitomeryx matthei* Leinders, 1983. *Zool. J. Linn. Soc.* **163**, 1304–1333 (2011). [doi:10.1111/j.1096-3642.2011.00737.x](https://doi.org/10.1111/j.1096-3642.2011.00737.x)
1389. M. J. Morwood, P. B. O’Sullivan, F. Aziz, A. Raza, Fission-track ages of stone tools and fossils on the east Indonesian island of Flores. *Nature* **392**, 173–176 (1998). [doi:10.1038/32401](https://doi.org/10.1038/32401)
1390. W. J. Pestle, Fishing down a prehistoric Caribbean marine food web: Isotopic evidence from Punta Candelero, Puerto Rico. *J. Island Coast. Archaeol.* **8**, 228–254 (2013). [doi:10.1080/15564894.2013.797943](https://doi.org/10.1080/15564894.2013.797943)
1391. N. Carder, E. J. Reitz, J. G. Crock, Fish communities and populations during the post-Saladoid period (AD 600/800–1500), Anguilla, Lesser Antilles. *J. Archaeol. Sci.* **34**, 588–599 (2007). [doi:10.1016/j.jas.2006.06.014](https://doi.org/10.1016/j.jas.2006.06.014)
1392. R. D. E. MacPhee, ‘First’ appearances in the Cenozoic land-mammal record of the Greater Antilles: Significance and comparison with South American and Antarctic records. *J. Biogeogr.* **32**, 551–564 (2005). [doi:10.1111/j.1365-2699.2005.01231.x](https://doi.org/10.1111/j.1365-2699.2005.01231.x)
1393. R. D. E. MacPhee, M. A. Iturralde-Vinent, First Tertiary land mammal from Greater Antilles: An Early Miocene sloth (*Xenarthra*, *Megalonychidae*) from Cuba. *Am. Mus. Novit.* **3094**, 1–13 (1994).
1394. J. González-Dionis, C. Castillo Ruiz, P. Cruzado-Caballero, E. Cadavid-Melero, V. D. Crespo, First study of the bat fossil record of the mid-Atlantic volcanic islands. *Earth Environ. Sci. Trans. R. Soc. Edinb.* **113**, 13–27 (2022). [doi:10.1017/S1755691021000384](https://doi.org/10.1017/S1755691021000384)
1395. A. L. Rosenberger, S. B. Cooke, R. Rímoli, X. Ni, L. Cardoso, First skull of *Antillothrix bernensis*, an extinct relict monkey from the Dominican Republic. *Proc. R. Soc. London Ser. B* **278**, 67–74 (2011). [doi:10.1098/rspb.2010.1249](https://doi.org/10.1098/rspb.2010.1249) [Medline](#)
1396. P. Bellwood, *First Islanders: Prehistory and Human Migration in Island Southeast Asia* (John Wiley & Sons, Inc., 2017).
1397. L. W. van den Hoek Ostende, G. van der Berch, R. Awe Due, First fossil insectivores from Flores. *Hell. J. Geosci.* **41**, 67–72 (2006).
1398. M. C. Reyes, T. Ingicco, P. J. Piper, N. Amano, A. F. Pawlik, First fossil evidence of the extinct Philippine cloud rat *Crateromys paulus* (Muridae: Murinae: Phloeomyini) from Ilin Island, Mindoro, and insights into its Holocene abundance. *Proc. Biol. Soc. Wash.* **130**, 84–97 (2017). [doi:10.2988/17-00012](https://doi.org/10.2988/17-00012)
11399. G. Mangano, L. Bonfiglio, First finding of a partially articulated elephant skeleton from a Late Pleistocene hyena den in Sicily (San Teodoro Cave, North Eastern Sicily, Italy). *Quat. Int.* **276–277**, 53–60 (2012). [doi:10.1016/j.quaint.2011.08.034](https://doi.org/10.1016/j.quaint.2011.08.034)
1400. C.-H. Chang, M. Takai, S. Ogino, First discovery of colobine fossils from the early to middle Pleistocene of southern Taiwan. *J. Hum. Evol.* **63**, 439–451 (2012). [doi:10.1016/j.jhevol.2012.03.005](https://doi.org/10.1016/j.jhevol.2012.03.005) [Medline](#)
1401. M. Hardiman, A. C. Scott, N. Pinter, R. S. Anderson, A. Ejarque, A. Carter-Champion, R. A. Staff, Fire history on the California Channel Islands spanning human arrival in the

- Americas. *Philos. Trans. R. Soc. London Ser. B* **371**, 20150167 (2016).
[doi:10.1098/rstb.2015.0167](https://doi.org/10.1098/rstb.2015.0167) [Medline](#)
1402. S. Perdikaris, T. McGovern, M. Brown, C. Look, D. McGovern, A. Palsdottir, K. Smiarowski, “Field Report Barbuda Historical Ecology Project 2008,” 11 March 2008 (Antigua & Barbuda National Parks Dept. and City University of New York, 2008).
1403. M. Wirkner, C. Hertler, Feeding ecology of Late Pleistocene *Muntiacus muntjak* in the Padang Highlands (Sumatra). *C. R. Palevol* **18**, 541–554 (2019).
[doi:10.1016/j.crpv.2019.03.004](https://doi.org/10.1016/j.crpv.2019.03.004)
1404. A. Lenoble, S. Grouard, “Faune Des Cavités, Phase 1: Grande-Terre-Marie-Galante-La Désirade” (Bilan scientifique 2006-2008 SRA Guadeloupe, Ministère de la Culture et de la Communication, Guadeloupe, 2012), pp. 125–126.
1405. R. H. Colten, B. Worthington, Faunal remains from the Archaic and Archaic ceramic site of Vega del Palmar, Cuba. *J. Caribb. Archaeol.* **14**, 23–49 (2014).
1406. A. H. Simmons, *Faunal Extinction in an Island Society: Pygmy Hippopotamus Hunters of Cyprus* (Springer Science & Business Media, 1999).
1407. A. Anderson, C. Sand, F. Petchey, T. H. Worthy, Faunal extinction and human habitation in New Caledonia: Initial results and implications of new research at the Pindai Caves. *J. Pac. Archaeol.* **1**, 89–109 (2010).
1408. P. Y. Sondaar, Faunal evolution and the mammalian biostratigraphy of Java. *Cour. Forsch. Senckenberg* **69**, 219–235 (1984).
1409. C. Williams, “Faunal composition of Pamwak site, Manus Island, PNG” in *Le Pacifique de 5000 a 2000 avant le present. Suppléments a l’histoire d’une colonisation* (IRD Institut de Recherche pour le Développement, 1999), pp. 241–250.
1410. T. H. Worthy, Faunal and floral remains from Fl, a cave near Waitomo. *J. R. Soc. N. Z.* **14**, 367–377 (1984). [doi:10.1080/03036758.1984.10421737](https://doi.org/10.1080/03036758.1984.10421737)
1411. Y. Hasegawa, Fauna of Quaternary mammals based on mammalian fossils found in limestone caves and fissure deposits of the Akiyoshi-dai Plateau. *Mamm. Sci.* **49**, 97–100 (2009).
1412. L. Gasull, R. Adrover, Fauna malacológica y mastológica del yacimiento cuaternario de Es Bufador. *Boll. Soc. Hist. Nat. Balears* **12**, 141–148 (1966).
1413. J. Quintana, Fauna malacológica presente en los sedimentos holocénicos del Barranc d’Algendar (Ferrerries, Menorca). *Spira* **1**, 33–40 (2001).
1414. S. O’Connor, K. Aplin, E. St Pierre, Y. Feng, Faces of the ancestors revealed: Discovery and dating of a Pleistocene-age petroglyph in Lene Hara Cave, East Timor. *Antiquity* **84**, 649–665 (2010). [doi:10.1017/S0003598X00100146](https://doi.org/10.1017/S0003598X00100146)
1415. R. Dewar, “Extinctions in Madagascar. The Loss of the subfossil Fauna” in *Quaternary Extinctions – A Prehistoric Revolution*, P. Martin, R. Klein, Eds. (Univ. of Arizona Press, 1984), pp. 574–593.

1416. P. Bover, J. A. Alcover, Extinction of the autochthonous small mammals of Mallorca (Gymnesic Islands, Western Mediterranean) and its ecological consequences. *J. Biogeogr.* **35**, 1112–1122 (2008). [doi:10.1111/j.1365-2699.2007.01839.x](https://doi.org/10.1111/j.1365-2699.2007.01839.x)
1417. A. R. Sumanarathna, J. Katupotha, K. Abeywardhana, B. Madurapperuma, Extinction of Quaternary mammalian habitats of megafauna in Sabaragamuwa Basin, Sri Lanka. *J. Eco Astron.* **1**, 16–31 (2017).
1418. G. S. Morgan, C. A. Woods, Extinction and the zoogeography of West Indian land mammals. *Biol. J. Linn. Soc. Lond.* **28**, 167–203 (1986). [doi:10.1111/j.1095-8312.1986.tb01753.x](https://doi.org/10.1111/j.1095-8312.1986.tb01753.x)
1419. K. F. Koopman, D. W. Steadman, Extinction and biogeography of bats on 'Eua, Kingdom of Tonga. *Am. Mus. Novit.* **3125**, 1–13 (1995).
1420. A. H. Simmons, Extinct pygmy hippopotamus and early man in Cyprus. *Nature* **333**, 554–557 (1988). [doi:10.1038/333554a0](https://doi.org/10.1038/333554a0)
1421. S. M. Goodman, W. L. Jungers, *Extinct Madagascar: Picturing the Island's Past* (Univ. of Chicago Press, 2014).
1422. D. W. Steadman, Extinct and extirpated birds from Rota, Mariana Islands. *Micronesica* **25**, 71–84 (1992).
1423. D. W. Steadman, Extinct and extirpated birds from Aitutaki and Atiu, southern Cook Islands. *Pac. Sci.* **45**, 325–347 (1991).
1424. B. Gruwier, J. de Vos, K. Kovarovic, Exploration of the taxonomy of some Pleistocene Cervini (Mammalia, Artiodactyla, Cervidae) from Java and Sumatra (Indonesia): A geometric- and linear morphometric approach. *Quat. Sci. Rev.* **119**, 35–53 (2015). [doi:10.1016/j.quascirev.2015.04.012](https://doi.org/10.1016/j.quascirev.2015.04.012)
1425. J. Mulec, Expedition to The great cavern of Santo Tomm  s, El Moncada, Cuba 2011 December 17-29, 2011. *Acta Carsol.* **41**, 57 (2012). [doi:10.3986/ac.v41i1.57](https://doi.org/10.3986/ac.v41i1.57)
1426. A. F. Ainis, R. L. Vellanoweth, Expanding the chronology for the extinct giant island deer mouse (*Peromyscus nesodytes*) on San Miguel Island, California, USA. *J. Island Coast. Archaeol.* **7**, 146–152 (2012). [doi:10.1080/15564894.2011.611856](https://doi.org/10.1080/15564894.2011.611856)
1427. D. W. Steadman, R. Franz, G. S. Morgan, N. A. Albury, B. Kakuk, K. Broad, S. E. Franz, K. Tinker, M. P. Pateman, T. A. Lott, D. M. Jarzen, D. L. Dilcher, Exceptionally well preserved late Quaternary plant and vertebrate fossils from a blue hole on Abaco, The Bahamas. *Proc. Natl. Acad. Sci. U.S.A.* **104**, 19897–19902 (2007). [doi:10.1073/pnas.0709572104](https://doi.org/10.1073/pnas.0709572104) [Medline](#)
1428. I. Glover, thesis, The Australian National University (1972).
1429. P. Bellwood, R. Wood, G. Irwin, A. Waluyo, “Excavations in the Uattamdi rockshelters, Kayoa Island” in *The Spice Islands in Prehistory Archaeology in the Northern Moluccas, Indonesia*, P. Bellwood, Ed., vol. 50 of *Terra Australis* (ANU Press, 2019), pp. 67–76.
1430. B. Marshall, J. Allen, “Excavations at Panakiwuk Cave, New Ireland” (Report of the Lapita Homeland Project, Department of Prehistory, Australian National University Canberra, 1991), pp. 59–91.

1431. B. Thiel, Excavations at Musang Cave, northeast Luzon, Philippines. *Asian Perspect.* **28**, 61–81 (1990).
1432. M. Rodriguez, “Excavations at Maruca, a Preceramic site in southern Puerto Rico,” *Proceedings of the Seventeenth Congress of the International Association for Caribbean Archaeology* (Molloy College, Rockville Centre, New York, 1999), pp. 166–180.
1433. P. L. Drewett, M. H. Harris, L. A. Newsom, E. S. Wing, Excavations at Heywoods, Barbados, and the economic basis of the Suazoid period in the Lesser Antilles. *Proc. Prehist. Soc.* **59**, 113–137 (1993). [doi:10.1017/S0079497X00003777](https://doi.org/10.1017/S0079497X00003777)
1434. J. Bay-Petersen, Excavations at Bagumbayan, Masbate, central Philippines: An Economic Analysis. *Asian Perspect.* **25**, 67–98 (1982).
1435. L. S. Heng, Excavation at Chamber 1, Guri Cave on Palawan Island, the Philippines: Some preliminary observations. *Sejarah* **1**, 1–33 (1988). [doi:10.22452/sejarah.vol1no1.1](https://doi.org/10.22452/sejarah.vol1no1.1)
1436. A. Rosenfeld, Excavation at Buang Merabak, Central New Ireland. *Bull. Indo-Pac. Prehistory Assoc.* **16**, 213–224 (1997).
1437. P. Acosta Martinez, M. Pellicer Catalan, Excavaciones arqueologicas en la Cueva de la Arena (Barranco Hondo, Tenerife). *Est Atlant* **22**, 125–184 (1976).
1438. L. A. Carlson, D. W. Steadman, Examining temporal differences in faunal exploitation at two Ceramic Age sites in Puerto Rico. *J. Island Coast. Archaeol.* **4**, 207–222 (2009). [doi:10.1080/15564890903142842](https://doi.org/10.1080/15564890903142842)
1439. S. Brace, J. A. Thomas, L. Dalén, J. Burger, R. D. E. MacPhee, I. Barnes, S. T. Turvey, Evolutionary history of the Nesophontidae, the last unplaced recent mammal family. *Mol. Biol. Evol.* **33**, 3095–3103 (2016). [doi:10.1093/molbev/msw186](https://doi.org/10.1093/molbev/msw186) [Medline](#)
1440. G. S. Morgan, N. J. Czaplewski, “Evolutionary history of the Neotropical Chiroptera: the fossil record” in *Evolutionary History of Bats: Fossils, Molecules and Morphology* (Cambridge Univ. Press, 2012), pp. 105–161.
1441. C. Mezzabotta, F. Masini, D. Torre, Evolution of the first lower molar in the endemic vole *Microtus [Tyrrhenicola] henseli* [Arvicolidae, Rodentia, Mammalia] from Pleistocene and Holocene localities of Sardinia and Corsica. *Acta Zool. Cracoviensia* **39**, 357–372 (1996).
1442. A. C. Marra, Evolution of endemic species, ecological interactions and geographical changes in an insular environment: A case study of Quaternary mammals of Sicily (Italy, EU). *Geosciences (Basel)* **3**, 114–139 (2013). [doi:10.3390/geosciences3010114](https://doi.org/10.3390/geosciences3010114)
1443. J. Michaux, T. Cucchi, S. Renaud, F. Garcia-Talavera, R. Hutterer, Evolution of an invasive rodent on an archipelago as revealed by molar shape analysis: The house mouse in the Canary Islands. *J. Biogeogr.* **34**, 1412–1425 (2007). [doi:10.1111/j.1365-2699.2007.01701.x](https://doi.org/10.1111/j.1365-2699.2007.01701.x)
1444. S. Martojoyo, thesis, Teknik Geologi ITB, Bandung (1984).
1445. W. H. Waldren, “Evidence of the extinction of the *Myotragus balearicus*,” *Prehistoria y arqueología de las Islas Baleares: VI symposium de prehistoria peninsular* (Universidad de Barcelona, Instituto de Arqueología y Prehistoria, Barcelona, 1974), pp. 31–38.

1446. M. Boudadi-Maligne, S. Bailon, C. Bochaton, F. Casagrande, S. Grouard, N. Serrand, A. Lenoble, Evidence for historical human-induced extinctions of vertebrate species on La Désirade (French West Indies). *Quat. Res.* **85**, 54–65 (2016).
[doi:10.1016/j.yqres.2015.11.001](https://doi.org/10.1016/j.yqres.2015.11.001)
1447. J. Quintana, thesis, Universitat Autònoma de Barcelona (2005).
1448. C. Criado Hernández, P. Atoche Peña, Estudio gearqueológico del yacimiento del El Bebedero (siglos I ac a XIV dc, Lanzarote, Islas Canarias). *Rev. Cuaternario Geomorfol.* **17**, 91–104 (2003).
1449. D. Ramis, thesis, Universidad Nacional de Educación a Distancia (2006).
1450. R. Adrover, Estudio comparativo de los restos craneanos de *Myotragus* procedentes de la sima de Génova (Palma de Mallorca). *Boll. Soc. Hist. Nat. Balears* **13**, 99–116 (1967).
1451. P. Atoche Peña, Estratigrafías, cronologías absolutas y periodización cultural de la protohistoria de Lanzarote. *Zephyrus* **63**, 105–134 (2009).
1452. J. Pons-Moyà, Estratigrafia y fauna del yacimiento kárstico de cala Morlanda. (Manacor, Mallorca). *Endins* **16**, 59–62 (1990).
1453. A. Ginés, L. A. Fiol, Estratigrafía del yacimiento de la Cova des Fum. *Endins* **8**, 25–42 (1981).
1454. S. Baleka, V. L. Herridge, G. Catalano, A. M. Lister, M. R. Dickinson, C. Di Patti, A. Barlow, K. E. H. Penkman, M. Hofreiter, J. L. A. Paijmans, Estimating the dwarfing rate of an extinct Sicilian elephant. *Curr. Biol.* **31**, 3606–3612.e7 (2021).
[doi:10.1016/j.cub.2021.05.037](https://doi.org/10.1016/j.cub.2021.05.037) [Medline](#)
1455. E. J. Rhodes, *ESR dating of tooth enamel. In Siracusa, le ossa dei giganti: lo scavo paleontologico di Contrada Fusco* (Arnaldo Lombardi, Siracusa, 1996).
1456. G. Marinos, N. Symeonidis, Erstmalige Funde von Zwergelafanten auf der Insel Rhodos. *Anz. Mathem-Nat. Kl. Österr. Akad. Wiss. Jg* **110**, 130–131 (1973).
1457. G. H. R. von Koenigswald, Erste Mitteilung über einen fossilen Hominiden aus dem Altpleistocän Ostjawas. *Verh. K. Akad. Van Wet.* **39**, 1000–1009 (1936).
1458. J. L. Knowlton, C. Josh Donlan, G. W. Roemer, A. Samaniego-Herrera, B. S. Keitt, B. Wood, A. Aguirre-Muñoz, K. R. Faulkner, B. R. Tershy, Eradication of non-native mammals and the status of insular mammals on the California Channel Islands, USA, and Pacific Baja California Peninsula Islands, Mexico. *Southwest. Nat.* **52**, 528–540 (2007).
[doi:10.1894/0038-4909\(2007\)52\[528:EONMAT\]2.0.CO;2](https://doi.org/10.1894/0038-4909(2007)52[528:EONMAT]2.0.CO;2)
1459. J. Louys, P. Roberts, Environmental drivers of megafauna and hominin extinction in Southeast Asia. *Nature* **586**, 402–406 (2020). [doi:10.1038/s41586-020-2810-y](https://doi.org/10.1038/s41586-020-2810-y) [Medline](#)
1460. N. Symeonidis, F. Bachmayer, H. Zapfe, Entdeckung von Zwergelafanten auf der Insel Rhodos (Ausgrabungen 1973). *Ann. Naturhist. Mus. Wien* **78**, 193–202 (1974).
1461. C. A. Woods, Endemic rodents of the West Indies: The end of a splendid isolation. *Rodents World Surv. Species Conserv. Concern IUCN Occas. Pap. IUCN Species Surviv. Comm. Monogr. Ser.* **4**, 11–19 (1989).

1462. P. N. Peregrine, M. Ember, *Encyclopedia of Prehistory: Volume 5: Middle America* (Springer, 2001).
1463. J. A. Alcover, P. Bover, M. J. Escandell, J. M. López-Garí, R. Marlasca, D. Ramis, Els superdepredadors de la fauna plesitocènica de Menorca i Formentera. *Endins* **26**, 53–57 (2004).
1464. J. A. Alcover, J. Muntaner, Els quiròpters de les Balears i Pitiüses: Una revisió. *Endins* **12**, 51–63 (1986).
1465. J. Ginés, J. J. Fornós, M. Trias, A. Ginés, G. Santandreu, Els fenòmens endorçàstics de la zona de Ca N'Olesa: La Cova de s'Ònix i altres cavitats veïnes (Manacor, Mallorca). *Endins* **31**, 5–30 (2007).
1466. J. W. F. Reumer, *Eliomys (Hypnomys) onicensis* nomen novum, to replace the homonym *Hypnomys intermedius* Reumer, 1981 (Rodentia: Gliridae) from Majorca. *Z. Säugetierkd.* **59**, 310–311 (1994).
1467. J. A. Alcover, J. Agustí, *Eliomys (Eivissa) canarreiensis* n. sgen., n.sp., nou glírid del Pleistocè de la Cova de Ca Na Reia (Pitiüses). *Endins* **10–11**, 51–56 (1985).
1468. G. Theodorou, N. Symeonidis, E. Stathopoulou, *Elephas tiliensis* n. sp. from Tilos island (Dodecanese, Greece). *Hell. J. Geosci.* **42**, 19–32 (2007).
1469. G. C. Georgalas, “*Elephas* (palaeozoology)” in *Megali Helliniki Egkyklopaedia* (1929), 9, pp. 945–946.
1470. J. Pons-Moyà, El yacimiento paleontológico de Sa Cova de sa Bassa Blanca (Alcúdia, Mallorca). *Speleon* **21**, 125–132 (1974).
1471. W. Graves, W. H. Waldren, El yacimiento de *Myotragus balearicus* de las cuevas de Son Muleta y su relación con los niveles arqueológicos de Mallorca. *Boll. Soc. Hist. Nat. Balears* **12**, 51–60 (1966).
1472. R. Adrover, B. Ángel, El *Myotragus* de Can Sion: Primer esqueleto completo (no compuesto) del rupicáprido endémico de Baleares. *Boll. Soc. Hist. Nat. Balears* **13**, 75–95 (1967).
1473. J. A. Encinas, J. A. Alcover, El jaciment fòssilífer de la Cova Estreta (Pollença, Mallorca). *Endins* **21**, 83–92 (1997).
1474. B. Seguí, P. Bover, M. Trias, J. A. Alcover, El jaciment fòssilífer de la Cova C-2 (Ciutadella de Menorca). *Endins* **22**, 81–97 (1998).
1475. A. M. Saiful, A. Anggraeni, Eksploitasi Suidae Pada Kala Holosen di Liang Pannininge, Maros, Sulawesi Selatan. *Purbawidya* **8**, 81–100 (2019). [doi:10.24164/pw.v8i2.306](https://doi.org/10.24164/pw.v8i2.306)
1476. S. E. Kuss, Eine pleistozäne Säugetierfauna der Insel Kreta. *Ber. Naturf. Ges. Freibg. Br* **55**, 271–348 (1965).
1477. H. Pieper, Eine neue Mesocricetus-Art (Mammalia: Cricetidae) von der Griechischen Insel Armathia. *Stuttg. Beitr. Naturkd., B* **107**, 1–9 (1984).
1478. E. Dubois, Eenige van Nederlandschen kant verkregen uitkomsten met betrekking tot de kennis der Kendeng-fauna (Fauna van Trinil). *Tijdschr. K. Nederlansch. Aardrijkskd. Genoot.* **24**, 449–458 (1907).

1479. S. W. Hixon, K. G. Douglass, L. R. Godfrey, L. Eccles, B. E. Crowley, L. M. A. Rakotozafy, G. Clark, S. Haberle, A. Anderson, H. T. Wright, D. J. Kennett, Ecological consequences of a millennium of introduced dogs on Madagascar. *Front. Ecol. Evol.* **9**, 689559 (2021). [doi:10.3389/fevo.2021.689559](https://doi.org/10.3389/fevo.2021.689559)
1480. S. Moyà-Solà, J. Quintana Cardona, M. Köhler, *Ebusia moralesi* n. gen. nov. sp, a new endemic caprine (Bovidae, Mammalia) from the Neogene of Eivissa Island (Balearic Islands, Western Mediterranean): Evolutionary implications. *Hist. Biol.* **34**, 1642–1659 (2022). [doi:10.1080/08912963.2022.2060099](https://doi.org/10.1080/08912963.2022.2060099)
1481. R. K. McAfee, R. O. Rimoli, Easternmost occurrences of *Neocnus* (Mammalia, Pilosa, Megalonychidae) from the late Pleistocene–early Holocene of the Dominican Republic (Hispaniola). *J. Vertebr. Paleontol.* **39**, e1624971 (2019). [doi:10.1080/02724634.2019.1624971](https://doi.org/10.1080/02724634.2019.1624971)
1482. L. Salari, T. Kotsakis, C. Petronio, Early Pleistocene bats from Pirro Nord (Apulia, Southern Italy). *Palaeontographica Abt. A Paläozool. Stratigr.* **298**, 55–72 (2013). [doi:10.1127/pala/298/2013/55](https://doi.org/10.1127/pala/298/2013/55)
1483. D. Zoboli, G. L. Pillola, Early Miocene insular vertebrates from Laerru (Sardinia, Italy): Preliminary note. *Riv. Ital. Paleontol. Stratigr.* **123**, 149–158 (2017).
1484. A. Brumm, M. C. Langley, M. W. Moore, B. Hakim, M. Ramli, I. Sumantri, B. Burhan, A. M. Saiful, L. Siagian, R. Suryatman, R. Sardi, A. Jusdi, A. P. Abdullah, A. P. Mubarak, Hasliana, A. A. Hasrianti, A. A. Oktaviana, S. Adhityatama, G. D. van den Bergh, M. Aubert, J. X. Zhao, J. Huntley, B. Li, R. G. Roberts, E. W. Saptomo, Y. Perston, R. Grün, Early human symbolic behavior in the Late Pleistocene of Wallacea. *Proc. Natl. Acad. Sci. U.S.A.* **114**, 4105–4110 (2017). [doi:10.1073/pnas.1619013114](https://doi.org/10.1073/pnas.1619013114) [Medline](#)
1485. A. Kawamura, Y. Kawamura, M. Namiki, Early Holocene wild boar remains from Tsudupisuki-abu Cave on Miyako Island of the Southern Ryukyus, Japan. *Quat. Int.* **455**, 18–29 (2017). [doi:10.1016/j.quaint.2017.07.007](https://doi.org/10.1016/j.quaint.2017.07.007)
1486. J. Hansford, P. C. Wright, A. Rasoamiramanana, V. R. Pérez, L. R. Godfrey, D. Erickson, T. Thompson, S. T. Turvey, Early Holocene human presence in Madagascar evidenced by exploitation of avian megafauna. *Sci. Adv.* **4**, eaat6925 (2018). [doi:10.1126/sciadv.aat6925](https://doi.org/10.1126/sciadv.aat6925) [Medline](#)
1487. K. M. Muldoon, B. Crowley, L. Godfrey, A. Rasoamiramanana, A. Aronson, J. Jernvall, P. Wright, E. Simons, Early Holocene fauna from a new subfossil site: A first assessment from Christmas River, south central Madagascar. *Madag. Conserv. Dev.* **7**, 23–29 (2012). [doi:10.4314/mcd.v7i1.5](https://doi.org/10.4314/mcd.v7i1.5)
1488. L. Bonfiglio, M. Piperno, “Early faunal and human populations” in *Early Societies in Sicily: New Developments in Archaeological Research*, R. Leighton, Ed., *Accordia Specialist Studies on Italy* (Univ. of London, 1996), pp. 21–29.
1489. S. Scudder, “Early Arawak subsistence strategies: The Rodney’s House site of Jamaica” in *The Earliest Inhabitants: The Dynamics of the Jamaican Taíno*, L.-G. Atkinson, Ed. (Univ. of the West Indies Press, 2006), pp. 113–128.
1490. S. Scudder, “Early Arawak subsistence strategies on the south coast of Jamaica” in *Proceedings of the Thirteenth International Congress for Caribbean Archaeology*, E. N.

Ayubi, J. B. Haviser, Eds., vol. 9 of *Reports of the Archaeological-Anthropological Institute of the Netherlands Antilles* (Cultural Resource Solutions, Curaçao, 1991), pp. 297–315.

1491. R. D. E. MacPhee, M. A. Iturralde-Vinent, Earliest monkey from Greater Antilles. *J. Hum. Evol.* **28**, 197–200 (1995). [doi:10.1006/jhev.1995.1014](https://doi.org/10.1006/jhev.1995.1014)
1492. T. Ingicco, G. D. van den Bergh, C. Jago-on, J.-J. Bahain, M. G. Chacón, N. Amano, H. Forestier, C. King, K. Manalo, S. Nomade, A. Pereira, M. C. Reyes, A.-M. Sémah, Q. Shao, P. Voinchet, C. Falguères, P. C. H. Albers, M. Lising, G. Lyras, D. Yurnaldi, P. Rochette, A. Bautista, J. de Vos, Earliest known hominin activity in the Philippines by 709 thousand years ago. *Nature* **557**, 233–237 (2018). [doi:10.1038/s41586-018-0072-8](https://doi.org/10.1038/s41586-018-0072-8)
[Medline](#)
1493. G. D. van den Bergh, B. Li, A. Brumm, R. Grün, D. Yurnaldi, M. W. Moore, I. Kurniawan, R. Setiawan, F. Aziz, R. G. Roberts, M. Suyono, M. Storey, E. Setiabudi, M. J. Morwood, Earliest hominin occupation of Sulawesi, Indonesia. *Nature* **529**, 208–211 (2016). [doi:10.1038/nature16448](https://doi.org/10.1038/nature16448) [Medline](#)
1494. H. Saegusa, Dwarf Stegolophodon from the Miocene of Japan: Passengers on sinking boats. *Quat. Int.* **182**, 49–62 (2008). [doi:10.1016/j.quaint.2007.08.001](https://doi.org/10.1016/j.quaint.2007.08.001)
1495. V. L. Herridge, thesis, University College London (2010).
1496. A. Malatesta, Dwarf deer and other Late Pleistocene fauna of the Simonelli Cave in Crete. *Probl. Attuali Sci. Cult.* **249**, 3–97 (1980).
1497. S. Grouard, B. Benoît, “Dualité d’exploitation économique des animaux au Diamant, Martinique,” *Proceedings of the 20th International Congress for Caribbean Archaeology* (Museo del Hombre Dominicano y Fundacion Garcia Arevalo, Santo Domingo, 2005), pp. 169–180.
1498. K. W. Dammerman, “Donnee provisoire des mammiferes dans la grotte de Sampung” in *Hommage, Premier Congres des Prehistoriens d’Extreme-Orient a Hanoi* (Societe Royale des Arts et des Sciences de Batavia, 1932), pp. 30–31.
1499. R. D. E. MacPhee, M. A. Iturralde-Vinent, E. S. Gaffney, Domo de Zaza, an Early Miocene vertebrate locality in south-central Cuba, with notes on the tectonic evolution of Puerto Rico and the Mona Passage. *Am. Mus. Novit.* **3394**, 1–42 (2003).
[doi:10.1206/0003-0082\(2003\)394<0001:DDZAEM>2.0.CO;2](https://doi.org/10.1206/0003-0082(2003)394<0001:DDZAEM>2.0.CO;2)
1500. T. C. Rick, P. L. Walker, L. M. Willis, A. C. Noah, J. M. Erlandson, R. L. Vellanoweth, T. J. Braje, D. J. Kennett, Dogs, humans and island ecosystems: The distribution, antiquity and ecology of domestic dogs (*Canis familiaris*) on California’s Channel Islands, USA. *Holocene* **18**, 1077–1087 (2008). [doi:10.1177/0959683608095579](https://doi.org/10.1177/0959683608095579)
1501. S. Grouard, S. Perdikaris, K. Debye, Dog burials associated with human burials in the West Indies during the early pre-Columbian Ceramic Age (500 BC–600 AD). *Anthropozoologica* **48**, 447–465 (2013). [doi:10.5252/az2013n2a17](https://doi.org/10.5252/az2013n2a17)
1502. D. Bulbeck, “Divided in space, united in time: The Holocene Prehistory of South Sulawesi” in *Quaternary Research in Indonesia*, S. G. Keates, J. M. Pasveer, Eds., vol. 18 of *Modern Quaternary Research in Southeast Asia* (CRC Press, 2004), pp. 129–166.

1503. I. Oshiro, T. Nohara, Distribution of Pleistocene terrestrial vertebrates and their migration to the Ryukyus. *Tropics* **10**, 41–50 (2000). [doi:10.3759/tropics.10.41](https://doi.org/10.3759/tropics.10.41)
1504. A. Muntaner, Distribución en Baleares de *Myotragus balearicus* Bate. *Boll. Soc. Hist. Nat. Balears* **12**, 25–28 (1966).
1505. C. J. Norton, Y. Hasegawa, N. Kohno, Y. Tomida, Distinguishing archaeological and paleontological faunal collections from Pleistocene Japan: Taphonomic perspectives from Hanaizumi. *Anthropol. Sci.* **115**, 91–106 (2007). [doi:10.1537/ase.060605](https://doi.org/10.1537/ase.060605)
1506. D. DeMiguel, Disentangling adaptive evolutionary radiations and the role of diet in promoting diversification on islands. *Sci. Rep.* **6**, 29803 (2016). [doi:10.1038/srep29803](https://doi.org/10.1038/srep29803) [Medline](#)
1507. P. Roberts, N. Perera, O. Wedage, S. Deraniyagala, J. Perera, S. Eregama, A. Gledhill, M. D. Petraglia, J. A. Lee-Thorp, Direct evidence for human reliance on rainforest resources in late Pleistocene Sri Lanka. *Science* **347**, 1246–1249 (2015). [doi:10.1126/science.aaa1230](https://doi.org/10.1126/science.aaa1230) [Medline](#)
1508. J. Louys, G. J. Price, S. O'Connor, Direct dating of Pleistocene stegodon from Timor Island, East Nusa Tenggara. *PeerJ* **4**, e1788 (2016). [doi:10.7717/peerj.1788](https://doi.org/10.7717/peerj.1788) [Medline](#)
1509. A. Zazzo, M. Lebon, A. Quiles, I. Reiche, J.-D. Vigne, Direct dating and physico-chemical analyses cast doubts on the coexistence of humans and dwarf hippos in Cyprus. *PLOS ONE* **10**, e0134429 (2015). [doi:10.1371/journal.pone.0134429](https://doi.org/10.1371/journal.pone.0134429) [Medline](#)
1510. J. Louys, S. Kealy, S. O'Connor, G. Price, S. Hawkins, K. P. Aplin, Y. Rizal, J. Zaim, D. A. Mahirta, D. Tanudirjo, W. D. Santoso, A. R. Hidayah, A. Trihascaryo, R. Wood, J. Bevitt, T. Clark, Differential preservation of vertebrates in Southeast Asian caves. *Int. J. Speleol.* **46**, 379–408 (2017). [doi:10.5038/1827-806X.46.3.2131](https://doi.org/10.5038/1827-806X.46.3.2131)
1511. G. M. Semprebon, F. Rivals, J. M. Fahlke, W. J. Sanders, A. M. Lister, U. B. Göhlich, Dietary reconstruction of pygmy mammoths from Santa Rosa Island of California. *Quat. Int.* **406**, 123–136 (2016). [doi:10.1016/j.quaint.2015.10.120](https://doi.org/10.1016/j.quaint.2015.10.120)
1512. A. R. Jones, Dietary change and human population at Indian Creek, Antigua. *Am. Antiq.* **50**, 518–536 (1985). [doi:10.2307/280319](https://doi.org/10.2307/280319)
1513. C. Firmat, H. Gomes Rodrigues, R. Hutterer, J. C. Rando, J. A. Alcover, J. Michaux, Diet of the extinct Lava mouse *Malpaisomys insularis* from the Canary Islands: Insights from dental microwear. *Naturwissenschaften* **98**, 33–37 (2011). [doi:10.1007/s00114-010-0738-z](https://doi.org/10.1007/s00114-010-0738-z) [Medline](#)
1514. H. Stremme, “Die Säugetiere mit Ausnahme der Proboscider” in *Die Pithecanthropus-Schichten auf Java, Geologische und Paläontologische Ergebnisse der Trinil-Expedition (1907 und 1908)*, L. Selenka, M. Blankenhorn, Eds. (Engelmann, Leipzig, 1911), pp. 82–150.
1515. S. E. Kuss, Die pleistozänen Säugetierfaunen der ostmediterranen Inseln: Ihr Alter und ihre Herkunft. *Ber. Naturf. Ges. Freibg. Br* **63**, 49–71 (1973).
1516. S. E. Kuss, Die pleistozänen Hirsche der ostmediterranen Inseln Kreta, Kasos, Karpathos und Rhodos (Griechenland). *Ber. Naturf. Ges. Freibg. Br* **65**, 25–79 (1975).

1517. A. Papp, "Die paläogeologische Entstehung der Ägäis nach dem derzeitigen Stand unserer Kenntnisse" in *Herpetologia aegaea*, O. Wettstein, Ed., vol. 162 of *Sitzungsberichte der Österreichischen Akademie der Wissenschaften - Mathematisch-Naturwissenschaftliche Klasse* (Österreichische Akademie der Wissenschaften, Wien, 1953), pp. 815–818.
1518. T. Verhoeven, Die Klingenkultur der Insel Timor. *ANTHROPOS* **54**, 970–972 (1959).
1519. G. H. R. von Koenigswald, Die fossilen Säugetierfaunen Javas. *Proc. Kon. Ned. Akad. Wetensch* **38**, 188–198 (1935).
1520. S. E. Kuss, Die erste pleistozäne Säugetierfauna der Insel Kasos (Griechenland). *Ber. Naturf. Ges. Freibg. Br* **59**, 169–177 (1969).
1521. N. Symeonidis, Die Entdeckung von Zwergelafanten in der Höhle „Charkadio“ auf der Insel Tilos (Dodekanes, Griechenland). *Ann. Geol. Pays Hell.* **24**, 445–461 (1972).
1522. F. Bachmayer, N. Symeonidis, H. Zapfe, Die Ausgrabungen in der Zwergelafantenhöhle der Insel Tilos (Dodekanes, Griechenland) im Jahr 1983. *Sitzungsber. Österr. Akad. Wis – Math-Naturwis. Kl.* **193**, 321–328 (1984).
1523. F. Bachmayer, N. Symeonidis, R. Seemann, Die Ausgrabungen in der Zwergelafantenhöhle „Charkadio“ auf der Insel Tilos (Dodekanes, Griechenland) in den Jahren 1974 und 1975. *Ann. Naturhist. Mus. Wien* **80**, 113–144 (1976).
1524. R. Volmer, E. Hölzchen, A. Wurster, M. R. Ferreras, C. Hertler, Did *Panthera pardus* (Linnaeus, 1758) become extinct in Sumatra because of competition for prey? Modeling interspecific competition within the Late Pleistocene carnivore guild of the Padang Highlands, Sumatra. *Palaeogeogr. Palaeoclimatol. Palaeoecol.* **487**, 175–186 (2017). [doi:10.1016/j.palaeo.2017.08.032](https://doi.org/10.1016/j.palaeo.2017.08.032)
1525. W. H. Waldren, Determinación de la edad por medio del C14. *Boll. Soc. Hist. Nat. Balears* **17**, 34–50 (1972).
1526. S. M. Goodman, N. Vasey, D. A. Burney, Description of a new species of subfossil shrew tenrec (Afrosoricida: Tenrecidae: *Microgale*) from cave deposits in southeastern Madagascar. *Proc. Biol. Soc. Wash.* **120**, 367–376 (2007). [doi:10.2988/0006-324X\(2007\)120\[367:DOANSO\]2.0.CO;2](https://doi.org/10.2988/0006-324X(2007)120[367:DOANSO]2.0.CO;2)
1527. J. Quintana, Descripció de la mandíbula, els segons molars i les incisives de *Muscardinus cyclopeus* Agustí, Moyà-Solà & Pons-Moyà, 1982 (Mammalia, Rodentia, Myoxidae). *Endins* **36**, 125–130 (2014).
1528. M. Freudenthal, *Deinogalerix koenigswaldi* nov. gen., nov. spec., a giant insectivore from the Neogene of Italy. *Scr. Geol.* **14**, 1–19 (1972).
1529. L. Cayeux, Découverte de l'*Elephas antiquus* à l'île de Délos (Cyclades). *C. R. Hebd. Seances Acad. Sci.* **147**, 1089–1090 (1908).
1530. J. M. Wilmshurst, A. J. Anderson, T. F. G. Higham, T. H. Worthy, Dating the late prehistoric dispersal of Polynesians to New Zealand using the commensal Pacific rat. *Proc. Natl. Acad. Sci. U.S.A.* **105**, 7676–7680 (2008). [doi:10.1073/pnas.0801507105](https://doi.org/10.1073/pnas.0801507105) [Medline](#)

1531. M. Kondo, S. Matsu'ura, Dating of the Hamakita human remains from Japan. *Anthropol. Sci.* **113**, 155–161 (2004). [doi:10.1537/ase.040427](https://doi.org/10.1537/ase.040427)
1532. R. D. E. MacPhee, D. A. Burney, Dating of modified femora of extinct dwarf *Hippopotamus* from southern Madagascar: Implications for constraining human colonization and vertebrate extinction events. *J. Archaeol. Sci.* **18**, 695–706 (1991). [doi:10.1016/0305-4403\(91\)90030-S](https://doi.org/10.1016/0305-4403(91)90030-S)
1533. M. Leavesley, J. Allen, Dates, disturbance and artefact distributions: Another analysis of Buang Merabak, a Pleistocene site on New Ireland, Papua New Guinea. *Archaeol. Ocean.* **33**, 63–82 (1998). [doi:10.1002/j.1834-4453.1998.tb00405.x](https://doi.org/10.1002/j.1834-4453.1998.tb00405.x)
1534. Natural History Museum, Data Portal Query on, “Specimens” created at 2021-05-30 12:31:15.305715 PID <https://doi.org/10.5519/qd.1eo36kds>. Subset of “Collection specimens” (dataset) PID <https://doi.org/10.5519/0002965>.
1535. G. H. R. von Koenigswald, Das Pleistocän Javas. *Quartär* **2**, 28–53 (1939).
1536. E. Dubois, Das geologische Alter der Kendeng- oder Trinil-Fauna. *Tijdschr. K. Nederlandsch Aardrijkskd. Genoot.* **25**, 1235–1270 (1908).
1537. D. Bulbeck, M. Pasqua, A. Di Lello, Culture History of the Toalean of South Sulawesi, Indonesia. *Asian Perspect. (Honolulu)* **39**, 71–108 (2000). [doi:10.1353/asi.2000.0004](https://doi.org/10.1353/asi.2000.0004)
1538. R. Arrazcaeta Delgado, F. Navarrete Quinones, “Cueva de La Cachimba: nueva localidad del arte rupestre cubano” in *StoneWatch. The World of Petroglyphs* (StoneWatch, Warmsroth, Germany, 2003), pp. 1–14.
1539. R. H. Colten, “Cuban Archaeological Research at Yale Peabody Museum,” *Proceeding of the 25th International Congress for Caribbean Archeology* (Instituto de Cultura Puertorriqueña, el Centro de Estudios Avanzados de Puerto Rico y el Caribe y la Universidad de Puerto Rico, Recinto de Río Piedras, San Juan, Puerto Rico, 2015), pp. 45–55.
1540. M. R. Harrington, Cuba before Columbus. *Indian Notes Monogr. Mus. Am. Indian Heye Found.* **17** (1921).
1541. L. R. Meador, L. R. Godfrey, J. C. Rakotondramavo, L. Ranivoharimanana, A. Zamora, M. R. Sutherland, M. T. Irwin, *Cryptoprocta spelea* (Carnivora: Eupleridae): what did it eat and how do we know? *J. Mamm. Evol.* **26**, 237–251 (2019). [doi:10.1007/s10914-017-9391-z](https://doi.org/10.1007/s10914-017-9391-z)
1542. D. Gaffney, A. Ford, G. Summerhayes, Crossing the Pleistocene-Holocene transition in the New Guinea Highlands: Evidence from the lithic assemblage of Kiowa rockshelter. *J. Anthropol. Archaeol.* **39**, 223–246 (2015). [doi:10.1016/j.jaa.2015.04.006](https://doi.org/10.1016/j.jaa.2015.04.006)
1543. J. Quintana, P. Bover, D. Ramis, J. A. Alcover, Cronologia de la desaparició de *Myotragus balearicus* Bate 1909 a Menorca. *Endins* **25**, 155–158 (2003).
1544. M. Freudenthal, Cricetidae (Rodentia) from the Neogene of Gargano (Prov. of Foggia, Italy). *Scr. Geol.* **77**, 29–76 (1985).

1545. A. Athanassiou, V. Herridge, D. S. Reese, G. Iliopoulos, S. Roussiakis, V. Mitsopoulou, E. Tsiolakis, G. Theodorou, Cranial evidence for the presence of a second endemic elephant species on Cyprus. *Quat. Int.* **379**, 47–57 (2015). [doi:10.1016/j.quaint.2015.05.065](https://doi.org/10.1016/j.quaint.2015.05.065)
1546. G. Santandreu, *Coves i avencs de Santa Maria del Camí* (Documenta Balear, Mallorca, 2002).
1547. J. Bermejo, T. Mateu, R. Minguillón, G. Herráez, B. López, Cova de sa Sorpresa (Calvià, Mallorca). *Endins* **36**, 65–68 (2014).
1548. A. A. E. van der Geer, “Corbeddu Cave and its excavations” in *Fossil Mammalian Biotas of Sardinia, Italy, Fieldtrip Guide-Book* (PUBLIEDIL SERVICE, Pirri (CA), 2008), pp. 86–92.
1549. F. H. van der Maarel, Contributions to the knowledge of the fossil mammalian fauna of Java. *Wet. Meded. Dienst Van Den Mijnb. Ned.-Indië* **15**, 1–208 (1932).
1550. C. Marziano, S. Chilardi, “Contribution to knowledge of the Pleistocene mammal-bearing deposits of the territory of Siracusa (southeastern Sicily)” in *Biosphere to Lithosphere: New Studies in Vertebrate Taphonomy* (9th ICAZ Conference 2002, Durham, England, 2005), pp. 94–109.
1551. A. C. Marra, Contribution of the late Miocene mammals from Calabria and Sicily to the palaeogeography of the central Mediterranean. *Atti Della Accad. Peloritana Dei Pericolanti-Cl. Sci. Fis. Mat. E Nat.* **97** (2019).
1552. H. Bocherens, J. Michaux, D. Billiou, J. Castanet, F. García-Talavera, Contribution of collagen stable isotope biogeochemistry to the paleobiology of extinct endemic vertebrates from Tenerife (Canary Islands, Spain). *Isotopes Environ. Health Stud.* **39**, 197–210 (2003). [doi:10.1080/1025601031000113574](https://doi.org/10.1080/1025601031000113574) [Medline](#)
1553. J. Bauzá, Contribuciones a la geología de Mallorca. *Boll. Soc. Hist. Nat. Balears* **7**, 31–35 (1961).
1554. J. S. Mestre, J. C. de Nicolás, Contribución de la datación por radiocarbono al establecimiento de la cronología absoluta de la prehistoria menorquina. *Caesaraugusta* **73**, 327–341 (1999).
1555. J. Bauzá, Contribución a la paleontología de Mallorca. Notas sobre el Cuaternario. *Est. Geol* **4**, 199–204 (1946).
1556. J. P. Hume, “Contrasting taphofacies in ocean island settings: the fossil record of Mascarene vertebrates,” *Proceedings of the International Symposium “Insular Vertebrate Evolution: The Palaeontological Approach”*, vol. 12 of *Monografies de la Societat d’Història Natural de les Balears* (2005), pp. 129–144.
1557. P. J. Piper, Earl of Cranbrook, R. J. Rabett, Confirmation of the presence of the tiger *Panthera tigris* (L.) in Late Pleistocene and Holocene Borneo. *Malay. Nat. J.* **59**, 259–267 (2007).
1558. C. Arredondo Antunez, Composición de la fauna de vertebrados terrestres extintos del cuaternario de Cuba. *Rev. Electrónica Orbita Científica* **2**, 1–14 (1997).

1559. G. Silva Taboada, W. Suarez Duque, S. Diaz Franco, *Compendio de los Mamíferos Terrestres Autóctonos de Cuba Vivientes y Extinguidos* (Ediciones Bolona, Museo Nacional De Historia Natural, 2007).
1560. D. J. van Weers, Comparison of Neogene low-crowned *Hystrix* species (Mammalia, porcupines, Rodentia) from Europe, West and Southeast Asia. *Beaufortia* **54**, 75–80 (2004).
1561. C. L. Hofman, A. van Duijvenbode, *Communities in Contact: Essays in Archaeology, Ethnohistory & Ethnography of the Amerindian Circum-Caribbean* (Sidestone Press, 2011).
1562. S. O. Held, “Colonization cycles on Cyprus 1: The biogeographic and paleontological foundations of early prehistoric settlement” (Department of Antiquities, Cyprus, 1989), pp. 7–28.
1563. Collection Database of the University Museum, University of the Ryukyu, (Fujukan) (2022); <https://fujukan.skr.u-ryukyu.ac.jp/database-en/>.
1564. Collection Database of Specimens and Materials of the National Museum of Nature and Science, Tokyo <http://db.kahaku.go.jp/webmuseum/en/>.
1565. M. Buckley, V. L. Harvey, J. Orihuela, A. M. Mychajliw, J. N. Keating, J. N. A. Milan, C. Lawless, A. T. Chamberlain, V. M. Egerton, P. L. Manning, Collagen sequence analysis reveals evolutionary history of extinct West Indies *Nesophontes* (island-shrews). *Mol. Biol. Evol.* **37**, 2931–2943 (2020). [doi:10.1093/molbev/msaa137](https://doi.org/10.1093/molbev/msaa137) [Medline](#)
1566. C. Boulanger, T. Ingicco, P. J. Piper, N. Amano, S. Grouard, R. Ono, S. Hawkins, A. F. Pawlik, Coastal subsistence strategies and mangrove swamp evolution at Bubog I Rockshelter (Ilin Island, Mindoro, Philippines) from the Late Pleistocene to the mid-Holocene. *J. Island Coast. Archaeol.* **14**, 584–604 (2019). [doi:10.1080/15564894.2018.1531957](https://doi.org/10.1080/15564894.2018.1531957)
1567. P. Bover, A. Valenzuela, E. Torres, A. Cooper, J. Pons, J. A. Alcover, Closing the gap: New data on the last documented *Myotragus* and the first human evidence on Mallorca (Balearic Islands, Western Mediterranean Sea). *Holocene* **26**, 1887–1891 (2016). [doi:10.1177/0959683616645945](https://doi.org/10.1177/0959683616645945)
1568. B. Ortega-Guerrero, D. Avendaño, M. Caballero, S. Lozano-García, E. T. Brown, A. Rodríguez, B. García, H. Barceinas, A. M. Soler, A. Albarrán, Climatic control on magnetic mineralogy during the late MIS 6 - Early MIS 3 in Lake Chalco, central Mexico. *Quat. Sci. Rev.* **230**, 106163 (2020). [doi:10.1016/j.quascirev.2020.106163](https://doi.org/10.1016/j.quascirev.2020.106163)
1569. M. A. Mannino, S. Talamo, A. Tagliacozzo, I. Fiore, O. Nehlich, M. Piperno, S. Tusa, C. Collina, R. Di Salvo, V. Schimmenti, M. P. Richards, Climate-driven environmental changes around 8,200 years ago favoured increases in cetacean strandings and Mediterranean hunter-gatherers exploited them. *Sci. Rep.* **5**, 16288 (2015). [doi:10.1038/srep16288](https://doi.org/10.1038/srep16288) [Medline](#)
1570. D. W. Steadman, T. W. Stafford Jr., D. J. Donahue, A. J. T. Jull, Chronology of Holocene vertebrate extinction in the Galápagos Islands. *Quat. Res.* **36**, 126–133 (1991). [doi:10.1016/0033-5894\(91\)90021-V](https://doi.org/10.1016/0033-5894(91)90021-V)

1571. J. C. Rando, J. A. Alcover, J. F. Navarro, F. García-Talavera, R. Hutterer, J. Michaux, Chronology and causes of the extinction of the Lava Mouse, *Malpaisomys insularis* (Rodentia: Muridae) from the Canary Islands. *Quat. Res.* **70**, 141–148 (2008). [doi:10.1016/j.yqres.2008.04.012](https://doi.org/10.1016/j.yqres.2008.04.012)
1572. A. Azzaroli, M. Boccaletti, E. Delson, G. Moratti, D. Torre, Chronological and paleogeographical background to the study of *Oreopithecus bambolii*. *J. Hum. Evol.* **15**, 533–540 (1986). [doi:10.1016/S0047-2484\(86\)80072-0](https://doi.org/10.1016/S0047-2484(86)80072-0)
1573. A. F. Ainis, R. L. Vellanoweth, T. W. Davis, J. M. Erlandson, T. C. Rick, Changes in marine subsistence on San Miguel Island from 8,500 to 2,400 years ago: Analysis of bulk samples from Cave of the Chimneys (CA-SMI-603). *J. Calif. Gt. Basin Anthropol.* **31**, 59–79 (2011).
1574. L. Capasso Barbato, C. Petronio, *Cervus major* n. sp. of Bate Cave (Rethymnon, Crete). *Atti Della Accad. Naz. Dei Lincei Mem. Cl. Sci. Fis. Mat. E Nat.* **18**, 59–100 (1986).
1575. G. Mangano, *Cervus elaphus siciliae* from Pleistocene lacustrine deposits of Acquedolci (North-Eastern Sicily, Italy) and its taphonomic significance. *Geo Alp* **2**, 61–70 (2005).
1576. Y. Takakuwa, Cervid fossils from the Kiyokawa Formation of Shimosa Group, Sodegaura, Chiba Prefecture, Japan. *Quat. Res.* **45**, 197–206 (2006). [doi:10.4116/jaqua.45.197](https://doi.org/10.4116/jaqua.45.197)
1577. B. D. Bates, thesis, The University of London (2001).
1578. M. A. Barceló, Cavidades de la Serra de na Burguesa. Zona 1: S'Hostalet (Calvià, Mallorca). *Endins* **17–18**, 25–36 (1992).
1579. S. O'Connor, A. Barham, M. Spriggs, P. Veth, K. Aplin, E. S. St Pierre, Cave archaeology and sampling issues in the tropics: A case study from Lene Hara Cave, a 42,000 year old occupation site in East Timor, Island Southeast Asia. *Aust. Archaeol.* **71**, 29–40 (2010). [doi:10.1080/03122417.2010.11689382](https://doi.org/10.1080/03122417.2010.11689382)
1580. M. M. Condis Fernández, F. M. Balseiro Morales, A. N. Abraham, Catálogo geo-referenciado de la Colección Paleontológica del Instituto de Ecología y Sistemática Orden Soricomorpha (Mammalia). *Poeyana* **497**, 14–22 (2009).
1581. S. Moyà-Solà, J. Pons-Moyà, Catálogo de los yacimientos con fauna de vertebrados del Plioceno, Pleistoceno y Holoceno de las Baleares. *Endins* **5–6**, 59–74 (1979).
1582. P. Bover, J. A. Alcover, “Catàleg dels jaciments amb Myotragus a les Illes Balears,” *Proceedings of the International Symposium “Insular Vertebrate Evolution: the Palaeontological Approach,”* J. A. Alcover, P. Bover, Eds. (2005), pp. 51–58.
1583. M. Salotti, S. Bailon, M.-F. Bonifay, J.-Y. Courtois, J. Ferrandini, M. Ferrandini, J.-C. La Milza, C. Mourer-Chauviré, J.-B. Popelard, Y. Quinif, A.-M. Réal-Testud, C. Miniconi, E. Pereira, C. Persiani, Castiglione 3, un nouveau remplissage fossilifère d'âge Pléistocène moyen dans le karst de la région d'Oletta (Haute-Corse). *C. R. Acad. Sci. Paris* **324**, 67–74 (1997).
1584. J. P. Brugal, “Cas de „nanisme“ insulaire chez l'aurochs,” *112th Congrès National des Sociétés savants, Lyon* (1987), vol. 2, pp. 53–66.
1585. M. Rakotovo Andrianavah, thesis, Université Toulouse 3 Paul Sabatier (2015).

1586. L. F. Molerio Leon, Características geoespeleológicas de la vertiente septentrional de la Loma del Cacahual. *Volunt. Hidraul.* **14**, 28–32 (1977).
1587. Y. Chinique de Armas, R. Rodríguez Suarez, Cambios en las actividades subsistenciales de los aborígenes del sitio arqueológico Canímar Abajo, Matanzas, Cuba. *Cuba Arqueol.* **5**, 30–48 (2012).
1588. L. F. Molerio León, S. A. J. Guarch Rodríguez, M. G. Guerra Oliva, J. C. Torres Rodríguez, E. Rocamora Alvarez, Cambios ambientales en los farallones de Seboruco, Mayari, Cuba. *Mapp. Interact.* **94**, 66–73 (2004).
1589. J. A. Hanna, Camáhogue's chronology: The radiocarbon settlement sequence on Grenada, West Indies. *J. Anthropol. Archaeol.* **55**, 101075 (2019). [doi:10.1016/j.jaa.2019.101075](https://doi.org/10.1016/j.jaa.2019.101075)
1590. B. Mercadal, Breve noticia sobre el hallazgo de un incisivo de *Myotragus* en una cueva menorquina junto a cerámica neolítica. *Boll. Soc. Hist. Nat. Balears* **5**, 57–59 (1959).
1591. J. J. Enseñat, A. Pílares, G. Santandreu, Breus aportacions a les coves de la zona de Can Frasquet (Manacor, Mallorca). *Pap. Soc. Espeleol. Balear* **2**, 29–36 (2019).
1592. Earl of Cranbrook, P. J. Piper Borneo records of Malay tapir, *Tapirus indicus* Desmarest: A zooarchaeological and historical review. *Int. J. Osteoarchaeol.* **19**, 491–507 (2009). [doi:10.1002/oa.1015](https://doi.org/10.1002/oa.1015)
1593. G. S. Miller, Bones of mammals from Indian sites in Cuba and Santo Domingo. *Smithson. Misc. Collect.* **66**, 1–11 (1916).
1594. D. A. McFarlane, R. D. E. MacPhee, D. C. Ford, Body size variability and a Sangamonian extinction model for *Amblyrhiza*, a West Indian megafaunal rodent. *Quat. Res.* **50**, 80–89 (1998). [doi:10.1006/qres.1998.1977](https://doi.org/10.1006/qres.1998.1977)
1595. M. Fujita, S. Yamasaki, H. Sugawara, M. Eda, Body size reduction in wild boar (*Sus scrofa*) from the late Pleistocene Maehira Fissure Site in Okinawa-jima Island, Japan, with relevance to human arrival. *Quat. Int.* **339**, 289–299 (2014). [doi:10.1016/j.quaint.2014.04.043](https://doi.org/10.1016/j.quaint.2014.04.043)
1596. P. Bover, J. A. Alcover, J. J. Michaux, L. Hautier, R. Hutterer, Body shape and life style of the extinct Balearic dormouse *Hypnomys* (Rodentia, Gliridae): New evidence from the study of associated skeletons. *PLOS ONE* **5**, e15817 (2010). [doi:10.1371/journal.pone.0015817](https://doi.org/10.1371/journal.pone.0015817) [Medline](#)
1597. J.-B. Mallye, S. Bailon, C. Bochaton, M. Gala, N. Serrand, A. Lenoble, Blanchard Cave 2: A historical period Audubon's shearwater (*Puffinus lherminieri*) nesting site in Marie-Galante (Guadeloupe islands, FWI). *J. Archaeol. Sci. Rep.* **17**, 250–262 (2018). [doi:10.1016/j.jasrep.2017.11.004](https://doi.org/10.1016/j.jasrep.2017.11.004)
1598. S. M. Goodman, M. J. Raherilalao, K. Muldoon, Bird fossils from Ankilitelo Cave: Inference about Holocene environmental changes in southwestern Madagascar. *Zootaxa* **3750**, 534–548 (2013). [doi:10.11646/zootaxa.3750.5.6](https://doi.org/10.11646/zootaxa.3750.5.6) [Medline](#)
1599. C. Stimpson, “Bird and bat bones from the Great Cave: taphonomic assessment” in *Rainforest Foraging and Farming in Island Southeast Asia: the Archaeology of the Niah Caves, Sarawak*, G. Barker, Ed. (McDonald Institute for Archaeological Research Cambridge, 2016), vol. 2, pp. 439–454.

1600. R. M. Wright, E. Robinson, *Biostratigraphy of Jamaica* (The Geological Society of America, 1993), vol. 182.
1601. J.-D. Vigne, S. Bailon, J. Cuisin, Biostratigraphy of amphibians, reptiles, birds and mammals in Corsica and the role of man in the Holocene faunal turnover. *Anthropologica* **25**, 587–604 (1997).
1602. Naturalis Biodiversity Center, BioPortal (2022); <https://bioportal.naturalis.nl/>.
1603. C. A. Woods, F. E. Sergile, Eds., *Biogeography of the West Indies: Patterns and Perspectives* (CRC Press, ed. 2, 2001).
1604. J. van der Made, Biogeography and stratigraphy of the Mio-Pleistocene mammals of Sardinia and the description of some fossils. *Deinsea* **7**, 337–360 (1999).
1605. L. T. Tshen, Biogeographic distribution and metric dental variation of fossil and living orangutans (*Pongo* spp.). *Primates* **57**, 39–50 (2016). [doi:10.1007/s10329-015-0493-z](https://doi.org/10.1007/s10329-015-0493-z)
[Medline](#)
1606. G. Colom, *Biogeografía de las Baleares* (Estudio General Luliano, Palma, 1957).
1607. P. Oromí, S. Socorro, Biodiversity in the Cueva del Viento lava tube system (Tenerife, Canary Islands). *Diversity (Basel)* **13**, 226 (2021). [doi:10.3390/d13060226](https://doi.org/10.3390/d13060226)
1608. L. Capasso Barbato, E. Gliozzi, Biochronological and palaeogeographical implications of a well-balanced late Middle Pleistocene fauna from Quisisana-Certosa (Capri, Southern Italy). *Boll. Soc. Paleontol. Ital.* **34**, 235–261 (1995).
1609. D. Bulbeck, “Bioarchaeological analysis of the Northern Moluccan excavated human remains” in *The Spice Islands in Prehistory Archaeology in the Northern Moluccas, Indonesia*, P. Bellwood, Ed., vol. 50 of *Terra Australis* (ANU Press, 2019), pp. 167–199.
1610. L. Bonfiglio, C. Maggio, A. C. Marra, F. Masini, D. Petruso, Biol.-chronology of Pleistocene vertebrate faunas of Sicily and correlation of vertebrate bearing deposits with marine deposits. *Il Quat.* **16**, 107–114 (2003).
1611. C. E. Stehn, J. H. F. Umbgrove, Bijdrage tot de geologie der vlakte van Bandoeng. *Tijdschr. K. Ned. Aardrijkskd. Genoot.* **46**, 301–314 (1929).
1612. G. H. R. von Koenigswald, Bemerkungen zur fossilen Säugetierfauna Javas. II. *Ing. Ned. Indië* **2**, 85–88 (1935).
1613. G. H. R. von Koenigswald, Bemerkungen zur fossilen Säugetierfauna Javas. I. *Ing. Ned. Indië* **2**, 67–70 (1935).
1614. G. H. R. von Koenigswald, Beitrag zur Kenntnis der fossilen Wirbeltiere Javas. *Wet. Meded. Van Den Dienst Van Den Mijnb. Ned. Indië* **23**, 1–127 (1933).
1615. H. H. Genoways, J. W. Bickham, R. J. Baker, C. J. Phillips, Bats of Jamaica. *Mammal. Pap. Univ. Neb. State Mus.* **48**, 1–154 (2005).
1616. S. C. Pedersen, P. A. Larsen, H. H. Genoways, M. Morton, K. C. Lindsay, *Bats of Barbuda, Northern Lesser Antilles*, no. 271 of *Occasional Papers* (Natural Science Research Laboratory, Museum of Texas Tech Univ., 2007).

1617. P. Sevilla, J. Quintana, M. Furió, “Bats in islands: new data from the Pliocene-Early Pleistocene fossils from Menorca (Spain)” in *XXIX Jornadas de Paleontología «La Paleontología del Paleozoico» y Simposio del Proyecto PICG 596* (Diputación de Córdoba, 2013), pp. 187–188.
1618. E. M. Ouwendijk, R. A. Due, E. Locatelli, L. W. Jatmiko, L. W. V. D. H. Ostende, Bat cave and Hobbit hole, microbats of Liang Bua (Flores, Indonesia). *Alcheringa* **38**, 422–433 (2014). [doi:10.1080/03115518.2014.889545](https://doi.org/10.1080/03115518.2014.889545)
1619. J. A. Alcover, D. Ramis, J. Coll, M. Trias, Bases per al coneixement del contacte entre els primers colonitzadors humans i la naturalesa de les Balears. *Endins* **24**, 5–57 (2001).
1620. R. Valcárcel Rojas, *Banes precolombino. La ocupación agricultora* (Ediciones Holguín, 2002).
1621. J. S. Kopper, W. H. Waldren, Balearic prehistory. A new perspective. *Archaeology* **20**, 108–115 (1967).
1622. M. J. LeFebvre, G. DuChemin, S. D. deFrance, W. F. Keegan, K. Walczesky, Bahamian hutia (*Geocapromys ingrahami*) in the Lucayan realm: pre-Columbian exploitation and translocation. *Environ. Archaeol.* **24**, 115–131 (2018). [doi:10.1080/14614103.2018.1503809](https://doi.org/10.1080/14614103.2018.1503809)
1623. C. Guerra, thesis, Universidad de Salamanca (2015).
1624. L. Salari, M. Masseti, Attardamenti olocenici di *Equus hydruntinus* Regalia, 1907 in Italia. *Ann. Dell'Università Degli Studi Ferrara Sezione Museol. Sci. Nat.* **12**, 313–320 (2016).
1625. D. W. Steadman, P. S. Martin, R. D. E. MacPhee, A. J. T. Jull, H. G. McDonald, C. A. Woods, M. Iturralde-Vinent, G. W. L. Hodgins, Asynchronous extinction of late Quaternary sloths on continents and islands. *Proc. Natl. Acad. Sci. U.S.A.* **102**, 11763–11768 (2005). [doi:10.1073/pnas.0502777102](https://doi.org/10.1073/pnas.0502777102) [Medline](#)
1626. A. Valenzuela, E. Torres-Roig, D. Zoboli, G. L. Pillola, J. A. Alcover, Asynchronous ecological upheavals on the Western Mediterranean islands: New insights on the extinction of their autochthonous small mammals. *Holocene* **32**, 137–146 (2021). [doi:10.1177/09596836211060491](https://doi.org/10.1177/09596836211060491)
1627. J. Orihuela, L. W. Viñola, O. Jiménez Vázquez, A. M. Mychajliw, O. Hernández de Lara, L. Lorenzo, J. A. Soto-Centeno, Assessing the role of humans in Greater Antillean land vertebrate extinctions: New insights from Cuba. *Quat. Sci. Rev.* **249**, 106597 (2020). [doi:10.1016/j.quascirev.2020.106597](https://doi.org/10.1016/j.quascirev.2020.106597)
1628. V. Zeitoun, W. Chinnawut, R. Debruyne, P. Auetrakulvit, Assessing the occurrence of *Stegodon* and *Elephas* in China and Southeast Asia during the Early Pleistocene. *Bull. Soc. Geol. Fr.* **186**, 413–427 (2015). [doi:10.2113/gssgfbull.186.6.413](https://doi.org/10.2113/gssgfbull.186.6.413)
1629. S. T. Turvey, R. J. Kennerley, M. A. Hudson, J. M. Nuñez-Miño, R. P. Young, Assessing congruence of opportunistic records and systematic surveys for predicting Hispaniolan mammal species distributions. *Ecol. Evol.* **10**, 5056–5068 (2020). [doi:10.1002/ece3.6258](https://doi.org/10.1002/ece3.6258) [Medline](#)
1630. L. A. Chanlatte, “Asentamiento poblacional Agro-I, complejo cultural La Hueca, Vieques, Puerto Rico,” *Proceedings of the Tenth International Congress for the Study of the Pre-*

Columbian Cultures of the Lesser Antilles (Centre de Recherches Caraïbes, Université de Montréal, Fort-de-France, 1983), pp. 225–250.

1631. D. Zoboli, G. A. Caddeo, Articulated skeletons of *Prolagus sardus* (Mammalia, Lagomorpha) from the Quaternary of Grotta del Campanaccio (Santadi, south-western Sardinia). *Boll. Soc. Paleontol. Ital.* **55**, 82 (2016).
1632. H. E. Anthony, Article XIX.—Two new fossil bats from Porto Rico. *Bull. Am. Mus. Nat. Hist.* **37**, 565–569 (1917).
1633. R. N. Holdaway, Arrival of rats in New Zealand. *Nature* **384**, 225–226 (1996).
[doi:10.1038/384225b0](https://doi.org/10.1038/384225b0)
1634. O. Dávila, thesis, Instituto de Cultura Puertorriqueña (2003).
1635. J. R. Johnson, T. W. Stafford Jr., H. O. Ajie, D. P. Morris, “Arlington springs revisited,” *Proceedings of the Fifth California Islands Symposium* (Santa Barbara Museum of Natural History Santa Barbara, 2002), vol. 5, pp. 541–545.
1636. S. O’Connor, G. Robertson, K. P. Aplin, Are osseous artefacts a window to perishable material culture? Implications of an unusually complex bone tool from the Late Pleistocene of East Timor. *J. Hum. Evol.* **67**, 108–119 (2014).
[doi:10.1016/j.jhevol.2013.12.002](https://doi.org/10.1016/j.jhevol.2013.12.002) [Medline](#)
1637. D. Bonnissent, thesis, Universite Aix-Marseille I - Université de Provence (2008).
1638. S. L. Sanders, “Archeological Survey of UXO 17 (PAOC EE) and Portions of EMA SIA Road Buffers” (Draft Report, CH2M Hill, Virginia Beach, VA, 2011), pp. 1–53.
1639. D. Bonnissent, N. Serrand, L. Bruxelles, P. Fouéré, S. Grouard, N. Sellier-Segard, C. Stouvenot, “Archéoécologie des sociétés insulaires des Petites Antilles au Mésoindien: l’enjeu des ressources à Saint-Martin” in *Actes de la Séance de la Société préhistorique française* (Société préhistorique française, Paris, 2016), pp. 213–260.
1640. A. Sutton, M. Mountain, K. Aplin, S. Bulmer, T. Denham, Archaeozoological records for the highlands of New Guinea: A review of current evidence. *Aust. Archaeol.* **69**, 41–58 (2009). [doi:10.1080/03122417.2009.11681900](https://doi.org/10.1080/03122417.2009.11681900)
1641. J. B. Petersen, Archaeology of Trants, Montserrat. Part 3. Chronological and settlement data. *Ann. Carnegie Mus.* **65**, 323–361 (1996). [doi:10.5962/p.329861](https://doi.org/10.5962/p.329861)
1642. E. J. Reitz, Archaeology of Trants, Montserrat. Part 2. Vertebrate fauna. *Ann. Carnegie Mus.* **63**, 297–317 (1994). [doi:10.5962/p.226647](https://doi.org/10.5962/p.226647)
1643. H. D. Tuggle, K. L. Hutterer, Archaeology of the Sohoton area, southwestern Samar, Philippines. *Leyte Samar Stud.* **6**, 5–12 (1972).
1644. I. C. Glover, *Archaeology in Eastern Timor, 1966-67*, vol. 11 of *Terra Australis* (Dept. of Prehistory, Research School of Pacific Studies, Australian National University, 1986).
1645. P. Gorecki, M. Mabin, J. Campbell, Archaeology and geomorphology of the Vanimo coast, Papua New Guinea: Preliminary results. *Archaeol. Ocean.* **26**, 119–122 (1991).
[doi:10.1002/j.1834-4453.1991.tb00276.x](https://doi.org/10.1002/j.1834-4453.1991.tb00276.x)
1646. N. Schlager, *Archaeologische Gelände Prospektion Südost Kreta: Erste Ergebnisse*. *Oesterreichisches Archaeol. Inst. Berichte Mater.* (1991).

1647. P. Bellwood, Archaeological research in the Madai-Baturong region, Sabah. *Bull. Indo-Pac. Prehistory Assoc.* **5**, 38–54 (1984).
1648. C. L. Hofman, M. L. P. Hoogland, Eds., *Archaeological Investigations on St. Martin (Lesser Antilles): The sites of Norman Estate, Anse des Pères and Hope Estate with a Contribution to the “La Hueca problem”* (Faculty of Archaeology, Leiden University, 1999).
1649. C. A. Hoffman, “Archaeological Investigations at the Long Bay Site, San Salvador, Bahamas,” *Proceedings of the First San Salvador Conference: Columbus And His World* (Bahamian Field Station, San Salvador, Bahamas, 1987), pp. 237–245.
1650. P. Bellwood, Archaeological investigations at Bukit Tengkorak and Segarong, southeastern Sabah. *Bull. Indo-Pac. Prehistory Assoc.* **9**, 122–162 (1989).
1651. I. Datan, thesis, The Australian National University (1993).
1652. S. D. Shelley, “Archaeological evidence of the island fox (*Urocyon littoralis*) on California’s Channel Islands” in *Technical Report 98–12* (Statistical Research Inc Tucson, 2001).
1653. T. Harrison, Archaeological and ecological implications of the primate fauna from prehistoric sites in Borneo. *Bull. Indo-Pac. Prehistory Assoc.* **20**, 133–146 (2000).
1654. M. Durocher, V. Nicolas, S. Perdikaris, D. Bonnissent, G. Robert, K. Debue, A. Evin, S. Grouard, Archaeobiogeography of extinct rice rats (*Oryzomyini*) in the Lesser Antilles during the Ceramic Age (500 BCE–1500 CE). *Holocene* **31**, 433–445 (2021).
[doi:10.1177/0959683620972785](https://doi.org/10.1177/0959683620972785)
1655. F. Masini, F. Fanfani, *Apulogalerix pusillus* nov. gen., nov. sp., the small-sized Galericinae (Erinaceidae, Mammalia) from the “Terre Rosse” fissure filling of the Gargano (Foggia, South-Eastern Italy). *Geobios* **46**, 89–104 (2013). [doi:10.1016/j.geobios.2012.10.008](https://doi.org/10.1016/j.geobios.2012.10.008)
1656. J. G. Martínez López, C. Arredondo Antúnez, R. Suarez, S. Diaz-Franco, Aproximación tafonómica en los depósitos humanos del sitio arqueológico Canímar Abajo, Matanzas, Cuba (Taphonomic approach on the human deposits of the Canímar Abajo archaeological site, Matanzas, Cuba). *Arqueol. Iberoam.* **4**, 5–21 (2009).
1657. J. Quintana, Aproximación a los yacimientos de vertebrados del Mio-Pleistoceno de la isla de Menorca. *Boll. Soc. Hist. Nat. Balears* **41**, 101–117 (1998).
1658. V. Simonelli, Appunti sopra i terreni neogenici e quaternari dell’Isola di Candia. *Rendiconti Della R. Acad. Dei Lincei Cl. Sci. Mat. E Nat.* **2**, 265–268 (1894).
1659. S. Drudi, Approccio alla balistica esterna di alcuni proiettili preistorici ed analisi funzionale dei supporti a dorso in selce provenienti dal Riparo dal Castello (PA) conservati al Museo delle Origini (Roma). *Traces Time* **4**, 1–30 (2014).
1660. M. Trias, J. C. Rando, J. A. Alcover, Aportació al coneixement de les cavitats de la Macaronèsia. *Endins* **34**, 165–180 (2010).
1661. E. Gliozzi, *Apodemus sylvaticus tyrrhenicus* n. ssp. (Muridae, Rodentia) from the Upper Pleistocene of Capri Island (Campania, Southern Italy). *Atti Della Accad. Naz. Dei Lincei Rendiconti Cl. Sci. Fis. Mat. E Nat.* **82**, 331–343 (1988).

1662. A. Savorelli, S. Colombero, F. Masini, *Apatodemus degiulii* n. gen. et sp. (Rodentia, Muridae), a hitherto undescribed endemite from the Terre Rosse of Gargano (Late Miocene, Southeastern Italy). *Palaeontogr. Abt. Paläozool. Palaeontographica Abt. A Paläozool. Stratigr.* **306**, 25–49 (2016). [doi:10.1127/pala/306/2016/25](https://doi.org/10.1127/pala/306/2016/25)
1663. S. B. Cooke, L. M. Dávalos, A. M. Mychajliw, S. T. Turvey, N. S. Upham, Anthropogenic extinction dominates Holocene declines of West Indian mammals. *Annu. Rev. Ecol. Evol. Syst.* **48**, 301–327 (2017). [doi:10.1146/annurev-ecolsys-110316-022754](https://doi.org/10.1146/annurev-ecolsys-110316-022754)
1664. C. L. Hofman, “Anse Trabaud commune de Sainte-Anne, Martinique: reconstruction d’un village amérindien. Son insertion dans le réseau d’échanges Antillais entre 600 et 1200 après J.-C.” (Rapport de fouille programmée, Direction Régionale des Affaires Culturelles, Leiden, 2017), p. 81.
1665. M. J. LeFebvre, thesis, University of Florida (2015).
1666. G. R. Duchemin, thesis, University of Florida (2013).
1667. L. K. Lippold, “Animal resource utilization by saladoid peoples at Pearls, Grenada, West Indies,” *Proceedings of the Thirteenth International Congress for Caribbean Archaeology* (Anthropological Institute of the Netherlands Antilles, Curaçao, 1991), pp. 264–268.
1668. F. Delsuc, M. Kuch, G. C. Gibb, E. Karpinski, D. Hackenberger, P. Szpak, J. G. Martínez, J. I. Mead, H. G. McDonald, R. D. E. MacPhee, G. Billet, L. Hautier, H. N. Poinar, Ancient mitogenomes reveal the evolutionary history and biogeography of sloths. *Curr. Biol.* **29**, 2031–2042.e6 (2019). [doi:10.1016/j.cub.2019.05.043](https://doi.org/10.1016/j.cub.2019.05.043) [Medline](#)
1669. J. A. Oswald, J. M. Allen, M. J. LeFebvre, B. J. Stucky, R. A. Folk, N. A. Albury, G. S. Morgan, R. P. Guralnick, D. W. Steadman, Ancient DNA and high-resolution chronometry reveal a long-term human role in the historical diversity and biogeography of the Bahamian hutia. *Sci. Rep.* **10**, 1373 (2020). [doi:10.1038/s41598-020-58224-y](https://doi.org/10.1038/s41598-020-58224-y) [Medline](#)
1670. V. Sierpe, thesis, Muséum national d’histoire naturelle (2011).
1671. G. van den Bergh, R. Setiawan, M. Storey, B. Alloway, D. Yurnaldi, “An update of the stratigraphic framework of the So’a Basin on Flores, with implications for first hominin arrival and faunal turnover,” *International Conference on Homo luzonensis and the Hominin Record of Southeast Asia* (National Science Complex, University of the Philippines, Diliman, Quezon City and Twins Events Hall, Tuguegarao City, 2020).
1672. S. D. Sullivan, An overview of the 1976 to 1978 archeological investigations in the Caicos Islands. *Fla. Anthr.* **33**, 120–151 (1980).
1673. Y. Tomida, H. Otsuka, T. Uyeno, H. Sakura, H. Baba, An outline of vertebrate paleontological and paleoanthropological survey in Tokunoshima and Amami-oshima Islands, Southwestern Japan. *Mem. Natl. Sci. Mus.* **23**, 173–183 (1990).
1674. J. A. Allen, An extinct octodont from the island of Porto Rico, West Indies. *Ann. N. Y. Acad. Sci.* **27**, 17–22 (1916). [doi:10.1111/j.1749-6632.1916.tb55182.x](https://doi.org/10.1111/j.1749-6632.1916.tb55182.x)

1675. S. B. Cooke, A. L. Rosenberger, S. Turvey, An extinct monkey from Haiti and the origins of the Greater Antillean primates. *Proc. Natl. Acad. Sci. U.S.A.* **108**, 2699–2704 (2011). [doi:10.1073/pnas.1009161108](https://doi.org/10.1073/pnas.1009161108) [Medline](#)
1676. G. Mangano, An exclusively hyena-collected bone assemblage in the Late Pleistocene of Sicily: Taphonomy and stratigraphic context of the large mammal remains from San Teodoro Cave (North-Eastern Sicily, Italy). *J. Archaeol. Sci.* **38**, 3584–3595 (2011). [doi:10.1016/j.jas.2011.08.029](https://doi.org/10.1016/j.jas.2011.08.029)
1677. K. C. Jordan, thesis, University of Florida (1989).
1678. K. E. Westaway, J. Louys, R. D. Awe, M. J. Morwood, G. J. Price, J. X. Zhao, M. Aubert, R. Joannes-Boyau, T. M. Smith, M. M. Skinner, T. Compton, R. M. Bailey, G. D. van den Bergh, J. de Vos, A. W. G. Pike, C. Stringer, E. W. Saptomo, Y. Rizal, J. Zaim, W. D. Santoso, A. Trihasaryo, L. Kinsley, B. Sulistyanto, An early modern human presence in Sumatra 73,000–63,000 years ago. *Nature* **548**, 322–325 (2017). [doi:10.1038/nature23452](https://doi.org/10.1038/nature23452) [Medline](#)
1679. A. R. Sumanarathna, W. A. L. Kanthika, E. I. P. Silva, D. K. Hathalahawaththa, S. L. Sewwanndi, A. C. Silva, An assessment of geological formation of the Rakwana-Pannila mountain of Sri Lanka. *J. Eco Astron.* **1**, 32–42 (2017).
1680. J. F. Cherry, K. Ryzewski, *An Archaeological History of Montserrat, West Indies* (Oxbow Books, 2020).
1681. J. M. Erlandson, D. J. Kennett, B. L. Ingram, D. A. Guthrie, D. P. Morris, M. A. Tveskov, G. J. West, P. L. Walker, An archaeological and paleontological chronology for Daisy cave (CA-SMI-261), San Miguel Island, California. *Radiocarbon* **38**, 355–373 (1996). [doi:10.1017/S0033822200017689](https://doi.org/10.1017/S0033822200017689)
1682. J. Orihuela, An annotated list of Late Quaternary extinct birds of Cuba. *Ornitol. Neotrop.* **30**, 57–67 (2019). [doi:10.58843/ornneo.v30i0.389](https://doi.org/10.58843/ornneo.v30i0.389)
1683. A. P. Bautista, thesis, University of Santo Tomas, Manila (1991).
1684. M. D. Carleton, S. L. Olson, Amerigo Vespucci and the rat of Fernanado de Noronha: a new genus and species of Rodentia (Muridae: Sigmodontinae) from a volcanic island off Brazil's continental shelf. *Am. Mus. Novit.* **3256**, 1451–1512 (1999).
1685. D. A. McFarlane, R. D. E. MacPhee, *Amblyrhiza* and the vertebrate paleontology of Anguillian caves. *El Bol. Soc. Venez. Espeleol.* **27**, 33–38 (1993).
1686. D. A. McFarlane, R. D. MacPhee, *Amblyrhiza* and the Quaternary bone caves of Anguilla, British West Indies. *Cave Sci.* **16**, 31–34 (1989).
1687. M. Trias, J. Ginés, Algunes noves cavitats de l'illa de Menorca. *Endins* **14–15**, 5–16 (1989).
1688. S. Noerwidi, Siswanto, Alat batu situs Semedo: keragaman tipology dan distribusi spasialnya. *Berk. Arkeol.* **34** (2014).
1689. A. H. Simmons, Akrotiri-Aetokremnos (Cyprus) 20 years later: An assessment of its significance. *Eurasian Prehistory* **10**, 139–156 (2014).

1690. G. A. Goodfriend, R. M. Mitterer, Age of the ceboid femur from Coco Ree, Jamaica. *J. Vertebr. Paleontol.* **7**, 344–345 (1987). [doi:10.1080/02724634.1987.10011666](https://doi.org/10.1080/02724634.1987.10011666)
1691. J.-C. Kang, C.-H. Lin, C.-H. Chang, Age and growth of *Palaeoloxodon huaihoensis* from Penghu Channel, Taiwan: Significance of their age distribution based on fossils. *PeerJ* **9**, e11236 (2021). [doi:10.7717/peerj.11236](https://doi.org/10.7717/peerj.11236) [Medline](#)
1692. A. Brumm, G. D. van den Bergh, M. Storey, I. Kurniawan, B. V. Alloway, R. Setiawan, E. Setiyabudi, R. Grün, M. W. Moore, D. Yurnaldi, M. R. Puspaningrum, U. P. Wibowo, H. Insani, I. Sutisna, J. A. Westgate, N. J. G. Pearce, M. Duval, H. J. M. Meijer, F. Aziz, T. Sutikna, S. van der Kaars, S. Flude, M. J. Morwood, Age and context of the oldest known hominin fossils from Flores. *Nature* **534**, 249–253 (2016). [doi:10.1038/nature17663](https://doi.org/10.1038/nature17663) [Medline](#)
1693. L. A. Carlson, thesis, University of Florida (1999).
1694. J. R. Prado, A. R. Percequillo, *Aegialomys galapagoensis* (Rodentia: Cricetidae). *Mamm. Species* **51**, 92–99 (2019). [doi:10.1093/mspecies/sez013](https://doi.org/10.1093/mspecies/sez013)
1695. M. Fujita, S. Yamasaki, C. Katagiri, I. Oshiro, K. Sano, T. Kurozumi, H. Sugawara, D. Kunikita, H. Matsuzaki, A. Kano, T. Okumura, T. Sone, H. Fujita, S. Kobayashi, T. Naruse, M. Kondo, S. Matsu'ura, G. Suwa, Y. Kaifu, Advanced maritime adaptation in the western Pacific coastal region extends back to 35,000-30,000 years before present. *Proc. Natl. Acad. Sci. U.S.A.* **113**, 11184–11189 (2016). [doi:10.1073/pnas.1607857113](https://doi.org/10.1073/pnas.1607857113) [Medline](#)
1696. E. E. Williams, Additional notes on fossil and subfossil bats from Jamaica. *J. Mammal.* **33**, 171–179 (1952). [doi:10.2307/1375925](https://doi.org/10.2307/1375925)
1697. K. J. Peters, F. Saltr , T. Friedrich, Z. Jacobs, R. Wood, M. McDowell, S. Ulm, C. J. A. Bradshaw, Addendum: *FosSahul 2.0*, an updated database for the Late Quaternary fossil records of Sahul. *Sci. Data* **8**, 133 (2021). [doi:10.1038/s41597-021-00918-7](https://doi.org/10.1038/s41597-021-00918-7) [Medline](#)
1698. A. F. Pawlik, P. J. Piper, M. G. P. G. Faylona, S. G. Padilla, J. Carlos, A. S. B. Mijares, B. Vallejo, M. Reyes, N. Amano, T. Ingicco, M. Porr, Adaptation and foraging from the terminal Pleistocene to the Early Holocene: Excavation at Bubog on Ilin Island, Philippines. *J. Field Archaeol.* **39**, 230–247 (2014). [doi:10.1179/0093469014Z.000000000090](https://doi.org/10.1179/0093469014Z.000000000090)
1699. P. A. Jayatunga, Ed., *Action Plan for Conservation and Sustainable Use of Palaeobiodiversity in Sri Lanka* (Biodiversity Secretariat, Ministry of Environment & Renewable Energy, Colombo, 2014).
1700. D. S. Reese, G. Belluomini, M. Ikeya, “Absolute dates for the Pleistocene fauna of Crete” in *Pleistocene and Holocene Fauna of Crete and Its First Settlers*, D. S. Reese, Ed., vol. 28 of *Monographs in World Archaeology* (Prehistory Press, 1996), pp. 47–52.
1701. E. S. Wing, “Aboriginal fishing in the Windward Islands,” *Proceedings of the 2nd International Congress for the Study of Pre-Columbian Cultures in the Lesser Antilles* (Barbados Museum, Barbados, 1968), pp. 103–107.
1702. C. W. Branch, Aboriginal antiquities in Saint Kitts and Nevis. *Am. Anthropol.* **9**, 315–333 (1907). [doi:10.1525/aa.1907.9.2.02a00060](https://doi.org/10.1525/aa.1907.9.2.02a00060)

1703. S. E. Kuss, Abfolge und Alter der pleistozänen Säugetierfaunen der Insel Kreta. *Ber. Naturf. Ges. Freibg. Br* **60**, 35–83 (1970).
1704. A. P. Bautista, A zooarchaeological perspective on the Ambangan site, a prehistoric settlement in Butuan, Agusan del Norte, southern Philippines. *Bull. Indo-Pac. Prehistory Assoc.* **10**, 161–170 (1991).
1705. J. P. Hume, I. Hutton, G. Middleton, J. M. T. Nguyen, J. Wylie, A terrestrial vertebrate palaeontological reconnaissance of Lord Howe Island, Australia. *Pac. Sci.* **75**, 43–73 (2021). [doi:10.2984/75.1.2](https://doi.org/10.2984/75.1.2)
1706. M. Salotti, A. Louchart, S. Bailon, S. Lorenzo, C. Oberlin, M.-M. Ottaviani-Spella, E. Pereira, P. Tramonì, A Teppa di U Lupinu Cave (Corsica, France)—human presence since 8500 years BC, and the enigmatic origin of the earlier, late Pleistocene accumulation. *Acta Zool. Cracoviensia-Ser. Vertebr.* **51**, 15–34 (2008). [doi:10.3409/azc.51a_1-2.15-34](https://doi.org/10.3409/azc.51a_1-2.15-34)
1707. S. Shirazi, T. C. Rick, J. M. Erlandson, C. A. Hofman, A tale of two mice: A trans-Holocene record of *Peromyscus nesodytes* and *Peromyscus maniculatus* at Daisy Cave, San Miguel Island, California. *Holocene* **28**, 827–833 (2018). [doi:10.1177/0959683617744266](https://doi.org/10.1177/0959683617744266)
1708. E. Pereira, M. Salotti, M. F. Bonifay, “A synthesis of knowledge on the large Pleistocene mammalian fauna from Corsica,” *Proceedings of the International Symposium “Insular Vertebrate Evolution: the Paleontological Approach,” Monografies de la Societat d’Historia Natural de les Balears* (2005), vol. 12, pp. 287–292.
1709. P. Wagenaar Hummelinck, A survey of the mammals, lizards and mollusks. *Stud. Fauna Curacao Aruba Bonaire Venezuelan Isl.* **1**, 59–108 (1940).
1710. Z. J. Tseng, C.-H. Chang, A study of new material of *Crocuta crocuta ultima* (Carnivora: Hyainidae) from the Quaternary of Taiwan. *Coll. Res* **20**, 9–19 (2007).
1711. D. A. McFarlane, J. Lundberg, C. Flemming, R. D. E. MacPhee, S.-E. Lauritzen, A second Pre-Wisconsinan locality for the extinct Jamaican rodent *Clidomys* (Rodentia: Heptaxodontidae). *Caribb. J. Sci.* **34**, 315–317 (1998).
1712. K. Manamendra-Arachchi, R. Pethiyagoda, R. Dissanayake, M. Meegaskumbura, A second extinct big cat from the Late Quaternary of Sri Lanka. *Raffles Bull. Zool.* **12** (suppl.), 423–434 (2005).
1713. G. S. Miller, A second collection of mammals from caves near St. Michel, Haiti (with ten plates). *Smithson. Misc. Collect.* **81**, 1–30 (1929).
1714. A. Tejedor, V. D. C. Tavares, G. Silva-Taboada, A revision of extant Greater Antillean bats of the genus *Natalus*. *Am. Mus. Novit.* **3493**, 1–22 (2005). [doi:10.1206/0003-0082\(2005\)493\[0001:AROEGA\]2.0.CO;2](https://doi.org/10.1206/0003-0082(2005)493[0001:AROEGA]2.0.CO;2)
1715. F. Marra, S. Nomade, A. Pereira, C. Petronio, L. Salari, G. Sottili, J.-J. Bahain, G. Boschian, G. Di Stefano, C. Falguères, F. Florindo, M. Gaeta, B. Giaccio, M. Masotta, A review of the geologic sections and the faunal assemblages of Aurelian Mammal Age of Latium (Italy) in the light of a new chronostratigraphic framework. *Quat. Sci. Rev.* **181**, 173–199 (2018). [doi:10.1016/j.quascirev.2017.12.007](https://doi.org/10.1016/j.quascirev.2017.12.007)

1716. J. Winter, E. Wing, "A refuse midden at the Minnis Ward site, San Salvador, Bahamas," *Proceedings of the XV International Congress for Caribbean Archaeology* (Centro de Estudios Avanzados de Puerto Rico y el Caribe, San Juan, Puerto Rico, 1995), pp. 423–434.
1717. B. E. Crowley, A refined chronology of prehistoric Madagascar and the demise of the megafauna. *Quat. Sci. Rev.* **29**, 2591–2603 (2010). [doi:10.1016/j.quascirev.2010.06.030](https://doi.org/10.1016/j.quascirev.2010.06.030)
1718. P. Boye, R. Hutterer, N. López Martínez, J. Michaux, A reconstruction of the Lava mouse (*Malpaisomys insularis*). *Z. Säugetierkd.* **57**, 29–38 (1992).
1719. A. Brumm, B. Hakim, M. Ramli, M. Aubert, G. D. van den Bergh, B. Li, B. Burhan, A. M. Saiful, L. Siagian, R. Sardi, A. Jusdi, A. P. Abdullah, A. P. Mubarak, M. W. Moore, R. G. Roberts, J. X. Zhao, D. McGahan, B. G. Jones, Y. Perston, K. Szabó, M. I. Mahmud, K. Westaway, E. W. Jatmiko, E. W. Saptomo, S. van der Kaars, R. Grün, R. Wood, J. Dodson, M. J. Morwood, A reassessment of the early archaeological record at Leang Burung 2, a Late Pleistocene rock-shelter site on the Indonesian island of Sulawesi. *PLOS ONE* **13**, e0193025 (2018). [doi:10.1371/journal.pone.0193025](https://doi.org/10.1371/journal.pone.0193025) [Medline](https://pubmed.ncbi.nlm.nih.gov/30193025/)
1720. J. A. Alcover, J. C. Rando, F. García-Talavera, R. Hutterer, J. Michaux, M. Trias, J. F. Navarro, A reappraisal of the stratigraphy of Cueva del Llano (Fuerteventura) and the chronology of the introduction of the house mouse (*Mus musculus*) into the Canary Islands. *Palaeogeogr. Palaeoclimatol. Palaeoecol.* **277**, 184–190 (2009). [doi:10.1016/j.palaeo.2009.03.016](https://doi.org/10.1016/j.palaeo.2009.03.016)
1721. R. N. Holdaway, T. H. Worthy, A reappraisal of the late Quaternary fossil vertebrates of Pyramid Valley Swamp, North Canterbury, New Zealand. *N. Z. J. Zool.* **24**, 69–121 (1997). [doi:10.1080/03014223.1997.9518107](https://doi.org/10.1080/03014223.1997.9518107)
1722. M. R. Palombo, M. P. Ferretti, G. L. Pillola, L. Chiappini, A reappraisal of the dwarfed mammoth *Mammuthus lamarmorai* from Gonnese (south-western Sardinia, Italy). *Quat. Int.* **255**, 158–170 (2012). [doi:10.1016/j.quaint.2011.05.037](https://doi.org/10.1016/j.quaint.2011.05.037)
1723. N. H. Bondoc, A re-investigation of the Espinosa archaeological sites in Cagayan and Kalinga-Apayao. *Philipp. Sociol. Rev.* **28**, 89–105 (1980).
1724. D. A. Hooijer, A pygmy *Stegodon* from the Middle Pleistocene of Eastern Java. *Zool. Meded.* **33**, 91–102 (1954).
1725. C.-K. Ho, G.-Q. Qi, C.-H. Chang, A preliminary study of Late Pleistocene megafauna *Cervus* sp. from the Penghu Channel, Taiwan. *J. Natl. Taiwan Mus.* **61**, 1–16 (2008).
1726. C.-K. Ho, G.-Q. Qi, C.-H. Chang, A preliminary study of Late Pleistocene carnivore fossils from the Penghu Channel, Taiwan. *Annu. Taiwan Mus.* **40**, 195–223 (1997).
1727. C.-K. Ho, G.-Q. Qi, C.-H. Chang, A preliminary study and reconstruction of Late Pleistocene megafauna *Bubalus teilhardi* Young from the Penghu Channel, Taiwan. *Annu. Taiwan Mus.* **39**, 1–15 (1996).
1728. P. Roe, "A preliminary report on the 1980 and 1982 field seasons at Hacienda Grande (12 PSJ-7): overview of site history, mapping and excavations," *Proceedings of the Tenth International Congress for the Study of the Pre-Columbian Cultures of the Lesser Antilles* (Centre de Recherches Caraïbes Université de Montreal, 1985).

1729. P. J. Piper, A. S. Mijares, “A preliminary report on a Late Pleistocene animal bone assemblage from Callao Cave, Penablanca, Northern Luzon, Philippines” (Archaeological Studies Program, 2007).
1730. G. Hope, T. Flannery, Boeari, Boeari, A preliminary report of changing Quaternary mammal faunas in subalpine New Guinea. *Quat. Res.* **40**, 117–126 (1993). [doi:10.1006/qres.1993.1062](https://doi.org/10.1006/qres.1993.1062)
1731. R. D. E. MacPhee, C. Flemming, A possible heptaxodontine and other caviidan rodents from the Quaternary of Jamaica. *Am. Mus. Novit.* **3422**, 1–43 (2003). [doi:10.1206/0003-0082\(2003\)422<0001:APHAOC>2.0.CO;2](https://doi.org/10.1206/0003-0082(2003)422<0001:APHAOC>2.0.CO;2)
1732. J. Menzies, H. L. Davies, W. J. Dunlap, S. D. Golding, A possible early age for a diprotodon (Marsupialia: Diprotodontidae) fossil from the Papua New Guinea highlands. *Alcheringa* **32**, 129–147 (2008). [doi:10.1080/03115510801921895](https://doi.org/10.1080/03115510801921895)
1733. N. Handa, T. Kato, A Pliocene rhinocerotid (Mammalia, Prissodactyla) from Ajimu, Oita Prefecture, southwestern Japan, with comments on the Japanese Pliocene rhinocerotid fossil record. *Palaontol. Z.* **94**, 759–768 (2020). [doi:10.1007/s12542-020-00515-w](https://doi.org/10.1007/s12542-020-00515-w)
1734. M. Iwamoto, Y. Hasegawa, A. Koizumi, A Pliocene colobine from the Nakatsu Group, Kanagawa, Japan. *Anthropol. Sci.* **113**, 123–127 (2005). [doi:10.1537/ase.04S017](https://doi.org/10.1537/ase.04S017)
1735. N. Handa, A Pleistocene rhinocerotid (Mammalia, Perissodactyla) from Yage, Shizuoka Prefecture, central Japan. *Paleontol. Res.* **19**, 139–142 (2015). [doi:10.2517/2014PR033](https://doi.org/10.2517/2014PR033)
1736. N. Handa, Y. Takechi, A Pleistocene rhinocerotid (Mammalia, Perissodactyla) from the Bisan-Seto area, western Japan. *Chishitsugaku Zasshi* **123**, 433–441 (2017). [doi:10.5575/geosoc.2017.0004](https://doi.org/10.5575/geosoc.2017.0004)
1737. D. A. McFarlane, A note on sexual dimorphism in *Nesophontes edithae* (Mammalia: Insectivora), an extinct island-shrew from Puerto Rico. *Caribb. J. Sci.* **35**, 142–143 (1999).
1738. J. de Vos, F. Aziz, E. Setiabudi, G. D. van den Bergh, E. Y. Patriani, “A new vertebrate fossil locality near Sumberdadi, Mojokerto (East Java, Indonesia)” in *Late Neogene and Quaternary Biodiversity and Evolution (Regional Developments and Interregional Correlations: Proceedings of the 18th International Senckenberg Conference)* (Mojokerto, 2007), vol. 2, pp. 175–180.
1739. K. F. Koopman, A new subspecies of *Chilonycteris* from the West Indies and a discussion of the mammals of La Gonave. *J. Mammal.* **36**, 109–113 (1955). [doi:10.2307/1375730](https://doi.org/10.2307/1375730)
1740. J. H. Hope, A new species of Thylogale (Marsupialia: Macropodidae) from Mapala Rock Shelter, Jaya (Carstensz) Mountains, Irian Jaya (Western New Guinea). *Rec. Aust. Mus.* **33**, 369–387 (1981). [doi:10.3853/j.0067-1975.33.1981.273](https://doi.org/10.3853/j.0067-1975.33.1981.273)
1741. A. Takahashi, H. Otsuka, R. Hirayama, A new species of the genus *Manouria* (Testudines: Testudinidae) from the Upper Pleistocene of the Ryukyu Islands, Japan. *Paleontol. Res.* **7**, 195–217 (2003). [doi:10.2517/prpsj.7.195](https://doi.org/10.2517/prpsj.7.195)
1742. H. Aiba, K. Baba, M. Matsukawa, A new species of *Stegodon* (Mammalia, Proboscidea) from the Kazusa Group (Lower Pleistocene), Hachioji City, Tokyo, Japan and its

- evolutionary morphodynamics. *Palaeontology* **53**, 471–490 (2010). [doi:10.1111/j.1475-4983.2010.00953.x](https://doi.org/10.1111/j.1475-4983.2010.00953.x)
1743. S. T. Turvey, S. Brace, M. Weksler, A new species of recently extinct rice rat (*Megalomys*) from Barbados. *Mamm. Biol.* **77**, 404–413 (2012). [doi:10.1016/j.mambio.2012.03.005](https://doi.org/10.1016/j.mambio.2012.03.005)
1744. R. M. Timm, V. Weijola, K. P. Aplin, S. C. Donnellan, T. F. Flannery, V. Thomson, R. H. Pine, A new species of *Rattus* (Rodentia: Muridae) from Manus Island, Papua New Guinea. *J. Mammal.* **97**, 861–878 (2016). [doi:10.1093/jmammal/gyw034](https://doi.org/10.1093/jmammal/gyw034)
1745. P. Bover, J. Quintana, J. A. Alcover, A new species of *Myotragus* Bate, 1909 (Artiodactyla, Caprinae) from the Early Pliocene of Mallorca (Balearic Islands, western Mediterranean). *Geol. Mag.* **147**, 871–885 (2010). [doi:10.1017/S0016756810000336](https://doi.org/10.1017/S0016756810000336)
1746. E. L. Simons, L. R. Godfrey, W. L. Jungers, P. S. Chatrath, J. Ravaoarisoa, A new species of *Mesopropithecus* (Primates, Palaeopropithecidae) from Northern Madagascar. *Int. J. Primatol.* **16**, 653–682 (1995). [doi:10.1007/BF02735287](https://doi.org/10.1007/BF02735287)
1747. F. D  troit, A. S. Mijares, J. Corny, G. Daver, C. Zanolli, E. Dizon, E. Robles, R. Gr  n, P. J. Piper, A new species of *Homo* from the Late Pleistocene of the Philippines. *Nature* **568**, 181–186 (2019). [doi:10.1038/s41586-019-1067-9](https://doi.org/10.1038/s41586-019-1067-9) [Medline](#)
1748. D. A. McFarlane, A. O. Debrot, A new species of extinct oryzomyine rodent from the Quaternary of Cura  ao, Netherlands Antilles. *Caribb. J. Sci.* **37**, 182–184 (2001).
1749. S. T. Turvey, J. Almonte, J. Hansford, R. P. Scofield, J. L. Brocca, S. D. Chapman, A new species of extinct Late Quaternary giant tortoise from Hispaniola. *Zootaxa* **4277**, 1–16 (2017). [doi:10.11646/zootaxa.4277.1.1](https://doi.org/10.11646/zootaxa.4277.1.1) [Medline](#)
1750. F. Masini, P. Rinaldi, A. Savorelli, M. Pavia, “A new small mammal assemblage from the Pirro 12 “Terre Rosse” fissure filling (Gargano, Southeastern Italy),” *Neogene Park RCMNS Interim Colloquium “Vertebrate Migration in the Mediterranean and Parathetys”* (2011), pp. 54–55.
1751. F. Masini, P. M. Rinaldi, A. Savorelli, M. Pavia, A new small mammal assemblage from the M013 Terre Rosse fissure filling (Gargano, South-Eastern Italy). *Geobios* **46**, 49–61 (2013). [doi:10.1016/j.geobios.2012.10.003](https://doi.org/10.1016/j.geobios.2012.10.003)
1752. R. Hutterer, N. Lopez-Martinez, J. Michaux, A new rodent from Quaternary deposits of the Canary Islands and its relationships with Neogene and Recent murids of Europe and Africa. *Palaeovertebrata* **18**, 241–262 (1988).
1753. C. Sp  tl, P. J. Reimer, R. Starnberger, R. W. Reimer, A new radiocarbon chronology of Baumkirchen, stratotype for the onset of the Upper W  rmian in the Alps. *J. Quaternary Sci.* **28**, 552–558 (2013). [doi:10.1002/jqs.2645](https://doi.org/10.1002/jqs.2645)
1754. J. A. White, A new *Peromyscus* from the Late Pleistocene of Anacapa Island, California: With notes on variation in *Peromyscus nesodytes* Wilson. *Contrib. Sci.* **96**, 1–8 (1966). [doi:10.5962/p.241086](https://doi.org/10.5962/p.241086)
1755. N. K. Symeonides, P. Y. Sondaar, A new otter from the Pleistocene of Crete. *Ann. G  ologiques Pays Hell.* **27**, 11–24 (1975).

1756. R. Nakagawa, Y. Kawamura, S. Nunami, M. Yoneda, M. Namiki, Y. Shibata, A new OIS2 and OIS3 terrestrial mammal assemblage on Miyako Island (Ryukyus), Japan. *Br. Archaeol. Rep. Intern. Ser* **2352**, 55–64 (2012).
1757. E. Rega, D. A. McFarlane, J. Lundberg, K. Christenson, A new megalonychid sloth from the Late Wisconsinan of the Dominican Republic. *Caribb. J. Sci.* **38**, 11–19 (2002).
1758. K. E. Samonds, B. E. Crowley, T. R. N. Rasolofomanana, M. C. Andriambelomanana, H. T. Andrianavalona, T. N. Ramihangihajason, R. Rakotozandry, Z. B. Nomenjanahary, M. T. Irwin, N. A. Wells, L. R. Godfrey, A new late Pleistocene subfossil site (Tsaramody, Sambaina basin, central Madagascar) with implications for the chronology of habitat and megafaunal community change on Madagascar's Central Highlands. *J. Quaternary Sci.* **34**, 379–392 (2019). [doi:10.1002/jqs.3096](https://doi.org/10.1002/jqs.3096)
1759. G. Iliopoulos, H. Eikamp, C. Fassoulas, A new late Pleistocene mammal locality from Western Crete. *Delt. Ell. Geol. Etair.* **43**, 918–926 (2010). [doi:10.12681/bgsg.11257](https://doi.org/10.12681/bgsg.11257)
1760. T. F. Flannery, M. Plane, A new late Pleistocene diprotodontid (Marsupialia) from Pureni, Southern Highlands Province, Papua New Guinea. *BMR J. Aust. Geol. Geophys.* **10**, 65–76 (1986).
1761. J. Agustí, P. Bover, J. A. Alcover, A new genus of endemic cricetid (Mammalia, Rodentia) from the late Neogene of Mallorca (Balearic Islands, Spain). *J. Vertebr. Paleontol.* **32**, 722–726 (2012). [doi:10.1080/02724634.2012.652322](https://doi.org/10.1080/02724634.2012.652322)
1762. R. D. E. MacPhee, I. I. Horovitz, O. Arredondo, O. J. Vasquez, A new genus for the extinct Hispaniolan monkey *Saimiri bernensis* Rimoli, 1977, with notes on its systematic position. *Am. Mus. Novit.* **3134**, 1–24 (1995).
1763. S. T. Turvey, F. V. Grady, P. Rye, A new genus and species of “giant hutia” (*Tainotherium valei*) from the Quaternary of Puerto Rico: An extinct arboreal quadruped? *J. Zool.* **270**, 585–594 (2006). [doi:10.1111/j.1469-7998.2006.00170.x](https://doi.org/10.1111/j.1469-7998.2006.00170.x)
1764. R. D. E. MacPhee, C. A. Woods, A new fossil cebine from Hispaniola. *Am. J. Phys. Anthropol.* **58**, 419–436 (1982). [doi:10.1002/ajpa.1330580410](https://doi.org/10.1002/ajpa.1330580410) [Medline](#)
1765. W. Suárez, S. Díaz-Franco, A new fossil bat (Chiroptera: Phyllostomidae) from a Quaternary cave deposit in Cuba. *Caribb. J. Sci.* **39**, 371–377 (2003).
1766. R. Rozzi, A new extinct dwarfed buffalo from Sulawesi and the evolution of the subgenus *Anoa*: An interdisciplinary perspective. *Quat. Sci. Rev.* **157**, 188–205 (2017). [doi:10.1016/j.quascirev.2016.12.011](https://doi.org/10.1016/j.quascirev.2016.12.011)
1767. M. R. Palombo, M. Zedda, R. T. Melis, A new elephant fossil from the late Pleistocene of Alghero: The puzzling question of Sardinian dwarf elephants. *C. R. Palevol* **16**, 841–849 (2017). [doi:10.1016/j.crpv.2017.05.007](https://doi.org/10.1016/j.crpv.2017.05.007)
1768. V. L. Herridge, D. Nita, J. Schwenninger, G. Mangano, L. Bonfiglio, A. M. Lister, D. Richards, “A new chronology for Spinagallo Cave (Sicily): Implications for the evolution of the insular dwarf elephant *Palaeoloxodon falconeri*,” *Abstract book of the 6th International Conference on Mammoths and their Relatives. May 5-12* (Grevena-Siatista, Greece, 2014), p. 70.

1769. S. M. Ford, G. S. Morgan, A new ceboid femur from the late Pleistocene of Jamaica. *J. Vertebr. Paleontol.* **6**, 281–289 (1986). [doi:10.1080/02724634.1986.10011623](https://doi.org/10.1080/02724634.1986.10011623)
1770. C. A. Woods, “A new capromyid rodent from Haiti: the origin, evolution, and extinction of West Indian rodents and their bearing on the origin of New World hystricognaths” in *Papers on Fossil Rodents in Honor of Albert Elmer Wood* (Natural History Museum of Los Angeles County, 1989), pp. 59–90.
1771. L. W. van den Hoek Ostende, D. van Oijen, S. K. Donovan, A new bat record for the late Pleistocene of Jamaica: *Pteronotus trevorjacksoni* from the Red Hills Road Cave. *Caribb. J. Earth Sci.* **50**, 31–35 (2018).
1772. Y. Zaim, J. de Vos, O. F. Huffman, F. Aziz, J. Kappelman, Y. Rizal, A new antler specimen from the 1936 Perring hominid site, East Jawa, Indonesia, attributable to *Axis lydekkeri* (MARTIN, 1886). *J. Miner. Technol.* **10**, 45–52 (2003).
1773. G. Catalano, A. Modi, G. Mangano, L. Sineo, M. Lari, L. Bonfiglio, A mitogenome sequence of an *Equus hydruntinus* specimen from Late Quaternary site of San Teodoro Cave (Sicily, Italy). *Quat. Sci. Rev.* **236**, 106280 (2020). [doi:10.1016/j.quascirev.2020.106280](https://doi.org/10.1016/j.quascirev.2020.106280)
1774. D. A. McFarlane, J. Lundberg, A Middle Pleistocene age and biogeography for the extinct rodent *Megalomys curazensis* from Curaçao, Netherlands Antilles. *Caribb. J. Sci.* **38**, 278–281 (2002).
1775. E. Gliozzi, A. Malatesta, A megacerine in the Pleistocene of Sicily. *Geol. Rom.* **21**, 311–389 (1982).
1776. J. G. Crock, J. B. Petersen, “A Long and Rich Cultural Heritage: The Anguilla Archaeology Project, 1992-1998” (The Anguilla Archaeological and Historical Society, The Valley, Anguilla, British West Indies, 1999), p. 353.
1777. D. W. Steadman, O. M. Takano, A late-Holocene bird community from Hispaniola: Refining the chronology of vertebrate extinction in the West Indies. *Holocene* **23**, 936–944 (2013). [doi:10.1177/0959683613479683](https://doi.org/10.1177/0959683613479683)
1778. D. A. McFarlane, J. Lundberg, A. G. Fincham, A late Quaternary paleoecological record from caves of southern Jamaica, West Indies. *J. Caves Karst Stud.* **64**, 117–124 (2002).
1779. G. E. Theodorou, S. I. Roussiakīs, A. Athanassiou, I. Giaourtsakis, I. Panayides, A Late Pleistocene endemic genet (Carnivora, Viverridae) from Aghia Napa, Cyprus. *Delt. Ell. Geol. Etair.* **40**, 201–208 (2007). [doi:10.12681/bgsg.16514](https://doi.org/10.12681/bgsg.16514)
1780. R. T. Melis, M. R. Palombo, B. Ghaleb, S. Meloni, A key site for inferring the timing of dispersal of giant deer in Sardinia, the Su Fossu de Cannas cave, Sadali, Italy. *Quat. Res.* **86**, 335–347 (2016). [doi:10.1016/j.yqres.2016.08.005](https://doi.org/10.1016/j.yqres.2016.08.005)
1781. K. Nagasawa, Y. Mitani, A humpback whale, *Megaptera novaeangliae* (Borowski, 1781), from the Pleistocene Kioroshi Formation of Inba-mura, Chiba Prefecture, central Japan. *Paleontol. Res.* **8**, 155–165 (2004). [doi:10.2517/prpsj.8.155](https://doi.org/10.2517/prpsj.8.155)
1782. Earl of Cranbrook, P. J. Piper, A guide for zooarchaeologists on the identifications of rats from Borneo caves excavations by dental characters. *Sarawak Mus. J.* **74**, 1–23 (2015).

1783. L. W. van den Hoek Ostende, J. S. Zijlstra, E. Locatelli, “A giant shrew rat from Flores” in *Late Cenozoic Mammals: Fossil Record, Biostratigraphy, Paleoecology*, I. Horacek, J. Wagner, S. Cermak, Eds. (The Institute of Geology AS CR, Prague, 2011).
1784. O. Choa, thesis, Muséum national d’histoire naturelle (2018).
1785. K. F. Koopman, A fossil vampire bat from Cuba. *Breviora* **90**, 1–4 (1958).
1786. D. A. Hooijer, A femur of *Manis palaeojavanica* Dubois from Western Java. *Proc. K. Ned. Akad. Wet.* **50**, 413–418 (1947).
1787. F. Aziz, G. D. van den Bergh, A dwarf *Stegodon* from Sambungmacan (Central Java, Indonesia). *Proc. K. Ned. Akad. Wet. C* **98**, 229–241 (1995).
1788. A. A. E. van der Geer, G. A. Lyras, L. W. van den Hoek Ostende, J. de Vos, H. Drinia, A dwarf elephant and a rock mouse on Naxos (Cyclades, Greece) with a revision of the palaeozoogeography of the Cycladic Islands (Greece) during the Pleistocene. *Palaeogeogr. Palaeoclimatol. Palaeoecol.* **404**, 133–144 (2014).
[doi:10.1016/j.palaeo.2014.04.003](https://doi.org/10.1016/j.palaeo.2014.04.003)
1789. S. K. Donovan, C. R. C. Paul, A diverse terrestrial fauna in the Pleistocene of Jamaica: The treasures of the Red Hills Road Cave. *Geol. Today* **27**, 173–180 (2011).
[doi:10.1111/j.1365-2451.2011.00806.x](https://doi.org/10.1111/j.1365-2451.2011.00806.x)
1790. K. Douglass, S. Hixon, H. T. Wright, L. R. Godfrey, B. E. Crowley, B. Manjakahery, T. Rasolondrainy, Z. Crossland, C. Radimilahy, A critical review of radiocarbon dates clarifies the human settlement of Madagascar. *Quat. Sci. Rev.* **221**, 105878 (2019).
[doi:10.1016/j.quascirev.2019.105878](https://doi.org/10.1016/j.quascirev.2019.105878)
1791. T. Moutsiou, A compositional study (pXRF) of Early Holocene obsidian assemblages from Cyprus, Eastern Mediterranean. *Open Archaeol.* **5**, 155–166 (2019).
[doi:10.1515/opar-2019-0011](https://doi.org/10.1515/opar-2019-0011)
1792. D. A. Burney, L. P. Burney, L. R. Godfrey, W. L. Jungers, S. M. Goodman, H. T. Wright, A. J. Jull, A chronology for late prehistoric Madagascar. *J. Hum. Evol.* **47**, 25–63 (2004).
[doi:10.1016/j.jhevol.2004.05.005](https://doi.org/10.1016/j.jhevol.2004.05.005) [Medline](#)
1793. T. E. Reynolds, K. F. Koopman, E. E. Williams, A cave faunule from western Puerto Rico with a discussion of the genus *Isolobodon*. *Breviora* **12**, 1–8 (1953).
1794. G. T. Jefferson, A catalogue of late Quaternary vertebrates from California. Part 2, Mammals. *Nat. Hist. Mus. Los Angel. Cty. Tech. Rep.* **7**, 1–129 (1991).
1795. P. Storm, A carnivorous niche for Java Man? A preliminary consideration of the abundance of fossils in Middle Pleistocene Java. *C. R. Palevol* **11**, 191–202 (2012).
[doi:10.1016/j.crpv.2011.04.002](https://doi.org/10.1016/j.crpv.2011.04.002)
1796. A. V. Stokes, thesis, University of Florida (1998).
1797. P. J. Piper, H. Hung, F. Z. Campos, P. Bellwood, R. Santiago, A 4000 year-old introduction of domestic pigs into the Philippine Archipelago: Implications for understanding routes of human migration through Island Southeast Asia and Wallacea. *Antiquity* **83**, 687–695 (2009). [doi:10.1017/S0003598X00098914](https://doi.org/10.1017/S0003598X00098914)

1798. G. A. Goodfriend, R. M. Mitterer, A 45,000-yr record of a tropical lowland biota: The land snail fauna from cave sediments at Coco Ree, Jamaica. *Geol. Soc. Am. Bull.* **105**, 18–29 (1993). [doi:10.1130/0016-7606\(1993\)105<0018:AYROAT>2.3.CO;2](https://doi.org/10.1130/0016-7606(1993)105<0018:AYROAT>2.3.CO;2)
1799. J. Michaux, N. López-Martínez, J. Hernández-Pacheco, A ¹⁴C dating of *Canariomys bravoi* (Mammalia Rodentia), the extinct giant rat from Tenerife (Canary Islands, Spain), and the recent history of the endemic mammals in the archipelago. *Vie Milieu Life Environ.* **46**, 261–266 (1996).
1800. L. F. Molerio Leon, J. Guarch Rodriguez, M. G. Guerra Oliva, J. C. Torres Rodríguez, E. Rocamora Alvarez, ¹⁴C evidence of environmental changes at the Seboruco Cliffs, the oldest archeological site of Cuba. *IAEA-CN* **8048**, 49–50 (2001).
1801. H. Otsuka, T. Nakamura, T. Ota, ¹⁴C ages of vertebrate fossil beds in the Ryukyu Islands, South Japan. *Summ. Res. Using AMS Nagoya Univ.* **19**, 135–153 (2008).
1802. A. L. Rosenberger, R. Pickering, H. Green, S. B. Cooke, M. Tallman, A. Morrow, R. Rímoli, 1.32 ± 0.11 Ma age for underwater remains constrain antiquity and longevity of the Dominican primate *Antillothrix bernensis*. *J. Hum. Evol.* **88**, 85–96 (2015). [doi:10.1016/j.jhevol.2015.05.015](https://doi.org/10.1016/j.jhevol.2015.05.015) [Medline](#)
1803. S. T. Turvey, “Holocene mammal extinctions” in *Holocene Extinctions*, S. T. Turvey, Ed. (Oxford Univ. Press, 2009), pp. 41–62.
1804. D. A. Hooijer, Fossil Bovidae from the Malay Archipelago and the Punjab. *Zool. Verh.* **38**, 1–112 (1958).
1805. K. Newman, B. Hakim, A. A. Oktaviana, B. Burhan, D. McGahan, A. Brumm, The missing deposits of South Sulawesi: New sources of evidence for the Pleistocene/Holocene archaeological transition. *Archaeol. Res. Asia* **32**, 100408 (2022). [doi:10.1016/j.ara.2022.100408](https://doi.org/10.1016/j.ara.2022.100408)
1806. G. J. Prideaux, I. A. R. Kerr, J. D. van Zoelen, R. Grün, S. van der Kaars, A. Oertle, K. Douka, E. Grono, A. Barron, M.-J. Mountain, M. C. Westaway, T. Denham, Re-evaluating the evidence for late-surviving megafauna at Nombe rockshelter in the New Guinea highlands. *Archaeol. Ocean.* **57**, 223–248 (2022). [doi:10.1002/arco.5274](https://doi.org/10.1002/arco.5274)
1807. Y. Perston, B. Burhan, K. Newman, B. Hakim, A. Oktaviana, A. Brumm, Technology, subsistence strategies and cultural diversity in South Sulawesi, Indonesian, during the Toalean Mid-Holocene period: Recent advances in research. *J. Indo-Pac. Archaeol.* **45**, 1–24 (2021).
1808. B. Fakhri, Budianto Hakim, Yulastri, Salmia, Suryatman, Pemanfaatan Fauna Vertebrata dan Kondisi Lingkungan Masa Okupasi 8.000 – 550 BP di Situs Leang Jarie, Maros, Sulawesi Selatan. *AMERTA* **39**, 17–34 (2021). [doi:10.24832/amt.v39i1.17-34](https://doi.org/10.24832/amt.v39i1.17-34)
1809. Fakhri, “Fauna dan strategi subsistensi penghuni situs Pangnganikang 4000 tahun yang lalu.” in *Butta Toa: Jejak Arkeologi Budaya Toala, Logam, & Tradisi Berlanjut di Bantaeng* (Yogyakarta, Penerbit Ombak., 2017), pp. 49–74.
1810. Fakhri, Arkeofauna kawasan karst Bontocani Kabupaten Bone, Sulawesi Selatan. *Walennae* **16**, 21–38 (2018). [doi:10.24832/wln.v16i1.314](https://doi.org/10.24832/wln.v16i1.314)

1811. A. M. Saiful, B. Hakim, Interaksi manusia terhadap binatang di Gua Batti. *Walennae* **14**, 1–10 (2016).
1812. S. Carlhoff, A. Duli, K. Nägele, M. Nur, L. Skov, I. Sumantri, A. A. Oktaviana, B. Hakim, B. Burhan, F. A. Syahdar, D. P. McGahan, D. Bulbeck, Y. L. Perston, K. Newman, A. M. Saiful, M. Ririmasse, S. Chia, D. A. T. Hasanuddin, D. A. T. Pulubuhu, Suryatman, C. Supriadi, C. Jeong, B. M. Peter, K. Prüfer, A. Powell, J. Krause, C. Posth, A. Brumm, Genome of a middle Holocene hunter-gatherer from Wallacea. *Nature* **596**, 543–547 (2021). [doi:10.1038/s41586-021-03823-6](https://doi.org/10.1038/s41586-021-03823-6) [Medline](#)
1813. T. R. Maloney, I. E. Dilkes-Hall, P. Setiawan, A. A. Oktaviana, I. M. Geria, M. Effendy, M. Ririmasse, E. Febryanto, E. Sriputri, A. Priyatno, F. T. Atmoko, I. Moffat, A. Brumm, M. Aubert, A late Pleistocene to Holocene archaeological record from East Kalimantan, Borneo. *Quat. Sci. Rev.* **277**, 107313 (2022). [doi:10.1016/j.quascirev.2021.107313](https://doi.org/10.1016/j.quascirev.2021.107313)
1814. D. Gaffney, G. R. Summerhayes, S. Luu, J. Menzies, K. Douglass, M. Spitzer, S. Bulmer, Small game hunting in montane rainforests: Specialised capture and broad spectrum foraging in the Late Pleistocene to Holocene New Guinea Highlands. *Quat. Sci. Rev.* **253**, 106742 (2021). [doi:10.1016/j.quascirev.2020.106742](https://doi.org/10.1016/j.quascirev.2020.106742)
1815. K. Douglass, D. Gaffney, T. J. Feo, P. Bulathsinhala, A. L. Mack, M. Spitzer, G. R. Summerhayes, Late Pleistocene/Early Holocene sites in the montane forests of New Guinea yield early record of cassowary hunting and egg harvesting. *Proc. Natl. Acad. Sci. U.S.A.* **118**, e2100117118 (2021). [doi:10.1073/pnas.2100117118](https://doi.org/10.1073/pnas.2100117118) [Medline](#)
1816. C. Tsai, Z. J. Tseng, Eurasian wanderer: An island sabre-toothed cat (Felidae, Machairodontinae) in the Far East. *Pap. Palaeontol.* **8**, e1496 (2022). [doi:10.1002/spp2.1469](https://doi.org/10.1002/spp2.1469)
1817. A. R. Sumanarathna, K. Abeywardhana, J. Katupotha, M. Aouititen, Fossils of Sri Lanka: Chapter Sabaragamuwa Basin. *Wildlanka* **9**, 173–300 (2021).
1818. G. D. van den Bergh, B. V. Alloway, M. Storey, R. Setiawan, D. Yurnaldi, I. Kurniawan, M. W. Moore, A. Jatmiko, A. Brumm, S. Flude, T. Sutikna, E. Setiyabudi, U. W. Prasetyo, M. R. Puspiningrum, I. Yoga, H. Insani, H. J. M. Meijer, B. Kohn, B. Pillans, I. Sutisna, A. Dosseto, S. Hayes, J. A. Westgate, N. J. G. Pearce, F. Aziz, R. A. Due, M. J. Morwood, An integrative geochronological framework for the Pleistocene So'a basin (Flores, Indonesia), and its implications for faunal turnover and hominin arrival. *Quat. Sci. Rev.* **294**, 107721 (2022). [doi:10.1016/j.quascirev.2022.107721](https://doi.org/10.1016/j.quascirev.2022.107721)
1819. R. K. McAfee, J. N. Almonte, Complete zygomatic arches in the Late Quaternary sloth Neocnus from La Altagracia province, Dominican Republic. *Novit. Caribaea* **20**, 1–10 (2022). [doi:10.33800/nc.vi20.301](https://doi.org/10.33800/nc.vi20.301)
1820. L. W. Viñola-Lopez, E. E. Core Suárez, J. Vélez-Juarbe, J. N. Almonte Milan, J. I. Bloch, The oldest known record of a ground sloth (Mammalia, Xenarthra, Folivora) from Hispaniola: Evolutionary and paleobiogeographical implications. *J. Paleontol.* **96**, 684–691 (2022). [doi:10.1017/jpa.2021.109](https://doi.org/10.1017/jpa.2021.109)
1821. S. Elliott, S. Y. Maezumi, M. Robinson, M. Burn, W. D. Gosling, H. L. Mickleburgh, S. Walters, Z. J. M. Beier, The legacy of 1300 years of land use in Jamaica. *J. Island Coast. Archaeol.* 1–32 (2022). [doi:10.1080/15564894.2022.2078448](https://doi.org/10.1080/15564894.2022.2078448)

1822. Y. Kimura, D. Fukui, M. Yoshiyuki, K. Higashi, Conservation paleobiology on Minami-Daito Island, Okinawa, Japan: Anthropogenic extinction of cave-dwelling bats on a tropical oceanic island. *PeerJ* **10**, e12702 (2022). [doi:10.7717/peerj.12702](https://doi.org/10.7717/peerj.12702) [Medline](#)
1823. C. L. Hofman, J. R. Pagán-Jiménez, M. H. Field, H. Hooghiemstra, J. A. M. Vermeer, P. Jorissen, S. Knippenberg, B. Bérard, M. L. P. Hoogland, Mangrove archives: Unravelling human-environment interactions from deeply buried deposits at the site Anse Trabaud, Martinique, Lesser Antilles (1290–780 cal BP). *Environ. Archaeol.* 10.1080/14614103.2021.1921676 (2021). [doi:10.1080/14614103.2021.1921676](https://doi.org/10.1080/14614103.2021.1921676)
1824. J. Louys, M. Duval, G. J. Price, K. Westaway, Y. Zaim, Y. Rizal, Aswan, M. Puspaningrum, A. Trihascaryo, S. F. M. Breitenbach, O. Kwiecien, Y. Cai, P. Higgins, P. C. H. Albers, J. de Vos, P. Roberts, Speleological and environmental history of Lida Ajer cave, western Sumatra. *Philos. Trans. R. Soc. London Ser. B* **377**, 20200494 (2022). [doi:10.1098/rstb.2020.0494](https://doi.org/10.1098/rstb.2020.0494) [Medline](#)
1825. J. Allen, C. Gosden, R. Jones, J. P. White, Pleistocene dates for the human occupation of New Ireland, northern Melanesia. *Nature* **331**, 707–709 (1988). [doi:10.1038/331707a0](https://doi.org/10.1038/331707a0) [Medline](#)
1826. P. Roberts, K. Douka, M. Tromp, S. Bedford, S. Hawkins, L. Bouffandeau, J. Ilgner, M. Lucas, S. Marzo, R. Hamilton, W. Ambrose, D. Bulbeck, S. Luu, R. Shing, C. Gosden, G. Summerhayes, M. Spriggs, Fossils, fish and tropical forests: Prehistoric human adaptations on the island frontiers of Oceania. *Philos. Trans. R. Soc. London Ser. B* **377**, 20200495 (2022). [doi:10.1098/rstb.2020.0495](https://doi.org/10.1098/rstb.2020.0495) [Medline](#)
1827. H. Otsuka, R. Kuwayama, Fossil frog excavated from the Lower Pleistocene deposits of Tanegashima Island and its paleobiogeographical significance. *Chishitsugaku Zasshi* **106**, 442–458 (2000). [doi:10.5575/geosoc.106.442](https://doi.org/10.5575/geosoc.106.442)
1828. Y. Tomida, H. Nakaya, H. Saegusa, K. Miyata, A. Fukuchi, “Miocene land mammals and stratigraphy of Japan” in *Neogene Terrestrial Mammalian Biostratigraphy and Chronology of Asia*, X. Wang, L. J. Flynn, M. Fortelius, Eds. (Columbia Univ. Press, 2013), pp. 314–333.
1829. E. Z. De Vera, Pigs and rituals on Bohol Island, Philippines. *Southeast Asian Archaeol. Bar Int. Ser.* **561**, 86–100 (1990).
1830. M. Nishimura, thesis, University of Michigan (1992).
1831. U. P. Wibowo, E. Setiyabudi, I. Kurniawan, A *Stegodon* mandible from Cipanaruban, Subang, West Java; description and its position in the Java vertebrate biostratigraphy. *J. Geol. Dan Sumberd. Miner.* **19**, 9–14 (2018).
1832. M. Buckley, R. G. Cooke, M. F. Martínez, F. Bustamante, M. Jiménez, A. Lara, J. G. Martín, “Archaeological collagen fingerprinting in the Neotropics; protein survival in 6000 year old dwarf deer remains from Pedro González Island, Pearl Islands, Panama” in *Zooarchaeology in the Neotropics*, M. Mondini, A. S. Muñoz, P. M. Fernández, Eds. (Springer International Publishing, Cham, 2017), pp. 157–175.
1833. M. F. Martínez-Polanco, F. Rivals, N. Sugiyama, C. A. M. France, S. A. Castro Méndez, M. Jiménez-Acosta, J. G. Martín, R. G. Cooke, Human ecological impacts on islands: Exemplified by a dwarf deer (Cervidae: *Mazama* sp.) on Pedro Gonzalez Island, Pearl

- Island Archipelago, Pacific Panama (6.2–5.6 kya). *J. Archaeol. Sci.* **143**, 105613 (2022). [doi:10.1016/j.jas.2022.105613](https://doi.org/10.1016/j.jas.2022.105613)
1834. M. Martínez-Polanco, M. Jiménez, M. Buckley, R. G. Cooke, Impactos humanos tempranos en fauna insular: El caso de los venados enanos de Pedro González (Archipiélago de las Perlas, Panamá). *Rev. Archaeobios* **9**, 202–214 (2015).
1835. J. G. Martín, R. G. Cooke, F. Bustamante, I. Holst, A. Lara, S. Redwood, Ocupaciones prehispánicas en Isla Pedro González, Archipiélago de Las Perlas, Panamá: Aproximación a una cronología con comentarios sobre las conexiones externas. *Lat. Am. Antiq.* **27**, 378–396 (2016). [doi:10.7183/1045-6635.27.3.378](https://doi.org/10.7183/1045-6635.27.3.378)
1836. R. G. Cooke, T. A. Wake, M. F. Martínez-Polanco, M. Jiménez-Acosta, F. Bustamante, I. Holst, A. Lara-Kraudy, J. G. Martín, S. Redwood, Exploitation of dolphins (Cetacea: Delphinidae) at a 6000 yr old Preceramic site in the Pearl Island archipelago, Panama. *J. Archaeol. Sci. Rep.* **6**, 733–756 (2016). [doi:10.1016/j.jasrep.2015.12.001](https://doi.org/10.1016/j.jasrep.2015.12.001)
1837. G. A. Pearson, J. G. Martín, S. A. Castro, M. J. Acosta, R. G. Cooke, The mid holocene occupation of the Pearl Islands: A case of unusual insular adaptations on the Pacific Coast of Panama. *Quat. Int.* **578**, 155–169 (2021). [doi:10.1016/j.quaint.2020.07.036](https://doi.org/10.1016/j.quaint.2020.07.036)
1838. P. V. Kirch, J. A. Swift, New AMS radiocarbon dates and a re-evaluation of the cultural sequence of Tikopia Island, southeast Solomon Islands. *J. Polyn. Soc.* **126**, 313–336 (2017). [doi:10.15286/jps.126.3.313-336](https://doi.org/10.15286/jps.126.3.313-336)
1839. L. R. Godfrey, B. E. Crowley, K. M. Muldoon, S. J. Burns, N. Scroxton, Z. S. Klukkert, L. Ranivoharimanana, J. Alumbaugh, M. Borths, R. Dart, P. Faina, S. M. Goodman, I. J. Gutierrez, J. P. Hansford, E. R. Hekkala, C. W. Kinsley, P. Lehman, M. E. Lewis, D. McGee, V. R. Pérez, N. J. Rahantaharivao, M. Rakotoarijaona, H. A. M. Rasolonjatovo, K. E. Samonds, S. T. Turvey, N. Vasey, P. Widmann, Teasing apart impacts of human activity and regional drought on Madagascar's large vertebrate fauna: Insights from new excavations at Tsimanampesotse and Antsirafaly. *Front. Ecol. Evol.* **9**, 742203 (2021). [doi:10.3389/fevo.2021.742203](https://doi.org/10.3389/fevo.2021.742203)
1840. P. Faina, S. J. Burns, B. E. Crowley, N. Scroxton, D. McGee, M. R. Sutherland, Comparing the paleoclimates of northwestern and southwestern Madagascar during the late Holocene: Implications for the role of climate in megafaunal extinction. *Malagasy Nat.* **15**, 108–127 (2021).
1841. S. W. Hixon, A. I. Domic, K. G. Douglass, P. Roberts, L. Eccles, M. Buckley, S. Ivory, S. Noe, D. J. Kennett, Cutmarked bone of drought-tolerant extinct megafauna deposited with traces of fire, human foraging, and introduced animals in SW Madagascar. *Sci. Rep.* **12**, 18504 (2022). [doi:10.1038/s41598-022-22980-w](https://doi.org/10.1038/s41598-022-22980-w) [Medline](https://pubmed.ncbi.nlm.nih.gov/36111111/)
1842. P. P. A. Mazza, M. A. Rossi, M. Rustioni, S. Agostini, F. Masini, A. Savorelli, Observations on the postcranial anatomy of *Hoplitomeryx* (Mammalia, Ruminantia, Hoplitomerycidae) from the Miocene of the Apulia Platform (Italy). *Palaeontographica Abt. A Paläozool. Stratigr.* **307**, 105–147 (2016). [doi:10.1127/pala/307/2016/105](https://doi.org/10.1127/pala/307/2016/105)
1843. P. Bover, J. Quintana, J. A. Alcover, Three islands, three worlds: Paleogeography and evolution of the vertebrate fauna from the Balearic Islands. *Quat. Int.* **182**, 135–144 (2008). [doi:10.1016/j.quaint.2007.06.039](https://doi.org/10.1016/j.quaint.2007.06.039)

1844. M. J. Landis, W. A. Freyman, B. G. Baldwin, Retracing the Hawaiian silversword radiation despite phylogenetic, biogeographic, and paleogeographic uncertainty. *Evolution* **72**, 2343–2359 (2018). [doi:10.1111/evo.13594](https://doi.org/10.1111/evo.13594) [Medline](#)
1845. K. F. Rijdsdijk, T. Hengl, S. J. Norder, R. Otto, B. C. Emerson, S. P. Ávila, H. López, E. E. van Loon, E. Tjørve, J. M. Fernández-Palacios, Quantifying surface-area changes of volcanic islands driven by Pleistocene sea-level cycles: Biogeographical implications for the Macaronesian archipelagos. *J. Biogeogr.* **41**, 1242–1254 (2014). [doi:10.1111/jbi.12336](https://doi.org/10.1111/jbi.12336)
1846. J. Carvalho Silveira, F. Soares Oliveira, C. Ernesto Gonçalves Reynaud Schaefer, A. Fortes Drummond Chicarino Varajão, C. Augusto Chicarino Varajão, E. Osório Senra, Phosphatized volcanic soils of Fernando de Noronha Island, Brazil: Paleoclimates and landscape evolution. *Catena* **195**, 104728 (2020). [doi:10.1016/j.catena.2020.104728](https://doi.org/10.1016/j.catena.2020.104728)
1847. C. Hammoud, K. Kougioumoutzis, K. F. Rijdsdijk, S. M. Simaiakis, S. J. Norder, J. Foufopoulos, E. Georgopoulou, E. E. Van Loon, Past connections with the mainland structure patterns of insular species richness in a continental-shelf archipelago (Aegean Sea, Greece). *Ecol. Evol.* **11**, 5441–5458 (2021). [doi:10.1002/ece3.7438](https://doi.org/10.1002/ece3.7438) [Medline](#)
1848. W. R. Dickinson, Paleoshoreline record of relative Holocene sea levels on Pacific islands. *Earth Sci. Rev.* **55**, 191–234 (2001). [doi:10.1016/S0012-8252\(01\)00063-0](https://doi.org/10.1016/S0012-8252(01)00063-0)
1849. J.-J. Cornée, P. Munch, M. Philippon, M. BouDagher-Fadel, F. Quillévéré, M. Melinte-Dobrinescu, E. Leveneur, A. Gay, J. Leticée, S. Meyer, “Paleogeographic reconstructions of the northern Lesser Antilles during the Neogene (24–2 Ma) - Preliminary results,” *Caribbean Science and Innovation Meeting 2019* (2019).
1850. R. Nattier, T. Robillard, L. Desutter-Grandcolas, A. Couloux, P. Grandcolas, Older than New Caledonia emergence? A molecular phylogenetic study of the eneopterine crickets (Orthoptera: Grylloidea). *J. Biogeogr.* **38**, 2195–2209 (2011). [doi:10.1111/j.1365-2699.2011.02563.x](https://doi.org/10.1111/j.1365-2699.2011.02563.x)
1851. J.-J. Cornée, P. Münch, M. Philippon, M. Boudagher-Fadel, F. Quillévéré, M. Melinte-Dobrinescu, J.-F. Lebrun, A. Gay, S. Meyer, L. Montheil, S. Lallemand, B. Marcaillou, M. Laurencin, L. Legendre, C. Garroq, M. Boucard, M.-O. Beslier, M. Laigle, L. Schenini, P.-H. Fabre, P.-O. Antoine, L. Marivaux, Lost islands in the northern Lesser Antilles: Possible milestones in the Cenozoic dispersal of terrestrial organisms between South-America and the Greater Antilles. *Earth Sci. Rev.* **217**, 103617 (2021). [doi:10.1016/j.earscirev.2021.103617](https://doi.org/10.1016/j.earscirev.2021.103617)
1852. E. Robles, P. Piper, J. Ochoa, H. Lewis, V. Paz, W. Ronquillo, Late Quaternary sea-level changes and the palaeohistory of Palawan Island, Philippines. *J. Island Coast. Archaeol.* **10**, 76–96 (2015). [doi:10.1080/15564894.2014.880758](https://doi.org/10.1080/15564894.2014.880758)
1853. J. R. Ali, Islands as biological substrates: Continental. *J. Biogeogr.* **45**, 1003–1018 (2018). [doi:10.1111/jbi.13186](https://doi.org/10.1111/jbi.13186)
1854. S. Fattorini, Influence of recent geography and paleogeography on the structure of reptile communities in a land-bridge archipelago. *J. Herpetol.* **44**, 242–252 (2010). [doi:10.1670/09-046.1](https://doi.org/10.1670/09-046.1)

1855. W. R. Dickinson, Hydro-isostatic and tectonic influences on emergent Holocene paleoshorelines in the Mariana Islands, Western Pacific Ocean. *J. Coast. Res.* **16**, 12 (2000).
1856. S. O'Connor, J. Louys, S. Kealy, S. C. Samper Carro, Hominin dispersal and settlement east of Huxley's Line: The role of sea level changes, island size, and subsistence behavior. *Curr. Anthropol.* **58**, S567–S582 (2017). [doi:10.1086/694252](https://doi.org/10.1086/694252)
1857. C. Combettes, A.-M. Sémah, D. Wirmann, High-resolution pollen record from Efate Island, central Vanuatu: Highlighting climatic and human influences on Late Holocene vegetation dynamics. *C. R. Palevol* **14**, 251–261 (2015). [doi:10.1016/j.crpv.2015.02.003](https://doi.org/10.1016/j.crpv.2015.02.003)
1858. M. Culek, Geological and morphological evolution of the Socotra archipelago (Yemen) from the biogeographical view. *J. Landsc. Ecol.* **6**, 84–108 (2013). [doi:10.2478/jlecol-2014-0005](https://doi.org/10.2478/jlecol-2014-0005)
1859. C. Hammoud, K. Kougioumoutzis, K. F. Rijdsdijk, S. Simaiakis, S. Norder, E. E. Van Loon, Extreme and short-lasting sea-level stands structure insular species diversity of a continental-shelf archipelago (Aegean Sea, Greece). *Authorea* 10.22541/au.158765865.53573134 (2020).
1860. L. Husson, F. C. Boucher, A.-C. Sarr, P. Sepulchre, S. Y. Cahyarini, Evidence of Sundaland's subsidence requires revisiting its biogeography. *J. Biogeogr.* **47**, 843–853 (2020). [doi:10.1111/jbi.13762](https://doi.org/10.1111/jbi.13762)
1861. C. Angelone, B. Moncunill-Sole, T. Kotsakis, Contribution of fossil Lagomorpha (Mammalia) to the refinement of the late Miocene–Quaternary palaeobiogeographical setting of Italy. *C. R. Palevol* **18**, 1025–1040 (2019). [doi:10.1016/j.crpv.2019.10.002](https://doi.org/10.1016/j.crpv.2019.10.002)
1862. J. R. Ali, S. B. Hedges, Colonizing the Caribbean: New geological data and an updated land-vertebrate colonization record challenge the GAARlandia land-bridge hypothesis. *J. Biogeogr.* **48**, 2699–2707 (2021). [doi:10.1111/jbi.14234](https://doi.org/10.1111/jbi.14234)
1863. A. Salces-Castellano, J. Patiño, N. Alvarez, C. Andújar, P. Arribas, J. J. Braojos-Ruiz, M. Del Arco-Aguilar, V. García-Olivares, D. N. Karger, H. López, I. Manolopoulou, P. Oromí, A. J. Pérez-Delgado, W. E. Peterman, K. F. Rijdsdijk, B. C. Emerson, Climate drives community-wide divergence within species over a limited spatial scale: Evidence from an oceanic island. *Ecol. Lett.* **23**, 305–315 (2020). [doi:10.1111/ele.13433](https://doi.org/10.1111/ele.13433) [Medline](#)
1864. J. C. Masters, F. Génin, Y. Zhang, R. Pellen, T. Huck, P. P. A. Mazza, M. Rabineau, M. Doucouré, D. Aslanian, Biogeographic mechanisms involved in the colonization of Madagascar by African vertebrates: Rifting, rafting and runways. *J. Biogeogr.* **48**, 492–510 (2021). [doi:10.1111/jbi.14032](https://doi.org/10.1111/jbi.14032)
1865. S. J. Norder, K. Proios, R. J. Whittaker, M. R. Alonso, P. A. V. Borges, M. K. Borregaard, R. H. Cowie, F. B. V. Florens, A. M. de Frias Martins, M. Ibáñez, W. D. Kissling, L. de Nascimento, R. Otto, C. E. Parent, F. Rigal, B. H. Warren, J. M. Fernández-Palacios, E. E. van Loon, K. A. Triantis, K. F. Rijdsdijk, Beyond the Last Glacial Maximum: Island endemism is best explained by long-lasting archipelago configurations. *Glob. Ecol. Biogeogr.* **28**, 184–197 (2019). [doi:10.1111/geb.12835](https://doi.org/10.1111/geb.12835)

1866. J. Eiríksson, L. A. Símonarson, “A brief résumé of the geology of Iceland” in *Pacific-Atlantic Mollusc Migration*, J. Eiríksson, L. A. Símonarson, Eds., vol. 52 of *Topics in Geobiology* (Springer, 2021), pp. 1–11.
1867. F. Antonioli, V. Lo Presti, M. Gasparo Morticelli, M. A. Mannino, K. Lambeck, L. Ferranti, L. Bonfiglio, G. Mangano, G. M. Sannino, S. Furlani, A. Sulli, M. R. Palombo, S. P. Canese, The land bridge between Europe and Sicily over the past 40 kyrs: Timing of emersion and implications for the migration of *Homo sapiens*. *Rend. Online Soc. Geol. It* **21**, 1167–1169 (2012).
1868. A. Zizka, R. E. Onstein, R. Rozzi, P. Weigelt, H. Kreft, M. J. Steinbauer, H. Bruelheide, F. Lens, The evolution of insular woodiness. *Proc. Natl. Acad. Sci. U.S.A.* **119**, e2208629119 (2022). [doi:10.1073/pnas.2208629119](https://doi.org/10.1073/pnas.2208629119) [Medline](#)
1869. J. R. Ali, S. B. Hedges, A review of geological evidence bearing on proposed Cenozoic land connections between Madagascar and Africa and its relevance to biogeography. *Earth Sci. Rev.* **232**, 104103 (2022). [doi:10.1016/j.earscirev.2022.104103](https://doi.org/10.1016/j.earscirev.2022.104103)
1870. C. Giraudi, The Upper Pleistocene to Holocene sediments on the Mediterranean island of Lampedusa (Italy). *J. Quaternary Sci.* **19**, 537–545 (2004). [doi:10.1002/jqs.853](https://doi.org/10.1002/jqs.853)
1871. A. Takahashi, K. Ōki, T. Ishido, R. Hirayama, A new species of the genus *Ocadia* (Testudines: Geoemydidae) from the middle Miocene of Tanegashima Island, southwestern Japan and its paleogeographic implications. *Zootaxa* **3647**, 527–540 (2013). [doi:10.11646/zootaxa.3647.4.3](https://doi.org/10.11646/zootaxa.3647.4.3) [Medline](#)
1872. S. D. Redwood, Late Pleistocene to Holocene sea level rise in the Gulf of Panama, Panama, and its influence on early human migration through the Isthmus. *Caribb. J. Earth Sci* **51**, 15–31 (2020).
1873. G. J. Price, J. Louys, J. T. Faith, E. Lorenzen, M. C. Westaway, Big data little help in megafauna mysteries. *Nature* **558**, 23–25 (2018). [doi:10.1038/d41586-018-05330-7](https://doi.org/10.1038/d41586-018-05330-7) [Medline](#)
1874. M. Stuiver, P. J. Reimer, Extended 14C data base and revised CALIB 3.0 14C age calibration program. *Radiocarbon* **35**, 215–230 (1993). [doi:10.1017/S0033822200013904](https://doi.org/10.1017/S0033822200013904)
1875. M. Stuiver, P. J. Reimer, R. W. Reimer, CALIB 8.2 [WWW program] (2020); <http://calib.org>.
1876. P. J. Reimer, W. E. N. Austin, E. Bard, A. Bayliss, P. G. Blackwell, C. Bronk Ramsey, M. Butzin, H. Cheng, R. L. Edwards, M. Friedrich, P. M. Grootes, T. P. Guilderson, I. Hajdas, T. J. Heaton, A. G. Hogg, K. A. Hughen, B. Kromer, S. W. Manning, R. Muscheler, J. G. Palmer, C. Pearson, J. van der Plicht, R. W. Reimer, D. A. Richards, E. M. Scott, J. R. Southon, C. S. M. Turney, L. Wacker, F. Adolphi, U. Büntgen, M. Capano, S. M. Fahrni, A. Fogtmann-Schulz, R. Friedrich, P. Köhler, S. Kudsk, F. Miyake, J. Olsen, F. Reinig, M. Sakamoto, A. Sookdeo, S. Talamo, The IntCal20 Northern Hemisphere radiocarbon age calibration curve (0–55 cal kBP). *Radiocarbon* **62**, 725–757 (2020). [doi:10.1017/RDC.2020.41](https://doi.org/10.1017/RDC.2020.41)
1877. T. J. Heaton, P. Köhler, M. Butzin, E. Bard, R. W. Reimer, W. E. Austin, C. Bronk Ramsey, P. M. Grootes, K. A. Hughen, B. Kromer, Marine20—The marine radiocarbon

- age calibration curve (0–55,000 cal BP). *Radiocarbon* **62**, 779–820 (2020).
[doi:10.1017/RDC.2020.68](https://doi.org/10.1017/RDC.2020.68)
1878. A. G. Hogg, T. J. Heaton, Q. Hua, J. G. Palmer, C. S. Turney, J. Southon, A. Bayliss, P. G. Blackwell, G. Boswijk, C. Bronk Ramsey, SHCal20 Southern Hemisphere calibration, 0–55,000 years cal BP. *Radiocarbon* **62**, 759–778 (2020). [doi:10.1017/RDC.2020.59](https://doi.org/10.1017/RDC.2020.59)
 1879. E. L. Simons, D. A. Burney, P. S. Chatrath, L. R. Godfrey, W. L. Jungers, B. Rakotosamimanana, AMS ¹⁴C dates for extinct lemurs from caves in the Ankarana Massif, northern Madagascar. *Quat. Res.* **43**, 249–254 (1995).
[doi:10.1006/qres.1995.1025](https://doi.org/10.1006/qres.1995.1025)
 1880. C. Lugliè, Your path led trough the sea... the emergence of Neolithic in Sardinia and Corsica. *Quat. Int.* **470**, 285–300 (2018). [doi:10.1016/j.quaint.2017.12.032](https://doi.org/10.1016/j.quaint.2017.12.032)
 1881. J. F. O’Connell, J. Allen, M. A. J. Williams, A. N. Williams, C. S. M. Turney, N. A. Spooner, J. Kamminga, G. Brown, A. Cooper, When did *Homo sapiens* first reach Southeast Asia and Sahul? *Proc. Natl. Acad. Sci. U.S.A.* **115**, 8482–8490 (2018).
[doi:10.1073/pnas.1808385115](https://doi.org/10.1073/pnas.1808385115) [Medline](#)
 1882. B. Erdoğu, Visualizing Neolithic landscape: The early settled communities in western Anatolia and eastern Aegean islands. *Eur. J. Archaeol.* **6**, 7–23 (2003).
[doi:10.1179/eja.2003.6.1.7](https://doi.org/10.1179/eja.2003.6.1.7)
 1883. D. Michailidis, V. Mitsopoulou, S. Roussiakis, G. Theodorou, The taphonomic study of Charkadio cave, Tilos Island. Evidence from elephant and avian remains. *Sci. Ann. Sch. Geol.* **102**, 129 (2014).
 1884. P. Bellwood, Ed., *The Spice Islands in Prehistory: Archaeology in the Northern Moluccas, Indonesia*, vol. 50 of *Terra Australis* (ANU Press, 2019).
 1885. T. Simanjuntak, F. Sémah, C. Gaillard, The palaeolithic in Indonesia: Nature and chronology. *Quat. Int.* **223–224**, 418–421 (2010). [doi:10.1016/j.quaint.2009.07.022](https://doi.org/10.1016/j.quaint.2009.07.022)
 1886. S. Benazzi, V. Slon, S. Talamo, F. Negrino, M. Peresani, S. E. Bailey, S. Sawyer, D. Panetta, G. Vicino, E. Starnini, M. A. Mannino, P. A. Salvadori, M. Meyer, S. Pääbo, J.-J. Hublin, Archaeology. The makers of the Protoaurignacian and implications for Neandertal extinction. *Science* **348**, 793–796 (2015). [doi:10.1126/science.aaa2773](https://doi.org/10.1126/science.aaa2773)
[Medline](#)
 1887. H. Hung, M. T. Carson, P. Bellwood, F. Z. Campos, P. J. Piper, E. Dizon, M. J. L. A. Bolunia, M. Oxenham, Z. Chi, The first settlement of Remote Oceania: The Philippines to the Marianas. *Antiquity* **85**, 909–926 (2011). [doi:10.1017/S0003598X00068393](https://doi.org/10.1017/S0003598X00068393)
 1888. W. Chen, “The Early Occupation of Taiwan” in *Handbook of East and Southeast Asian Archaeology*, J. Habu, P. V. Lape, J. W. Olsen, Eds. (Springer, 2017), pp. 277–291.
 1889. F. V. Seersholm, T. L. Cole, A. Greal, N. J. Rawlence, K. Greig, M. Knapp, M. Stat, A. J. Hansen, L. J. Easton, L. Shepherd, A. J. D. Tennyson, R. P. Scofield, R. Walter, M. Bunce, Subsistence practices, past biodiversity, and anthropogenic impacts revealed by New Zealand-wide ancient DNA survey. *Proc. Natl. Acad. Sci. U.S.A.* **115**, 7771–7776 (2018). [doi:10.1073/pnas.1803573115](https://doi.org/10.1073/pnas.1803573115) [Medline](#)

1890. T. F. Strasser, E. Panagopoulou, C. N. Runnels, P. M. Murray, N. Thompson, P. Karkanas, F. W. McCoy, K. W. Wegmann, Stone Age seafaring in the Mediterranean: Evidence from the Plakias region for Lower Palaeolithic and Mesolithic habitation of Crete. *Hesperia* **79**, 145–190 (2010). [doi:10.2972/hesp.79.2.145](https://doi.org/10.2972/hesp.79.2.145)
1891. A. Columbu, V. Chiarini, C. Spötl, S. Benazzi, J. Hellstrom, H. Cheng, J. De Waele, Speleothem record attests to stable environmental conditions during Neanderthal-modern human turnover in southern Italy. *Nat. Ecol. Evol.* **4**, 1188–1195 (2020). [doi:10.1038/s41559-020-1243-1](https://doi.org/10.1038/s41559-020-1243-1) [Medline](#)
1892. A. Brumm, D. Bulbeck, B. Hakim, B. Burhan, A. A. Oktaviana, I. Sumantri, J. X. Zhao, M. Aubert, R. Sardi, D. McGahan, A. M. Saiful, S. Adhityatama, Y. Kaifu, Skeletal remains of a Pleistocene modern human (*Homo sapiens*) from Sulawesi. *PLOS ONE* **16**, e0257273 (2021). [doi:10.1371/journal.pone.0257273](https://doi.org/10.1371/journal.pone.0257273) [Medline](#)
1893. C. Papoulia, Seaward dispersals to the NE Mediterranean islands in the Pleistocene. The lithic evidence in retrospect. *Quat. Int.* **431**, 64–87 (2017). [doi:10.1016/j.quaint.2016.02.019](https://doi.org/10.1016/j.quaint.2016.02.019)
1894. S. Kealy, J. Louys, S. O'Connor, Reconstructing palaeogeography and inter-island visibility in the Wallacean archipelago during the likely period of Sahul colonization, 65–45 000 years ago. *Archaeol. Prospect.* **24**, 259–272 (2017). [doi:10.1002/arp.1570](https://doi.org/10.1002/arp.1570)
1895. I. Hutton, J. P. Parkes, A. R. E. Sinclair, Reassembling island ecosystems: The case of Lord Howe Island. *Anim. Conserv.* **10**, 22–29 (2007). [doi:10.1111/j.1469-1795.2006.00077.x](https://doi.org/10.1111/j.1469-1795.2006.00077.x)
1896. F. Burjachs, R. Pérez-Obiol, L. Picornell-Gelabert, J. Revelles, G. Servera-Vives, I. Expósito, E.-I. Yll, Overview of environmental changes and human colonization in the Balearic Islands (Western Mediterranean) and their impacts on vegetation composition during the Holocene. *J. Archaeol. Sci. Rep.* **12**, 845–859 (2017). [doi:10.1016/j.jasrep.2016.09.018](https://doi.org/10.1016/j.jasrep.2016.09.018)
1897. E. Herrscher, J. N. Fenner, F. Valentin, G. Clark, C. Reepmeyer, L. Bouffandeau, G. André, Multi-isotopic analysis of first Polynesian diet (Talasieu, Tongatapu, Kingdom of Tonga). *J. Archaeol. Sci. Rep.* **18**, 308–317 (2018). [doi:10.1016/j.jasrep.2018.01.012](https://doi.org/10.1016/j.jasrep.2018.01.012)
1898. Y. Kaifu, I. Kurniawan, D. Yurnaldi, R. Setiawan, E. Setiyabudi, H. Insani, M. Takai, Y. Nishioka, A. Takahashi, F. Aziz, M. Yoneda, Modern human teeth unearthed from below the ~128,000-year-old level at Punung, Java: A case highlighting the problem of recent intrusion in cave sediments. *J. Hum. Evol.* **163**, 103122 (2022). [doi:10.1016/j.jhevol.2021.103122](https://doi.org/10.1016/j.jhevol.2021.103122) [Medline](#)
1899. J. C. Russell, C. R. Abrahão, J. C. R. Silva, R. A. Dias, Management of cats and rodents on inhabited islands: An overview and case study of Fernando de Noronha, Brazil. *Perspect. Ecol. Conserv.* **16**, 193–200 (2018). [doi:10.1016/j.pecon.2018.10.005](https://doi.org/10.1016/j.pecon.2018.10.005)
1900. A. J. Ciofalo, P. T. Sinelli, C. L. Hofman, Late precolonial culinary practices: Starch analysis on griddles from the northern Caribbean. *J. Archaeol. Method Theory* **26**, 1632–1664 (2019). [doi:10.1007/s10816-019-09421-1](https://doi.org/10.1007/s10816-019-09421-1)
1901. D. Ratti, Lampedusa: Possibile area di culto preistorica sommersa. *Quad. Dell'associazione Cult. Arch. Stor. Lampedusa* **6**, 1–26 (2016).

1902. L. Borrelli, La preistoria dell'isola di Capri nei reperti del Museo di Antropologia, Centro Musei delle Scienze Naturali e Fisiche (2014); https://web.archive.org/web/20141016152747/http://www.musei.unina.it/h_capri.php).
1903. S. Kealy, J. Louys, S. O'Connor, Islands under the sea: A review of early modern human dispersal routes and migration hypotheses through Wallacea. *J. Island Coast. Archaeol.* **11**, 364–384 (2016). [doi:10.1080/15564894.2015.1119218](https://doi.org/10.1080/15564894.2015.1119218)
1904. M. Patton, *Islands in Time: Island Sociogeography and Mediterranean Prehistory* (Routledge, 2013).
1905. B. Cousin, S. Chauvin, Islanders, immigrants and millionaires: The dynamics of upper-class segregation in St Barts, French West Indies. *Geogr. Super-Rich* 186–200 (2013). [doi:10.4337/9780857935694.00019](https://doi.org/10.4337/9780857935694.00019)
1906. R. Ono, A. Pawlik, R. Fuentes, “Island migration, resource use, and lithic technology by anatomically modern humans in Wallacea” in *Pleistocene Archaeology-Migration, Technology, and Adaptation* (IntechOpen, 2020).
1907. R. Premathilake, Human used upper montane ecosystem in the Horton Plains, central Sri Lanka—a link to Lateglacial and early Holocene climate and environmental changes. *Quat. Sci. Rev.* **50**, 23–42 (2012). [doi:10.1016/j.quascirev.2012.07.002](https://doi.org/10.1016/j.quascirev.2012.07.002)
1908. D. A. Sear, M. S. Allen, J. D. Hassall, A. E. Maloney, P. G. Langdon, A. E. Morrison, A. C. G. Henderson, H. Mackay, I. W. Croudace, C. Clarke, J. P. Sachs, G. Macdonald, R. C. Chiverrell, M. J. Leng, L. M. Cisneros-Dozal, T. Fonville, E. Pearson, Human settlement of East Polynesia earlier, incremental, and coincident with prolonged South Pacific drought. *Proc. Natl. Acad. Sci. U.S.A.* **117**, 8813–8819 (2020). [doi:10.1073/pnas.1920975117](https://doi.org/10.1073/pnas.1920975117) [Medline](#)
1909. L. de Nascimento, S. Nogué, A. Naranjo-Cigala, C. Criado, M. McGlone, E. Fernández-Palacios, J. M. Fernández-Palacios, Human impact and ecological changes during prehistoric settlement on the Canary Islands. *Quat. Sci. Rev.* **239**, 106332 (2020). [doi:10.1016/j.quascirev.2020.106332](https://doi.org/10.1016/j.quascirev.2020.106332)
1910. H. Takamiya, C. Katagiri, S. Yamasaki, M. Fujita, Human colonization of the central Ryukyus (Amami and Okinawa archipelagos), Japan. *J. Island Coast. Archaeol.* **14**, 375–393 (2019). [doi:10.1080/15564894.2018.1501443](https://doi.org/10.1080/15564894.2018.1501443)
1911. P. L. Fall, P. J. van Hengstum, L. Lavold-Foote, J. P. Donnelly, N. A. Albury, A. E. Tamalavage, Human arrival and landscape dynamics in the northern Bahamas. *Proc. Natl. Acad. Sci. U.S.A.* **118**, e2015764118 (2021). [doi:10.1073/pnas.2015764118](https://doi.org/10.1073/pnas.2015764118) [Medline](#)
1912. M. M. E. Schmid, A. J. Dugmore, L. Foresta, A. J. Newton, O. Vésteinsson, R. Wood, How ^{14}C dates on wood charcoal increase precision when dating colonization: The examples of Iceland and Polynesia. *Quat. Geochronol.* **48**, 64–71 (2018). [doi:10.1016/j.quageo.2018.07.015](https://doi.org/10.1016/j.quageo.2018.07.015)
1913. French School at Athens, Guide de Délos (2018), (available at <https://www.efa.gr/en/recherche/sites-de-fouilles/cyclades/delos/delos-histoire-de-delos>).
1914. Y. Combeau, From Bourbon to Reunion: The history of an island (seventeenth–twentieth century). *Hermes Rev.* **3233**, 91–99 (2002).

1915. A. Nappi, C. Cattaneo, M. Grano, First records of *Crocidura suaveolens* (Mammalia, Soricomorpha, Soricidae) on Karpathos and Saria islands (Dodecanese, Greece). *Parnass. Arch.* **8**, 113–117 (2020).
1916. K. Morisaki, K. Sano, M. Izuho, Early upper paleolithic blade technology in the Japanese archipelago. *Archaeol. Res. Asia* **17**, 79–97 (2019). [doi:10.1016/j.ara.2018.03.001](https://doi.org/10.1016/j.ara.2018.03.001)
1917. A. Vlachopoulos, A. Angelopoulou, “Early cycladic figurines from Vathy, Astypalaia” in *Beyond the Cyclades: Early Cycladic Sculpture in Context from Mainland Greece, the North and East Aegean*, M. Marthari, C. Renfrew, M. J. Boyd, Eds. (Oxbow Books, 2019), pp. 202–226.
1918. T. Carter, D. A. Contreras, J. Holcomb, D. D. Mihailović, P. Karkanas, G. Guérin, N. Taffin, D. Athanasoulis, C. Lahaye, Earliest occupation of the Central Aegean (Naxos), Greece: Implications for hominin and *Homo sapiens*' behavior and dispersals. *Sci. Adv.* **5**, eaax0997 (2019). [doi:10.1126/sciadv.aax0997](https://doi.org/10.1126/sciadv.aax0997) [Medline](#)
19119. A. J. Ciofalo, W. F. Keegan, M. P. Pateman, J. R. Pagán-Jiménez, C. L. Hofman, Determining precolonial botanical foodways: Starch recovery and analysis, Long Island, The Bahamas. *J. Archaeol. Sci. Rep.* **21**, 305–317 (2018). [doi:10.1016/j.jasrep.2018.07.022](https://doi.org/10.1016/j.jasrep.2018.07.022)
1920. M. Prebble, J. M. Wilmshurst, Detecting the initial impact of humans and introduced species on island environments in Remote Oceania using palaeoecology. *Biol. Invasions* **11**, 1529–1556 (2009). [doi:10.1007/s10530-008-9405-0](https://doi.org/10.1007/s10530-008-9405-0)
1921. J. Corny, M. Galland, M. Arzarello, A.-M. Bacon, F. Demeter, D. Grimaud-Hervé, C. Higham, H. Matsumura, L. C. Nguyen, T. K. T. Nguyen, V. Nguyen, M. Oxenham, T. Sayavongkhamdy, F. Sémah, L. L. Shackelford, F. Détroit, Dental phenotypic shape variation supports a multiple dispersal model for anatomically modern humans in Southeast Asia. *J. Hum. Evol.* **112**, 41–56 (2017). [doi:10.1016/j.jhevol.2017.08.017](https://doi.org/10.1016/j.jhevol.2017.08.017) [Medline](#)
1922. A. M. Mychajliw, T. C. Rick, N. D. Dagtas, J. M. Erlandson, B. J. Culleton, D. J. Kennett, M. Buckley, C. A. Hofman, Biogeographic problem-solving reveals the Late Pleistocene translocation of a short-faced bear to the California Channel Islands. *Sci. Rep.* **10**, 15172 (2020). [doi:10.1038/s41598-020-71572-z](https://doi.org/10.1038/s41598-020-71572-z) [Medline](#)
1923. A. V. Stokes, W. F. Keegan, A reconnaissance for prehistoric archaeological sites on Grand Cayman. *Caribb. J. Sci.* **32**, 425–430 (1996).
1924. H. Li, A. Sinha, A. Anquetil André, C. Spötl, H. B. Vonhof, A. Meunier, G. Kathayat, P. Duan, N. R. G. Voarintsoa, Y. Ning, J. Biswas, P. Hu, X. Li, L. Sha, J. Zhao, R. L. Edwards, H. Cheng, A multimillennial climatic context for the megafaunal extinctions in Madagascar and Mascarene Islands. *Sci. Adv.* **6**, eabb2459 (2020). [doi:10.1126/sciadv.abb2459](https://doi.org/10.1126/sciadv.abb2459) [Medline](#)
1925. C. Buzi, F. Di Vincenzo, A. Profico, G. Manzi, The Pre-modern human fossil record in Italy from the Middle to the Late Pleistocene: An updated reappraisal. *Alp. Mediterr. Quat.* **34**, 17–32 (2021).
1926. L. Husson, T. Salles, A.-E. Lebatard, S. Zerate, R. Braucher, S. Noerwidi, S. Aribowo, C. Mallard, J. Carcaillet, D. H. Natawidjaja, Javanese *Homo erectus* on the move in SE Asia

- ca. 1.8 Ma. Research Square [Preprint] (2022). <https://doi.org/10.21203/rs.3.rs-1818726/v1>.
1927. H. Takamiya, Nissology, island archaeology, and the archaeology of Ryukyus. *South Pac. Stud.* **42**, 49–72 (2022).
 1928. L. C. Soul, M. Friedman, Taxonomy and phylogeny can yield comparable results in comparative paleontological analyses. *Syst. Biol.* **64**, 608–620 (2015). [doi:10.1093/sysbio/syv015](https://doi.org/10.1093/sysbio/syv015) [Medline](#)
 1929. F. Hartig, DHARMA: Residual Diagnostics for Hierarchical (Multi-Level/Mixed) Regression Models, R package version 0.4.5 (2022); <https://CRAN.R-project.org/package=DHARMA>.
 1930. S. Nakagawa, H. Schielzeth, A general and simple method for obtaining R^2 from generalized linear mixed-effects models. *Methods Ecol. Evol.* **4**, 133–142 (2013). [doi:10.1111/j.2041-210x.2012.00261.x](https://doi.org/10.1111/j.2041-210x.2012.00261.x)
 1931. C. G. Thompson, R. S. Kim, A. M. Aloe, B. J. Becker, Extracting the variance inflation factor and other multicollinearity diagnostics from typical regression results. *Basic Appl. Soc. Psych.* **39**, 81–90 (2017). [doi:10.1080/01973533.2016.1277529](https://doi.org/10.1080/01973533.2016.1277529)
 1932. T. W. Arnold, Uninformative parameters and model selection using Akaike’s Information Criterion. *J. Wildl. Manage.* **74**, 1175–1178 (2010). [doi:10.1111/j.1937-2817.2010.tb01236.x](https://doi.org/10.1111/j.1937-2817.2010.tb01236.x)
 1933. X. A. Harrison, L. Donaldson, M. E. Correa-Cano, J. Evans, D. N. Fisher, C. E. D. Goodwin, B. S. Robinson, D. J. Hodgson, R. Inger, A brief introduction to mixed effects modelling and multi-model inference in ecology. *PeerJ* **6**, e4794 (2018). [doi:10.7717/peerj.4794](https://doi.org/10.7717/peerj.4794) [Medline](#)
 1934. H. Akaike, “Factor analysis and AIC” in *Selected Papers of Hirotugu Akaike* (Springer, 1987), pp. 371–386.
 1935. A. R. Ives, T. Garland Jr., Phylogenetic logistic regression for binary dependent variables. *Syst. Biol.* **59**, 9–26 (2010). [doi:10.1093/sysbio/syp074](https://doi.org/10.1093/sysbio/syp074) [Medline](#)
 1940. A. R. Ives, T. Garland, “Phylogenetic regression for binary dependent variables” in *Modern Phylogenetic Comparative Methods and Their Application in Evolutionary Biology*, L. Z. Garamszegi, Ed. (Springer Berlin Heidelberg, 2014), pp. 231–261.
 1937. A. R. Ives, R^2 s for correlated data: Phylogenetic models, LMMs, and GLMMs. *Syst. Biol.* **68**, 234–251 (2019). [doi:10.1093/sysbio/syy060](https://doi.org/10.1093/sysbio/syy060) [Medline](#)
 1938. J. Chang, D. L. Rabosky, M. E. Alfaro, Estimating diversification rates on incompletely sampled phylogenies: Theoretical concerns and practical solutions. *Syst. Biol.* **69**, 602–611 (2020). [doi:10.1093/sysbio/syz081](https://doi.org/10.1093/sysbio/syz081) [Medline](#)
 1939. G. B. Paterno, C. Penone, G. D. A. Werner, SENSIPHY: An R -package for sensitivity analysis in phylogenetic comparative methods. *Methods Ecol. Evol.* **9**, 1461–1467 (2018). [doi:10.1111/2041-210X.12990](https://doi.org/10.1111/2041-210X.12990)

1940. M. J. Munstermann, N. A. Heim, D. J. McCauley, J. L. Payne, N. S. Upham, S. C. Wang, M. L. Knope, A global ecological signal of extinction risk in terrestrial vertebrates. *Conserv. Biol.* **36**, e13852 (2022). [doi:10.1111/cobi.13852](https://doi.org/10.1111/cobi.13852) [Medline](#)
1941. S. P. Blomberg, T. Garland Jr., A. R. Ives, Testing for phylogenetic signal in comparative data: Behavioral traits are more labile. *Evolution* **57**, 717–745 (2003). [Medline](#)
1942. M. Pagel, Inferring the historical patterns of biological evolution. *Nature* **401**, 877–884 (1999). [doi:10.1038/44766](https://doi.org/10.1038/44766) [Medline](#)
1943. S. A. Fritz, A. Purvis, Selectivity in mammalian extinction risk and threat types: A new measure of phylogenetic signal strength in binary traits. *Conserv. Biol.* **24**, 1042–1051 (2010). [doi:10.1111/j.1523-1739.2010.01455.x](https://doi.org/10.1111/j.1523-1739.2010.01455.x) [Medline](#)
1944. R. Molina-Venegas, J. C. Moreno-Saiz, I. Castro Parga, T. J. Davies, P. R. Peres-Neto, M. Á. Rodríguez, Assessing among-lineage variability in phylogenetic imputation of functional trait datasets. *Ecography* **41**, 1740–1749 (2018). [doi:10.1111/ecog.03480](https://doi.org/10.1111/ecog.03480)
1945. D. Silvestro, N. Salamin, J. Schnitzler, PyRate: A new program to estimate speciation and extinction rates from incomplete fossil data. *Methods Ecol. Evol.* **5**, 1126–1131 (2014). [doi:10.1111/2041-210X.12263](https://doi.org/10.1111/2041-210X.12263)
1946. D. Silvestro, N. Salamin, A. Antonelli, X. Meyer, Improved estimation of macroevolutionary rates from fossil data using a Bayesian framework. *Paleobiology* **45**, 546–570 (2019). [doi:10.1017/pab.2019.23](https://doi.org/10.1017/pab.2019.23)
1947. D. Silvestro, J. Schnitzler, L. H. Liow, A. Antonelli, N. Salamin, Bayesian estimation of speciation and extinction from incomplete fossil occurrence data. *Syst. Biol.* **63**, 349–367 (2014). [doi:10.1093/sysbio/syu006](https://doi.org/10.1093/sysbio/syu006) [Medline](#)
1948. R. Spake, M. P. Barajas-Barbosa, S. A. Blowes, D. E. Bowler, C. T. Callaghan, M. Garbowski, S. D. Jurburg, R. van Klink, L. Korell, E. Ladouceur, R. Rozzi, D. S. Viana, W.-B. Xu, J. M. Chase, Detecting thresholds of ecological change in the Anthropocene. *Annu. Rev. Environ. Resour.* **47**, 797–821 (2022). [doi:10.1146/annurev-environ-112420-015910](https://doi.org/10.1146/annurev-environ-112420-015910)
1949. A. Rambaut, A. J. Drummond, D. Xie, G. Baele, M. A. Suchard, Posterior summarization in Bayesian phylogenetics using Tracer 1.7. *Syst. Biol.* **67**, 901–904 (2018). [doi:10.1093/sysbio/syy032](https://doi.org/10.1093/sysbio/syy032) [Medline](#)
1950. C. Pimiento, C. D. Bacon, D. Silvestro, A. Hendy, C. Jaramillo, A. Zizka, X. Meyer, A. Antonelli, Selective extinction against redundant species buffers functional diversity. *Proc. R. Soc. London Ser. B* **287**, 20201162 (2020). [doi:10.1098/rspb.2020.1162](https://doi.org/10.1098/rspb.2020.1162) [Medline](#)
1951. D. Makowski, M. S. Ben-Shachar, S. H. A. Chen, D. Lüdtke, Indices of effect existence and significance in the Bayesian framework. *Front. Psychol.* **10**, 2767 (2019). [doi:10.3389/fpsyg.2019.02767](https://doi.org/10.3389/fpsyg.2019.02767) [Medline](#)
1952. R. G. Van, F. Drake, Python 3 reference manual. *Scotts Val. CA Creat.* **10**, 1593511 (2009).
1953. R. C. Team, R: A language and environment for statistical computing (2013).

1954. E. Paradis, K. Schliep, ape 5.0: An environment for modern phylogenetics and evolutionary analyses in R. *Bioinformatics* **35**, 526–528 (2019). [doi:10.1093/bioinformatics/bty633](https://doi.org/10.1093/bioinformatics/bty633) [Medline](#)
1955. J. Gabry, D. Simpson, A. Vehtari, M. Betancourt, A. Gelman, Visualization in Bayesian workflow. *J. R. Stat. Soc. Ser. A Stat. Soc.* **182**, 389–402 (2019). [doi:10.1111/rssa.12378](https://doi.org/10.1111/rssa.12378)
1956. J. Gabry, T. Mahr, bayesplot: Plotting for Bayesian Models, R package version 1.9.0 (2022); <https://mc-stan.org/bayesplot>.
1957. S. Urbanek, J. Horner, Cairo: R Graphics Device using Cairo Graphics Library for Creating High-Quality Bitmap (PNG, JPEG, TIFF), Vector (PDF, SVG, PostScript) and Display (X11 and Win32) Output, R package version 1.5-15 (2022); <https://CRAN.R-project.org/package=Cairo>.
1958. D. Orme, R. Freckleton, G. Thomas, T. Petzoldt, F. Susanne, N. Isaac, W. Pearse, caper: Comparative Analyses of Phylogenetics and Evolution in R, R package version 1.0.1 (2018); <https://CRAN.R-project.org/package=caper>.
1959. J. Fox, S. Weisberg, *An R companion to Applied Regression* (Sage, 2019).
1960. J. Fox, S. Weisberg, B. Price, carData: Companion to Applied Regression Data Sets, R package version 3.0-5 (2022); <https://CRAN.R-project.org/package=carData>.
1961. H. Wickham, R. François, L. Henry, K. Müller, dplyr: A Grammar of Data Manipulation, R package version 1.0.8 (2022); <https://CRAN.R-project.org/package=dplyr>.
1962. W. Chang, extrafont: Tools for using fonts, R package version 0.17 (2014); <https://CRAN.R-project.org/package=extrafont>.
1963. H. Wickham, forcats: Tools for Working with Categorical Variables (Factors), R package version 0.5.2 (2022); <https://CRAN.R-project.org/package=forcats>.
1964. D. Lüdtke, ggeffects: Tidy data frames of marginal effects from regression models. *J. Open Source Softw.* **3**, 772 (2018). [doi:10.21105/joss.00772](https://doi.org/10.21105/joss.00772)
1965. H. Wickham, ggplot2: *Elegant Graphics for Data Analysis* (Springer, 2016).
1966. A. Kassambara, ggpubr: “ggplot2” Based Publication Ready Plots, R package version 0.4.0 (2020); <https://CRAN.R-project.org/package=ggpubr>.
1967. G. Yu, Using ggtree to visualize data on tree-like structures. *Curr. Protoc. Bioinformatics* **69**, e96 (2020). [doi:10.1002/cpbi.96](https://doi.org/10.1002/cpbi.96) [Medline](#)
1968. G. Yu, T. T.-Y. Lam, H. Zhu, Y. Guan, Two methods for mapping and visualizing associated data on phylogeny using ggtree. *Mol. Biol. Evol.* **35**, 3041–3043 (2018). [doi:10.1093/molbev/msy194](https://doi.org/10.1093/molbev/msy194) [Medline](#)
1969. G. Yu, D. K. Smith, H. Zhu, Y. Guan, T. T.-Y. Lam, ggtree: An r package for visualization and annotation of phylogenetic trees with their covariates and other associated data. *Methods Ecol. Evol.* **8**, 28–36 (2017). [doi:10.1111/2041-210X.12628](https://doi.org/10.1111/2041-210X.12628)
1970. B. Auguie, gridExtra: Miscellaneous Functions for “Grid” Graphics, R package version 2.3 (2017); <https://CRAN.R-project.org/package=gridExtra>.

1971. R. Iannone, J. Cheng, B. Schloerke, gt: Easily Create Presentation-Ready Display Tables, R package version 0.4.0 (2022); <https://CRAN.R-project.org/package=gt>.
1972. T. Cashion, IUCNpalette: Make your plots with the official colours used by the IUCN according to their style guide, R package version 0.1.0 (2019); <https://github.com/timcashion/IUCNpalette>.
1973. D. Bates, M. Mächler, B. Bolker, S. Walker, Fitting linear mixed-effects models using lme4. *J. Stat. Softw.* **67**, 1–48 (2015). [doi:10.18637/jss.v067.i01](https://doi.org/10.18637/jss.v067.i01)
1974. R. A. Becker, A. R. Wilks, R. Brownrigg, T. P. Minka, A. Deckmyn, maps: Draw Geographical Maps, R package version 3.4.0 (2021); <https://CRAN.R-project.org/package=maps>.
1975. W. N. Venables, B. D. Ripley, *Modern Applied Statistics with S-PLUS* (Springer Science & Business Media, 2013).
1976. D. Bates, M. Mächler, Matrix: Sparse and Dense Matrix Classes and Methods, R package version 1.3-4 (2021); <https://CRAN.R-project.org/package=Matrix>.
1977. A. Genz, F. Bretz, T. Miwa, X. Mi, F. Leisch, F. Scheipl, T. Hothorn, mvtnorm: Multivariate Normal and t Distributions, R package version 1.1-3 (2021); <http://CRAN.R-project.org/package=mvtnorm>.
1978. A. Genz, F. Bretz, *Computation of Multivariate Normal and t Probabilities*, vol. 195 of *Lecture Notes in Statistics* (Springer Science & Business Media, 2009).
1979. L. s. Ho, C. Ané, A linear-time algorithm for Gaussian and non-Gaussian trait evolution models. *Syst. Biol.* **63**, 397–408 (2014). [doi:10.1093/sysbio/syu005](https://doi.org/10.1093/sysbio/syu005) [Medline](#)
1980. L. J. Revell, phytools: An R package for phylogenetic comparative biology (and other things). *Methods Ecol. Evol.* **3**, 217–223 (2012). [doi:10.1111/j.2041-210X.2011.00169.x](https://doi.org/10.1111/j.2041-210X.2011.00169.x)
1981. E. Neuwirth, RColorBrewer: ColorBrewer Palettes, R package version 1.1-3 (2022); <https://CRAN.R-project.org/package=RColorBrewer>.
1982. A. South, rnaturalearth: World Map Data from Natural Earth, R package version 0.1.0 (2017); <https://CRAN.R-project.org/package=rnaturalearth>.
1983. A. South, rnaturalearthdata: World Vector Map Data from Natural Earth Used in “rnaturalearth,” R package version 0.1.0 (2017); <https://CRAN.R-project.org/package=rnaturalearthdata>.
1984. A. R. Ives, D. Li, rr2: An R package to calculate R^2 s for regression models. *J. Open Source Softw.* **3**, 1028 (2018). [doi:10.21105/joss.01028](https://doi.org/10.21105/joss.01028)
1985. E. Pebesma, Simple features for R: Standardized support for spatial vector data. *R J.* **10**, 439–446 (2018). [doi:10.32614/RJ-2018-009](https://doi.org/10.32614/RJ-2018-009)
1986. D. Lüdtke, sjPlot: Data Visualization for Statistics in Social Science, R package version 2.8.10 (2021); <https://CRAN.R-project.org/package=sjPlot>.
1987. H. Wickham, M. Girlich, tidyr: Tidy Messy Data, R package version 1.2.0 (2022); <https://CRAN.R-project.org/package=tidyr>.

1988. P. Breheny, W. Burchett, Visualization of regression models using visreg. *R J.* **9**, 56 (2017). [doi:10.32614/RJ-2017-046](https://doi.org/10.32614/RJ-2017-046)
1989. D. W. Krause, S. Hoffmann, Y. Hu, J. R. Wible, G. W. Rougier, E. C. Kirk, J. R. Groenke, R. R. Rogers, J. B. Rossie, J. A. Schultz, A. R. Evans, W. von Koenigswald, L. J. Rahantarisoa, Skeleton of a Cretaceous mammal from Madagascar reflects long-term insularity. *Nature* **581**, 421–427 (2020). [doi:10.1038/s41586-020-2234-8](https://doi.org/10.1038/s41586-020-2234-8) [Medline](#)
1990. Z. Csiki-Sava, M. Vremir, J. Meng, S. L. Brusatte, M. A. Norell, Dome-headed, small-brained island mammal from the Late Cretaceous of Romania. *Proc. Natl. Acad. Sci. U.S.A.* **115**, 4857–4862 (2018). [doi:10.1073/pnas.1801143115](https://doi.org/10.1073/pnas.1801143115) [Medline](#)
1991. R. Rozzi, Data for ‘Dwarfism and gigantism drive human-mediated extinctions on islands,’ version 2, Figshare (2023); <https://doi.org/10.6084/m9.figshare.c.6444335.v2>.