

INDEX OF NEW NAMES OF SYNTAXA PUBLISHED IN 1994

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Abstract: The present work collects the new names of syntaxa (in the sense of the Code of phytosociological nomenclature, BARKMAN et al. 1986) above subassociation rank found in the literature received by the Library of the Conservatoire Botanique in Geneva. For the year 1994 851 names were listed corresponding to 34 classes, 55 orders, 2 suborders, 128 alliances, 29 suballiances, and 603 associations. For each of them, an assessment of its validity is given relating to the Code of Phytosociological Nomenclature. 72 names are given to add to the Indices 1991, 1992, 1993 (THEURILLAT & MORAVEC 1994, 1995, 1996).

Pursuing our work started in 1987 (THEURILLAT & MORAVEC 1990) on indexing new names of syntaxa published yearly, we present below the “Index 1994”, containing 851 names of syntaxa higher than the subassociation rank (sensu BARKMAN et al. 1986). Furthermore, one will find in the addendum 33 names to the Index 1991 (THEURILLAT & MORAVEC 1994), 18 to the “Index 1992” (THEURILLAT & MORAVEC 1995) and 21 names to the “Index 1993” (THEURILLAT & MORAVEC 1996). These names were compiled mainly following consultation of the literature at the library of the Conservatoire et Jardin botaniques of the city of Geneva.

The “Index” follows the same principles as the “Index 1987”, “Index 1989” and “Index 1992” (THEURILLAT & MORAVEC 1990, 1992, 1995) to which reference will be made. As previously, the classes are listed in alphabetical order and, in each class, syntaxa (order, alliance, association) are listed in the same way, the communities of algae, lichens and bryophytes being separated from the communities of vascular plants. The symbols (●, ○, *, Δ) preceding the names indicate the nomenclatural validity. Validly published names are preceded by ●, and invalidly published or illegitimate ones by ○. The asterisk (*) indicates superfluous names and doubtful cases requiring further bibliographical or nomenclatural investigations. For the latter, the main reasons are given. The category of “unchecked names” (Δ), introduced in the “Index 1993”, includes for verification those names whose validity could not be readily verified because the required bibliographical references were not available to the authors. In this way they are removed from the category of doubtful names in which they were previously included.

The geographical location of associations (and in some cases of syntaxa of higher ranks) whenever this information was directly and clearly available, is placed at the end of the entry. Location is given according to the principles of the system of the “World geographical scheme for recording plant distributions” (HOLLIS & BRUMMITT 1992, see THEURILLAT & MORAVEC

1995). As a matter of simplification and clarity, the only abbreviations used are the two-letter International Standards Organisation codes (ISO Standard 3166), which often differ from postal codes or number plates. The locations which do not follow the "Scheme" are cited between quotation marks (e.g. "Alps"). As a rule, nomenclature of locations follows "The Times Atlas".

The classes are retained independently of their nomenclatural validity. Quotation marks indicate that the name of the class used is, very likely, invalidly published (e.g. "*Xanthostemo-Podocarpetea novae-cadeloniae*", "*Abrotanello-Azorelletea selaginis*", "*Acacio-Styphelieta cymbulae*", "*Aglaiio-Cupaniopsietea glomeriflorae*", "*Avicennio-Salicornietea australis*", etc.). In cases where syntaxonomic knowledge does not allow attachment of a name to a class, the highest syntaxonomical rank known is retained, i.e. for the communities of vascular plants *Diheteropogono amplexentis-Schizachyrion sanguinei*, *Loudetio simplicis-Schizachyrieta sanguinei*, *Lupino-Calamagrostion toluensis*, *Protosparago africana-Acacion karroo*, *Rhoo leptodictyo-Acacion caffrae*, *Trachypogono spicati-Diheteropogonion amplexentis*.

The 851 names published in 1994 are divided into 127 classes and 8 other ranks, and include the two groups *Incertae sedis*. These 851 new names correspond to 34 classes, 55 orders, 2 suborders, 128 alliances, 29 suballiances, and 603 associations. There are 23 classes containing 10 or more names, including altogether 360 names (42%), among them *Asteretea tripolii* with 32 names, *Festuco-Brometea* with 29, *Potametea* with 33, *Quercu-Fagetea* with 21. Under the headings *Incertae sedis* 92 names (11%) are listed.

Regarding previous "Indices", we would like to point out to the authors the high percentage of invalid or illegitimate names, i.e. 440 (48%) for the "Index 1994" with the additions. Although provisional names (art. 3b), the application of which is usual in cases where the syntaxon in question is not sufficiently known, correspond to more than the half of the invalid and illegitimate names, we would again ask all authors to conform more closely to the Code of phytosociological nomenclature (BARKMAN et al. 1986). This situation is also of concern because of the very high percentage of invalid names of higher ranks: 31 classes out of 34, 48 orders out of 55, and 92 alliances out of 128 were invalidly published in 1994. Invalid and illegitimate names are counter-productive in phytosociological literature. Therefore, we would also ask the editors of phytosociological publications to pay more attention to the nomenclatural aspects of the articles they publish. In our opinion, conformity with the Code is as important as the quality of the data or of their analysis.

Names corrected according to art. 42 (*nomina inversa*) or art. 45 (*nomina mutata*), when published by individual authors, are considered illegitimate (i.e. not published in accordance with the Code). In such cases we would like to invite the authors to propose the correction of the names, giving reasons, to the Nomenclatural Commission (addressed to the Secretary). For the acceptance of a *nomen inversum* the dominance of the name-giving species in the original diagnosis is decisive. For the acceptance of a *nomen mutatum* it must be proved that the name of the name-giving species has not been used in the taxonomic literature for at least 20 years as the correct name. The same is true for proposals of *nomina ambigua* according to art. 36. In the meantime, proposals of inversion or mutation can be used only when they are indicated specifically as such (e.g. *nom. invers. propos.*, *nom. mut. propos.*; see THEURILLAT 1997).

For the 440 invalid or illegitimate names of the "Index 1994" (additions included), the causes of invalidity are (1) provisional names (art. 3b) (256 names i.e. 58% of all the cases),

(2) no type given to the name (art. 5) (85 names i.e. 19%), (3) inadequacy in the original diagnosis or a lack of bibliographical reference to a sufficient diagnosis (art. 2b, 8) (57 names i.e. 13%), (4) the taxon's name forming the syntaxon's names is unclear (art. 3g) or the name-giving taxon is absent from the diagnosis (art. 3f) (17 names, i.e. 4%), (5) the indicated rank does not correspond to ranks of the Code (art. 3d), (13 names, i.e. 3%), (6) non conformity to the form of the name (art. 3h, 14) (3 names, i.e. 1%). The causes of illegitimacy (9 names i.e. 2% of all cases) relate to corrections of the names (art. 30) (1 name), to homonymy (art. 31) (2 names), to nomina inversa (art. 42) (2 names), and to nomina mutata (art. 45) (4 names).

In addition to the 440 invalid or illegitimate names, there are 10 doubtful names (*), of which 7 are superfluous names resulting from unnecessary corrections of names (art. 29), and 21 unchecked names (Δ).

In order to draw up as complete a list as possible in the future, the authors welcome receipt of missing elements in the form of offprints. Any comments regarding nomenclature would also be appreciated.

INDEX 1994

Communities of cryptogams

Barbuletea unguiculatae

Δ *Gymnostomo viriduli-Southbyetum nigrellae* GUERRA et GIL in RÍOS et GUERRA 1987 corr. MOYA, RÍOS et GUERRA 1994 (: 47)

● *Tortuletum parnassicae* FREY et KÜRSCHNER 1994 ass. nov. (: 369) [JO]

Cystoseiretea

Δ *Cladophoro-Rhytiphloetum tinctoriae* GIACCONE in GIACCONE, ALONGI, PIZZUTO et COSSU 1994 [1995?] ass. nov. (: 137) [IT]

Δ *Cystoseiretum sauvageauanae* GIACCONE in GIACCONE, ALONGI, PIZZUTO et COSSU 1994 [1995?] ass. nov. (: 124) [IT]

Grimmietea anodontis

● *Grimmietum teretinervis* VADAM 1994 ass. nov. (: 157) [FR]

● *Tortuletum caninervis* FREY et KÜRSCHNER 1994 ass. nov. (: 375) [JO]

Rhizocarpetea geographici

● *Lecanoro sulphurellae-Ramalinetum clementeanae* EGEA et LLIMONA 1994 ass. nov. (: 275) [ES]

Tortulo-Homalothecietea sericei

○ *Homalothecio sericei-Leptodontetum smithii* MOYA, RÍOS et GUERRA 1994 ass. nov., nom. inval. (: 49) [art. 5] [ES]

"*Xanthostemo-Podocarpetea novae-caledoniae*"

○ *Xanthostemo-Podocarpetea novae-caledoniae* HOFF 1994 cl. nov., nom. prov. (: 682) [art. 3b] [NC]

○ *Xanthostemo-Podocarpetalia novae-caledoniae* HOFF 1994 ord. nov., nom. prov. (: 682) [art. 3b] [NC]

○ *Xanthostemo-Podocarpion novae-caledoniae* HOFF 1994 all. nov., nom. prov. (: 682) [art. 3b] [NC]

○ *Caryophyllo-Syzygietum ngoyensis* HOFF 1994 ass. nov., nom. prov. (: 682) [art. 3b] [NC]

Incertae sedis

● *Ramonio subsphaeroidis-Striguletum mediterraneae* BRICAUD et ROUX 1994 ass. nov. (: 118, 126) [FR]

● *Striguletum affinis* BRICAUD et ROUX 1994 ass. nov. (: 129, 130) [FR]

Communities of vascular plants*"Abrotanello-Azorelletea selaginis"*

- *Abrotanello-Azorelletea selaginis* PISANO 1994 cl. nov., nom. prov. (: 12, 18) [art. 3b] [CL, Chile South]
- *Abrotanello-Bolacetalia gummiferae* PISANO 1994 ord. nov., nom. prov. (: 12, 18) [art. 3b] [CL, Chile South]
- *Caltho-Abrotanelletalia* PISANO 1994 ord. nov., nom. prov. (: 12, 19) [art. 3b] [CL, Chile South]
- *Abrotanello-Bolacion gummiferae* PISANO 1994 all. nov., nom. prov. (: 12) [art. 3b] [CL, Chile South]
- *Caltho-Abrotanellion* PISANO 1994 all. nov., nom. prov. (: 12) [art. 3b] [CL, Chile South]
- *Empetro-Pernettyion* PISANO 1994 all. nov., nom. prov. (: 12) [art. 3b] [CL, Chile South]
- *Caltho-Abrotanellum* PISANO 1994 ass. nov., nom. prov. (: 12) [art. 3b] [CL, Chile South]
- *Empetro-Azorelletum lycopodioidis* PISANO 1994 ass. nov., nom. prov. (: 12, 18) [art. 3b] [CL, Chile South]
- *Festuco-Bolacetum gummiferae* PISANO 1994 ass. nov., nom. prov. (: 12, 18) [art. 3b] [CL, Chile South]
- *Usneo-Polystichetum andinae* PISANO 1994 ass. nov., nom. prov. (: 12, 19) [art. 3b] [CL, Chile South]

"Acacio-Styphelieta cymbulae"

- *Acacio-Styphelieta cymbulae* HOFF 1994 cl. nov., nom. prov. (: 681) [art. 3b] [NC]
- *Acacio-Styphelieta cymbulae* HOFF 1994 ord. nov., nom. prov. (: 681) [art. 3b] [NC]
- *Acacio-Grevillion meisneri* HOFF 1994 all. nov., nom. prov. (: 681) [art. 3b] [NC]
- *Baumeo-Maxwellion lepidotaе* HOFF 1994 all. nov., nom. prov. (: 681) [art. 3b] [NC]
- *Solano-Bocquillonion spinuligerae* HOFF 1994 all. nov., nom. prov. (: 681) [art. 3b] [NC]
- *Acacio-Solanetum styraciflori* HOFF 1994 ass. nov., nom. prov. (: 681) [art. 3b] [NC]
- *Cloezio-Maxwellietum angustifoliae* HOFF 1994 ass. nov., nom. prov. (: 681) [art. 3b] [NC]
- *Cloezio-Serianthetum germainii* HOFF 1994 ass. nov., nom. prov. (: 681) [art. 3b] [NC]
- *Euroschino-Syzygietum austrocaledonicae* HOFF 1994 ass. nov., nom. prov. (: 681) [art. 3b] [NC]
- *Gahnio-Jasminetum artensi* HOFF 1994 ass. nov., nom. prov. (: 681) [art. 3b] [NC]
- *Garcinio-Atractocarpum rotundifolii* HOFF 1994 ass. nov., nom. prov. (: 681) [art. 3b] [NC]
- *Wikstroemio-Lepidospermetum perteretis* HOFF 1994 ass. nov., nom. prov. (: 681) [art. 3b] [NC]
- *Xanthostemo-Ixoretum collinae* HOFF 1994 ass. nov., nom. prov. (: 681) [art. 3b] [NC]

Adiantetea

- *Homalio lusitanicae-Adiantetum* PUGLISI 1994 [1995?] ass. nov. (: 95) [IT, Sicilia]

"Aglaiio-Cupaniopsietea glomeriflorae"

- *Aglaiio-Cupaniopsietea glomeriflorae* HOFF 1994 cl. nov., nom. prov. (: 680) [art. 3b] [NC]
- *Aglaiio-Cupaniopsietalia glomeriflorae* HOFF 1994 ord. nov., nom. prov. (: 680) [art. 3b] [NC]
- *Arythero-Alyxietalia celastrinae* HOFF 1994 ord. nov., nom. prov. (: 680) [art. 3b] [NC]
- *Arythero-Gardenion urvillei* HOFF 1994 all. nov., nom. prov. (: 680) [art. 3b] [NC]
- *Elaeodendro-Aglaiion eleagnoidis* HOFF 1994 all. nov., nom. prov. (: 680) [art. 3b] [NC]
- *Jasmino-Mabion buxifoliae* HOFF 1994 all. nov., nom. prov. (: 680) [art. 3b] [NC]
- *Microsorio-Schefflerion golip* HOFF 1994 all. nov., nom. prov. (: 680) [art. 3b] [NC]
- *Aglaiio-Cupaniopsietum glomeriflorae* HOFF 1994 ass. nov., nom. prov. (: 680) [art. 3b] [NC]
- *Cryptocaryo-Scheffleretum golip* HOFF 1994 ass. nov., nom. prov. (: 680) [art. 3b] [NC]
- *Delarbroo-Microsorietum punctati* HOFF 1994 ass. nov., nom. prov. (: 680) [art. 3b] [NC]
- *Diospyro-Jasminetum leratii* HOFF 1994 ass. nov., nom. prov. (: 680) [art. 3b] [NC]
- *Dysoxylo-Oleetum paniculatae* HOFF 1994 ass. nov., nom. prov. (: 680) [art. 3b] [NC]
- *Jasmino-Mabetum buxifoliae* HOFF 1994 ass. nov., nom. prov. (: 680) [art. 3b] [NC]
- *Mabo-Podonephelletum homei* HOFF 1994 ass. nov., nom. prov. (: 680) [art. 3b] [NC]

Agropyretea intermidii-repentis [see *Artemisietea*]*Agrostieta stoloniferae*

- *Echinodoro-Paspaletum distichi* GÉHU, KAABECHE et GHARZOULI 1994c ass. nov. (: 303) [DZ]
- *Eryngio barrelieri-Caricetum divisae* GÉHU, KAABECHE et GHARZOULI 1994c ass. nov. (: 301) [DZ]

- *Helosciadio crassipedis-Paspaletum distichi* GÉHU, KAABECHE et GHARZOULI 1994c ass. nov. (: 301) [DZ]

Alnetea glutinosae

- *Carici lusitanicae-Alnetum glutinosae* DÍAZ GONZÁLEZ et FERNÁNDEZ PRIETO 1994 ass. nov. (: 313) [ES]
- *Rusco hypophylli-Alnetum glutinosae* GÉHU, KAABECHE et GHARZOULI 1994b ass. nov. (: 69) [DZ]

Artemisietaea

- *Anthemido-Centaureetum rhenanae* DENGLER 1994 ass. nov. (: 291) [DE]
- *Carduo cephalanthi-Dracunculetum muscivori* GAMISANS et PARADIS ex GÉHU et BIONDI 1994 ass. nov. (: 126) [FR, Corse]
- *Convolvulo arvensis-Caricetum hirtae* JEHLÍK 1994 ass. nov. (: 261)
- *Urtico-Lamietum orvalae* ČARNI 1994 ass. nov. (: 490) [SI]

Artemisietaea lerchiana

- *Artemisietaea lerchiana* GOLUB 1994b cl. nov. (: 500) [RU, Russia South]
- *Artemisietalia lerchiana* GOLUB 1994b ord. nov. (: 500) [RU, Russia South]
- *Artemision lerchiana* GOLUB 1994b all. nov. (: 500) [RU, Russia South]
- *Anabasetum aphyllae* GOLUB 1994b ass. nov. (: 504) [RU, Russia South]
- *Kochietum prostratae* GOLUB 1994b ass. nov. (: 500) [RU, Russia South]
- *Salsoletum dendroidis* GOLUB 1994b ass. nov. (: 503, 505) [RU, Russia South]

Artemisietaea tschernieviana

- *Artemisietaea tschernieviana* GOLUB 1994b cl. nov., nom. inval. (: 505) [art. 8] [RU, Russia South]
- *Artemisietalia tschernieviana* GOLUB 1994b ord. nov., nom. inval. (: 505) [art. 5] [RU, Russia South]
- *Euphorbion seguieriana* GOLUB 1994b all. nov. (: 509) [RU, Russia South]
- *Tamarici-Salsolion australis* GOLUB 1994b all. nov. (: 509, 510) [RU, Russia South]
- *Artemisietum tschernieviana* GOLUB 1994b ass. nov. (: 509) [RU, Russia South]
- *Koelerietum sabuletori* GOLUB 1994b ass. nov. (: 509) [RU, Russia South]
- *Salsolo australis-Atriplicetum tataricae* GOLUB 1994b ass. nov. (: 511, 512) [RU, Russia South]
- *Salsolo australis-Cannabatum ruderalis* GOLUB 1994b ass. nov. (: 512, 513) [RU, Russia South]
- *Tamarici-Salsoletum australis* GOLUB 1994b ass. nov. (: 513) [RU, Russia South]
- *Zygophyllo fontanesii-Suaedetum verae* BIONDI, ALLEGREZZA, TAFFETANI et WILDPRET DE LA TORRE 1994 ass. nov. (: 111) [ES]

Asplenietea trichomanis

- *Artemisio nitidae-Silenetum lanuginosae* TOMASELLI 1994 ass. nov. (: 40, 46) [IT]
- *Asplenio rutae-murariae-Gymnocarpetum robertiani* KOLBEK et ŠADLO 1994 ass. nov. (: 126, 128) [CZ]
- *Dauco hispanici-Asplenietum marini* GAMISANS et PARADIS ex GÉHU et BIONDI 1994 ass. nov. (: 90) [FR, Corse]
- *Diantho sylvestris-Seselietum praecocis* LAMBINON et PIRONET ex GÉHU et BIONDI 1994 ass. nov. (: 91) [FR, Corse]
- *Drabo aizoidis-Primuletum apenninae* TOMASELLI 1994 ass. nov. (: 41, 47) [IT]
- *Dryopterido aemulae-Hymenophylletum tunbrigensis* DÍAZ GONZÁLEZ et FERNÁNDEZ PRIETO 1994 ass. nov. (: 439) [ES]
- *Phagnalo sordidi-Jasionetum mansanetiana* ROSELLÓ GIMENO 1994 ass. nov. (: 389) [ES]
- *Silenetum saxifragae* TOMASELLI 1994 ass. nov. (: 40, 46) [IT]
- *Umbilico rupestris-Asplenietum obovati* BIONDI, BOCCHIERI, BRUGIAPAGLIA et MULAS ex GÉHU et BIONDI 1994 ass. nov. (: 91) [FR, Corse]

Asteretea tripolii

- *Cirsietalia esculenti* MIRKIN et GOLUB in GOLUB 1994a ord. nov. (: 25) [art. 5, 17] [UA, RU, Russia Central, Russia East, Western Siberia]
- *Halerpestetalia* MIRKIN, NAUMOVA et SOLOMESTCH ex GOLUB 1994a ord. nov. (: 42) [MN, RU, Yakutiya]
- *Suaedetalia corniculatae* GOLUB 1994a ord. nov. (: 46) [MN, RU, Yakutiya]

- *Artemisienalia santonicae* GOLUB 1994a subord. nov. (: 36) [UA, RU]
- *Elytrigenialia repentis* GOLUB 1994a subord. nov., nom. inval. (: 33) [art. 5, 17] [RU]
- *Alhagion* GOLUB et TCHORBADZE in GOLUB 1994a all. nov. (: 37) [RU, Russia South]
- *Cirsio-Hordeion* MIRKIN ex GOLUB 1994a all. nov. (: 32) [RU, Russia East]
- *Cirsion esculenti* GOLUB 1994a all. nov., nom. inval. (: 32) [art. 3g] [RU, Russia East, Western Siberia]
- *Geranion collini* GOLUB et SAVELJEVA in GOLUB 1994a all. nov. (: 25) [RU, Russia Central, Russia East, Russia South, Western Siberia]
- *Halerpestion salsuginosae* MIRKIN, NAUMOVA et SOLOMESTCH ex GOLUB 1994a all. nov. (: 46) [MN]
- *Limonion gmelinii* GOLUB 1994a all. nov. (: 33) [RU, Russia Central, Russia East, Russia South, Western Siberia]
- *Limonion sareptani* GOLUB 1994a all. nov., nom. inval. (: 33) [art. 3f] [RU, Russia South]
- *Limonion tomentelli* AGAFONOV et GOLUB in GOLUB 1994a all. nov. (: 36) [RU, Russia Central]
- *Puccinellion fominii* SHELYAG-SOSONKO et SOLOMAKHA ex GOLUB 1994a all. nov. (: 37) [UA]
- *Suaedo corniculatae-Puccinellion tenuiflorae* MIRKIN ex GOLUB 1994a all. nov. (: 46) [MN, RU, Yakutiya]
- *Alhagienion* GOLUB 1994a suball. nov. (: 37) [RU, Russia South]
- *Beckmannio-Puccinelliention bilykianae* GOLUB 1994a suball. nov. (: 25) [RU, Russia South]
- *Geranienion collini* GOLUB 1994a suball. nov. (: 32) [RU, Russia East, Russia South, Western Siberia]
- * *Peucedanienion latifolii* GOLUB 1994a suball. nov. (: 25) [art. 2b] [RU, Russia South]
- *Tripolio-Phragmitenion* GOLUB 1994a suball. nov. (: 37) [RU, Russia South]
- *Alhagio-Artemisietum santonicae* GOLUB et TCHORBADZE in GOLUB 1994a ass. nov. (: 53) [RU, Russia South]
- * *Cichorio-Eryngietum plani* GOLUB et SAVELJEVA in GOLUB 1994a ass. nov. (: 52) [art. 2b] [RU, Russia South]
- *Cirsio esculenti-Hordeetum brevisubulati* KARPOV, MIRKIN, ONISHCHENKO ex GOLUB 1994a ass. nov. (: 52) [RU, Russia East]
- *Cnidio-Poetum angustifoliae* GOLUB 1994a ass. nov. (: 52) [RU, Western Siberia]
- *Elytrigio-Artemisietum nitrosae* GOLUB 1994a ass. nov. (: 53) [RU, Western Siberia]
- *Halerpestetum salsuginosae* MIRKIN, NAUMOVA et SOLOMESTCH ex GOLUB 1994a ass. nov. (: 53) [MN]
- *Junco gerardii-Beckmannietum eruciformis* AGAFONOV et GOLUB in GOLUB 1994a ass. nov. (: 52) [RU, Russia Central]
- *Limonio tomentelli-Festucetum valesiacae* AGAFONOV et GOLUB in GOLUB 1994a ass. nov. (: 53) [RU, Russia Central]
- *Plantagini cornuti-Festucetum arundinaceae* GOLUB et SAVELJEVA in GOLUB 1994a ass. nov. (: 52) [RU, Russia South]
- *Puccinellietum fominii* SHELYAG-SOSONKO et SOLOMAKHA ex GOLUB 1994a ass. nov. (: 54) [UA]
- *Scorzonero parviflorae-Puccinellietum distantis* (SOLOMAKHA et SHELYAG-SOSONKO 1984) GOLUB 1994a ass. nov. (: 53) [UA]
- *Suaedo-Phragmitetum* GOLUB et TCHORBADZE in GOLUB 1994a ass. nov. (: 54) [RU, Russia South]

Asterisco graveolentis-Forskhaletea tenacissima

- *Fredolietum aretioidis* (QUÉZEL 1965) QUÉZEL, BARBERO, BENABID et RIVAS-MARTÍNEZ 1994 nom. nov., nom. illeg. (: 569) [art. 30]

Astragalo-Brometea

- *Astragaletum caspici* BEHÇET 1994b ass. nov. (: 296) [TR]
- *Astragaletum kurdici* BEHÇET 1994b ass. nov. (: 296, 298) [TR]
- *Cousinio iconicae-Astragaletum microcephali* TATLI, EYCE et SERIN 1994 ass. nov. (: 283, 285) [TR]
- *Digitali ferrugineae-Juniperetum nanae* TATLI, EYCE et SERIN 1994 ass. nov. (: 281, 283) [TR]
- *Minuartio anatolicae-Onobrychidetum cornutae* TATLI, EYCE et SERIN 1994 ass. nov., nom. inval. (: 285) [art. 5] [TR]
- *Serratulo-Spiraeetum hypericifoliae* OCAKVERDI 1994 ass. nov. (: 256) [TR]
- *Stipo-Festucetum cratericolae* OCAKVERDI 1994 ass. nov., nom. inval. (: 254) [art. 5] [TR]
- *Taraxaco-Iridetum spuriae* OCAKVERDI 1994 ass. nov. (: 251, 252) [TR]

"*Avicennio-Salicornietea australis*"

- *Avicennio-Salicornietea australis* HOFF 1994 cl. nov., nom. prov. (: 678) [art. 3b] [NC]
- *Avicennio-Salicornietalia australis* HOFF 1994 ord. nov., nom. prov. (: 678) [art. 3b] [NC]
- *Avicennio-Salicornion australis* HOFF 1994 all. nov., nom. prov. (: 678) [art. 3b] [NC]

- *Avicennio-Salicornietum australis* HOFF 1994 ass. nov., nom. prov. (: 678) [art. 3b] [NC]

"Baccharetea nivalis"

- *Baccharetea nivalis* PISANO 1994 cl. nov., nom. prov. (: 13) [art. 3b] [CL, Chile South]
- *Baccharetalia nivalis* PISANO 1994 ord. nov., nom. prov. (: 13) [art. 3b] [CL, Chile South]
- *Baccharion nivalis* PISANO 1994 all. nov., nom. prov. (: 13) [art. 3b] [CL, Chile South]
- *Baccharetum nivalis* PISANO 1994 ass. nov., nom. prov. (: 13, 20) [art. 3b] [CL, Chile South]

"Baeckeo-Codietea incrasatae"

- *Baeckeo-Codietea incrasatae* HOFF 1994 cl. nov., nom. prov. (: 682) [art. 3b] [NC]
- *Baeckeo-Codietalia incrasatae* HOFF 1994 ord. nov., nom. prov. (: 682) [art. 3b] [NC]
- *Baeckeo-Codion incrasatae* HOFF 1994 all. nov., nom. prov. (: 682) [art. 3b] [NC]
- *Baeckeo-Codietum incrasatae* HOFF 1994 ass. nov., nom. prov. (: 682) [art. 3b] [NC]

Betulo-Adenostyletea

- *Salicetum glabrae* SMETTAN ex EGGENSBERGER 1994 ass. nov. (: 174) [DE, "Alps"]

Bidentetea

- *Echinochloo cruris-galli-Chenopodietum chenopodioidis* PARADIS et LORENZONI 1994 ass. nov. (: 24) [FR, Corse]
- *Ranunculo scelerati-Polygonetum hydropiperis* GÉHU, KAABECHE et GHARZOULI 1994b ass. nov. (: 71) [DZ]

Bolboschoenetea maritimi

- *Carici-Menyanthetum trifoliatae* BEHÇET 1994a ass. nov. (: 237) [TR]
- *Triglochino-Bolboschoenetum maritimi* BEHÇET 1994a ass. nov. (: 236, 237) [TR]

"Bruguiero-Heritieretea littoralis"

- *Bruguiero-Heritieretea littoralis* HOFF 1994 cl. nov., nom. prov. (: 678) [art. 3b] [NC]
- *Heritiero-Acanthetalia ilicifolii* HOFF 1994 ord. nov., nom. prov. (: 678) [art. 3b] [NC]
- *Xylocarpo-Bruguieretalia gymnorhysae* HOFF 1994 ord. nov., nom. prov. (: 678) [art. 3b] [NC]
- *Heritiero-Acanthion ilicifolii* HOFF 1994 all. nov., nom. prov. (: 678) [art. 3b] [NC]
- *Xylocarpo-Bruguierion littoralis* HOFF 1994 all. nov., nom. prov. (: 678) [art. 3b] [NC]
- *Avicennio-Rhizophoretum selalae* HOFF 1994 ass. nov., nom. prov. (: 678) [art. 3b] [NC]
- *Heritiero-Acanthetum ilicifolii* HOFF 1994 ass. nov., nom. prov. (: 678) [art. 3b] [NC]
- *Xylocarpo-Bruguieretum gymnorhysae* HOFF 1994 ass. nov., nom. prov. (: 678) [art. 3b] [NC]

Cakiletea integrifoliae

- *Polygono maritimi-Elymetum pycnanthi* DÍAZ GONZÁLEZ et FERNÁNDEZ PRIETO 1994 ass. nov. (: 463, 464) [ES]

Cakiletea maritimae

- *Cakilion euxinae* GÉHU, ROMAN et BOULLET 1994 all. nov. (: 86) [RO]
- *Cakilo euxinae-Salsotetum kali* GÉHU, ROMAN et BOULLET 1994 ass. nov. (: 80) [RO]
- *Puccinellio festuciformis-Atriplicetum littoralis* GÉHU et BIONDI 1994 ass. nov. (: 75) [FR, Corse]

"Caligono-Aristidetea pungentis"

- *Caligono-Aristidetea pungentis* GÉHU, KAABECHE et GHARZOULI 1994a cl. nov., nom. inval. (: 375) [art. 5] [DZ]
- *Aristidion pungentis* GÉHU, KAABECHE et GHARZOULI 1994a all. nov., nom. inval. (: 375) [art. 8] [DZ]
- *Anabasi-Aristidetum pungentis* GÉHU, KAABECHE et GHARZOULI 1994a ass. nov. (: 375) [DZ]

Calluno-Ulicetea

- *Calluno-Genistetalia* (DUVIGNAUD 1944) GÉHU 1994 ord. nov., nom. inval. (: 210) [art. 2b]
- *Ulici-Ericenion cinereae* (J.-M. et J. GÉHU 1975) GÉHU 1994 suball. nov. et stat. nov., nom. inval. (: 209) [art. 2b]
- *Halimio lasianthi-Ulicetum minoris* CAPELO, COSTA et LOUSĂ 1994 ass. nov. (: 299) [PT]
- *Scillo vernae-Ericetum cinereae* BIRET 1994 ass. nov. (: 136) [FR]

Calluno-Vaccinietea

- *Lonicero periclymeni-Vaccinietum myrtilli* DE FOUCAULT 1994a ass. nov. (: 14) [FR]

Camellieta japonicae

- *Dendropanaco-Castanopsion sieboldii* KIM, HUKUSIMA et HOSHINO 1994 all. nov. (: 70, 71) [KR, "Cheju Is"]
- *Cyrtomio fortunei-Quercetum glaucae* KIM, HUKUSIMA et HOSHINO 1994 ass. nov. (: 69) [KR, "Cheju Is"]
- *Hosto minoris-Castanopsietum sieboldii* KIM, HUKUSIMA et HOSHINO 1994 ass. nov. (: 63) [KR, "Cheju Is"]

Caricetea curvulae (see also *Juncetea trifidi*)

- *Arnico montanae-Festucetum paniculatae* MICHALET et PHILIPPE 1994 ass. nov., nom. inval. (: 405) [art. 5] [FR, "Massif Central"]
- *Vicio orobi-Festucetum paniculatae* MICHALET et PHILIPPE 1994 ass. nov., nom. inval. (: 410) [art. 5] [FR, "Massif Central"]

Carici-Genisteteta lobelii

- *Armerio sardoae-Genistetum desoleani* VALSECCHI 1994 ass. nov. (: 130) [IT]
- *Violo limbarae-Genistetum salzmännii* VALSECCHI 1994 ass. nov. (: 129) [IT]

Carpino-Fagetea (see *Quercu-Fagetea*)*"Centrolepidi-Hydrocotyletea alatae"*

- *Centrolepidi-Hydrocotyletea alatae* E. et S. PIGNATTI 1994 cl. nov., nom. inval. (: 61) [art. 3g, 8] [AU, Western Australia]
- *Centrolepidi-Hydrocotyletalia alatae* E. et S. PIGNATTI 1994 ord. nov., nom. inval. (: 61) [art. 3g, 5] [AU, Western Australia]
- *Campylopo-Centrolepidion aristatae* E. et S. PIGNATTI 1994 all. nov., nom. inval. (: 58, 61) [art. 5] [AU, Western Australia]
- *Centrolepidion polygynae* E. et S. PIGNATTI 1994 all. nov. (: 58, 61) [AU, Western Australia]
- *Aphelio-Centrolepidetum aristatae* E. et S. PIGNATTI 1994 ass. nov. (: 57) [AU, Western Australia]
- *Campylopo-Droseretum ramellosae* E. et S. PIGNATTI 1994 ass. nov. (: 57) [AU, Western Australia]
- *Campylopo-Polypompholydetum multifidae* E. et S. PIGNATTI 1994 ass. nov. (: 57) [AU, Western Australia]
- *Centrolepidetum polygynae* E. et S. PIGNATTI 1994 ass. nov. (: 57) [AU, Western Australia]

Chenopodieta

- *Digitario-Amarantheum crispum* ȘTEFAN 1994 ass. nov. (: 76) [RO]
- *Erigeronto canadensis-Panicetum miliacei* ȘTEFAN 1994 ass. nov. (: 75) [RO]

Cisto-Lavanduletea

- *Cisto crispum-Pinetum pineae* BARTOLO, BRULLO et PULVIRENTI 1994b [1995?] ass. nov. (: 410) [It, Sicilia]
- *Cisto salvifolii-Halimietum halimifolii* GÉHU et BIONDI 1994 ass. nov. (: 96) [FR, Corse]
- *Helichryso microphylli-Genistetum ephedroidis* VALSECCHI 1994 ass. nov. (: 130) [IT]
- *Rosmarino officinalis-Genistetum sardoae* VALSECCHI 1994 ass. nov. (: 131) [IT]
- *Ulici parviflorae-Cistetum laurifolii* ROSELLÓ GIMENO 1994 ass. nov. (: 416) [ES]

Cisto-Micromerietea

- *Micromerio graecae-Ephedretum distachyae* BIONDI, BALLELLI, ALLEGREZZA, TAFFETANI et FRANCALANCIA 1994 ass. nov. (: 55) [IT]

Cleistogenetea squarrosae

- *Festucetalia kryloviano-tschujensis* KOROLYUK et NAMZALOV 1994 ord. nov. (: 470) [RU, Southern Siberia]
- *Festucion tschujensis* KOROLYUK et NAMZALOV 1994 all. nov. (: 470) [RU, Southern Siberia]
- *Carici rupestris-Festucetum krylovianae* KOROLYUK et NAMZALOV 1994 ass. nov. (: 470) [RU, Southern Siberia]
- *Poo attenuatae-Festucetum tschujensis* KOROLYUK et NAMZALOV 1994 ass. nov. (: 470, 472) [RU, Southern Siberia]

“Colubrinetea asiaticae”

- *Colubrinetea asiaticae* OHBA 1994 cl. nov., nom. prov. (: 50) [art. 3b] [MP]
- *Colubrinetalia asiaticae* OHBA 1994 ord. nov., nom. prov. (: 50) [art. 3b] [MP]
- *Colubrinion asiaticae* OHBA 1994 all. nov., nom. prov. (: 50) [art. 3b] [MP]
- *Pipturo-Colubrinetum asiaticae* OHBA 1994 ass. nov., nom. inval. (: 29) [art. 5] [MP]

Corynephoretea canescentis

- *Sedion pyrenaici* R. TÜXEN ex RIVAS-MARTÍNEZ, DÍAZ GONZÁLEZ, FERNÁNDEZ PRIETO, LOIDI et PENAS in DÍAZ GONZÁLEZ et FERNÁNDEZ PRIETO 1994 all. nov. (: 360) [ES]

Crithmo-Limonietea

- *Erodio corsici-Limonion articulati* GAMISANS et MACCIOLE ex GÉHU et BIONDI 1994 all. nov. (: 79, 88) [FR, Corse]
- *Crithmo maritimi-Limonietum contortiramei* (R. et R. MOLINIER 1955) GÉHU et BIONDI 1994 nom. nov. (: 77) [FR, Corse]
- *Crithmo maritimi-Limonietum patrimoniensis* GÉHU et BIONDI 1994 ass. nov. (: 88) [FR, Corse]
- *Limonio corsici-Erodietum corsici* GAMISANS et MURACCIOLE ex GÉHU et BIONDI 1994 ass. nov. (: 85) [FR, Corse]
- *Reichardio maritimi-Limonietum articulati* MALCUIT ex GÉHU et BIONDI 1994 ass. nov. (: 83) [FR, Corse]

Ctenio-Loudetietea togoensis

- *Ctenio-Loudetietea togoensis* SINSIN 1994 cl. nov., nom. inval. (: 97) [art. 8] [BJ]
- *Loudetietalia togoensis* SINSIN 1994 ord. nov., nom. inval. (: 98) [art. 8] [BJ]
- *Loudetion togoensis* SINSIN 1994 all. nov., nom. inval. (: 98) [art. 5] [BJ]
- *Aristidetum kerstingii* SINSIN 1994 ass. nov. (: 98, 103) [BJ]
- *Vernonietum perrottetii* SINSIN 1994 ass. nov. (: 98, 103) [BJ]

Cytisetea scopario-striati

- *Calicotomo infestae-Adenocarpetum commutati* BARTOLO, BRULLO et PULVIRENTI 1994a [1995?] ass. nov. (: 404) [IT, Sicilia]
- *Ulici europaei-Cytisetum striati* RIVAS-MARTÍNEZ ex DÍAZ GONZÁLEZ et FERNÁNDEZ PRIETO 1994 ass. nov. (: 327) [ES]

Deschampsio-Asteretea

- *Fragarietalia chiloensis* PISANO 1994 ord. nov., nom. prov. (: 12) [art. 3b] [CL, Chile South]
- *Fragarion chiloensis* PISANO 1994 all. nov., nom. prov. (: 12) [art. 3b] [CL, Chile South]
- *Fragarietum chiloensis* PISANO 1994 ass. nov., nom. prov. (: 12, 16) [art. 3b] [CL, Chile South]

"Diheteropogono amplexentis-Schizachyrion sanguinei"

- *Diheteropogono amplexentis-Schizachyrion sanguinei* BEZUIDENHOUT, BREDEKAMP et THERON 1994a all. nov., nom. inval. (: 79) [art. 5, 17] [ZA]
- *Hyparrhenio hirtae-Eragrostietum planae* BEZUIDENHOUT, BREDEKAMP et THERON 1994a ass. nov. (: 80) [ZA]
- *Monocymbio cerasiformis-Schizachyrietum sanguinei* BEZUIDENHOUT, BREDEKAMP et THERON 1994a ass. nov. (: 80) [ZA]
- *Uryletro agropyroidis-Schizachyrietum sanguinei* BEZUIDENHOUT, BREDEKAMP et THERON 1994a ass. nov. (: 80) [ZA]

"Diplachno fuscae-Stipagrostietera uniglumis"

- *Diplachno fuscae-Stipagrostietera uniglumis* BEZUIDENHOUT, BREDEKAMP et THERON 1994d cl. nov. nom. inval. (: 9) [art. 2b, 5, 8] [ZA, Transvaal]

"Elaeocarpetea jogae"

- *Elaeocarpetea jogae* OHBA 1994 cl. nov., nom. inval. (: 52) [art. 8] [MP]
- *Aglaiio-Elaeocarpetalia* OHBA 1994 ord. nov., nom. inval. (: 52) [art. 8] [MP]
- *Aglaiio-Guamion marianae* OHBA 1994 all. nov., nom. inval. (: 52) [art. 8] [MP]
- *Aglaiio-Elaeocarpetum jogae* OHBA 1994 ass. nov., nom. inval. (: 19) [art. 5] [MP]

"Elaeocarpo-Pandanetea macrocarpi"

- *Elaeocarpo-Pandanetea macrocarpi* HOFF 1994 cl. nov., nom. prov. (: 680) [art. 3b] [NC]
- *Elaeocarpo-Pandanetalia macrocarpi* HOFF 1994 ord. nov., nom. prov. (: 680) [art. 3b] [NC]
- *Elaeocarpo-Pandanion macrocarpi* HOFF 1994 all. nov., nom. prov. (: 680) [art. 3b] [NC]
- *Elaeocarpo-Pandanetum macrocarpi* HOFF 1994 ass. nov., nom. prov. (: 680) [art. 3b] [NC]

"Elaeocarpo-Rhoetea taitensis"

- *Elaeocarpo-Rhoetea taitensis* HOFF 1994 cl. nov., nom. prov. (: 680) [art. 3b] [NC]
- *Elaeocarpo-Rhoetalia taitensis* HOFF 1994 ord. nov., nom. prov. (: 680) [art. 3b] [NC]
- *Elaeocarpo-Rhoion taitensis* HOFF 1994 all. nov., nom. prov. (: 680) [art. 3b] [NC]
- *Elaeocarpo-Rhoetum taitensis* HOFF 1994 ass. nov., nom. prov. (: 680) [art. 3b] [NC]

Elyno-Seslerietera

- *Caricenia australpiniae* POLDINI et FEOLI CHIAPELLA in FEOLI CHIAPELLA et POLDINI 1994 suball. nov. (: 16)
- *Ranunculenion hybridi* POLDINI et FEOLI CHIAPELLA in FEOLI CHIAPELLA et POLDINI 1994 suball. nov. (: 16, 120) [IT]
- *Aquilegio-Anemonetum narcissiflorae* TOMASELLI 1994 ass. nov., nom. inval. (: 43, 46) [art. 3g] [IT]
- *Carici ornithopodae-Seslerietum albicantis* POLDINI et FEOLI CHIAPELLA in FEOLI CHIAPELLA et POLDINI 1994 ass. nov. (: 65) [IT]
- *Globulario cordifoliae-Caricetum humilis* BERNÁTOVÁ et UHLÍŘOVÁ 1994 ass. nov. (: 2) [SK]
- *Pediculari comosae-Caricetum sempervirentis* DÍAZ GONZÁLEZ et FERNÁNDEZ PRIETO 1994 ass. nov. (: 338) [ES]
- *Ranunculo hybridi-Caricetum sempervirentis* POLDINI et FEOLI CHIAPELLA in FEOLI CHIAPELLA et POLDINI 1994 ass. nov. (: 76) [IT]
- *Saxifrago speciosae-Silenetum cenisiae* PETRICCIONE 1994 ass. nov., nom. inval. (: 197, 198) [art. 5, 7] [IT]

"Eragrostio planae-Hyparrhenietera hirtae"

- *Eragrostio planae-Hyparrhenietera hirtae* BEZUIDENHOUT, BREDEKAMP et THERON 1994d cl. nov. nom. inval. (: 15) [art. 2b, 5, 8] [ZA, Transvaal]

"Eragrostio racemosae-Trachypogonetea spicati"

- *Eragrostio racemosae-Trachypogonetea spicati* BEZUIDENHOUT, BREDEKAMP et THERON 1994d cl. nov. nom. inval. (: 9) [art. 2b, 5, 8] [ZA, Transvaal]

Erico-Pinetea (see *Quercu-Fagetea*)*Euphorbio-Ammophiletea arundinaceae*

- * *Medicagini-Ammophilenion arundinaceae* (RIVAS-MARTÍNEZ et GÉHU 1980) GÉHU et BIONDI 1994 nom. nov., nom. superfl. (: 23, 135, 143) [art. 29]
- *Inulo crithmoidis-Elymetum farcti* PIAZZA et PARADIS 1994 ass. nov. (: 68) [FR, Corse]
- * *Sporobolium arenarii* ARÈNES ex GÉHU et BIONDI 1994 ass. nov., nom. superfl. (: 135, 142) [art. (25) 29] [FR, Corse]

Festuco-Brometea (see also *Phlomidi-Brachypodietea*)

- *Galio campanulatae-Poion versicoloris* KUKOVITSA, MOVCHAN, SOLOMAKHA et SHELYAG-SOSONKO 1994 all. nov., nom. inval. (: 37) [art. 5, 17] [UA]
- *Centaureenion dichroanthae* (PIGNATTI 1953) POLDINI et FEOLI CHIAPELLA in FEOLI CHIAPELLA et POLDINI 1994 suball. nov. et stat. nov. (: 11, 118)
- △ *Hypochoeridenion maculatae* (HORVATÍĆ 1973) POLDINI et FEOLI CHIAPELLA in FEOLI CHIAPELLA et POLDINI 1994 suball. nov. et stat. nov. (: 12, 119)
- △ *Scorzonenion villosae* POLDINI et FEOLI CHIAPELLA in FEOLI CHIAPELLA et POLDINI 1994 suball. nov. (: 12)
- *Acini arvensis-Elytrigietum intermediae* KUKOVITSA, MOVCHAN, SOLOMAKHA et SHELYAG-SOSONKO 1994 ass. nov. (: 47) [art. 5, 16] [UA]
- *Adonido vernalis-Stipetum tirsae* KUKOVITSA, MOVCHAN, SOLOMAKHA et SHELYAG-SOSONKO 1994 ass. nov. (: 37) [art. 5, 16] [UA]
- *Alchemilletum plicatissimae* KLEIN et LACOSTE 1994 ass. nov., nom. inval. (: 408) [art. 5, 16] [IR]
- *Artemisio albae-Thesietum divaricati* BRAQUE et LOISEAU 1994 ass. nov., nom. inval. (: 44) [art. 5] [FR]
- *Avenulo praeustae-Brometum erecti* POLDINI et FEOLI CHIAPELLA in FEOLI CHIAPELLA et POLDINI 1994 ass. nov. (: 57) [IT]
- *Bromo erecti-Onobrychidetum montanae* DELPECH 1994 ass. nov. (: 356) [FR, "Alps"]
- *Bupleuro-Brometum condensati* POLDINI et FEOLI CHIAPELLA in FEOLI CHIAPELLA et POLDINI 1994 ass. nov. (: 28) [IT]
- *Carici flaccae-Tetragonolobetum maritimi* GŁAZEK et ŁUSZCZYŃSKA 1994 ass. nov., nom. inval. (: 281, 282) [art. 5] [PL]
- *Carici humilis-Arctostaphyletum uvae-ursi* PETRICCIONE 1994 ass. nov., nom. inval. (: 197, 199) [art. 5, 7] [IT]
- *Centaureo approximatae-Knautietum arvensis* BRAQUE et LOISEAU 1994 ass. nov., nom. inval. (: 144) [art. 5] [FR]
- △ *Chamaecytisio hirsuti-Chrysopogonetum grylli* PIGNATTI ex POLDINI et FEOLI CHIAPELLA in FEOLI CHIAPELLA et POLDINI 1994 ass. nov. (: 38) [IT]
- *Euphrasio tricuspidatae-Seslerietum variae* PEDROTTI et MINGHETTI in PEDROTTI 1994 ass. nov. (: 39) [IT, "Alps"]
- *Gladiolo palustris-Molinietum arundinaceae* POLDINI et FEOLI CHIAPELLA in FEOLI CHIAPELLA et POLDINI 1994 ass. nov. (: 50) [IT]
- *Gypsophilo fastigiatae-Teucrietum chamaedrys* KUKOVITSA, MOVCHAN, SOLOMAKHA et SHELYAG-SOSONKO 1994 ass. nov. (: 37) [art. 5, 16] [UA]
- *Helianthemo apennini-Brometum erecti* BRAQUE et LOISEAU 1994 ass. nov., nom. inval. (: 137) [art. 5] [FR]
- *Hyssopo decumbentis-Arenarietum controversae* BRAQUE et LOISEAU 1994 ass. nov., nom. inval. (: 34) [art. 5] [FR]
- *Jurineo calcareae-Stipetum capillatae* KUKOVITSA, MOVCHAN, SOLOMAKHA et SHELYAG-SOSONKO 1994 ass. nov. (: 46) [art. 5, 16] [UA]
- *Lembotropo nigricantis-Potentilletum arenariae* KUKOVITSA, MOVCHAN, SOLOMAKHA et SHELYAG-SOSONKO 1994 ass. nov. (: 46) [art. 5, 16] [UA]
- *Leucanthemo graminifolii-Seslerietum albicantis* BRAQUE et LOISEAU 1994 ass. nov., nom. inval. (: 53) [art. 5] [FR]
- *Onobrychido arenariae-Brometum* POLDINI et FEOLI CHIAPELLA in FEOLI CHIAPELLA et POLDINI 1994 ass. nov. (: 45) [IT]
- *Ranunculo zapalowiczii-Helictotrichetum desertori* KUKOVITSA, MOVCHAN, SOLOMAKHA et SHELYAG-SOSONKO 1994 ass. nov. (: 37) [art. 5, 16] [UA]
- *Sanguisorbo muricatae-Caricetum hallerianae* BRAQUE et LOISEAU 1994 ass. nov., nom. inval. (: 72) [art. 5] [FR]
- *Saturejo variegatae-Brometum condensati* POLDINI et FEOLI CHIAPELLA in FEOLI CHIAPELLA et POLDINI 1994 ass. nov. (: 22) [IT]

- *Schoeno nigricantis-Chrysopogonetus grylli* PIGNATTI ex FEOLI CHIAPELLA et POLDINI 1994 ass. nov. (: 34) [IT]
- *Violo rupestris-Koelerietum pyramidatae* BRAQUE et LOISEAU 1994 ass. nov., nom. inval. (: 121) [art. 5] [FR]

"*Festuco hystricis-Ononidetia striatae*" (see also *Ononido-Rosmarinetea*)

Festuco-Seslerietea

- *Gnaphalio diminuti-Festucetum circummediterraneae* PETRICCIONE 1994 ass. nov., nom. inval. (: 197, 199) [art. 5, 7] [IT]

Filipendulo-Convolvuletea

- *Lythro salicariae-Filipenduletalia* (PASSARGE 1988) JULVE et GILLET 1994 ord. nov. et stat. nov., nom. inval. (: 58, 59) [art. 2b]
- *Stachyo palustris-Cirsion oleracei* JULVE et GILLET 1994 all. nov., nom. inval. (: 59) [art. 8]
- *Filipendulo niveae-Caricetum cespitosae* JULVE et GILLET 1994 ass. nov., nom. inval. (: 58) [art. 3f] [PL]
- *Junco acutiflori-Brometum racemosi* KLAPP ex DE FOUCAULT 1994b ass. nov., nom. inval. (: 22) [art. 5] [FR]

Galio-Urticetea

- *Violo-Stellarion holostaeae* PASSARGE 1994b all. nov. (: 185) [DE]
- *Glechomo-Cucubaletum bacciferi* GÉHU et BOURNIQUE 1994 ass. nov. (: 100) [FR]
- *Veronico-Stellarium holostaeae* PASSARGE 1994b ass. nov. (: 181) [DE]

"*Gardenio-Acacieta spirorbis*"

- *Gardenio-Acacieta spirorbis* HOFF 1994 cl. nov., nom. prov. (: 682) [art. 3b] [NC]
- *Gardenio-Acacieta spirorbis* HOFF 1994 ord. nov., nom. prov. (: 682) [art. 3b] [NC]
- *Gardenio-Acacion spirorbis* HOFF 1994 all. nov., nom. prov. (: 682) [art. 3b] [NC]
- *Bauerello-Melaleucetum quinquenerviae* HOFF 1994 ass. nov., nom. prov. (: 682) [art. 3b] [NC]
- *Dodonaeo-Acacieta spirorbis* HOFF 1994 ass. nov., nom. prov. (: 682) [art. 3b] [NC]

"*Grewio flavae-Acacieta karroo*"

- *Grewio flavae-Acacieta karroo* BEZUIDENHOUT, BREDEKAMP et THERON 1994d cl. nov., nom. inval. (: 14) [art. 2b, 5, 8] [ZA, Transvaal]
- *Grewio flavae-Rhoion pyroidis* BEZUIDENHOUT, BREDEKAMP et THERON 1994b all. nov., nom. inval. (: 158) [art. 5, 17] [ZA, Transvaal]
- *Protasparago africana-Acacion karroo* BEZUIDENHOUT, BREDEKAMP et THERON 1994d all. nov., nom. inval. (: 15) [art. 2b, 5, 8] [ZA, Transvaal]
- *Rho lanceae-Acacieta eriolobae* BEZUIDENHOUT, BREDEKAMP et THERON 1994b ass. nov. (: 158) [ZA, Transvaal]
- *Zizipho mucronatae-Acacieta karroo* BEZUIDENHOUT, BREDEKAMP et THERON 1994b ass. nov. (: 158) [ZA, Transvaal]

"*Guettardo-Pandanetea tectorum*"

- *Guettardo-Pandanetea tectorum* HOFF 1994 cl. nov., nom. prov. (: 679) [art. 3b] [NC]
- *Guettardo-Pandanetalia tectorum* HOFF 1994 ord. nov., nom. prov. (: 679) [art. 3b] [NC]
- *Euphorbio-Lysimachion mauritanae* HOFF 1994 all. nov., nom. prov. (: 679) [art. 3b] [NC]
- *Excoecario-Pemphision acidulae* HOFF 1994 all. nov., nom. prov. (: 679) [art. 3b] [NC]
- *Lepturo-Excoecarion agallochae* HOFF 1994 all. nov., nom. prov. (: 679) [art. 3b] [NC]
- *Pandano-Araucarion columnaris* HOFF 1994 all. nov., nom. prov. (: 679) [art. 3b] [NC]
- *Asplenio-Hoyetum neocaledonicae* HOFF 1994 ass. nov., nom. prov. (: 679) [art. 3b] [NC]
- *Colubrino-Vitietum trifoliatae* HOFF 1994 ass. nov., nom. prov. (: 679) [art. 3b] [NC]
- *Euphorbio-Lysimachietum mauritanae* HOFF 1994 ass. nov., nom. prov. (: 679) [art. 3b] [NC]

- *Excoecario-Pemphisetum acidulae* HOFF 1994 ass. nov., nom. prov. (: 679) [art. 3b] [NC]
- *Lepturo-Pandanetum tectorum* HOFF 1994 ass. nov., nom. prov. (: 679) [art. 3b] [NC]
- *Leucaeno-Acacetium simplicis* HOFF 1994 ass. nov., nom. prov. (: 679) [art. 3b] [NC]
- *Pandano-Araucarietum columnaris* HOFF 1994 ass. nov., nom. prov. (: 679) [art. 3b] [NC]
- *Phymatosoro-Araucarietum columnaris* HOFF 1994 ass. nov., nom. prov. (: 679) [art. 3b] [NC]
- *Phymatosoro-Excoecarietum agallochae* HOFF 1994 ass. nov., nom. prov. (: 679) [art. 3b] [NC]
- *Scaevolo-Cocetum nuciferae* HOFF 1994 ass. nov., nom. prov. (: 679) [art. 3b] [NC]
- *Sporobolo-Acacetium simplicis* HOFF 1994 ass. nov., nom. prov. (: 679) [art. 3b] [NC]

Helichryso-Crucianelletea

- *Helichrysetalia italici* GÉHU et BIONDI 1994 ord. nov. (: 143) [FR, Corse]
- *Euphorbion pithyusae* GÉHU et BIONDI 1994 all. nov. (: 143) [FR, Corse]
- *Ononido-ramosissimae-Polycarpon niveae* BIONDI, ALLEGREZZA, TAFFETANI et WILDPRET DE LA TORRE 1994 all. nov. (: 110) [ES]
- *Helichryso microphylli-Asteriscetum maritimi* GAMISANS ex GÉHU et BIONDI 1994 ass. nov. (: 106) [FR, Corse]
- *Launaeo arborescentis-Ononidetum ramosissimae* BIONDI, ALLEGREZZA, TAFFETANI et WILDPRET DE LA TORRE 1994 ass. nov. (: 110) [ES]
- *Sclerophyllo-ramosissimae-Genistetum salzmannii* MALCUIT ex GÉHU et BIONDI 1994 ass. nov. (: 96) [FR, Corse]

Hibisco-Pandanetea

- *Hibiscetum tiliacei* OHBA 1994 ass. nov., nom. inval. (: 22) [art. 5] [MP]

Honckenyo-Elymetea

- *Artemisio tscherniaeviana-Centaureetum odessanae* GÉHU, ROMAN et BOULLET 1994 ass. nov. (: 82) [RO]

Hyparrhenietea

- *Andropogonetalia bisquamulati* SINSIN 1994 ord. nov., nom. inval. (: 97) [art. 8] [BJ]
- *Hyparrhenio-Andropogonion tectorum* SINSIN 1994 all. nov., nom. inval. (: 97) [art. 5] [BJ]
- *Schizachyrio-Loxoderion ledermannii* SINSIN 1994 all. nov., nom. inval. (: 97) [art. 5] [BJ]
- *Aspilio-Anadelphietum afzeliana* SINSIN 1994 ass. nov. (: 97, 101) [BJ]
- *Loudetietum flavidae* SINSIN 1994 ass. nov. (: 97, 102) [BJ]
- *Loxoderetum ledermannii* SINSIN 1994 ass. nov. (: 97, 102) [BJ]
- *Pennisetum uniseti* SINSIN 1994 ass. nov. (: 97, 101) [BJ]

Isoeto-Nanojuncetea

- *Atriplici prostratae-Crypsietum aculeatae* PARADIS et LORENZONI 1994 ass. nov. (: 19) [FR, Corse]
- *Chenopodio chenopodioidis-Crypsietum aculeatae* (PARADIS 1992) PARADIS et LORENZONI 1994 ass. nov. (: 21) [FR, Corse]
- *Chenopodio chenopodioidis-Crypsietum schoenoidis* (PARADIS 1992) PARADIS et LORENZONI 1994 ass. nov. (: 22) [FR, Corse]
- *Crypsio aculeatae-Cressetum creticae* GÉHU, KAABECHE et GHARZOULI 1994c ass. nov. (: 302) [DZ]
- *Echinochloa cruris-galli-Crypsietum schoenoidis* (PARADIS 1992) PARADIS et LORENZONI 1994 ass. nov. (: 22) [FR, Corse]
- *Isoeto-Juncetum pygmaei* GÉHU, KAABECHE et GHARZOULI 1994c ass. nov., nom. inval. (: 307) [art. 2b] [DZ]
- *Laurentio bicoloris-Fimbristylidetum squarrosae* GÉHU, KAABECHE et GHARZOULI 1994c ass. nov. (: 304) [DZ]
- *Laurentio michelii-Isoplepidetum cernui* GÉHU, KAABECHE et GHARZOULI 1994c ass. nov. (: 304) [DZ]
- *Polygono monspeliensis-Crypsietum aculeatae* PARADIS et LORENZONI 1994 ass. nov. (: 21) [FR, Corse]
- *Samolo valerandi-Crypsietum aculeatae* PARADIS et LORENZONI 1994 ass. nov. (: 21) [FR, Corse]
- *Scirpo cernui-cyperetum flavescens* ROSELLÓ GIMENO 1994 ass. nov. (: 378) [ES]
- *Scirpo setacei-Juncetum bufonii* (VIGO 1968) ROSELLÓ GIMENO 1994 nom. nov. (: 378) [ES]

Juncetea maritimi

- △ *Artemisio santonici-Juncetum littoralis* (POPESCU et SANDA 1976) GÉHU, ROMAN et BOULLET 1994 ass. nov. (: 76) [RO]

- *Astero pannonicum-Juncetum gerardii* GÉHU, ROMAN et BOULLET 1994 ass. nov. (: 76) [RO]
- *Astero pannonicum-Puccinellietum distantis* GÉHU, ROMAN et BOULLET 1994 ass. nov. (: 76) [RO]
- *Halimiono pedunculatae-Aeluropetum* GÉHU, ROMAN et BOULLET 1994 ass. nov. (: 76) [RO]
- *Halimiono pedunculatae-Juncetum maritimi* GÉHU, ROMAN et BOULLET 1994 ass. nov. (: 76) [RO]
- △ *Limonio gmelinii-Artemisietum santonicum* (TZOPA 1939) GÉHU, ROMAN et BOULLET 1994 nom. nov. (: 76) [RO]
- *Limonio narbonensis-Caricetum extensae* GÉHU et BIONDI 1994 ass. nov. (: 72) [FR, Corse]
- *Limonio narbonensis-Juncetum gerardii* GÉHU et BIONDI 1994 ass. nov. (: 73) [FR, Corse]
- *Puccinellio convolutae-Halimionetum verruciferae* GÉHU, ROMAN et BOULLET 1994 ass. nov. (: 76) [RO]
- *Puccinellio convolutae-Limonietum danubialis* GÉHU, ROMAN et BOULLET 1994 ass. nov. (: 74, 76) [RO]

Juncetea trifidi (see also *Caricetea curvulae*)

- *Sileno exscapae-Trifolietum alpini* TOMASELLI et ROSSI 1994 ass. nov. (: 54) [IT]

Koelerio-Corynephoretea (see also *Sedo-Scleranthea*)

- △ *Centaureo rhenanae-Festucetum ovinae* KRAUSCH ex KOWARIK et LANGER 1994 ass. nov. [?] (: 13, 15, 35) [DE]
[sub: *Centaureo rhenanae-Festucetum ovinae* KRAUSCH 1959 em. KOWARIK et LANGER]

"Lastreopsio-Cupaniopsietea azanthae"

- *Lastreopsio-Cupaniopsietea azanthae* HOFF 1994 cl. nov., nom. prov. (: 680) [art. 3b] [NC]
- *Cupaniopsio-Cryptocaryetalia oubatche* HOFF 1994 ord. nov., nom. prov. (: 680) [art. 3b] [NC]
- *Planchonello-Hedycaryetalia cupulatae* HOFF 1994 ord. nov., nom. prov. (: 681) [art. 3b] [NC]
- *Cupaniopsio-Cryptocaryion oubatche* HOFF 1994 all. nov., nom. prov. (: 680) [art. 3b] [NC]
- *Planchonello-Hedycaryion cupulatae* HOFF 1994 all. nov., nom. prov. (: 681) [art. 3b] [NC]
- *Dysoxylo-Tapeinospermetum oblongae* HOFF 1994 ass. nov., nom. prov. (: 681) [art. 3b] [NC]
- *Lastreopsio-Cryptocaryetum macrocarpae* HOFF 1994 ass. nov., nom. prov. (: 681) [art. 3b] [NC]
- *Planchonello-Hedycaryetum cupulatae* HOFF 1994 ass. nov., nom. prov. (: 681) [art. 3b] [NC]

Lemnetea

- *Azollo filiculoidis-Lemnetum minusculae* FELZINES et LOISEAU 1991 nom. invers., nom. illeg. in WOLFF, DIEKJOBST et SCHWARZER 1994 (: 349) [art. 42]
- *Spirodello polyrrhizae-Salvinietum natantis* SLAVNIĆ 1956 nom. invers., nom. illeg. in WOLFF, DIEKJOBST et SCHWARZER 1994 (: 352) [art. 42]
- *Wolffio-Riccio carpetum natantis* GÉHU, KAABECHE et GHARZOULI 1994c ass. nov. (: 303) [DZ]

"Lepturo-Atriplicetea jubatae"

- *Lepturo-Atriplicetea jubatae* HOFF 1994 cl. nov., nom. prov. (: 678) [art. 3b] [NC]
- *Lepturo-Atriplicetalia jubatae* HOFF 1994 ord. nov., nom. prov. (: 678) [art. 3b] [NC]
- *Cakilo-Spinificion hirsutae* HOFF 1994 all. nov., nom. prov. (: 678) [art. 3b] [NC]
- *Salsolo-Atriplicion jubatae* HOFF 1994 all. nov., nom. prov. (: 678) [art. 3b] [NC]
- *Scaevolo-Surianion maritimae* HOFF 1994 all. nov., nom. prov. (: 678) [art. 3b] [NC]
- *Cakilo-Spinificetum hirsutae* HOFF 1994 ass. nov., nom. prov. (: 678) [art. 3b] [NC]
- *Salsolo-Atriplicetum jubatae* HOFF 1994 ass. nov., nom. prov. (: 678) [art. 3b] [NC]
- *Scaevolo-Surianetum maritimae* HOFF 1994 ass. nov., nom. prov. (: 678) [art. 3b] [NC]
- *Sporobolo-Sesuvietum portulacastri* HOFF 1994 ass. nov., nom. prov. (: 678) [art. 3b] [NC]

"Lindsaeo-Cupaniopsietea oedipodae"

- *Lindsaeo-Cupaniopsietea oedipodae* HOFF 1994 cl. nov., nom. prov. (: 681) [art. 3b] [NC]
- *Alstonio-Cleidiotalia lasiophyllae* HOFF 1994 ord. nov., nom. prov. (: 681) [art. 3b] [NC]
- *Psychotrio-Kibaropsietalia caledonicae* HOFF 1994 ord. nov., nom. prov. (: 681) [art. 3b] [NC]
- *Agathido-Araucarion schmidii* HOFF 1994 all. nov., nom. prov. (: 681) [art. 3b] [NC]
- *Alstonio-Cleidiion lasiophyllae* HOFF 1994 all. nov., nom. prov. (: 681) [art. 3b] [NC]

- *Phyllantho-Psychotrion balansae* HOFF 1994 all. nov., nom. prov. (: 681) [art. 3b] [NC]
- *Agathido-Araucarietum schmidii* HOFF 1994 ass. nov., nom. prov. (: 681) [art. 3b] [NC]
- *Alstonio-Cleidiatum lasiophyllae* HOFF 1994 ass. nov., nom. prov. (: 681) [art. 3b] [NC]
- *Phyllantho-Psychotrietum balansae* HOFF 1994 ass. nov., nom. prov. (: 681) [art. 3b] [NC]

"Loudetio simplicis-Schizachyrietalia sanguinei"

- *Loudetio simplicis-Schizachyrietalia sanguinei* BEZUIDENHOUT, BREDEKAMP et THERON 1994c ord. nov., nom. inval. (: 221) [art. 2b, 5] [ZA, Transvaal]
- *Schizachyrio sanguinei-Pogonarthrion squarrosae* BEZUIDENHOUT, BREDEKAMP et THERON 1994c all. nov., nom. inval. (: 222) [art. 5] [ZA, Transvaal]
- *Schizachyrio sanguinei-Vanguerietum infaustae* BEZUIDENHOUT, BREDEKAMP et THERON 1994c all. nov., nom. inval. (: 221) [art. 5] [ZA, Transvaal]
- *Alloterospido semialatae-Pogonarthrietum squarrosae* BEZUIDENHOUT, BREDEKAMP et THERON 1994c ass. nov. (: 222) [ZA, Transvaal]
- *Aristido stipitatae-Pogonarthrietum squarrosae* BEZUIDENHOUT, BREDEKAMP et THERON 1994c ass. nov. (: 222) [ZA, Transvaal]
- *Pavetto zeyheri-Vanguerietum infaustae* BEZUIDENHOUT, BREDEKAMP et THERON 1994c ass. nov. (: 221) [ZA, Transvaal]
- *Zanthoxylo capensis-Vanguerietum infaustae* BEZUIDENHOUT, BREDEKAMP et THERON 1994c ass. nov. (: 221) [ZA, Transvaal]

"Lupino-Calamagrostion tolucensis"

- *Lupino-Calamagrostion tolucensis* ALMEIDA, CLEEF, HERRERA, VELAZQUEZ et LUNA 1994 all. nov., nom. prov. (: 404) [art. 3b] [MX, Mexico Central]
- *Lupino montani-Festucetum tolucensis* ALMEIDA, CLEEF, HERRERA, VELAZQUEZ et LUNA 1994 ass. nov. (: 409) [MX, Mexico Central]
- *Penstemono gentianoidis-Lupinetum montani* ALMEIDA, CLEEF, HERRERA, VELAZQUEZ et LUNA 1994 ass. nov. (: 410) [MX, Mexico Central]
- *Senecioni procumbentis-Calamagrostietum tolucensis* ALMEIDA, CLEEF, HERRERA, VELAZQUEZ et LUNA 1994 ass. nov. (: 404) [MX, Mexico Central]

Lycopodietea cernui

- *Gleichenio-Dicranopteridetalia linearis* HOFF 1994 ord. nov., nom. prov. (: 682) [art. 3b] [NC]
- *Baeckeo-Pteridion esculentis* HOFF 1994 all. nov., nom. prov. (: 682) [art. 3b] [NC]
- *Melaleuco-Gleichenion dicarpae* HOFF 1994 all. nov., nom. prov. (: 682) [art. 3b] [NC]
- *Nephrolepido-Hibiscion tiliacei* HOFF 1994 all. nov., nom. prov. (: 682) [art. 3b] [NC]
- *Baeckeo-Pteridietum esculentis* HOFF 1994 ass. nov., nom. prov. (: 682) [art. 3b] [NC]
- *Costulario-Gleichenietum flabellatae* HOFF 1994 ass. nov., nom. prov. (: 682) [art. 3b] [NC]
- *Dicranopterido-Cymbopogonetum refracti* HOFF 1994 ass. nov., nom. prov. (: 682) [art. 3b] [NC]
- *Gleichenio-Baeckेतum ericoidis* HOFF 1994 ass. nov., nom. prov. (: 682) [art. 3b] [NC]
- *Melaleuco-Chorizandretum cymbariae* HOFF 1994 ass. nov., nom. prov. (: 682) [art. 3b] [NC]
- *Melaleuco-Gahnetum novocaledonensis* HOFF 1994 ass. nov., nom. prov. (: 682) [art. 3b] [NC]

Lygeo sparti-Stipetea tenacissimae (see also *Phlomidylchnitidis-Brachypodietea retusi*)

- Association à *Fagonia fruticans* et *Ferula vesceritensis* KAABECHE et GHARZOULI 1994 ass. nov., nom. inval. (: 599) [art. 3h] [DZ]
- *Festuco scariosae-Helictotrichetum arundani* ASENSI, DÍEZ-GARRETAS et MARTÍN OSORIO 1994 ass. nov. (: 5) [ES]
- * *Helictotricho bromoidis-Stipetum pauneroanae* (VIGO 1968) ROSELLÓ GIMENO 1994 nom. nov., nom., superfl. (: 415) [art. 29]

Malacanthion alnifoliae

- *Malacanthion alnifoliae* VANDEN BERGHEN 1994 all. nov. (: 20) [SN]
- *Malacantho-Cnestidetum ferruginae* VANDEN BERGHEN 1994 ass. nov. (: 20,) [SN]

- *Malacantho-Zanthoxyletum zanthoxyloides* VANDEN BERGHEN 1994 ass. nov. (: 20) [SN]

“*Melampyro-Holcetea mollis*”

- *Melampyro-Holcetea mollis* KLAUCK ex PASSARGE 1994c cl. nov., nom. inval. (: 107, 108) [art. 8]
- *Holco mollis-Pteridienion* PASSARGE 1994c suball. nov., nom. inval. (: 107) [art. 8]
- *Potentillo-Holcenion mollis* PASSARGE 1994c suball. nov. (: 107)
- *Veronico-Hieracienion laevigatae* PASSARGE 1994c suball. nov., nom. inval. (: 108) [art. 3g]
- *Avenello-Luzuletum sylvaticae* BRAUN-BLANQUET et TÜXEN ex PASSARGE 1994c ass. nov. (: 101) [DE, FR, IE, GB]
- *Holco mollis-Equisetum sylvatici* PASSARGE 1994c ass. nov. (: 99, 100) [DE]
- *Holco mollis-Melampyretum sylvatici* PASSARGE 1994c ass. nov. (: 89) [DE]
- *Holco mollis-Pteridietum aquilini* PASSARGE 1994c ass. nov. (: 101, 102) [DE]
- *Melampyro-Hieracietum sabaudi* KLAUCK ex PASSARGE 1994c ass. nov. (: 91) [DE]
- *Osmundo-Blechnetum spicantis* CLÉMENT et TOUFFET ex PASSARGE 1994c ass. nov. (: 105) [FR]
- △ *Poo angustifoliae-Melampyretum pratensis* (WOJTERSKI et al. 1976) BRZEG (1988) PASSARGE 1994c nom. nov. (: 88) [PL]
- *Trientali europaeae-Pteridietum aquilini* PASSARGE 1994c ass. nov. (: 104) [DE]
- *Veronico chamaedrys-Lathyretum linifolii* PASSARGE 1994c ass. nov. (: 93, 95) [DE]

“*Miscanthea floriduli*”

- *Miscanthea floriduli* OHBA 1994 cl. nov., nom. inval. (: 52) [art. 8] [MP]
- *Miscanthalia floriduli* OHBA 1994 ord. nov., nom. inval. (: 52) [art. 8] [MP]
- *Miscantheion floriduli* OHBA 1994 all. nov., nom. inval. (: 52) [art. 8] [MP]
- *Melastomo-Lycopodietum cernui* OHBA 1994 ass. nov., nom. inval. (: 40) [art. 5] [MP]
- *Miscantheum floriduli* OHBA 1994 ass. nov., nom. inval. (: 37, 39) [art. 5] [MP]

Molinio-Arrhenatheretea

- *Prunello pyrenaicae-Arrhenatherenion bulbosi* DÍAZ GONZÁLEZ et FERNÁNDEZ PRIETO 1994 suball. nov. (: 371, 372) [ES]
- *Agrostietum gigantei* SANDA, POPESCU et SERBANESCU 1994 ass. nov. (: 15) [RO]
- △ *Agrostio prorepentis-Ranunculetum repentis* (KNAPP 1946) JULVE et GILLET 1994 (: 62) [PL]
- *Alopecuretum arundinaceae* BEHÇET 1994a ass. nov. (: 239) [TR]
- *Cypero-Caricetum crupinae* TÜXEN ex DÍAZ GONZÁLEZ et FERNÁNDEZ PRIETO 1994 ass. nov. (: 386, 387) [ES]
- *Dorycnio recti-Juncetum maritimi* ROSELLÓ GIMENO 1994 ass. nov. (: 385) [ES]
- *Galio maritimi-Agrostietum castellanae* ROSELLÓ GIMENO 1994 ass. nov. (: 386) [ES]
- *Hyperico maculati-Juncetum effusi* JULVE et GILLET 1994 (: 61) [PL]
- *Loto pedunculati-Juncetum conglomerati* HERRERA et FERNÁNDEZ PRIETO in DÍAZ GONZÁLEZ et FERNÁNDEZ PRIETO 1994 ass. nov. (: 375, 376) [ES]
- *Oenanthe crocatae-Filipenduletum ulmariae* DÍAZ GONZÁLEZ et FERNÁNDEZ PRIETO 1994 ass. nov. (: 380) [ES]
- *Paspaletum dilatato-distichi* HERRERA et FERNÁNDEZ PRIETO in DÍAZ GONZÁLEZ et FERNÁNDEZ PRIETO 1994 ass. nov. (: 387, 388) [ES]
- * *Senecioni laderoi-Filipenduletum ulmariae* RIVAS-MARTÍNEZ, DÍAZ GONZÁLEZ, FERNÁNDEZ PRIETO, LOIDI et PEÑAS 1984 corr. DÍAZ GONZÁLEZ et FERNÁNDEZ PRIETO 1994 (: 379) [art. 43] [ES]

Molinio-Juncetea

- *Deschampsio-Elymetum repentis* OCAKVERDI 1994 ass. nov. (: 256, 258) [TR]
- *Taraxaco-Iridetum musulmanicae* BEHÇET 1994c ass. nov. (: 308, 309) [TR]

Montio-Cardaminetea

- *Epilobio nutantis-Montion* ZECHMEISTER in ZECHMEISTER et MUCINA 1994 all. nov. (: 400)
- *Adiantenion* ZECHMEISTER et MUCINA 1994 suball. nov. (: 387, 400)
- *Cardamino-Montenion* ZECHMEISTER et MUCINA 1994 suball. nov. (: 400)
- *Caricenion remotae* ZECHMEISTER et MUCINA 1994 suball. nov. (: 401)
- *Cratoneuro filicini-Calthenion laetae* (HADAČ 1983) ZECHMEISTER et MUCINA 1994 suball. nov. et stat. nov. (: 401)

- *Lycopodio-Cratoneuronion commutati* (HADAČ 1983) ZECHMEISTER et MUCINA 1994 suball. nov. et stat. nov. (: 400)
- *Mniobryo-Epilobienion hornemannii* (NORDHAGEN 1943) ZECHMEISTER in ZECHMEISTER et MUCINA 1994 suball. nov. et stat. nov. (: 400)
- *Swertio-Anisothecienion squarrosi* (HADAČ 1983) ZECHMEISTER in ZECHMEISTER et MUCINA 1994 suball. nov. et stat. nov. (: 400)
- *Glycerietum nemoralis* SANDA, POPESCU et SERBANESCU 1994 ass. nov. (: 14) [RO]
- *Stellario alsines-Montietum* IZCO, GUITIN et AMIGO in DÍAZ GONZÁLEZ et FERNÁNDEZ PRIETO 1994 ass. nov. (: 499) [ES]

Mulgedio-Aconitetea

- *Ligustico mutellinae-Luzulion desvauxii* MICHALET et PHILIPPE 1994 all. nov. (: 418) [FR, "Massif Central"]
- *Aconito neapolitani-Myrrhetum odorati* FERNÁNDEZ PRIETO et NAVA in DÍAZ GONZÁLEZ et FERNÁNDEZ PRIETO 1994 ass. nov. (: 355) [ES]
- *Heracleo sphondylii-Calamagrostietum arundinaceae* MICHALET et PHILIPPE 1994 ass. nov., nom. inval. (: 414) [art. 5] [FR, "Massif Central"]
- *Luzulo sylvaticae-Calamagrostietum arundinaceae* MICHALET et PHILIPPE 1994 ass. nov., nom. inval. (: 414) [art. 5] [FR, "Massif Central"]
- *Pediculari foliosae-Geraniatum sylvatici* MICHALET et PHILIPPE 1994 ass. nov., nom. inval. (: 421) [art. 5] [FR, "Massif Central"]
- *Veratro albi-Luzuletum desvauxii* (LUQUET 1926) MICHALET et PHILIPPE 1994 ass. nov. (: 418, 421) [FR, "Massif Central"]
[sub: *Veratro albi-Luzuletum desvauxii* LUQUET 26 em. nov.]

Myrteolo-Sphagnetea

- *Sphagno-Dacrydietum fonckii* PISANO 1994 ass. nov., nom. prov. (: 11) [art. 3b] [CL, Chile South]

Nardetea strictae

- * *Trifolio alpini-Meetalia athamantici* DE FOUCAULT 1994e ord. nov., nom. superfl. (: 437) [art. 29]
- *Campanulo barbatae-Potentillion* DE FOUCAULT 1994e all. nov. (: 438)
- *Campanulo herminii-Festucion eskiae* DE FOUCAULT 1994e all. nov., nom. inval. (: 440) [art. 8] [ES]
- *Carici arenariae-Festucion filiformis* DE FOUCAULT 1994e all. nov. (: 435, 436)
- *Carici macrostyli-Nardion strictae* (RIVAS-MARTÍNEZ et al. 1984) DE FOUCAULT 1994e all. nov., nom. inval. (: 438) [art. 8]
- *Danthonio decumbentis-Serapion linguae* DE FOUCAULT 1994e all. nov. (: 447, 448)
- *Galio idubidae-Nardion strictae* (RIVAS-MARTÍNEZ) DE FOUCAULT 1994e all. nov., nom. prov. (: 435) [art. 3b] [ES]
- △ *Galio saxatilis-Festucion filiformis* (STIEPERAERE 1990) DE FOUCAULT 1994e all. nov. (: 434)
- *Galio saxatilis-Festucion viviparae* DE FOUCAULT 1994e all. nov., nom. inval. (: 436) [art. 8]
- *Galio saxatilis-Potentillion aureae* DE FOUCAULT 1994e all. nov., nom. inval. (: 437) [art. 8] [DE]
- *Potentillion calabrae* DE FOUCAULT 1994e all. nov., nom. inval. (: 441) [art. 2b] [IT]
[sub: *Potentillion calabrae* (BONIN 1978) all. nov.]
- *Thymelaeo dendrobryi-Nardetum* DÍAZ GONZÁLEZ et FERNÁNDEZ PRIETO 1994 ass. nov. (: 351, 352) [ES]

Ononido-Rosmarinetea (see also *Rosmarinetea*)

- *Lavandulo mairei-Carthamion fruticosi* QUÉZEL, BARBERO, BENABID et RIVAS-MARTÍNEZ 1994 all. nov. (: 549, 551) [MA]
- *Adenocarpo leiocarpi-Retametum dasycarpae* QUÉZEL, BARBERO, BENABID et RIVAS-MARTÍNEZ 1994 ass. nov. (: 558, 559) [MA]
- *Convolvulo trabutiani-Genistetum capitellatae* QUÉZEL, BARBERO, BENABID et RIVAS-MARTÍNEZ 1994 ass. nov. (: 560, 561) [MA]
- *Diantho turolensis-Genistetum hispanicae* ROSELLÓ GIMENO 1994 ass. nov. (: 418) [ES]
- *Festuco hystricis-Genistetum eliasseñeni* GARCÍA MUANGOS, LOIDI et HERRERA GALLASTEGUI 1994 ass. nov. (: 101) [ES]
- *Genisto myrianthis-Carthametum fruticosi* QUÉZEL, BARBERO, BENABID et RIVAS-MARTÍNEZ 1994 ass. nov. (: 553, 554) [MA]

- *Helianthemo mollis-Hypericetum ericoidis* ROSELLÓ GIMENO 1994 ass. nov. (: 421) [ES]
- *Koelerio vallesianae-Thymetum mastigophori* GARCÍA MUANGOS, LOIDI et HERRERA GALLASTEGUI 1994 ass. nov. (: 105) [ES]
- *Lavandulo brevidentis-Hertietum maroccanæ* QUÉZEL, BARBERO, BENABID et RIVAS-MARTÍNEZ 1994 ass. nov. (: 550, 551) [MA]
- *Teucrio malenconiani-Thymetum brevidentis* QUÉZEL, BARBERO, BENABID et RIVAS-MARTÍNEZ 1994 ass. nov. (: 563, 564) [MA]
- *Thymo commutati-Rosmarinetum officinalis* QUÉZEL, BARBERO, BENABID et RIVAS-MARTÍNEZ 1994 ass. nov. (: 552, 553) [MA]
- *Ulici europaei-Genistetum occidentalis* DÍAZ GONZÁLEZ et FERNÁNDEZ PRIETO 1994 ass. nov. (: 341, 345) [ES]

Onopordetea acanthii

- *Carduo pycnocephali-Nicotianetum glaucae* BIONDI, BLASI, BRUGIAPAGLIA, FOGU et MOSSA 1994 ass. nov. (: 307) [IT, Sardegna]
- *Sylibo-Onopordetum arenarii* GÉHU, KAABECHE et GHARZOULI 1994a ass. nov. (: 378, 380) [DZ]
- *Verbasco montani-Onopordetum acanthii* ROSELLÓ GIMENO 1994 ass. nov. (: 400) [ES]

Pegano-Salsoletea vermiculatae

- △ *Artemision arborescentis* GÉHU et BIONDI (1986) 1994 (: 123, 125) [FR, Corse]
- *Artemision glutinosae-Hyssopetum cinerei* ROSELLÓ GIMENO 1994 ass. nov. (: 403) [ES]
- *Artemisio glutinosae-Gypsophiletum hispanicae* ROSELLÓ GIMENO 1994 ass. nov. (: 402) [ES]
- *Artemisio herbae-albae-Santolinetum squarrosae* LADERO ÁLVAREZ, VALLE GUTIÉREZ et GUTIÉREZ BALBAS 1994 ass. nov. (: 504, 505) [ES]

Pergulario tomentosae-Pulicarietea crispae

- Association à *Ziziphus lotus* et *Coronilla juncea* subsp. *pomelii* KAABECHE et GHARZOULI 1994 ass. nov., nom. inval. (: 599) [art. 3h] [DZ]
- *Rhantherio adpressi-Fagonietum zilloidis* QUÉZEL, BARBERO, BENABID et RIVAS-MARTÍNEZ 1994 ass. nov. (: 573, 574) [MA]

Phlomidii lychnitidis-Brachypodietea retusi

- *Phlomidii lychnitidis-Brachypodietea retusi* ROSELLÓ GIMENO 1994 cl. nov. (: 411)
- *Phlomidii lychnitidis-Brachypodietalia retusi* ROSELLÓ GIMENO 1994 ord. nov. (: 413)
- *Scabioso turolensis-Brachypodion retusi* ROSELLÓ GIMENO 1994 all. nov., nom. inval. (: 413) [art. 5] [ES]

"*Phellino-Rapaneetea macrophyllae*"

- *Phellino-Rapaneetea macrophyllae* HOFF 1994 cl. nov., nom. prov. (: 682) [art. 3b] [NC]
- *Archidendropsio-Agathidetalia lanceolatae* HOFF 1994 ord. nov., nom. prov. (: 682) [art. 3b] [NC]
- *Austrobuxo-Nothofagetalia discoidis* HOFF 1994 ord. nov., nom. prov. (: 682) [art. 3b] [NC]
- *Archidendropsio-Agathidion lanceolatae* HOFF 1994 all. nov., nom. prov. (: 682) [art. 3b] [NC]
- *Austrobuxo-Nothofagion discoidis* HOFF 1994 all. nov., nom. prov. (: 682) [art. 3b] [NC]
- *Archidendropsio-Agathidetum lanceolatae* HOFF 1994 ass. nov., nom. prov. (: 682) [art. 3b] [NC]
- *Austrobuxo-Nothofagetum discoidis* HOFF 1994 ass. nov., nom. prov. (: 682) [art. 3b] [NC]

Phragmito-Magnocaricetea

- *Alismato michaletti-Sparganietum neglecti* GÉHU, KAABECHE et GHARZOULI 1994c ass. nov. (: 303) [DZ]
- *Caricetum kurdico-distichae* OCAKVERDI 1994 ass. nov., nom. inval. (: 258, 261) [art. 5] [TR]
- *Cladio marisci-Thelypteridetum interruptae* GÉHU, KAABECHE et GHARZOULI 1994c ass. nov. (: 304) [DZ]
- *Eleocharito-Sparganietum neglecti* BRULLO, MINISSALE et SPAMPINATO 1994 ass. nov. (: 20) [IT]
- *Helosciadio nodiflori-Alismetum michaletti* GÉHU, KAABECHE et GHARZOULI 1994c ass. nov. (: 302) [DZ]
- *Irido pseudacori-Caricetum lusitanicae* BELLOT ex DÍAZ GONZÁLEZ et FERNÁNDEZ PRIETO 1994 ass. nov. (: 492) [ES]

- *Lysimachio thyrsoflorae-Glycerietum declinatae* JULVE et GILLET 1994 ass. nov., nom. prov. (: 56) [art. 3b] [PL]
- *Panicetum repentis* GÉHU, KAABECHE et GHARZOULI 1994c ass. nov. (: 304) [DZ]
- *Ranunculo linguae-Caricetum acutiformis* JULVE et GILLET 1994 ass. nov., nom. prov. (: 56) [art. 3b] [PL]
- *Thelypterido palustris-Caricetum elongatae* JULVE et GILLET 1994 ass. nov., nom. prov. (: 56) [art. 3b] [PL]
- *Typhetum dominguensis* BRULLO, MINISSALE et SPAMPINATO 1994 ass. nov. (: 21) [IT]

Pino-Juniperetea

- *Festuco gautieri-Pinetum salzmannii* ROSELLÓ GIMENO 1994 ass. nov. (: 434) [ES]

"Plantagini-Poetea flabellatae"

- *Plantagini-Poetea flabellatae* PISANO 1994 cl. nov., nom. prov. (: 13) [art. 3b] [CL, Chile South]
- *Plantagini-Colobanthetaia quitensis* PISANO 1994 ord. nov., nom. prov. (: 13) [art. 3b] [CL, Chile South]
- *Poetalia flabellatae* PISANO 1994 ord. nov., nom. prov. (: 13) [art. 3b] [CL, Chile South]
- *Plantagini-Colobanthon quitensis* PISANO 1994 all. nov., nom. prov. (: 13) [art. 3b] [CL, Chile South]
- *Poion flabellatae* PISANO 1994 all. nov., nom. prov. (: 13) [art. 3b] [CL, Chile South]
- *Plantagini-Colobantheta quitensis* PISANO 1994 ass. nov., nom. prov. (: 13, 20) [art. 3b] [CL, Chile South]
- *Poetum flabellatae* PISANO 1994 ass. nov., nom. prov. (: 13, 20) [art. 3b] [CL, Chile South]

Potametea

- *Alopecuro-Glycerion* BRULLO, MINISSALE et SPAMPINATO 1994 all. nov. (: 14, 41) [IT]
- *Potamion pusilli* WIEGLEB ex VAHLE in PREISING, VAHLE, BRANDES, HOFMEISTER, J. TÜXEN et WEBER 1994 all. nov., nom. inval. (: 110) [art. 2b] [DE]
- *Utriculario minoris-Nymphaeion VAHLE* in PREISING, VAHLE, BRANDES, HOFMEISTER, J. TÜXEN et WEBER 1994 all. nov., nom. inval. (: 110) [art. 2b] (: 113) [DE]
- * *Callitricho-Elodeetum canadensis* PASSARGE (1964) 1994a nom. nov. (: 341) [art. 29]
- *Ceratophyllo-Potametum lucentis* (HUECK 1931) PASSARGE 1994a nom. nov., nom. inval. (: 343) [art. 2b]
- *Charo-Potametum colorati* (ALLORGE 1922) PASSARGE 1994a nom. nov., nom. inval. (: 357) [art. 2b]
- *Elodeetum nuttallii* (DE LANGE 1972) PASSARGE 1994a ass. coll. nov., nom. illeg. (: 342) [art. 3d, 39]
- *Elodeo-Potametum alpini* (KRAUSCH 1964) PODBIELKOWSKI (1967) PASSARGE 1994a nom. nov., nom. inval. (: 352, 353) [art. 2b]
- *Elodeo-Potametum crispum* (PIGNATTI 1954) PASSARGE 1994a ass. nov., nom. inval. (: 356) [art. 2b]
- *Elodeo-Potametum praelongi* (SAUER 1937) HILD (1959) PASSARGE 1994a nom. nov., nom. inval. (: 350) [art. 2b]
- *Glycerio-Callitrichetum obtusangulae* BRULLO, MINISSALE et SPAMPINATO 1994 ass. nov. (: 17) [IT]
- *Glycerio spicatae-Oenanthetum aquaticae* BRULLO, MINISSALE et SPAMPINATO 1994 ass. nov. (: 16, 17) [IT]
- *Groenlandio-Potametum nitentis* (KOCH 1926) PASSARGE 1994a nom. nov., nom. inval. (: 362) [art. 2b]
- *Isolepido-Potametum graminei* (MANEGOLD 1977) PASSARGE 1994a nom. nov., nom. inval. (: 359, 360) [art. 2b]
- *Myriophyllo spicati-Potametum nodosi* GÉHU, KAABECHE et GHARZOULI 1994c ass. nov. (: 303) [DZ]
- *Myriophyllo verticillati-Hydrilletum* (TOMASZIEWICZ 1979) PASSARGE 1994a nom. nov., nom. inval. (: 340) [art. 2b]
- *Nupharo-Potametum lucentis* PASSARGE (1964) 1994a ass. nov., nom. inval. (: 346) [art. 2b]
- *Nupharo-Potametum perfoliati* (ZONNEVELD 1960) ARENDT (1982) PASSARGE 1994a nom. nov., nom. inval. (: 349) [art. 2b]
- *Polygono-Potametum graminei* PASSARGE (1964) 1994a ass. nov., nom. inval. (: 360, 361) [art. 2b]
- *Potametum crispo-lucentis* PASSARGE 1994a ass. nov., nom. inval. (: 345) [art. 2b] [DE]
- *Potametum filiformi-graminei* PASSARGE 1994a ass. nov. (: 361) [DE]
[sub: *Potametum filiformi-graminei* PASSARGE (1963) comb. nov.]
- *Potametum filiformi-nitentis* PASSARGE (1963) 1994a nom. nov., nom. inval. (: 364) [art. 2b]
- *Potametum friesii-nitentis* (MICHNA 1976) PASSARGE 1994a nom. nov., nom. inval. (: 364) [art. 2b]
- *Potametum natanti-crispi* (KAISER 1926) PASSARGE 1994a nom. nov., nom. inval. (: 356) [art. 2b]
- *Potametum pectinato-nodosi* (KNAPP et STOFFERS 1962) PASSARGE 1994a ass. nov., nom. inval. (: 353, 354) [art. 2b]
- *Potametum perfoliato-alpini* (MICHNA 1976) PASSARGE 1994a ass. nov., nom. inval. (: 351) [art. 2b]
- *Potametum perfoliato-nitentis* (MICHNA 1976) PASSARGE 1994a nom. nov., nom. inval. (: 364) [art. 2b]
- *Potamogeton filiformis-Potamogeton perfoliatus*-Association PASSARGE 1994a ass. nov., nom. inval. (: 349) [art. 2b, 3b] [CH, DE]
- *Ranunculo-Elodeetum canadensis* (VAN DONSELAAR 1961) PASSARGE 1994a ass. nov., nom. inval. (: 342) [art. 2b]
- *Ranunculo trichophylli-Groenlandietum* (KÖHLER et al. 1974) PASSARGE 1994a ass. nov., nom. inval. (: 354) [art. 2b]

- *Utriculario-Potametum polygonifolii* (CHOUARD 1926) PASSARGE 1994a ass. nov., nom. inval. (: 366) [art. 2b]
- *Wolffio-Utricularietum neglectae* GÉHU, KAABECHE et GHARZOULI 1994c ass. nov. (: 303) [DZ]
- *Zanichellio-Myriophylletum alterniflori* GÉHU, KAABECHE et GHARZOULI 1994c ass. nov. (: 301) [DZ]

"Protosparago africana-Acacion karroo"

- *Protosparago africana-Acacion karroo* BEZUIDENHOUT, BREDEKAMP et THERON 1994c all nov., nom. inval. (: 216) [art. 5] [ZA, Transvaal]
- *Eragrostio curvulae-Acacietum karroo* BEZUIDENHOUT, BREDEKAMP et THERON 1994c ass. nov. (: 216) [ZA, Transvaal]
- *Protosparago suaveolentis-Acacietum karroo* BEZUIDENHOUT, BREDEKAMP et THERON 1994c ass. nov. (: 216) [ZA, Transvaal]
- *Rhoo lanceae-Acacietum caffrae* BEZUIDENHOUT, BREDEKAMP et THERON 1994c ass. nov. (: 221) [ZA, Transvaal]

Pterido-Eriaxietea rigidae

- *Baeckeo-Tieghemopanacetalia harmsii* HOFF 1994 ord. nov., nom. prov. (: 681) [art. 3b] [NC]
- *Costulario-Schoenetalia brevifolii* HOFF 1994 ord. nov., nom. prov. (: 682) [art. 3b] [NC]
- *Baeckeo-Tieghemopanacetalia harmsii* HOFF 1994 all. nov., nom. prov. (: 681) [art. 3b] [NC]
- *Codio-Hibbertion pancheri* HOFF 1994 all. nov., nom. prov. (: 682) [art. 3b] [NC]
- *Costulario-Schoenion brevifolii* HOFF 1994 all. nov., nom. prov. (: 682) [art. 3b] [NC]
- *Costulario-Styphelion albicantis* (JAFFRÉ 1980) HOFF 1994 all. nov., nom. prov. (: 681) [art. 3b] [NC]
- *Knighthio-Argophyllion laxi* (JAFFRÉ 1980) HOFF 1994 all. nov., nom. prov. (: 681) [art. 3b] [NC]
- *Alixio-Styphelietum cymbulae* HOFF 1994 ass. nov., nom. prov. (: 682) [art. 3b] [NC]
- *Baeckeo-Costularietum comosae* HOFF 1994 ass. nov., nom. prov. (: 681) [art. 3b] [NC]
- *Balanopsio-Hibbertietum brongniartii* HOFF 1994 ass. nov., nom. prov. (: 682) [art. 3b] [NC]
- *Costulario-Styphelietum albicantis* (JAFFRÉ 1980) HOFF 1994 ass. nov., nom. prov. (: 681) [art. 3b] [NC]
- *Dendrobio-Agathidetum ovatae* HOFF 1994 ass. nov., nom. prov. (: 682) [art. 3b] [NC]
- *Hibbertio-Garcinietum amplexicaulis* HOFF 1994 ass. nov., nom. prov. (: 681) [art. 3b] [NC]
- *Knighthio-Argophyllion laxi* (JAFFRÉ 1980) HOFF 1994 ass. nov., nom. prov. (: 681) [art. 3b] [NC]
- *Normandio-Hibbertietum altigenae* HOFF 1994 ass. nov., nom. prov. (: 681) [art. 3b] [NC]
- *Pancherio-Baeckeeium ericoidis* HOFF 1994 ass. nov., nom. prov. (: 682) [art. 3b] [NC]
- *Pancherio-Casuarinetum deplanchei* HOFF 1994 ass. nov., nom. prov. (: 682) [art. 3b] [NC]
- *Rapaneo-Araucarietum laubenfelsii* HOFF 1994 ass. nov., nom. prov. (: 681) [art. 3b] [NC]
- *Rapaneo-Araucarietum rulei* (JAFFRÉ 1980) HOFF 1994 ass. nov., nom. prov. (: 682) [art. 3b] [NC]

Quercetea ilicis

- *Calluno vulgaris-Lauretum nobilis* FERNÁNDEZ PRIETO, ARBESÚ et BUENO in DÍAZ GONZÁLEZ et FERNÁNDEZ PRIETO 1994 ass. nov. (: 323) [ES]
- *Clematido cirrhosae-Pistacietum lentisci* GAMISANS et MURACCIOLE 1985 corr. superfl. in GÉHU et BIONDI 1994 (: 111, 113) [art. 14, 40]
- *Frangulo alni-Arbutetum unedonis* DÍAZ GONZÁLEZ et FERNÁNDEZ PRIETO 1994 ass. nov. (: 321, 323) [ES]
- *Genisto occidentalis-Quercetum cocciferae* LOIDI, HERRERA, OLANO et SILVÁN 1994 ass. nov. (: 536-537) [ES]
- *Junipero macrocarpae-Euphorbietum dendroidis* GÉHU et BIONDI 1994 ass. nov. (: 113) [FR, Corse]
- *Lauro-Quercetum pubescentis* BARBERO et QUÉZEL 1994 ass. nov. (: 84) [FR]
- *Lonicero implexae-Quercetum rotundifoliae* LOUSÁ, ESPRITO SANTO et COSTA 1994 ass. nov. (: 222) [PT]
- *Phillyreo latifoliae-Arbutetum unedonis* LOIDI, HERRERA, OLANO et SILVÁN 1994 ass. nov. (: 536-537) [ES]
- *Rhamno saxatilis-Juniperetum phoeniceae* ROSELLÓ GIMENO 1994 ass. nov. (: 445) [ES]
- *Rubio longifoliae-Juniperetum oxycedri* COSTA, CAPELO, LOUSÁ et AGUIAR 1994 ass. nov., nom. prov. [art. 3b] (: 509) [PT]
- *Taxo-Quercetum ilicis* BARBERO et QUÉZEL 1994 ass. nov. (: 83) [FR]
- *Tetraclinido articulatae-Quercetum cocciferae* BENABID et FENNANE 1994 ass. nov. (: 42) [MA]
- *Ulici gallii-Arbutetum unedonis* LOIDI, HERRERA, OLANO et SILVÁN 1994 ass. nov. (: 536-537) [ES]
- *Zizipho loti-Rhoetum tripartitii* QUÉZEL, BARBERO, BENABID et RIVAS-MARTÍNEZ 1994 ass. nov. (: 543, 544) [MA]

Quercetea pubescentis (see also *Quercu-Fagetea*)

- *Arabido-Juniperetum excelsae* SERIN et EYCE 1994 ass. nov., nom. inval. (: 220, 222) [art. 3g] [TR]
- *Astragalo-Pinetum brutiae* SERIN et EYCE 1994 ass. nov. (: 206, 212) [art. 3g] [TR]

- *Astragalo podperi-Juniperetum foetidissimae* TATLI, EYCE et SERIN 1994 ass. nov. (: 270, 278) [TR]
- *Cicerbito-Cedretum libani* SERIN et EYCE 1994 ass. nov. (: 215, 219) [TR]
- *Diantho micranthi-Pinetum nigrae* TATLI, EYCE et SERIN 1994 ass. nov. (: 269, 270) [TR]
- *Genisto-Styracetum officinalis* SERIN et EYCE 1994 ass. nov. (: 205, 209) [TR]
- *Iberido-Abietetum cilicicae* SERIN et EYCE 1994 ass. nov. (: 215, 217) [TR]
- *Ilici-Quercetum pubescentis* BARBERO et QUÉZEL 1994 ass. nov. (: 85) [FR]
- *Lathyro digitati-Quercetum cerridis* TATLI, EYCE et SERIN 1994 ass. nov. (: 270) [TR]
- *Quercetum boissierii* BEHÇET 1994b ass. nov. (: 292, 293) [TR]
- *Rubo incanescens-Quercetum canariensis* QUÉZEL 1956 nom. mut., nom. illeg. in MEDDOUR 1994 (: 49) [art. 45]
- *Salvio-Quercetum cocciferae* SERIN et EYCE 1994 ass. nov., nom. inval. (: 205, 206) [art. 3g] [TR]
- *Salvio tomentosae-Cistetum laurifolii* TATLI, EYCE et SERIN 1994 ass. nov. (: 278, 281) [TR]
- *Seslerio albicantis-Quercetum pubescentis* CHYTRÝ 1994 ass. nov. (: 123, 131) [SK]
- *Sileno-Pinetum nigrae* SERIN et EYCE 1994 ass. nov., nom. inval. (: 206, 214) [art. 3g] [TR]

Quercetea robori-petraeae

- *Carici arenariae-Betuletum* RINGER 1994 ass. nov., nom. inval. (: 128) [art. 3g] [DE, "Borkum", "Norderney"]

Querceto-Fagetea (see also *Quercetea robori-petraeae*)

- *Buxo-Fagion* BARBERO et QUÉZEL 1994 all. nov. (: 87, 88) [FR]
- *Ulmo glabrae-Tilienion cordatae* KIELLAND-LUND 1994 suball. nov., nom. inval. (: 308) [art. 5] [NO]
- *Allio montani-Quercetum pubescentis* STEIGER 1994 ass. nov., nom. prov. (: 197) [art. 3b] [CH]
- *Alno viridis-Sorbetum aucupariae* STEIGER 1994 ass. nov., nom. prov. (: 96) [art. 3b] [CH]
- *Amelanchiero-Pinetum mugo* MINGHETTI in PEDROTTI 1994 ass. nov. (: 134, 137) [IT, "Alps"]
- *Cotino-Amelanchieretum ovalis* PEDROTTI et MINGHETTI in PEDROTTI 1994 ass. nov. (: 45) [IT, "Alps"]
- *Cytiso sessilifolii-Amelanchieretum ovalis* PEDROTTI, GAFTA et MINGHETTI in PEDROTTI 1994 ass. nov., nom. illeg. (: 11) [Art. 31] [IT, "Alps"]
- △ *Dryopterido carthusiana-Fagetum* (BURDUJA, MIHAI et SÂRBU 1972) CHIFU et ȘTEFAN 1994 nom. nov. (: 72) [RO]
- *Festuco giganteae-Fraxinetum excelsioris* FERNÁNDEZ PRIETO et BUENO in DÍAZ GONZÁLEZ et FERNÁNDEZ PRIETO 1994 ass. nov. (: 299, 300) [ES]
- *Galio odorati-Abietetum* GAFTA 1994 ass. nov. (: 58, tab. 11) [IT, "Alps"]
- △ *Galio schultesii-Fagetum* (BURDUJA, MIHAI et SÂRBU 1972) CHIFU et ȘTEFAN 1994 nom. nov. (: 72) [RO]
- △ *Hacquetio epipactidis-Fraxinetum* MARINČEK ex POLDINI et NARDINI 1994 ass. nov. (: 225) [IT]
- *Humulo lupuli-Alnetum glutinosae* BIURRUN, GARCÍA-MIJANGOS et LOIDI 1994 ass. nov. (: 46) [ES]
- *Luzulo henriquesii-Aceretum pseudoplatani* FERNÁNDEZ PRIETO et BUENO in DÍAZ GONZÁLEZ et FERNÁNDEZ PRIETO 1994 ass. nov. (: 294) [ES]
- *Luzulo henriquesii-Quercetum petraeae* (FERNÁNDEZ PRIETO et VÁSQUEZ 1987) DÍAZ GONZÁLEZ et FERNÁNDEZ PRIETO 1994 ass. nov. (: 293) [ES]
- *Luzulo niveae-Abietetum* GAFTA 1994 ass. nov. (: 58, tab. 14) [IT, "Alps"]
- △ *Polysticho lonchitis-Fagetum* (HORVAT 1938) MARINČEK in POLDINI et NARDINI 1994 ass. nov. (: 248) [IT]
- *Rubio peregrinae-Populetum albae* VARESE 1994 ass. nov., nom. prov. (: 582, 584, 585) [art. 3b] [FR]
- *Salicetum angustifolio-albae* DÍAZ GONZÁLEZ et FERNÁNDEZ PRIETO 1994 ass. nov. (: 302, 303) [ES]
- *Salici-Populetum* VARESE 1994 ass. nov., nom. prov. (: 582, 584, 585) [art. 3b] [FR]
- *Smilaco-Arbutetum unedonis* DÍAZ GONZÁLEZ et FERNÁNDEZ PRIETO 1994 ass. nov. (: 308, 310) [ES]

Rhamno-Prunetea (see also *Querceto-Fagetea*)

- *Carpino-Prunetion spinosae* DELELIS-DUSOLLIER, BOTINEAU, WATTEZ-FRANGER et GHESTEM 1994 suball. nov., nom. inval. (: 516) [art. 8] [FR]
- *Erico scopariae-Spiraeetum obovatae* BOTINEAU et GHESTEM 1994 ass. nov. (: 335) [FR]
- *Evonymo-Ribetum alpini* DELELIS-DUSOLLIER, BOTINEAU, WATTEZ-FRANGER et GHESTEM 1994 ass. nov. [?], nom. inval. (: 516) [art. 5] [FR]
- *Rhamno saxatilis-Ericetum scopariae* BOTINEAU et GHESTEM 1994 ass. nov. (: 335) [FR]

Rhoo leptodictyo-Acacion caffrae

- *Rhoo leptodictyo-Acacion caffrae* BEZUIDENHOUT, BREDEKAMP et THERON 1994a all. nov., nom. inval. (: 74) [art. 5, 17] [ZA]

- *Acacietum karroo-caffrae* BEZUIDENHOUT, BREDEKAMP et THERON 1994a ass. nov. (: 74) [ZA]
- *Dombeyo rotundifoliae-Acacietum caffrae* BEZUIDENHOUT, BREDEKAMP et THERON 1994a ass. nov. (: 79) [art. 5] [ZA]
- *Proteo caffrae-Acacietum caffrae* BEZUIDENHOUT, BREDEKAMP et THERON 1994a ass. nov. (: 79) [ZA]
- *Rhoo rigidae-Acacietum caffrae* BEZUIDENHOUT, BREDEKAMP et THERON 1994a ass. nov. (: 79) [ZA]

Rosmarinetea

- *Asperulo hirsutae-Ulicetum scabri* RIVAS-MARTÍNEZ in DIÉZ GARRETAS et ASENSI MARFIL 1994 ass. nov. (: 543) [ES]
- *Astragalo massiliensis-Genistetum corsicae* GÉHU et BIONDI 1994 ass. nov. (: 106) [FR, Corse]
- *Sideriitido chamaedryfoliae-Teucrietum dunensis* DE LA TORRE et ALCARAZ 1994 ass. nov. (: 131) [ES]
- *Teucrio lusitanici-Coridothymetum capitati* (RIVAS GODAY et RIVAS-MARTÍNEZ 1969) RIVAS-MARTÍNEZ in DIÉZ GARRETAS et ASENSI MARFIL 1994 nom. nov. (: 542)
- *Ulici baetici-Cistetum clusii* RIVAS GODAY et RIVAS-MARTÍNEZ 1969 corr. ASENSI MARFIL et DIÉZ GARRETAS in DIÉZ GARRETAS et ASENSI MARFIL 1993 (: 542)

Ruderali-Manihotetea

- *Sido-Sennion obtusifoliae* SINSIN 1994 all. nov. (: 94) [BJ]
- *Setario-Sporobolium pyramidalis* SINSIN 1994 ass. nov., nom. inval. (: 94, 99) [art. 3g] [BJ]

Ruderali-Secalietea

- *Artemision variabilis* BIONDI, BALLELLI, ALLEGREZZA, TAFFETANI et FRANCALANCIA 1994 all. nov. (: 55) [IT]
- *Stipion capensis* BR.-BL. ex BOLÒS 1956 nom. mut., nom. illeg. in CANO CARMONA et GARCÍA FUENTES 1994 (: 60) [art. 45]
- *Arenario hispanicae-Chamaemeletum fuscatae* GALÁN DE MERA 1994 ass. nov. (: 114) [ES]
- *Biscutello auriculatae-Erucetum longirostris* RIVAS-MARTÍNEZ 1978 nom. mut., nom. illeg. in CANO CARMONA et GARCÍA FUENTES 1994 (: 50) [art. 45]
- *Convolvulo cupaniani-Malopetum trifidae* GALÁN DE MERA 1994 ass. nov. (: 120) [MA]
- *Conyzo canadensis-Chenopodietum botryos* BIONDI, BALLELLI, ALLEGREZZA, TAFFETANI et FRANCALANCIA 1994 ass. nov. (: 53) [IT]
- *Myosotido discolori-Brassicetum barrelieri* RIVAS GODAY 1964 nom. mut., nom. illeg. in CANO CARMONA et GARCÍA FUENTES 1994 (: 65) [art. 45]
- *Trifolietum angustifolio-glomerati* ROSELLÓ GIMENO 1994 ass. nov. (: 397) [ES]

Saginetea maritimae

- *Desmazerio marini-Brometum ferronii* BIRET 1994 ass. nov. (: 134) [FR]
- *Limonio avei-Hymenolobetum procumbentis* BRULLO, SCELSEI et SIRACUSA 1994 [1995?] ass. nov. (: 354) [IT, Sicilia]
- *Limonio-Parapholidetum marginatae* BRULLO, SCELSEI et SIRACUSA 1994 [1995?] ass. nov. (: 354) [IT, Sicilia]
- *Parapholidetum filiformis* BRULLO, SCELSEI et SIRACUSA 1994 [1995?] ass. nov. (: 358) [IT, Sicilia]

Salicetea purpureae

- *Aino incanae-Salicetum albae* VARESE 1994 ass. nov., nom. inval. (: 576, 577) [art. 5] [FR]
- *Brachypodio phoenicoidis-Populetum nigrae* VARESE 1994 ass. nov., nom. inval. (: 580, 581, 583) [art. 5] [FR]
- *Corylo-Populetum nigrae* VARESE 1994 ass. nov., nom. inval. (: 575, 581) [art. 5] [FR]
- *Phalarido-Populetum nigrae* VARESE 1994 ass. nov., nom. inval. (: 580, 583) [art. 5] [FR]

Salicornietea

- △ *Agropyretalia pycnanthi* GÉHU 1968 corr. DÍAZ GONZÁLEZ et FERNÁNDEZ PRIETO 1994 (: 469)
- △ *Agropyron pycnanthi* GÉHU 1968 corr. DÍAZ GONZÁLEZ et FERNÁNDEZ PRIETO 1994 (: 469)
- *Puccinellio maritimae-Halimionion portulacoidis* GÉHU 1994 all. nov., nom. inval. (: 194) [art. 5, 8]
- *Puccinellietum giganteae* BEHÇET 1994a ass. nov. (: 237, 238) [TR]

"Scaevolo-Casuarinetea equisetifoliae"

- *Scaevolo-Casuarinetea equisetifoliae* HOFF 1994 cl. nov., nom. prov. (: 678) [art. 3b] [NC]
- *Scaevolo-Casuarinetalia equisetifoliae* HOFF 1994 ord. nov., nom. prov. (: 678) [art. 3b] [NC]
- *Scaevolo-Casuarinon equisetifoliae* HOFF 1994 all. nov., nom. prov. (: 678) [art. 3b] [NC]
- *Loto-Wedelietum uniflorae* HOFF 1994 ass. nov., nom. prov. (: 678) [art. 3b] [NC]
- *Wedelio-Casuarinetum equisetifoliae* HOFF 1994 ass. nov., nom. prov. (: 678) [art. 3b] [NC]

Scaevolo-Ipomoeetea pedis-caprae

- *Scaevolo-Ipomoeetalia* OHBA 1994 ord. nov., nom. prov. (: 50) [art. 3b] [MP]
- *Ipomoeion pedis-caprae* OHBA 1994 all. nov., nom. prov. (: 50) [art. 3b] [MP]
- *Capparidetum cordifoliae* OHBA 1994 ass. nov., nom. inval. (: 32) [art. 5] [MP]
- *Crinetum asiaticae* OHBA 1994 ass. nov., nom. inval. (: 36) [art. 5] [MP]
- *Fimbristylidetum cymosae* OHBA 1994 ass. nov., nom. inval. (: 46) [art. 5] [MP]
- *Portulacetum luteae* OHBA 1994 ass. nov., nom. inval. (: 44) [art. 5] [MP]
- *Zoysietum matrellae* OHBA 1994 ass. nov., nom. inval. (: 35) [art. 5] [MP]

Scheuchzerio-Caricetea fuscae

- *Drosero anglicae-Narthecietum ossifragi* FERNÁNDEZ PRIETO, FERNÁNDEZ ORDOÑEZ et COLLADO in DÍAZ GONZÁLEZ et FERNÁNDEZ PRIETO 1994 ass. nov. (: 483) [ES]

Sedo-Scleranthetea (see also *Koelerio-Coryneporetea*)

- *Sedo reflexi-Leontodontion hispidi* MICHALET in COQUILLARD, GUEUGNOT, JULVE, MICHALET et MICHELIN 1994 all. nov., nom. prov. (: 43) [art. 3b] [FR]
- *Euphorbio truncatae-Cladonietum symphicarpa* BRAQUE et LOISEAU 1994 ass. nov., nom. inval. (: 100) [art. 5] [FR]
- *Peltigero rufescentis-Allietum sphaerocephali* BRAQUE et LOISEAU 1994 ass. nov., nom. inval. (: 34) [art. 5] [FR]
- *Sedo anglici-Scilletum vernae* BIRET 1994 ass. nov. (: 131) [FR]
- *Vulpio unilateralis-Desmazerietum rigidi* BRAQUE et LOISEAU 1994 ass. nov., nom. inval. (: 98) [art. 5] [FR]

Seslerietea albicantis (see *Elyno-Seslerietea*)*Sido-Stachytarphetetea indicae*

- *Nephrolepido-Polygalatalia paniculatae* HOFF 1994 ord. nov., nom. prov. (: 683) [art. 3b] [NC]
- *Stachytarpheto-Melastometalia malabathrici* HOFF 1994 ord. nov., nom. prov. (: 684) [art. 3b] [NC]
- *Dicranopterido-Melastomion malabathrici* HOFF 1994 all. nov., nom. prov. (: 684) [art. 3b] [NC]
- *Nephrolepido-Polygalion paniculatae* HOFF 1994 all. nov., nom. prov. (: 683) [art. 3b] [NC]
- *Paspalo-Elephantopion mollis* HOFF 1994 all. nov., nom. prov. (: 684) [art. 3b] [NC]
- *Cyatheo-Rubetum roseifolii* HOFF 1994 ass. nov., nom. prov. (: 684) [art. 3b] [NC]
- *Dicranopterido-Melastometum malabathrici* HOFF 1994 ass. nov., nom. prov. (: 684) [art. 3b] [NC]
- *Guioo-Nephrolepidetum cordifoliae* HOFF 1994 ass. nov., nom. prov. (: 683) [art. 3b] [NC]
- *Lantano-Polygalietum paniculatae* HOFF 1994 ass. nov., nom. prov. (: 683) [art. 3b] [NC]
- *Paspalo-Elephantopetum mollis* HOFF 1994 ass. nov., nom. prov. (: 684) [art. 3b] [NC]
- *Sido-Stenotaphretum dimidiati* HOFF 1994 ass. nov., nom. prov. (: 684) [art. 3b] [NC]

Soncho-Bidentetea

- *Spermacocetalia stachydeae* SINSIN 1994 ord. nov., nom. inval. (: 95) [art. 5] [BJ]
- *Andropogonion pseudocaprici* SINSIN 1994 all. nov. (: 96) [BJ]
- *Kohaution grandiflorae* SINSIN 1994 all. nov. (: 95) [BJ]
- *Spermacoco-Pennisetion polystachii* SINSIN 1994 all. nov., nom. inval. (: 95) [art. 8] [BJ]
- *Celosietum trigynae* SINSIN 1994 ass. nov. (: 95, 100) [BJ]
- *Desmodietum hirti* SINSIN 1994 ass. nov. (: 96, 101) [BJ]

- *Rivino-Passifloretum suberosae* HOFF 1994 ass. nov., nom. prov. (: 684) [art. 3b] [NC]
- *Urochloa-Tephrosietum pedicellatae* SINSIN 1994 ass. nov., nom. inval. (: 96, 100) [art. 3g] [BJ]

Spartocytisetea supranubii

- *Spartocytisetea supranubii* SCHÖNFELDER et VOGGENREITER 1994 cl. nov. (: 481) [ES, Canary Is]
- *Spartocytisetalia supranubii* SCHÖNFELDER et VOGGENREITER 1994 ord. nov. (: 481) [ES, Canary Is]
- *Echietum auberiani* SCHÖNFELDER et VOGGENREITER 1994 ass. nov. (: 470) [ES, Canary Is]

“*Stenotaphro-Acacieta simplicis*”

- *Stenotaphro-Acacieta simplicis* HOFF 1994 cl. nov., nom. prov. (: 679) [art. 3b] [NC]
- *Leucaeno-Vitietalia trifoliatae* HOFF 1994 ord. nov., nom. prov. (: 679) [art. 3b] [NC]
- *Stenotaphro-Scaevoletalia sericeae* HOFF 1994 ord. nov., nom. prov. (: 679) [art. 3b] [NC]
- *Cenchro-Ipomoeion pedis-caprae* HOFF 1994 all. nov., nom. prov. (: 679) [art. 3b] [NC]
- *Lepturo-Scaevolion sericeae* HOFF 1994 all. nov., nom. prov. (: 679) [art. 3b] [NC]
- *Leucaeno-Chlorision virgatae* HOFF 1994 all. nov., nom. prov. (: 679) [art. 3b] [NC]
- *Stenotaphro-Acacion simplicis* HOFF 1994 all. nov., nom. prov. (: 679) [art. 3b] [NC]
- *Stenotaphro-Derrision trifoliolatae* HOFF 1994 all. nov., nom. prov. (: 679) [art. 3b] [NC]
- *Lepturo-Cenchretum echinatae* HOFF 1994 ass. nov., nom. prov. (: 679) [art. 3b] [NC]
- *Lepturo-Ipomoeetum pedis-caprae* HOFF 1994 ass. nov., nom. prov. (: 679) [art. 3b] [NC]
- *Lepturo-Scaevoletum sericeae* HOFF 1994 ass. nov., nom. prov. (: 679) [art. 3b] [NC]
- *Leucaeno-Chlorisetum virgatae* HOFF 1994 ass. nov., nom. prov. (: 679) [art. 3b] [NC]
- *Sporobolo-Acacieta simplicis* HOFF 1994 ass. nov., nom. prov. (: 679) [art. 3b] [NC]
- *Stenotaphro-Abutilietum indicae* HOFF 1994 ass. nov., nom. prov. (: 679) [art. 3b] [NC]
- *Stenotaphro-Derrisetum trifoliolatae* HOFF 1994 ass. nov., nom. prov. (: 679) [art. 3b] [NC]

Stellarietea mediae (see also *Chenopodietea*)

- *Bromo rubentis-Lamarckietum aureae* BIONDI, BLASI, BRUGIAPAGLIA, FOGU et MOSSA 1994 ass. nov. (: 306) [IT, Sardegna]
- *Lactuco serriolae-Atriplicetum sagittatae* (KNAPP ex SCHREIER 1955) WIBKIRCHEN et KRAUSE 1994 nom. nov. (: 434)
- *Sileno gallicae-Brometum gussonei* GÉHU et BIONDI 1994 ass. nov. (: 54) [FR, Corse]
- *Vallantio-Solenopsidetum annuae* BRULLO, SCELISI et SIRACUSA 1994 [1995?] ass. nov. (: 362) [IT, Sicilia]

Stipo-Trachynietea distachyae

- *Atractylido-Neatostemetum apuli* BRULLO, SCELISI et SIRACUSA 1994 [1995?] ass. nov. (: 352) [IT, Sicilia]

Thero-Salicornietea

- *Halocnemion strobilacei* (GÉHU et COSTA 1984) ABBAS et GÉHU 1994 all. nov. et stat. nov., nom. inval. (: 113) [art. 2b]
- *Salicornio patulae-Crypsietum aculeatae* PARADIS et LORENZONI 1994 ass. nov. (: 20) [FR, Corse]
- *Scorzoneretum parviflorae* BEHÇET 1994a ass. nov. (: 238, 239) [TR]

Thlaspietea rotundifolii

- *Iberido-Linarion propinqua* DÍAZ GONZÁLEZ et FERNÁNDEZ PRIETO 1994 all. nov. (: 445) [ES]
- *Aquilegion bertolonii* TOMASELLI 1994 suball. nov. (: 41, 46) [IT]
- *Arabidenion alpinae* (BÉGUIN 1972) EGGENSBERGER 1994 suball. nov. et stat. nov. (: 77) [recte: BÉGUIN 1974]
- *Petasitenion paradoxo* EGGENSBERGER 1994 suball. nov. (: 84)
[sub: *Petasitenion paradoxo* ZOLLITSCH 66]
- *Athamanto cretensis-Trisetetum argentei* POLDINI et MARTINI 1994 ass. nov. (: 172) [IT]
- *Hieracietum intybacei* POLDINI et MARTINI 1994 ass. nov. (: 153) [IT]

- *Linario glabrescentis-Rumicetum suffruticosi* DÍAZ GONZÁLEZ et FERNÁNDEZ PRIETO 1994 ass. nov. (: 450, 451) [ES]
- *Saxifrago-Leontodontetum hyoseroidis* TOMASELLI 1994 ass. nov., nom. inval. (: 41, 46) [art. 3g] [IT]

“Trachypogono spicati-Diheteropogonion amplectentis”

- *Trachypogono spicati-Diheteropogonion amplectentis* BEZUIDENHOUT, BREDEKAMP et THERON 1994b all. nov., nom. inval. (: 159) [Art. 5, 17] [ZA, Transvaal]
- *Alloterospido semialatae-Tristachyetum leucothricis* BEZUIDENHOUT, BREDEKAMP et THERON 1994b ass. nov. (: 159) [ZA, Transvaal]
- *Loudetio simplicis-Diheteropogonetum amplectentis* BEZUIDENHOUT, BREDEKAMP et THERON 1994b ass. nov. (: 159) [ZA, Transvaal]

Trifolio-Geranietea

- *Centaureo lugdunensis-Melampyretum cristati* BRAQUE et LOISEAU 1994 ass. nov., nom. inval. (: 34) [art. 5] [FR]
- *Euphorbio angulatae-Spiraeetum obovatae* BRAQUE et LOISEAU 1994 ass. nov., nom. prov. (: 34) [art. 3b] [FR]
- *Fragario-Trifolietum rubentis* PASSARGE 1994b ass. nov. (: 170) [DE]
- *Odontio chrysanthae-Phyteumatetum teneri* BRAQUE et LOISEAU 1994 ass. nov., nom. inval. (: 154) [art. 5] [FR]
- *Sanguisorbo-Silenetum nutantis* PASSARGE 1994b ass. nov. (: 170) [DE]
- *Veronico chamaedryos-Hieracietum laevigatae* PASSARGE 1994c ass. nov. (: 93) [DE]
- *Veronico-Peucedanetum cervariae* PASSARGE 1994b ass. nov., nom. inval. (: 168) [art. 3g] [DE]

Tuberarietea guttatae

- *Laguro-Vulpion fasciculatae* GÉHU et BIONDI 1994 all. nov. (: 51) [FR, Corse]
- *Ammochloo palaestinae-Linarietum nigricantis* MOTA, CABELLO, GÓMEZ MERCADO et PEÑAS 1994 ass. nov. (: 54) [ES]
- *Bellidi-Solenopsidetum laurentiae* BRULLO, SCELISI et SIRACUSA 1994 [1995?] ass. nov. (: 348) [IT, Sicilia]
- *Bupleuro-Ononidetum reclinatae* BRULLO, SCELISI et SIRACUSA 1994 [1995?] ass. nov. (: 350) [IT, Sicilia]
- *Cerastio taurici-Myosotidetum ramosissimae* ROSELLÓ GIMENO 1994 ass. nov. (: 405) [ES]
- *Corrigiolo telephifoliae-Corynephorretum articulati* GÉHU, BIONDI, GÉHU-FRANCK et TAFFETANI ex GÉHU et BIONDI 1994 ass. nov. (: 44) [FR, Corse]
- *Cutandietum maritimae* PIAZZA et PARADIS 1994 ass. nov. (: 74) [FR, Corse]
- *Hélianthemo angustati-Euphorbietum sulcatae* GARCÍA RÍO et NAVARRO ANDRÉS 1994 ass. nov., nom. prov. (: 165) [art. 3b] [ES]
- *Herniario-Crassuletum tillaeae* BRULLO, SCELISI et SIRACUSA 1994 [1995?] ass. nov. (: 349) [IT, Sicilia]
- *Iflogo spicatae-Silenetum adscendentis* MOTA, CABELLO, GÓMEZ MERCADO et PEÑAS 1994 ass. nov. (: 54, 57) [ES]
- * *Senecioni leucanthemifolii-Matthioletum tricuspidatae* (PARADIS et PIAZZA 1992) GÉHU et BIONDI 1994 ass. nov., nom. superfl. (: 43, 44) [art. (25) 29] [FR, Corse]
- *Sileno gallicae-Corynephorretum articulati* GÉHU et BIONDI 1994 ass. nov. (: 49) [FR, Corse]
- *Sileno nicaeensis-Cutandietum maritimae* GÉHU et BIONDI 1994 ass. nov. (: 41) [FR, Corse]
- *Sileno nicaeensis-Ononidetum diffusae* PARADIS et PIAZZA ex GÉHU et BIONDI 1994 ass. nov. (: 49) [FR, Corse]
- *Sileno nicaeensis-Ononidetum variegatae* (GÉHU, BIONDI, GÉHU-FRANCK et ARNOLD-APOSTOLIDES 1986) GÉHU et BIONDI 1994 ass. nov., nom. illeg. (: 38, 41) [art. 31] [FR, Corse]
- *Sileno nicaeensis-Vulpietum fasciculatae* GÉHU et BIONDI 1994 ass. nov. (: 51) [FR, Corse]
- *Sileno sericeae-Cutandietum maritimae* GÉHU et BIONDI 1994 ass. nov. (: 41) [FR, Corse]
- *Sileno sericeae-Ononidetum variegatae* PARADIS et PIAZZA ex GÉHU et BIONDI 1994 ass. nov., nom. inval. (: 41, 147) [art. (1), 6] [FR, Corse]
- *Tuberario-Anemonetum palmatae* BRULLO, SCELISI et SIRACUSA 1994 [1995?] ass. nov. (: 344) [IT, Sicilia]

Utricularietea intermedii-minoris

- *Helosciadio-Utricularietum exoletae* GÉHU, KAABECHE et GHARZOULI 1994c ass. nov. (: 304) [DZ]

Wintero-Nothofagetea

- *Racomitrio-Pilgerodendrienion* PISANO 1994 suball. nov., nom. prov. (: 10) [art. 3b] [CL, Chile South]
- *Hebetum ellipticae* PISANO 1994 ass. nov., nom. prov. (: 9, 15) [art. 3b] [CL, Chile South]
- *Hebetum salicifolii* PISANO 1994 ass. nov., nom. prov. (: 9, 15) [art. 3b] [CL, Chile South]
- *Racomitrio-Pilgerodendretum* PISANO 1994 ass. nov., nom. prov. (: 10, 14) [art. 3b] [CL, Chile South]

Incertae sedis

- *Allenrolfeetum occidentale* PEINADO, ALCARAZ, DELGADILLO, DE LA CRUZ, ÁLVAREZ et AUIRRE 1994 ass. nov. (: 65) [MX, Mexico Northwest; US, California]
- *Alno glutinosae-Coryletum avellanae* JULVE et GILLET 1994 ass. nov., nom. prov. (: 55) [art. 3b] [PL]
- *Asplenio-Hedycaryetum baudouinii* HOFF 1994 ass. nov., nom. prov. (: 684) [art. 3b] [NC]
- *Athyrio filicis-feminae-Hyacinthoidetum non-scriptae* DE FOUCAULT 1994a ass. nov., nom. inval. (: 7) [art. 5] [FR]
- *Atriplici julaceae-Frankenietum palmeri* PEINADO, ALCARAZ, DELGADILLO, DE LA CRUZ, ÁLVAREZ et AUIRRE 1994 ass. nov. (: 65) [MX, Mexico Northwest; US, California]
- *Axonopo schultesii-Schoenoccephalietum martiani* DUIVENVOORDEN et CLEEF 1994 ass. nov. (: 219) [CO]
- *Bartramio potosicae-Bryoerythrophylletum jamesonii* ALMEIDA, CLEEF, HERRERA, VELAZQUEZ et LUNA 1994 ass. nov. (: 401) [MX, Mexico Central]
- *Basselenio-Araucarietum humboldtensis* HOFF 1994 ass. nov., nom. prov. (: 685) [art. 3b] [NC]
- *Beccariello-Rapaneetum lanceolatae* HOFF 1994 ass. nov., nom. prov. (: 685) [art. 3b] [NC]
- *Betulo carpaticae-Pinetum sylvestris* JULVE et GILLET 1994 ass. nov., nom. prov. (: 55) [art. 3b] [PL]
- *Betulo humilis-Betulocoenetum pubescentis* JULVE et GILLET 1994 coenass. nov., nom. prov. (: 57) [art. 3b, 3d] [PL]
- *Betulo humilis-Salicetum rosmarinifoliae* JULVE et GILLET 1994 ass. nov., nom. prov. (: 58) [art. 3b] [PL]
- *Betulo pubescentis-Alnetum glutinosae* JULVE et GILLET 1994 ass. nov., nom. prov. (: 57) [art. 3b] [PL]
- *Betulo pubescentis-Piceetum abietis* JULVE et GILLET 1994 ass. nov., nom. prov. (: 54) [art. 3b] [PL]
- *Boehmerietum virgatae* OHBA 1994 ass. nov., nom. inval. (: 31) [art. 5] [MP]
- *Cardamino flexuosae-Rumicetum sanguinei* JULVE et GILLET 1994 ass. nov., nom. prov. (: 48) [art. 3b] [PL]
- *Carici bessarabicae-Festucetum orientalis* GÉHU, ROMAN et BOULLET 1994 ass. nov. (: 80) [RO]
- *Carici curtae-Quercocoenetum roboris* JULVE et GILLET 1994 coenass. nov., nom. inval. (: 52) [art. 3d] [PL]
- *Carici elongatae-Alnocoenetum glutinosae* JULVE et GILLET 1994 coenass. nov., nom. inval. (: 55) [art. 3d] [PL]
- *Carici lungentis-Salicetum lanatae* SEKRETAREVA 1994 ass. nov., nom. inval. (: 62, 63) [art. 5] [RU.]
- *Carici remotae-Piceocoenetum abietis* JULVE et GILLET 1994 coenass. nov., nom. inval. (: 51) [art. 3d] [PL]
- *Carici sylvaticae-Orchidetum purpureae* DE FOUCAULT 1994d ass. nov., nom. inval. (: 30, 32) [art. 5] [FR]
- *Carpino betuli-Tilietum cordatae* JULVE et GILLET 1994 ass. nov., nom. prov. (: 50) [art. 3b] [PL]
- *Circaeo alpinae-Oxalidetum acetosellae* JULVE et GILLET 1994 ass. nov., nom. prov. (: 56) [art. 3b] [PL]
- *Cirsio oleracei-Fraxinocoenetum excelsioris* JULVE et GILLET 1994 coenass. nov., nom. inval. (: 46) [art. 3d] [PL]
- *Convolvulo arvensis-Imperatetum cylindrici* ABD EL-GHANI 1994 ass. nov., nom. inval. (: 387, 390) [art. 5] [EG]
- *Cymbopogono plurinodis-Eragrostietum gummifluae* BEZUIDENHOUT, BREDEKAMP et THERON 1994b ass. nov. (: 159) [ZA, Transvaal]
- *Cypero pannonicis-Eleocharitetum quinqueflorae* GÉHU, ROMAN et BOULLET 1994 ass. nov. (: 84) [RO]
- *Dacridio-Araucarietum montanae* HOFF 1994 ass. nov., nom. prov. (: 685) [art. 3b] [NC]
- *Digitarietum gaudichaudii* OHBA 1994 ass. nov., nom. inval. (: 36) [art. 5] [MP]
- *Dryado integrifoliae-Salicetum lanatae* SEKRETAREVA 1994 ass. nov., nom. inval. (: 62, 63) [art. 5] [RU, Magadan]
- *Echinochloo-Melaleucetum quinquenerviae* HOFF 1994 ass. nov., nom. prov. (: 685) [art. 3b] [NC]
- *Elionuro mutici-Cymbopogonetum plurinodis* BEZUIDENHOUT, BREDEKAMP et THERON 1994c ass. nov. (: 222) [ZA, Transvaal]
- *Euphorbio-Stellarietum mediae* ABD EL-GHANI 1994 ass. nov., nom. inval. (: 387, 396) [art. 5] [EG]
- *Evonymo verrucosae-Daphnetum mezerei* JULVE et GILLET 1994 ass. nov., nom. prov. (: 51) [art. 3b] [PL]
- *Excoecario-Sporobolium virginici* HOFF 1994 ass. nov., nom. prov. (: 685) [art. 3b] [NC]
- *Falkio oblongae-Eragrostietum planae* BEZUIDENHOUT, BREDEKAMP et THERON 1994c ass. nov. (: 223) [ZA, Transvaal]
- *Festuco lividae-Arenarietum bryoidis* ALMEIDA, CLEEF, HERRERA, VELAZQUEZ et LUNA 1994 ass. nov. (: 402) [MX, Mexico Central]
- *Festuco sylvaticae-Tiliocoenetum cordatae* JULVE et GILLET 1994 coenass. nov., nom. inval. (: 50) [art. 3d] [PL]
- *Filipendulo denudatae-Alnocoenetum glutinosae* JULVE et GILLET 1994 coenass. nov., nom. inval. (: 57) [art. 3d] [PL]
- *Frangulo-Sorbetum aucupariae* JULVE et GILLET 1994 ass. nov., nom. prov. (: 53) [art. 3b] [PL]
- *Frankenio salinae-Juncetum acuti* PEINADO, ALCARAZ, DELGADILLO, DE LA CRUZ, ÁLVAREZ et AUIRRE 1994 ass. nov. (: 65) [MX, Mexico Northwest; US, California]
- *Frankenio salinae-Sarcocornietum pacificae* PEINADO, ALCARAZ, DELGADILLO, DE LA CRUZ, ÁLVAREZ et AUIRRE 1994 ass. nov. (: 64) [MX, Mexico Northwest; US, California]
- *Fraxino excelsioris-Alnetum glutinosae* JULVE et GILLET 1994 ass. nov., nom. prov. (: 47) [art. 3b] [PL]
- *Glechomo hirsutae-Tiliocoenetum cordatae* JULVE et GILLET 1994 coenass. nov., nom. inval. (: 50) [art. 3d] [PL]
- *Hoyo-Ficetum proliferae* HOFF 1994 ass. nov., nom. prov. (: 685) [art. 3b] [NC]
- *Hoyo-Peperomietum* HOFF 1994 ass. nov., nom. prov. (: 685) [art. 3b] [NC]
- * *Ilici aquifolii-Coryletum avellanae* DE FOUCAULT 1994a ass. nov., nom. superfl. (: 7) [art. 29] [FR]

- *Jaumeo carnosae-Distichlidetum spicatae* PEINADO, ALCARAZ, DELGADILLO, DE LA CRUZ, ÁLVAREZ et AUIRRE 1994 ass. nov. (: 65) [MX, Mexico Northwest; US, California]
- *Lagunculario racemosae-Avicennietum germinantis* PEINADO, ALCARAZ, DELGADILLO, DE LA CRUZ, ÁLVAREZ et AUIRRE 1994 ass. nov. (: 64) [MX, Mexico Northwest]
- *Lagunculario racemosae-Rhizophoretum mangle* PEINADO, ALCARAZ, DELGADILLO, DE LA CRUZ, ÁLVAREZ et AUIRRE 1994 ass. nov. (: 64) [MX, Mexico Northwest]
- *Lamio maculati-Impatientetum noli-tangere* JULVE et GILLET 1994 ass. nov., nom. prov. (: 47) [art. 3b] [PL]
- *Ledo palustris-Pinocoenetum sylvestris* JULVE et GILLET 1994 coenass. nov., nom. inval. (: 55) [art. 3d] [PL]
- *Luzulo pilosae-Gymnocarpietum dryopteridis* JULVE et GILLET 1994 ass. nov., nom. prov. (: 52) [art. 3b] [PL]
- *Lycopodio annotini-Vaccinietum vitis-idaeae* JULVE et GILLET 1994 ass. nov., nom. prov. (: 54) [art. 3b] [PL]
- *Macaireo rufescentis-Bonnetietum martianae* DUIVENVOORDEN et CLEEF 1994 ass. nov. (: 207) [CO]
- *Maianthemo bifolii-Convallarietum majalis* DE FOUCAULT 1994a ass. nov. (: 12, 13) [FR]
- *Metrosidero-Trichomanetum pallidis* HOFF 1994 ass. nov., nom. prov. (: 685) [art. 3b] [NC]
- *Monanthochloo littoralis-Arthrocnemetum subterminalis* PEINADO, ALCARAZ, DELGADILLO, DE LA CRUZ, ÁLVAREZ et AUIRRE 1994 ass. nov. (: 65) [MX, Mexico Northwest; US, California]
- *Navio garcia-barrigae-Lagenocarpetum* DUIVENVOORDEN et CLEEF 1994 ass. nov. (: 224) [CO]
- *Parryo nudicaulis-Salicetum lanatae* SEKRETAREVA 1994 ass. nov., nom. inval. (: 62, 63) [art. 5] [RU, Magadan]
- *Paspalo dilatati-Hyparrhenietum hirtae* BEZUIDENHOUT, BREDEKAMP et THERON 1994b ass. nov. (: 160) [ZA, Transvaal]
- *Pemphiso-Kochietum hirsutae* HOFF 1994 ass. nov., nom. prov. (: 685) [art. 3b] [NC]
- △ *Phragmito-Thyphetum laxmanii* (NEDELCO 1968) GÉHU, ROMAN et BOULLET 1994 nom. nov. (: 84, 85) [RO]
- *Phyllantho-Hedyotetum foetidae* OHBA 1994 ass. nov., nom. inval. (: 31) [art. 5] [MP]
- *Phyllanto-Homalietum deplanchei* HOFF 1994 ass. nov., nom. prov. (: 685) [art. 3b] [NC]
- *Piceo abietis-Quercetum roboris* JULVE et GILLET 1994 ass. nov., nom. prov. (: 51) [art. 3b] [PL]
- *Polysticho setiferi-Asplenietum scolopendrii* JULVE ex DE FOUCAULT 1994d ass. nov. (: 37, 38) [FR]
- *Populo tremulae-Pinetum sylvestris* JULVE et GILLET 1994 ass. nov., nom. prov. (: 53) [art. 3b] [PL]
- *Portulacetum australis* OHBA 1994 ass. nov., nom. inval. (: 44) [art. 5] [MP]
- *Potentillo palustris-Betulocoenetum pubescentis* JULVE et GILLET 1994 coenass. nov., nom. inval. (: 56) [art. 3d] [PL]
- *Potentillo palustris-Scirpetum sylvatici* JULVE et GILLET 1994 ass. nov., nom. prov. (: 57) [art. 3b] [PL]
- *Pruno avii-Fraxinetum excelsioris* DE FOUCAULT 1994d ass. nov. (: 29, 30) [FR]
- *Quercu petraeae-Betuletum albae* DE FOUCAULT 1994a ass. nov. (: 11) [FR]
- *Ranunculo cassubici-Fraxinocoenetum excelsioris* JULVE et GILLET 1994 coenass. nov., nom. inval. (: 47) [art. 3d] [PL]
- *Roso arvensis-Viburnetum lantanae* DE FOUCAULT 1994d ass. nov. (: 30, 31) [FR]
- *Salicornietum bigelovii* PEINADO, ALCARAZ, DELGADILLO, DE LA CRUZ, ÁLVAREZ et AUIRRE 1994 ass. nov. (: 64) [MX, Mexico Northwest; US, California]
- *Sarcocornietum pacifica* PEINADO, ALCARAZ, DELGADILLO, DE LA CRUZ, ÁLVAREZ et AUIRRE 1994 ass. nov. (: 64) [MX, Mexico Northwest; US, California]
- *Schino-Fimbristylidetum ferrugineae* HOFF 1994 ass. nov., nom. prov. (: 685) [art. 3b] [NC]
- *Semecarpo-Cordietum dichotomae* HOFF 1994 ass. nov., nom. prov. (: 685) [art. 3b] [NC]
- *Senecioni ovati-Myosotidetum sylvaticae* DE FOUCAULT 1994a ass. nov., nom. prov. (: 11) [art. 3b] [FR]
- *Sesuvietum portulacoidis* OHBA 1994 ass. nov., nom. inval. (: 36, 37) [art. 5] [MP]
- *Siphanthero hostmannii-Xyridetum paraensis* DUIVENVOORDEN, CLEEF, MURILLO et ARBELAEZ in DUIVENVOORDEN et CLEEF 1994 ass. nov. (: 222) [CO]
- *Spartinetum foliosae* PEINADO, ALCARAZ, DELGADILLO, DE LA CRUZ, ÁLVAREZ et AUIRRE 1994 ass. nov. (: 64) [MX, Mexico Northwest; US, California]
- *Sphagno girgensohnii-Piceocoenetum abietis* JULVE et GILLET 1994 coenass. nov., nom. inval. (: 54) [art. 3d] [PL]
- *Spinifici littorei-Viticetum ovatae* DE FOUCAULT 1994c ass. nov., nom. prov. (: 29) [art. 3b] [ID,]
- *Suaedetum moquinii* PEINADO, ALCARAZ, DELGADILLO, DE LA CRUZ, ÁLVAREZ et AUIRRE 1994 ass. nov. (: 65) [MX, Mexico Northwest; US, California]
- *Ribetum rubro-nigri* JULVE et GILLET 1994 ass. nov., nom. prov. (: 47) [art. 3b] [PL]
- *Trientali europaei-Pinocoenetum sylvestris* JULVE et GILLET 1994 coenass. nov., nom. inval. (: 53) [art. 3d] [PL]
- *Ulmo glabrae-Coryletum avellanae* JULVE et GILLET 1994 ass. nov., nom. prov. (: 50) [art. 3b] [PL]
- *Utricularietum neottioidis* DUIVENVOORDEN, CLEEF, MURILLO et ARBELAEZ in DUIVENVOORDEN et CLEEF 1994 ass. nov. (: 225) [CO]
- *Xyrido wurdackii-Paspaleetum tilletii* DUIVENVOORDEN et CLEEF 1994 ass. nov. (: 222) [CO]

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ADDITION TO INDEX 1991

Asplenieta trichomanis

- *Potentillo doerflerii-Juncetum trifidi* STEVANOVIĆ, JOVANOVIĆ et LAKUSIĆ 1991 ass. nov., nom. inval. (: 80) [art. 5] [YU]

Brachypodio pinnati-Betuletea

- *Brachypodio pinnati-Betuletea* ERMAKOV, KOROLYUK et LATCHINSKY 1991 cl. nov. (: 8) [RU, Southern Siberia]
- *Calamagrostio epigeii-Betuletalia pendulae* KOROLYUK in ERMAKOV, KOROLYUK et LATCHINSKY 1991 ord. nov. (: 28) [RU, Southern Siberia]
- *Carici macrourae-Pinetalia sylvestris* ERMAKOV, KOROLYUK et LATCHINSKY 1991 ord. nov. (: 13) [RU, Southern Siberia]
- *Carici pediformis-Laricetalia sibiricae* ERMAKOV in ERMAKOV, KOROLYUK et LATCHINSKY 1991 ord. nov. (31) [RU, Southern Siberia]
- *Calamagrostio epigeii-Betulion pendulae* KOROLYUK in ERMAKOV, KOROLYUK et LATCHINSKY 1991 all. nov. (: 28) [RU, Southern Siberia]
- *Carici pediformis-Laricion sibiricae* ERMAKOV in ERMAKOV, KOROLYUK et LATCHINSKY 1991 all. nov. (: 31) [RU, Southern Siberia]
- *Lathyro gmelinii-Pinion sylvestris* ERMAKOV in ERMAKOV, KOROLYUK et LATCHINSKY 1991 all. nov. (: 23) [RU, Southern Siberia]
- *Vicio unjugae-Pinion sylvestris* ERMAKOV, KOROLYUK et LATCHINSKY 1991 all. nov. (: 14) [RU, Southern Siberia]
- *Achyrophoro-Pinenion* ERMAKOV et LATCHINSKY in ERMAKOV, KOROLYUK et LATCHINSKY 1991 suball. nov. (: 15) [RU, Southern Siberia]
- *Carici macrourae-Pinenion sylvestris* ERMAKOV in ERMAKOV, KOROLYUK et LATCHINSKY 1991 suball. nov. (: 26) [RU, Southern Siberia]
- *Cruciato krylovii-Pinenion sylvestris* ERMAKOV in ERMAKOV, KOROLYUK et LATCHINSKY 1991 suball. nov. (: 19) [RU, Southern Siberia]
- *Geranio albiflori-Pinenion sylvestris* ERMAKOV in ERMAKOV, KOROLYUK et LATCHINSKY 1991 suball. nov. (: 24) [RU, Southern Siberia]
- *Vicio unjugae-Pinenion sylvestris* KOROLYUK in ERMAKOV, KOROLYUK et LATCHINSKY 1991 suball. nov. (: 22) [RU, Southern Siberia]
- *Anemonoido caeruleae-Pinetum sylvestris* ERMAKOV in ERMAKOV, KOROLYUK et LATCHINSKY 1991 ass. nov. (: 20, 47) [RU, Southern Siberia]
- *Artemisio macranthae-Pinetum sylvestris* LATCHINSKY in ERMAKOV, KOROLYUK et LATCHINSKY 1991 ass. nov. (: 18, 41) [RU, Southern Siberia]
- *Astragalo glycyphylli-Pinetum sylvestris* KOROLYUK in ERMAKOV, KOROLYUK et LATCHINSKY 1991 ass. nov. (: 21, 53) [RU, Southern Siberia]

- *Caragano fruticis-Pinetum sylvestris* ERMAKOV in ERMAKOV, KOROLYUK et LATCHINSKY 1991 ass. nov. (: 26, 61) [RU, Southern Siberia]
- *Carici pediformis-Laricetum sibiricae* ERMAKOV in ERMAKOV, KOROLYUK et LATCHINSKY 1991 ass. nov. (: 32, 79) [RU, Southern Siberia]
- *Cirsio heterophylli-Betuletum pendulae* KOROLYUK in ERMAKOV, KOROLYUK et LATCHINSKY 1991 ass. nov. (: 31, 75) [RU, Southern Siberia]
- *Cnidio dubii-Pinetum sylvestris* LATCHINSKY in ERMAKOV, KOROLYUK et LATCHINSKY 1991 ass. nov. (: 19, 44) [RU, Southern Siberia]
- *Crepido praemorsae-Pinetum sylvestris* ERMAKOV in ERMAKOV, KOROLYUK et LATCHINSKY 1991 ass. nov. (: 16, 36) [RU, Southern Siberia]
- *Dentario sibiricae-Pinetum sylvestris* ERMAKOV in ERMAKOV, KOROLYUK et LATCHINSKY 1991 ass. nov. (: 25, 58) [RU, Southern Siberia]
- *Festuco ovinae-Pinetum sylvestris* ERMAKOV in ERMAKOV, KOROLYUK et LATCHINSKY 1991 ass. nov. (: 17, 39) [RU, Southern Siberia]
- *Filipendulo vulgaris-Pinetum sylvestris* ERMAKOV in ERMAKOV, KOROLYUK et LATCHINSKY 1991 ass. nov. (: 21, 50) [RU, Southern Siberia]
- *Matteuccio-Pinetum sylvestris* ERMAKOV in ERMAKOV, KOROLYUK et LATCHINSKY 1991 ass. nov. (: 28, 66) [RU, Southern Siberia]
- *Peucedano morisonii-Betuletum pendulae* KOROLYUK in ERMAKOV, KOROLYUK et LATCHINSKY 1991 ass. nov. (: 29, 69) [RU, Southern Siberia]
- *Phalarido-Betuletum pendulae* KOROLYUK in ERMAKOV, KOROLYUK et LATCHINSKY 1991 ass. nov. (: 30, 73) [RU, Southern Siberia]
- *Poo urssulensis-Betuletum pendulae* KOROLYUK in ERMAKOV, KOROLYUK et LATCHINSKY 1991 ass. nov. (: 29, 71) [RU, Southern Siberia]
- *Spiraeo salicifoliae-Pinetum sylvestris* ERMAKOV in ERMAKOV, KOROLYUK et LATCHINSKY 1991 ass. nov. (: 27, 63) [RU, Southern Siberia]
- *Thesio repentis-Pinetum sylvestris* ERMAKOV in ERMAKOV, KOROLYUK et LATCHINSKY 1991 ass. nov. (: 15, 33) [RU, Southern Siberia]

Festucetea vaginatae

- *Festuco duriusculae-Euphorbietum glabrifoliae* JOVANOVIĆ-DUNJIĆ et JOVANOVIĆ 1991 ass. nov., nom. prov. (: 72) [art. 3b] [YU]

Incertae sedis

- *Polygono punctati-Rumicetum paraguayensis* ESCHKUCHE et FONTANA in FONTANA 1991 ass. nov., nom. prov. (: 11) [art. 3b] [AR, Argentina Northeast]

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Agropyretea repentis

- *Calamagrostietum epigeios* KOSTILOV in SOLOMAKHA, KOSTILOV et SHELYAG-SOSONKO 1992 ass. nov. (: 125) [UA]
- *Elytrigio repentis-Lycietum barbati* KOSTILOV in SOLOMAKHA, KOSTILOV et SHELYAG-SOSONKO 1992 ass. nov. (: 127) [UA]

Artemisieta vulgaris

- *Ambrosio artemisifoliae-Xanthietum strumariae* KOSTILOV in SOLOMAKHA, KOSTILOV et SHELYAG-SOSONKO 1992 ass. nov. nom. inval. (: 162) [art. 5] [UA]
- *Chaerophyllo hirsuti-Cirsietum oleracei* KOSTILOV in SOLOMAKHA, KOSTILOV et SHELYAG-SOSONKO 1992 ass. nov. (: 158) [UA]

- *Urtico dioicae-Bryonietum albae* KOSTILOV in SOLOMAKHA, KOSTILOV et SHELYAG-SOSONKO 1992 ass. nov. (: 152, 155) [UA]
- *Urtico dioicae-Tanacetum vulgare* KOSTILOV in SOLOMAKHA, KOSTILOV et SHELYAG-SOSONKO 1992 ass. nov. (: 152) [UA]

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- *Arctio lappae-Chenopodietum albae* KOSTILOV in SOLOMAKHA, KOSTILOV et SHELYAG-SOSONKO 1992 ass. nov. (: 175) [UA]
- *Rumici conferti-Galeopsietum speciosae* KOSTILOV in SOLOMAKHA, KOSTILOV et SHELYAG-SOSONKO 1992 ass. nov. (: 177) [UA]

Meliloto-Artemisietea absinthii

- *Achilleo millefolii-Grindelietum squarrosae* KOSTILOV in SOLOMAKHA, KOSTILOV et SHELYAG-SOSONKO 1992 ass. nov. (: 197) [UA]
- *Pastinaco sativae-Daucetum carotae* KOSTILOV in SOLOMAKHA, KOSTILOV et SHELYAG-SOSONKO 1992 ass. nov. (: 194) [UA]

Secalietea

- *Hibisci trioni-Chenopodietum polyspermi* SOLOMAKHA in SOLOMAKHA, KOSTILOV et SHELYAG-SOSONKO 1992 ass. nov. (: 59) [UA]
- *Lamio purpurei-Cerastietum holosteoidis* (GAMOR et al. 1985) SOLOMAKHA in SOLOMAKHA, KOSTILOV et SHELYAG-SOSONKO 1992 ass. nov. (: 60) [UA]
- *Polygono scabri-Galinsogietum ciliatae* SOLOMAKHA in SOLOMAKHA, KOSTILOV et SHELYAG-SOSONKO 1992 ass. nov., nom. inval. (: 61) [art. 3f] [UA]

Sisymbrio-Onopordetea

- *Aegilopo biuncialis-Avenetum persicae* KOSTILOV in SOLOMAKHA, KOSTILOV et SHELYAG-SOSONKO 1992 ass. nov. (: 225) [UA]
- *Bromo squarrosi-Sonchetum oleracei* KOSTILOV in SOLOMAKHA, KOSTILOV et SHELYAG-SOSONKO 1992 ass. nov. (: 225) [UA]
- *Chamomillo recutitae-Malvetum mauritiana* KOSTILOV in SOLOMAKHA, KOSTILOV et SHELYAG-SOSONKO 1992 ass. nov. (: 224) [UA]
- *Diploxantho muralis-Malvetum erectae* KOSTILOV in SOLOMAKHA, KOSTILOV et SHELYAG-SOSONKO 1992 ass. nov. (: 227) [UA]
- *Hordeo murini-Pegonetum harmalae* KOSTILOV in SOLOMAKHA, KOSTILOV et SHELYAG-SOSONKO 1992 ass. nov. (: 226) [UA]

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Alnetea glutinosae

- *Carici aquatilis-Salicetum lapponi* TARAN 1993b ass. nov. (: 80) [RU, Western Siberia]
- *Carici juncellae-Salicetum rosmarinifoliae* KOROLYUK et TARAN in TARAN 1993b ass. nov. (: 80) [RU, Western Siberia]
- *Sanguisorbo officinalis-Salicetum rosmarinifoliae* TARAN 1993b ass. nov. (: 82) [RU, Western Siberia]

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- *Asplenietum marini* GAMISANS et PARADIS 1993 ass. nov. (: 36) [FR, Corse]
- *Carici laevis-Leontopodietum alpini* STANIĆ et LAKUSIĆ 1993 ass. nov., nom. inval. (: 23) [art. 5] [YU]
- *Cymbalarietum aequitrilobae* GAMISANS et PARADIS 1993 ass. nov. (: 11) [FR, Corse]
- *Edraiantho jugoslavici-Hieracietum humilis* STANIĆ et LAKUSIĆ 1993 ass. nov., nom. inval. (: 22) [art. 5] [YU]
- *Micromerio filiformis-Allietum antoni-bolosii* RITA et BIBILONI 1993 ass. nov. (: 227, 228) [ES, Balears]

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- *Aeonietum lindleyi* VOGGENREITER ex RIVAS-MARTÍNEZ, WILDPRET DE LA TORRE, DEL ARCO AGUILAR, RODRÍGUEZ, PÉREZ DE PRAZ, GARCÍA-GALLO, ACEBES GINOVÉS, DÍAZ GONZÁLEZ et FERNÁNDEZ-GONZÁLEZ 1993 ass. nov. (: 309) [ES, Canary Is]

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- *Marisco hamulosi-Crypsietum schoenoidis* TARAN 1993a ass. nov. (: 82) [RU, Western Siberia]

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- *Mayteno-Juniperion canariensis* SANTOS et FERNÁNDEZ GALVÁN in SANTOS 1983 corr. RIVAS-MARTÍNEZ, WILDPRET DE LA TORRE, DEL ARCO AGUILAR, RODRÍGUEZ, PÉREZ DE PRAZ, GARCÍA-GALLO, ACEBES GINOVÉS, DÍAZ GONZÁLEZ et FERNÁNDEZ-GONZÁLEZ 1993 (: 198)
- *Brachypodio arbusculae-Juniperetum canariensis* FERNÁNDEZ GALVÁN 1983 corr. RIVAS-MARTÍNEZ, WILDPRET DE LA TORRE, DEL ARCO AGUILAR, RODRÍGUEZ, PÉREZ DE PRAZ, GARCÍA-GALLO, ACEBES GINOVÉS, DÍAZ GONZÁLEZ et FERNÁNDEZ-GONZÁLEZ 1993 (: 199)
- *Euphorbietum bertheloto-canariensis* RIVAS-MARTÍNEZ, WILDPRET DE LA TORRE, DEL ARCO AGUILAR, RODRÍGUEZ, PÉREZ DE PRAZ, GARCÍA-GALLO, ACEBES GINOVÉS, DÍAZ GONZÁLEZ et FERNÁNDEZ-GONZÁLEZ 1993 ass. nov. (: 191) [ES, Canary Is]
- △ *Rubio fruticosae-Juniperetum canariensis* SANTOS in RIVAS-MARTÍNEZ, WILDPRET DE LA TORRE, DEL ARCO AGUILAR, RODRÍGUEZ, PÉREZ DE PRAZ, GARCÍA-GALLO, ACEBES GINOVÉS, DÍAZ GONZÁLEZ et FERNÁNDEZ-GONZÁLEZ 1993 ass. nov. (: 199) [ES, Canary Is]

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- *Sileno-Tortuletum* DOING 1993 ass. nov. (: 43) [NL]

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- *Ephedro fragilis-Withanietum frutescentis* RITA et BIBILONI 1993 ass. nov. (: 236, 237) [ES, Balears]

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- *Salicion canariensis* RIVAS-MARTÍNEZ, WILDPRET DE LA TORRE, DEL ARCO AGUILAR, RODRÍGUEZ, PÉREZ DE PRAZ, GARCÍA-GALLO, ACEBES GINOVÉS, DÍAZ GONZÁLEZ et FERNÁNDEZ-GONZÁLEZ 1993 ass. nov., nom. prov. (: 225) [art. 3b] [ES, Canary Is]

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- *Ferulo communis-Juniperetum phoeniceae* RITA et BIBILONI 1993 ass. nov. (: 219) [ES, Balears]

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- *Anemonidio-Populetum nigrae* TARAN 1993c ass. nov. (: 85) [RU, Western Siberia]
- *Salicetum dasycladi* TARAN 1993c ass. nov. (: 85) [[RU, Western Siberia]
- *Spiraeo salicifoliae-Populetum tremulae* TARAN 1993c ass. nov. (: 85) [[RU, Western Siberia]

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