

Index of the Phytosociological Nomenclature Section of Lazaroa (1989-1997)

Jesús Izco (*), Santiago Sardinero (**) & Federico Fernández-González (***)

Resumen: Izco, J., Sardinero, S. & Fernández-González, F. *Índice de la Sección de Nomenclatura Fitosociológica de Lazaroa (1989-1997)*. *Lazaroa* 19: 133-159 (1998).

Se presenta un índice nomenclatural de los artículos publicados en la Sección de Nomenclatura Fitosociológica desde 1989 hasta 1997. Se adjunta una relación completa de los sintaxones citados en la Sección, con la referencia de la página de la revista en que se han tratado; la relación incluye autoría de los nombres, situación nomenclatural, artículos del CPN aplicados e indicación de las referencias bibliográficas de la diagnosis original o de las informaciones sobre tipificación aportadas. Se incluyen también tres apéndices con las relaciones de los trabajos publicados, de los autores de los mismos y de los artículos del CPN aludidos en cada trabajo, respectivamente. Asimismo, se ha realizado un análisis de la información nomenclatural publicada en la Sección del que se desprenden algunas recomendaciones para su desarrollo futuro.

Abstract: Izco, J., Sardinero, S. & Fernández-González, F. *Index of the Phytosociological Nomenclature Section of Lazaroa (1989-1997)*. *Lazaroa* 19: 133-159 (1998).

A nomenclatural index of the Phytosociological Nomenclature Section issues from 1989 to 1997 is presented. Syntaxon names and volume and page numbers of the journal in which they were commented are listed, along with authority, nomenclatural status, CPN articles applied to and indication of the information apported about original diagnosis and nomenclatural typification. Appendices including lists of papers published, contributing authors and CPN rules cited in the issues of the Section are also apported. A summary analysis of the nomenclatural work carried out in the Section is included, and recommendations on its future development are briefly discussed.

(*) Laboratorio de Botánica, Facultad de Farmacia, Universidad de Santiago de Compostela. E-15706 Santiago de Compostela (España).

(**) Centro de Investigación Forestal (CIFOR), Instituto Nacional de Investigaciones Agrarias (INIA), Ctra. La Coruña, km 7. E-28040 Madrid (España).

(***) Departamento de Biología Vegetal II, Facultad de Farmacia, Universidad Complutense de Madrid. E-28040 Madrid (España).

INTRODUCTION

Even though there are several antecedents regulating the nomenclature of plant communities defined according to the Braun-Blanquet or Zürich-Montpellier approach, the publication of the first edition of the Code of Phytosociological Nomenclature (J.J. Barkman, J. Moravec & S. Rauschert, *Vegetatio* 32: 131-185. 1976) started off a new period in the nomenclature of syntaxa. Based on sound concepts (partly coincident with general criteria in biological nomenclature) and a good number of examples on the application of rules, the effects of this Code soon became evident in phytosociological literature through the adoption of authority citations, designation of nomenclatural types, assumption of the principle of priority in synonyms and so forth. *Nevertheless, the production of a specialized literature dealing with phytosociological nomenclature had to wait until the second edition of the CPN was published* (J.J. Barkman, J. Moravec & S. Rauschert, *Vegetatio* 67: 145-195. 1986). The new version was translated into Spanish (J. Izco & M. del Arco, *Opusc. Bot. Pharm. Complutensis* 4: 5-74. 1988) and Italian (A. Scoppola, *Fitosociologia* 28: 3-40. 1994), while comments on the use and application of the Code started to appear (H.E. Weber, *Tuexenia* 8: 383-392. 1988; J. Moravec, *Folia Geobot. Phytotax.* (Praha) 27: 149-166. 1992; F. Fernández-González & J. Izco, *Folia Geobot. Phytotax.* (Praha) 30: 277-281. 1995, etc), even in text books of Botany (Izco & al. (eds.), *Botánica*. McGraw Hill Interamericana, Madrid. 1997). Since 1990, two series devoted to the compilation of new and typified names of syntaxa were open by J.P. Theurillat & J. Moravec in the journal *Folia Geobotanica & Phytotaxonomica* (Praha).

Nine years ago the journal *Lazaroa* opened the Phytosociological Nomenclature Section (henceforth PNS) for papers dealing with all topics of syntaxonomical nomenclature. The aims of the PNS were not circumscribed to the publication of typifications, validations, legitimations or corrections of names, but enlarged to stimulate the use of the CPN by phytosociologists, to increase the number of applied examples guiding its interpretation and to discuss the conceptual lacks and indefinities of the Code itself. Up to date the PNS has consumed 110 pages of the journal publishing 32 articles by 31 authors involving more than 600 phytosociological names. Therefore, it seems that the time has come to compile and evaluate such nomenclatural information in order to assess the results as well as planning the future of the PNS. Such effort is also necessary considering the new state of syntaxonomical knowledge in Europe, when several phytosociological monographs of national scope have been published or are in preparation, revisions of higher syntaxa at a continental scale begin to appear and a first attempt to establish the correct names of European classes has just been published (Mucina, *Folia Geobot. Phytotax.* (Praha) 32: 117-172. 1997).

INDEX STRUCTURE

The Index of the PNS has been elaborated with a database structure in such a way that every name cited in an article has its own record. Each record consists of several fields as indicated in Table 1.

The printed version of the Index closing this note (Appendix 3) is an adapted version generated for the purpose of publication. Names are alphabetically listed and volume and page numbers of *Lazaroa* are also indicated. Authority, nomenclatural status and CPN articles referred to are included in a condensed format.

In the future the Index database will be updated after each PNS issue. Copies of the Index file in common database formats can be requested from the PNS of *Lazaroa*. Detection and correction of possible mistakes will be acknowledged.

Table 1

Field	Description and comments
Rank	The abbreviations SAS, AS, SA, A, SO, O, SC, C indicate the rank of the syntaxa (see Table 3). IR indicates invalid ranks (Art. 3c-e, 3h).
Syntaxon	Syntaxon name. For subassociations, the epithet is preceded by the association name. In a few cases misspellings were detected and corrected (Art. 41).
Authority	Authors and year as indicated in the original text. For subassociations, only the authority attributed to the subassociation is indicated. Pseudonyms are also included and their authority cited according to Rec. 46J.
PNS No.	Ordinal number of the issue in the PNS (see Appendix 1).
Page	<i>Lazaroa</i> volume and page in which the name is cited. When a name is cited in several pages of the same article, only the first one is indicated.
Nom.	Nomenclatural status of the name. <i>Abbreviation follow CPN standards excepting for:</i> <ul style="list-style-type: none"> — <i>nomina mutata, inversa or ambigua</i> still not sanctioned by the Nomenclature Commission are followed by the abbreviation <i>propos.</i> — the abbreviations (<i>nomencl. syn.</i>), (<i>syntax.syn.</i>) indicate the category of synonymy applied to the name; when this is not clear only (<i>syn.</i>) is indicated — the abbreviation <i>nom. ined.</i> is used for names which are not effectively published, although bibliographical references may be included in some cases — the abbreviation <i>nom. incorr.</i> is used for names rejected according to Art. 43 or 44 — the abbreviations <i>nom. prov.</i> and <i>nom. nud.</i> were included in the more general form of <i>nom. inval.</i>; CPN articles involved should allow proper elucidation of the nature of invalidity.
Rules	Number of Articles, Recommendations, Definitions or Principles of the CPN (preceded with <i>A, R, D</i> or <i>P</i> , respectively) which either apply to the name or are commented in the nomenclatural discussion about it. The application of a CPN item to a name or even the mere reference to it have not been distinguished in the printed version of the Index included in this paper, but it is not expected that this will lead to any misinterpretation.
Typ. & Ref.	Several abbreviations are indicated as follows: DR: bibliographical reference to the original diagnosis of the name TR: bibliographical reference to the nomenclatural type of the name and where appropriate to the type designation HT, LT, NT: first establishment of holotype, lectotype or neotype of the name, respectively.

RESULTS: A SUMMARY ANALYSIS OF NINE YEARS OF THE PNS

During the last nine years 32 articles have been published by 31 authors in the PNS. Complete lists of articles and authors are given in Appendices 1 and 2, respectively. Only four (10%) of the manuscripts received were rejected, but almost all of the accepted manuscripts have been thoroughly modified along the revision process. No contributions about non-vascular plant communities were received. Two articles (No. 18 and 19) had to be dedicated to correct nomenclatural interpretations of earlier articles. All contributions excepting No. 11 deal mainly with nomenclature of Spanish or Iberian syntaxa. Validation, correction, typification and synonymy of names have been the topics covered for most contributions. Discussions about the interpretation of CPN rules were either scarce (No. 18) or incidental (cf. No. 9, 21, 23, 30). Nevertheless the amount of names processed in a nomenclatural form is certainly large, as summarized in Tables 2 and 3.

610 names were mentioned in the 32 issues of the PNS (Table 2). 88 (14%) of them were simply cited but not discussed from a nomenclatural point of view. Names of higher rank syntaxa (orders, classes) belong mainly to this group. More than half of the names cited belong to associations and 27% to subassociations. Hence during this period PNS issues have been primarily focused on the nomenclature of elementary ranks, although the number of alliances and suballiances is also relevant. Accepted, corrected and new names amount to 226, a number which is about 5-10% of the names estimated for a syntaxonomical synopsis of the Spanish vascular vegetation. Besides these accepted names, 91 synonyms, 100 invalid names and 86 rejected names are documented in the PNS. Most invalid names are mainly due to application of Art. 3, 5 or 2b and 7 or 8. The more frequent causes of illegitimacy deal with Art. 29, 31 and 34 (see Appendix 4). Only 13 mutations or inversions of names and 1 ambiguous name have been proposed to the Nomenclature Commission.

The compilation of nomenclatural information about original diagnoses and typification is worth a mention. Bibliographical reference to the original diagnosis was given for 88% of the names cited, while as much as 50% indicated the nomenclatural type as well. Types of 123 names have been designated in the issues of the PNS.

Appendix 4 lists CPN rules (Articles, Recommendations, Definitions or Principles, preceded with *A*, *R*, *D* or *P*, respectively), amount of names to which they have been applied and PNS issue numbers in which they are cited or commented. As expected, Definitions and Principles have been rarely cited, but almost all of the Articles and Recommendations were commented or applied to at least one name. The Articles more frequently cited are those related to invalidity (Art. 2b, 3b, 5, 7), illegitimacy (Art. 29, 31, 34), typification (Art. 19), synonymy (Art. 25, 40) and taxonomic correction (Art. 43) of names, as well as new combinations of subassociation epithets (Art. 26).

Izco, J. & al. Index of the Phytosociological Nomenclature section of Lazaroa

Table 2

Number of names cited in the PNS by nomenclatural status and syntaxonomical rank
(for abbreviations, see Table 3)

<i>Nomenclatural status</i>	<i>Rank</i>									TOTAL
	IR	SAS	AS	SA	A	SO	O	SC	C	
names merely cited	-	5	42	-	19	1	11	1	9	88
accepted names	-	47	97	14	9	-	3	-	-	167
new combinations, new names and new syntaxa	-	31	9	-	2	-	-	-	-	42
corrected names	-	2	12	-	2	-	-	-	-	16
emended names	-	-	1	-	-	-	-	-	-	1
nomenclatural synonyms	-	12	5	-	1	-	-	-	-	18
syntaxonomical synonyms	-	8	24	2	8	-	-	-	-	42
other synonyms	-	14	5	3	3	-	-	-	-	25
pseudonyms	-	-	4	-	2	-	-	-	-	6
nom. ined.	-	1	4	-	1	-	-	-	-	6
nom. inval.	10	35	39	-	15	-	1	-	-	100
nom. dub.	-	-	3	-	3	-	-	-	-	6
nom. illeg.	-	9	27	3	6	-	-	-	-	45
nom. incorr.	-	2	29	-	3	-	-	-	-	34
nom. ambig. propos.	-	-	1	-	-	-	-	-	-	1
nom. inv. propos.	-	-	3	-	-	-	-	-	-	3
nom. mut. propos.	-	-	7	1	1	-	-	-	-	9
nom. inv. et mut. propos.	-	-	1	-	-	-	-	-	-	1
TOTAL	10	166	313	20	75	1	15	1	9	610

Table 3

Number of names cited in the PNS by syntaxonomical rank and indication of bibliographical references or type designation (for abbreviations, see Table 1)

<i>Rank</i>	<i>Bibliographical reference and type indication</i>					
	DR	TR	HT	LT	NT	None
Invalid ranks (IR)	10	-	-	-	-	-
Subassociations (SAS)	163	61	18	19	6	3
Associations (AS)	282	86	8	57	4	30
Suballiances (SA)	20	10	1	1	-	-
Alliances (A)	56	13	4	5	-	19
Suborders (SO)	1	-	-	-	-	-
Orders (O)	4	3	-	-	-	11
Subclasses (SC)	-	-	-	-	-	1
Classes (C)	-	-	-	-	-	9
TOTAL	536	173	31	82	10	73

CONCLUSIONS

Despite the small number of contributors, the PNS has achieved the goal of providing a ground for phytosociological nomenclature dealing mainly with Iberian vegetation. The geographical scope may be judged as limited, and foreign contributions will be welcomed. Contributions dealing either with CPN items still not commented in the Section (see Appendix 4) or discussions and interpretations of the CPN should also be encouraged. In many manuscripts, most of the nomenclatural discussion took place amongst reviewers, editors and authors while only the final conclusions were published. Although very stimulating for most of the partners, it would be desirable to receive more papers dealing with controversial on phytosociological nomenclature, and particularly with interpretations of the CPN including improvement proposals. The extension of the list of contributors is also a key question to be encouraged. Many people involved in phytosociological research may probably find that nomenclatural problems could be submitted to PNS as a independent part of his work, even before to publish it.

In many papers the compilation of the Index has revealed several inadequacies in the statement of nomenclatural conclusions. The names involved in nomenclatural discussions should be exactly identified, including authority, bibliographical references to original diagnosis and nomenclatural type and category of synonymy. In this sense, information about types and original diagnoses is one of the main contributions of the PNS. During the elaboration of the Index, we found that in many cases CPN articles applied to names were not explicitly cited. The CPN articles which apply to each name should be clearly stated in order to achieve a precise nomenclatural conclusion. We feel that the inclusion of specific paragraphs synthesizing the accepted name and its synonyms as well as the proper nomenclatural information about them expressed in a standardized format, is needed to clarify conclusions and to allow a more accurate communication among phytosociologists.

APPENDIX 1

List of articles published in the PNS

(Translations of Spanish titles to English are included between brackets)

1. GUITIÁN, J. & S. ORTIZ (1989) *Oxalido latifoliae-Veronicetum persicae* Br.-Bl. 1967 corr. Loidi, nombre corregido en contra del CNF [*Oxalido latifoliae-Veronicetum persicae* Br.-Bl. 1967 corr. Loidi, a name corrected against the CPN]. *Lazaroa* 11: 178.
2. IZCO, J. & S. ORTIZ (1989) *Luzulo (carpetanae)-Juncetum ellmanii* Rivas-Martínez. 1963, nombre inválido según el CNF [*Luzulo (carpetanae)-Juncetum ellmanii* Rivas-Martínez. 1963. invalid name according to the CPN]. *Lazaroa* 11: 178-179.
3. IZCO, J. & S. ORTIZ (1989) *Murbeckiello boryi-Sperguletum pourretii* Fernández Prieto 1983 corr. Izco & Ortiz 1989. *Lazaroa* 11: 180.
4. MOLINA, A. & J. IZCO (1989) Nomenclature and syntaxonomy of castellano-cantabrian *Thymus mastigophorus* communities. *Lazaroa* 11: 180-182.
5. FERNÁNDEZ PRIETO, J.A. & M. HERRERA (1991) Sobre la tipificación de la alianza *Anagallido-Juncion* y del orden *Anagallido-Juncetalia* [Typification of *Anagallido-Juncion* and *Anagallido-Juncetalia*]. *Lazaroa* 12: 370-371.

6. FERNÁNDEZ PRIETO, J.A. & T.E. DÍAZ (1991) Consideraciones nomenclaturales y sistemáticas en el orden *Ammophiletalia* Br.-Bl. 1933 [Nomenclatural and systematic remarks about the order *Ammophiletalia* Br.-Bl. 1933]. *Lazaroa* 12: 371-379.
7. RIVAS-MARTÍNEZ, S. & F. FERNÁNDEZ-GONZÁLEZ (1991) On priority of *Genistion purgantis* Tüxen in Tüxen & Oberdorfer 1958 and *Senecioni-Genistetum purgantis* Tüxen & Oberdorfer 1958. *Lazaroa* 12: 380-383.
8. RIVAS-MARTÍNEZ, S. & F. FERNÁNDEZ-GONZÁLEZ (1991) Validating the alliance *Agrostio-Stipion giganteae*. *Lazaroa* 12: 383-386.
9. DÍAZ, T.E., J.A. FERNÁNDEZ PRIETO, F. FERNÁNDEZ-GONZÁLEZ & S. RIVAS-MARTÍNEZ (1991) *Hieracietum carpetani* e *Hieracium carpetani* versus *Saxifragetum willkommianae* y *Saxifragion willkommianae* [*Hieracietum carpetani* and *Hieracium carpetani* versus *Saxifragetum willkommianae* and *Saxifragion willkommianae*]. *Lazaroa* 12: 386-391.
10. DÍAZ, T.E., J.A. FERNÁNDEZ PRIETO, F. FERNÁNDEZ-GONZÁLEZ & S. RIVAS-MARTÍNEZ (1991) Sobre los nombres correctos de dos asociaciones de pastizales psicoxerófilos carpetanos [On the correct names of two associations of psicroxerophilous carpetan grasslands]. *Lazaroa* 12: 392-394.
11. IZCO, J. & E. BIONDI (1993) La homonimia de *Carici sylvaticae-Fagetum* [*Carici sylvaticae-Fagetum* homonymy]. *Lazaroa* 13: 171-172.
12. IZCO, J. & F. FERNÁNDEZ-GONZÁLEZ (1993) On the nomenclature of the western Orocantabrian evergreen-oak forests. *Lazaroa* 13: 172-174.
13. ORTIZ, S., A. EPELDE & J. RODRÍGUEZ-OLUBIÑA (1993) *Arnicaetum atlanticae* Bellot 1968. *Lazaroa* 13: 174-175.
14. ARCO, M.J. DEL (1994) About *Aconio-Euphorbion canariensis* Sunding 1972, correct alliance name against *Kleinio-Euphorbion canariense* Rivas Goday & Esteve 1965. *Lazaroa* 14: 168-169.
15. LOIDI, J. & M. HERRERA (1994) Notas nomenclaturales sobre la vegetación del norte de la Península Ibérica, I [Nomenclatural notes on the vegetation of northern part of the Iberian Peninsula, I]. *Lazaroa* 14: 169-170.
16. IZCO, J. (1994) *Myrrhido-Valerianetum pyrenaicae* versus *Chacrophylllo hirsuti-Valerianetum pyrenaicae*. *Lazaroa* 14: 170-171.
17. LADERO, M., J. AMIGO & M.I. ROMERO (1994) Nuevos nombres para dos subasociaciones de *Poo bulbosae-Trifolietum subterranei* Rivas Goday 1964 [New names for two subassociations belonging to *Poo bulbosae-Trifolietum subterranei* Rivas Goday 1964]. *Lazaroa* 14: 171-172.
18. FERNÁNDEZ-GONZÁLEZ, F., J. IZCO & J.-P. THEURILLAT (1995) Precisiones sobre la autoría de la asociación *Carici sylvaticae-Fagetum* [Nomenclatural precissions about *Carici sylvaticae-Fagetum* authority]. *Lazaroa* 15: 212-213.
19. IZCO, J. (1995) Autoría del nombre *Otantho maritimi-Ammophiletum australis* [The authority of the name *Otantho maritimi-Ammophiletum australis*]. *Lazaroa* 15: 213-215.
20. LOIDI, J. & M. HERRERA (1995) Notas nomenclaturales sobre la vegetación del norte de la Península Ibérica, II [Nomenclatural notes on the vegetation of northern part of the Iberian Peninsula, II]. *Lazaroa* 15: 216-218.
21. DIEZ GARRETAS, B., A. ASENSI & F. FERNÁNDEZ-GONZÁLEZ (1995) Revisión nomenclatural de la alianza *Eryngio-Ulicion erinacei* Rothm. 1943 (= *Saturejo-Coridothymion capitati* Rivas Goday & Rivas-Martínez 1969) y de sus sintáxones subordinados [Nomenclatural revision of the alliance *Eryngio-Ulicion erinacei* Rothm. 1943 (= *Saturejo-Coridothymion capitati* Rivas Goday & Rivas-Martínez 1969) and its subordinated syntaxa]. *Lazaroa* 15: 218-225.
22. LOIDI, J. & I. BUURUN (1996) Notas nomenclaturales sobre la vegetación del norte de la Península Ibérica, III [Nomenclatural notes on the vegetation of northern part of the Iberian Peninsula, III]. *Lazaroa* 16: 170-172.
23. ESCUDERO, A., F. FERNÁNDEZ-GONZÁLEZ, R. GAVILÁN & A. RUBIO (1996) Revisión nomenclatural de la alianza *Cistion laurifolii* Rivas Goday 1956 y de sus sintáxones subordinados [Nomenclatural revision of the alliance *Cistion laurifolii* Rivas Goday 1956 and its subordinated syntaxa]. *Lazaroa* 16: 172-181.

Izco, J. & al. Index of the Phytosociological Nomenclature section of Lazaroa

24. LOIDI, J., I. BIURRUN & A. BERASTEGUI (1996) Notas nomenclaturales sobre la vegetación del norte de la Península Ibérica, IV [Nomenclatural notes on the vegetation of northern part of the Iberian Peninsula, IV]. *Lazaroa* 17: 138-140.
25. ALCARAZ, F.J., A. DE LA TORRE & M.B. CRESPO (1996) Sobre la correcta citación de la autoría de la asociación *Quercus cocciferae-Lentiscetum* [On the correct authority of the association *Quercus cocciferae-Lentiscetum*]. *Lazaroa* 17: 140-141.
26. LOIDI, J., A. BERASTEGUI & I. GARCÍA-MIANGOS (1996) Notas nomenclaturales sobre la vegetación del norte de la Península Ibérica, V [Nomenclatural notes on the vegetation of northern part of the Iberian Peninsula, V]. *Lazaroa* 17: 141-146.
27. DÍEZ GARRETAS, B., A. ASENSI & F. FERNÁNDEZ-GONZÁLEZ (1996) Revisión nomenclatural del orden *Gypsophiletalia* Bellot & Rivas Goday in Rivas Goday & al. 1957 y de sus sintáxones subordinados [Nomenclatural revision of the order *Gypsophiletalia* Bellot & Rivas Goday in Rivas Goday & al. 1957 and its subordinated syntaxa]. *Lazaroa* 17: 147-153.
28. LOIDI, J., A. BERASTEGUI & I. GARCÍA-MIANGOS (1997) Notas nomenclaturales sobre la vegetación del norte de la Península Ibérica, VI [Nomenclatural notes on the vegetation of northern part of the Iberian Peninsula, VI]. *Lazaroa* 18: 235-238.
29. IZCO, J. & J. AMIGO (1997) Valoración nomenclatural del *Quercetum suberis* de F. Bellot y sus posibles implicaciones [Nomenclatural evaluation of F. Bellot's *Quercetum suberis* and its implications]. *Lazaroa* 18: 239-242.
30. CRESPO, M.B. & J.L. SOLANAS (1997) Nomenclatura de la asociación *Hedero helioides-Cytisetum patentis* Mateo 1983 [On nomenclature of *Hedero helioides-Cytisetum patentis* Mateo 1983]. *Lazaroa* 18: 243-245.
31. PÉREZ BADIA, R. (1997) Sobre los nombres correctos de tres asociaciones iberolevantinas [On the correct names of three Ibero-Levantine associations]. *Lazaroa* 18: 247-249.
32. HERRERA, M. (1997) Validación nomenclatural de algunos sintáxones cántabro-euskaldunes [Validating several syntaxa from Basque Country]. *Lazaroa* 18: 251-252.

APPENDIX 2

Alphabetic list of authors contributing to PNS, amount (No.) and ordinal number of contributions

Author	No.	PNS issues
ALCARAZ, F.J.	1	25
AMIGO, J.	2	17, 29
ARCO, M. DEL	1	14
ASENSI, A.	2	21, 27
BERASTEGUI, A.	3	24, 26, 28
BIURRUN, I.	2	22, 24
BIONDI, E.	1	11
CRESPO, M.B.	2	25, 30
DE LA TORRE, A.	1	25
DÍAZ, T.E.	3	6, 9, 10
DÍEZ GARRETAS, B.	2	21, 27
EPELDE, A.	1	13
ESCUDERO, A.	1	23
FERNÁNDEZ PRIETO, J.A.	4	5, 6, 9, 10
FERNÁNDEZ-GONZÁLEZ, F.	9	7, 8, 9, 10, 12, 18, 21, 23, 27
GARCÍA-MIANGOS, I.	2	26, 28
GAVILÁN, R.	1	23
GUTIÁN, J.	1	1

Izco, J. & al. Index of the Phytosociological Nomenclature section of Lazaroa

HERRERA, M.	4	5, 15, 20, 32
IZCO, J.	9	2, 3, 4, 11, 12, 16, 18, 19, 29
LADJERO, M.	1	17
LODI, J.	6	15, 20, 22, 24, 26, 28
MOLINA, A.	1	4
ORTIZ, S.	4	1, 2, 3, 13
PÉREZ BADIA, R.	1	31
RIVAS-MARTÍNEZ, S.	4	7, 8, 9, 10
RODRÍGUEZ OUBINA, J.	1	13
ROMERO, M.I.	1	17
RUBIO, A.	1	23
SOLANAS, J.L.	1	30
THEILLAT, J.P.	1	18

APPENDIX 3

Alphabetic Index of the names cited in the Phytosociological Nomenclature Section (1989-1997)
(for abbreviations, see Table 1)

Syntaxon name and nomenclatural information	Volume & page of <i>Lazaroa</i>
<i>Adenostylo-Valerianetum</i> Rivas-Martínez 1969 nom. inval. (A2b) [DR]	14: 170
<i>Aegopodium podagrariae</i> Tüxen 1967	16: 170
<i>Aeonio-Euphorbietum canariense</i> Rivas Goday & Esteve 1965 nom. illeg. (A34) [DR, TR]...	14: 168
<i>Aeonio-Euphorbietum canariensis</i> (Rivas Goday & Esteve 1965) Sunding 1972 [DR, TR].....	14: 168
<i>Aeonio-Euphorbion canariensis</i> Sunding 1972 (A20) [DR, TR].....	14: 168
<i>Agropyrenion farcti</i> Rivas-Martínez, Costa, Castroviejo & Valdés-Bermejo 1980 [DR, TR] ...	12: 374
<i>Agropyrenion junceiformis</i> Rivas-Martínez & Géhu in Rivas-Martínez, Costa, Castroviejo & Valdés-Bermejo 1980 (syn.) (A25) [DR]	12: 377
<i>Agropyretum boreoatlanticum</i> Br.-Bl. & De Leeuw ex Tüxen 1937 nom. illeg. (A34) [DR]....	12: 377
<i>Agropyretum boreo-atlanticum</i> Br.-Bl. & De Leeuw 1936 nom. inval. (A7) [DR]	12: 372
<i>Agropyretum boreoatlanticum subass. boreoadriaticum</i> Pignatti 1953 nom. illeg. (A34)	12: 377
<i>Agropyretum juncei</i> Kühnholtz-Lordat 1923 nom. ambig. propos. (A36) [DR].....	12: 373
<i>Agropyretum juncei</i> M. Hocquette 1927, non Kühnholtz-Lordat 1923 nom. illeg. (A31) [DR] .	12: 372
<i>Agropyretum mediterraneum</i> Br.-Bl. & al. 1952 nom. illeg. (A29, A34) [DR]	12: 373
<i>Agropyretum mediterraneum</i> Br.-Bl. 1933 nom. inval. (A3a) [DR].....	12: 373
<i>Agropyretum mediterraneum festucetosum dunetorum</i> Guinca 1949 nom. inval. (A3c) [DR] .	12: 373
<i>Agropyron juncei</i> (Tüxen in Br.-Bl. & Tüxen 1952) Géhu, Rivas-Martínez & Tüxen in Géhu & al. 1984 nom. illeg. (A29) [DR]	12: 377
<i>Agropyron junceiformis</i> (Tüxen in Br.-Bl. & Tüxen 1952) Géhu, Rivas-Martínez & Tüxen in Rivas-Martínez, Costa, Castroviejo & Valdés-Bermejo 1980 nom. illeg. (A24, A25, A29) [DR].....	12: 372
<i>Agropyro-Honckenyonion peploidis</i> [DR, TR]	12: 377
<i>Agropyro-Honckenyonion peploidis</i> Tüxen in Br.-Bl. & Tüxen 1952 nom. mut. propos. (A45) [DR, TR].....	12: 372
<i>Agropyro-Minuartion peploidis</i> Tüxen in Br.-Bl. & Tüxen 1952 (A18) [DR, TR].....	12: 371
<i>Agropyron junceum mediterraneum-Sporobolus arenarius</i> -Ass. (Kühnholtz-Lordat 1923) Br.-Bl. in Zevaco 1969 nom. illeg. (A29)	12: 377

Izco, J. & al. Index of the Phytosociological Nomenclature section of Lazaroa

<i>Agropyron junceum-Cyperus mucronatus</i> -Ass. (Kühnholtz-Lordat 1923) Br.-Bl. 1933 (nomencl. syn.) (A14, A41b) [DR, TR].....	12: 373
<i>Agropyron junceum-Festuca dunetorum</i> -Ass. Guinea 1949 nom. inval. (A3e) [DR].....	12: 373
<i>Agropyro-Oiantetum crucianelletosum</i> J. & G. Br.-Bl., Rozeira & P. Silva 1972 (syn.) [DR]..	12: 373
<i>Agrostio castellanae-Stipion giganteae</i> Rivas Goday ex Rivas-Martínez & Fernández-González 1991 [DR, HT].....	12: 385
<i>Agrostio rupestris-Armerietum bigerrensis</i> Rivas-Martínez, Fernández-González & Sánchez-Mata 1986 [DR].....	12: 393
<i>Agrostio rupestris-Minuartietum juressi</i> Rivas-Martínez 1963 nom. inval. (A2b, A3b, A7) [DR].....	12: 393
<i>Agrostio-Stipion giganteae</i> Rivas Goday & Rivas-Martínez 1963 nom. inval. (A2b, A8) [DR]...	12: 385
<i>Agrostio-Stipion giganteae</i> Rivas Goday 1958 nom. inval. (A3b) [DR].....	12: 385
<i>Agrostio-Stipion giganteae</i> Rivas Martínez, Fernández-González & Sánchez-Mata 1986 nom. inval. (A5) [DR].....	12: 385
<i>Agrostio-Stipion giganteae</i> Rivas-Martínez & Cantó 1987 nom. inval. (A2b, A8) [DR].....	12: 385
<i>Agrostio-Stipion giganteae</i> Rivas-Martínez 1975 nom. inval. (A2b, A8) [DR].....	12: 385
<i>Alno-Caricetum pendulae</i> O. Bolos & Oberdorfer in Oberdorfer 1953 [DR].....	15: 217
<i>Ammophila arenaria-Medicago marina</i> -Ass. Br.-Bl. 1921 nom. incorr. (A14, A41b, A43) [DR, LT].....	12: 371
<i>Ammophila arenaria-Medicago marina</i> -Ass. ägäische Rasse Oberdorfer 1952 nom. inval. (A3d) [DR].....	12: 374
<i>Ammophila arundinacea-Elymus giganteus</i> -Ass. Vichereck 1971 nom. incorr. (A43).....	12: 378
<i>Ammophila arundinacea-Medicago marina</i> -Ass. Br.-Bl. 1921 corr. 1933 nom. incorr. (A43) [DR].....	12: 378
<i>Ammophilenion arenariae</i> (Tüxen 1955) Géhu 1988 nom. illeg. (A31) [DR].....	12: 379
<i>Ammophilenion arenariae</i> Rivas-Martínez, Costa, Castroviejo & Valdés-Bermejo 1980 [DR, TR].....	12: 379
<i>Ammophilenion arundinaceae</i> Géhu 1988 nom. illeg. (A22, A31) [DR].....	12: 378
<i>Ammophilenion arundinaceae</i> Rivas-Martínez & Géhu in Rivas-Martínez & al. 1980 (syntax. syn.) (A25) [DR].....	12: 378
<i>Ammophilenion australis</i> [DR, TR].....	12: 378
<i>Ammophiletalia</i> Br.-Bl. 1933 [DR, TR].....	12: 371
<i>Ammophiletum</i> sensu Br.-Bl. 1933 (pseudonym) (R46J) [DR].....	12: 378
<i>Ammophiletum arenariae</i> M. Hocquette 1927, non Kühnholtz-Lordat 1923 nom. illeg. (A31, A39) [DR].....	12: 375
<i>Ammophiletum arundinaceae</i> Kühnholtz-Lordat 1923 (syntax. syn.) (A25) [DR].....	12: 378
<i>Ammophilion</i> Br.-Bl. 1921 (A18) [DR, TR].....	12: 371
<i>Ammophilion</i> sensu Br.-Bl. 1933 (pseudonym) (R46J).....	12: 378
<i>Ammophilion arenariae</i> Br.-Bl. 1933 em. Géhu, Rivas-Martínez & Tüxen in Géhu, Costa, Biondi, Peris & Arnold 1984 nom. illeg. (A31) [DR].....	12: 378
<i>Ammophilion arenariae</i> Géhu 1988 (syn.) (A22) [DR].....	12: 377
<i>Ammophilion arundinaceae</i> Géhu 1988 (syn.) (A22) [DR].....	12: 377
<i>Ammophilion australis</i> Br.-Bl. 1921 em. Géhu, Rivas-Martínez & Tüxen in Rivas-Martínez, Costa, Castroviejo & Valdés Bermejo 1980 corr. Fernández Prieto & T.E. Díaz 1991 [DR, TR].....	12: 378
<i>Ammophilion borealis</i> Tüxen in Br.-Bl. & Tüxen 1952 (syn.) (A25) [DR].....	12: 371
<i>Ammophilo australis-Elymetum gigantei</i> Vichereck 1971 corr. Fernández Prieto & T.E. Díaz 1991 [DR].....	12: 378
<i>Anagallido-Juncenalia</i> (Br.-Bl. 1967) Foucault & Géhu 1978 [DR].....	12: 370
<i>Anagallido-Juncetalia</i> Br.-Bl. 1967 (A18) [DR, TR].....	12: 370
<i>Anagallido-Juncetum bulbosi</i> Br.-Bl. 1967 [DR, LT].....	12: 370
<i>Anagallido-Juncion</i> Br.-Bl. 1967 [DR, LT].....	12: 370

Izco, J. & al. Index of the Phytosociological Nomenclature section of Lazaroa

<i>Anagallido-Juncion acutiflori</i> (Br.-Bl. 1967) Foucault & Géhu 1978 nom. illeg. (A19, A40, R10D) [DR]	12: 370
<i>Androsacmo-Ulmetum glabrae</i> Vanden Berghen 1968 (A21, R21A) [DR, NT]	18: 237
<i>Anthyllido-Salsolion papillosoe</i> Rivas Goday & Esteve 1968	15: 219
<i>Arctostaphylo crassifoliae-Daboecietum cantabricae ulicetosum gallii</i> Tarazona & Zaldívar ex Loidi, Berastegui & García-Mijangos 1996 [DR, HT]	17: 143
<i>Arctostaphylo uvae-ursi-Pinetum uncinatae festucetosum scopariae</i> Rivas-Martínez 1968 [DR, LT]	16: 172
<i>Arnicetum atlanticae</i> Bellot 1968 (R46C, R46D) [DR, LT]	13: 174
<i>Arrhenathero baetici-Stipetum giganteae</i> Rivas-Martínez, Fernández-González & Sánchez-Mata 1986 [DR]	12: 385
<i>Artemisietum herba-albae</i> Bellot 1952 nom. inval. (A7) [DR]	17: 148
<i>Artemisio-Anabasietum articulatae</i> López Guadalupe & Esteve 1978 [DR, TR]	15: 219
<i>Asperulo hirsutae-Ulicetum scabri</i> Rivas-Martínez 1987 nom. inval. (A2b) [DR]	15: 224
<i>Asperulo hirsutae-Ulicetum scabri</i> Rivas-Martínez in Díez Garretas, Asensi & Fernández-González 1995 [DR, HT]	15: 224
<i>Astragalo grossii-Santolinetum viscosae</i> Mota, Alvarado, Gómez Mercado, F. Valle & Cabello 1995 (syntax. syn.) (A25) [DR, TR]	17: 150
<i>Aveno sulcatae-Callunetum vulgaris</i> O. Bolòs & Vigo in O. Bolòs 1967 (syntax. syn.) (A25) [DR, LT]	16: 175
<i>Brachypodio-Fraxinetum excelsioris</i> Vigo 1968 [DR, LT]	17: 138
<i>Brachypodio-Fraxinetum excelsioris quercetosum pyrenaicae</i> G. Navarro 1989 [DR]	14: 170
<i>Brometalia rubenti-tectorum</i>	18: 248
<i>Bupleuro gibraltari-ci-Ononidetum speciosae</i> Rivas Goday & Rivas-Martínez 1969 [DR]	15: 218
<i>Buxo sempervirentis-Fagetum sylvaticae</i> Br.-Bl. & Susplugas 1937 (A16) [DR, LT]	17: 138
<i>Buxo sempervirentis-Fagetum sylvaticae abietetosum</i> Br.-Bl. & Susplugas 1937 [DR, LT]	17: 138
<i>Buxo sempervirentis-Quercetum pubescentis</i> Br.-Bl. ex De Bannes-Puygiron 1933 [DR, LT] ..	18: 237
<i>Calluno vulgaris-Genistetum occidentalis</i> Rivas-Martínez & G. Navarro in G. Navarro 1989 [DR]	16: 173
<i>Calluno-Ulicetia</i>	16: 179
<i>Campanulo herminii-Festucetum ibericae</i> Rivas-Martínez 1963 [DR]	12: 393
<i>Campanulo herminii-Nardion</i> Rivas-Martínez 1963	12: 392
<i>Carduo-Silybetum mariani</i> Rivas-Martínez in Rivas-Martínez & al. 1992	16: 170
<i>Carex camposii-Caltha palustris rotundifolia-Ass.</i> Br.-Bl. 1967 nom. inval. (A3b) [DR]	12: 370
<i>Carex pendula-Brachypodium sylvaticum-Alnetum</i> Br.-Bl. 1967 nom. illeg. (A10) [DR, LT] ..	15: 217
<i>Caricetum echinatae</i> Bellot 1949 nom. inval. (A2b, A7) [DR]	13: 174
<i>Carici pendulae-Alnetum</i> auct., non O. Bolòs & Oberdorfer in Oberdorfer 1953 (pseudonym) (R46J) [DR]	15: 217
<i>Carici sylvaticae-Fagetum (sylvaticae)</i> (Rivas-Martínez 1965) C. Navarro 1982 nom. inval. (A5) [DR]	13: 171
<i>Carici sylvaticae-Fagetum (sylvaticae)</i> (Rivas-Martínez 1965) C. Navarro ex Pérez-Carro & T.E. Díaz 1987 (A6) [DR, TR]	13: 172
<i>Carici sylvaticae-Fagetum (sylvaticae)</i> Biondi, Allegranza, Ballelli, Guitián & Taffetani 1989 nom. illeg. (A31) [DR]	13: 172
<i>Carici sylvaticae-Fagetum sylvaticae</i> (Rivas-Martínez 1965) C. Navarro 1982 (D7, A2b, A5, A7, A26, A27, A28, A39) [DR, TR]	15: 212
<i>Caro-Cynosuretum cristati</i> Tüxen & Oberdorfer 1958	13: 175
<i>Carpinion</i>	17: 138
<i>Carthamo arborescentis-Ballotetum hirsutae</i> Rivas Goday & Rigual 1958 corr. Alcaraz, T.E. Díaz, Rivas-Martínez & Sánchez-Gómez 1989 [DR]	18: 248
<i>Carthamo arborescentis-Ballotetum hispanicae</i> Rivas Goday & Rigual 1958 nom. incorr. (A43) [DR]	18: 248

Izco, J. & al. Index of the Phytosociological Nomenclature section of Lazaroa

<i>Centaureo ornatae-Stipetum lagascae</i> Rivas-Martínez & Fernández-González 1991 [DR, HT] .	12: 385
<i>Centaureo ornatae-Stipetum lagascae</i> Rivas-Martínez, Fernández-González & Sánchez-Mata 1986 nom. inval. (A2b, A5, A7) [DR].....	12: 386
<i>Centaureo-Stipetum lagascae</i> Rivas-Martínez 1975 nom. inval. (A2b, A6, A7) [DR].....	12: 386
<i>Cephalanthero longifoliae-Quercetum rotundifoliae</i> Rivas-Martínez, T.E. Díaz, Fernández Prieto, Loidi & Penas 1984 (syntax. syn.) (A25) [DR, TR].....	13: 173
<i>Cephalanthero rubrae-Quercetum fagineae</i> Rivas-Martínez in Rivas-Goday & al. 1960 corr. Rivas-Martínez 1972 [DR, LT].....	17: 139
<i>Cephalanthero-Quercetum valentinae</i> Rivas-Martínez in Rivas-Goday & al. 1960 nom. incorr. (A43) [DR, LT]	17: 139
<i>Cetrario-Loiseleurietum pyrenaicum</i> Rivas-Martínez 1968 nom. illeg. (A34) [DR, LT]	15: 216
<i>Chaerophyllo aurei-Valerianetum pyrenaicae</i> Rivas-Martínez, T.E. Díaz, Fernández Prieto, Loidi & Penas 1984 nom. incorr. (A43) [DR].....	14: 170
<i>Chaerophyllo hirsuti-Valerianetum pyrenaicae</i> Rivas-Martínez, T.E. Díaz, Fernández Prieto, Loidi & Penas 1984 corr. Izco & Guitián in Izco, Amigo & Guitián 1986 [DR]	14: 170
<i>Chaerophyllo hirsuti-Valerianetum pyrenaicae</i> Vigo & Carreras 1984 nom. illeg. (A31, A40) [DR]	14: 171
<i>Chenopodio albi-Oxalidetum latifoliae</i> Br.-Bl. 1967 corr. J. Guitián & Ortiz 1989 (R10D, A19) [DR, LT]	11: 178
<i>Chenopodio boni-henrici-Senecionetum duriaei</i> Rivas-Martínez 1963 [DR, LT]	16: 170
<i>Chenopodio boni-henrici-Taraxacetum pyrenaici</i> Br.-Bl. 1948 [DR, LT]	16: 170
<i>Chenopodio-Oxalidetum violaceae</i> Br.-Bl. 1967 nom. incorr. (A43) [DR, LT].....	11: 178
<i>Circaeo luetianae-Alnetum</i> (Br.-Bl. 1967) C. Navarro 1982, non Oberdorfer 1953 nom. illeg. (A31) [DR, LT].....	15: 217
<i>Circaeo luetianae-Alnetum</i> Oberdorfer 1953 [DR].....	15: 217
<i>Cirsio filipenduli-Ericetum ciliaris</i> Br.-Bl., P. Silva & Rozeira 1964	17: 142
<i>Cirsio filipenduli-Ericetum ciliaris ericetosum vagantis</i> Rivas-Martínez 1979 (nomencl. syn.) (A26) [DR, LT].....	17: 141
<i>Cistetum laurifolii valentinum</i> Vigo 1968 nom. inval. (A3b) [DR]	16: 175
<i>Cistion ladaniferi</i> Br.-Bl. 1940	16: 173
<i>Cistion laurifolii</i> Rivas Goday 1949 nom. inval. (A2b) [DR]	16: 174
<i>Cistion laurifolii</i> Rivas Goday in Rivas Goday & al. 1956 [DR, TR].....	16: 172
<i>Cisto clusii-Ulicetum almijarensis</i> Nieto Caldera 1988 nom. ined. (A1, A2c, A10) [DR].....	15: 223
<i>Cisto clusii-Ulicetum baeticum</i> Asensi & Díez Garretas 1987 nom. illeg. (A31, A40) [DR, TR]..	15: 221
<i>Cisto clusii-Ulicetum baeticum</i> Nieto Caldera, Pérez & Cabezudo 1988 nom. illeg. (A31, A40) [DR, TR].....	15: 221
<i>Cisto clusii-Ulicetum rivasgodayani</i> Nieto Caldera & Cabezudo in Nieto Caldera, Cabezudo & Trigo 1989 [DR, TR].....	15: 223
<i>Cisto ladaniferi-Genistetum hystrix</i> P. Silva (1965) 1970 [DR].....	16: 173
<i>Cisto-Arctostaphyletum</i> Rivas-Martínez 1968 nom. inval. (A2b) [DR].....	16: 176
<i>Cisto-Lavanduletea</i> Br.-Bl. 1940	16: 172
<i>Cisto-Lavanduletea</i>	15: 218
<i>Cisto-Lavandulion pedunculatae</i> Rivas-Martínez 1968 nom. illeg. (A29) [DR].....	16: 174
<i>Coridothymo-Genistetum haenseleri</i> Rivas Goday & Rivas-Martínez 1969 [DR]	15: 218
<i>Coridothymo-Genistion umbellatae</i> Rivas Goday in Rivas Goday & Borja 1961 nom. inval. (A2b) [DR]	15: 219
<i>Crataego laevigatae-Quercetum roboris quercetosum petraeae</i> Rivas-Martínez, Báscones, T.E. Díaz, Fernández-González & Loidi 1991 (syn.) (A27) [DR, TR]	17: 138
<i>Crucianelletum</i> Br.-Bl. 1921 nom. inval. (A7) [DR].....	12: 371
<i>Crucianelletum maritima</i> Br.-Bl. 1933	12: 378
<i>Cypero mucronati-Agropyretum juncei</i> (Kühnholtz-Lordat 1923) Br.-Bl. 1933 nom. inv. propos. (A42) [DR, TR]	12: 373

<i>Cytisunion oromediterranei</i> [DR].....	12: 381
<i>Cytisetalia scopario-striati</i>	17: 145
<i>Cytision oromediterranei</i> Tüxen in Tüxen & Oberdorfer 1958 corr. Rivas-Martínez 1987 [DR, TR]	12: 380
<i>Cytision oromediterranei</i> Tüxen in Tüxen & Oberdorfer 1958 corr. Rivas-Martínez 1987	12: 388
<i>Cytiso reverchonii-Cistetum laurifolii</i> Valle, Gómez Mercado & Mota 1988 [DR, TR]	16: 180
<i>Cytiso scoparii-Ericetum arboreae thymetosum mastichinae</i> Tarazona 1984 nom. inval. (A5) [DR].....	17: 146
<i>Cytiso scoparii-Genistetum polygaliphyllae</i> Rivas-Martínez, T.E. Díaz, Fernández Prieto, Loidi & Penas 1984 [DR].....	17: 146
<i>Cytiso scoparii-Genistetum polygaliphyllae lavanduletosum pedunculatae</i> Penas, T.E. Díaz & al. 1988 [DR].....	17: 146
<i>Cytiso scoparii-Genistetum polygaliphyllae thymetosum mastichinae</i> Tarazona in Loidi, Berastegui & García-Mijangos 1996 [DR, HT]	17: 146
<i>Cytisus purgans-Juniperus communis</i> subsp. <i>alpina-Comm.</i> González-Albo 1941 nom. inval. (A3d) [DR]	12: 382
<i>Daboecio-Ulicetum gallii</i> (Br.-Bl. 1967) Rivas-Martínez 1979	17: 142
<i>Daboecio-Ulicetum gallii arctostaphyletum crassifoliae</i> Tarazona & Zaldívar 1987 nom. inval. (A5) [DR]	17: 143
<i>Daboecio-Ulicetum gallii ericetosum ciliaris</i> Rivas-Martínez, Ladero & C. Navarro in C. Navaro 1982 nom. illeg. (A25) [DR].....	17: 142
<i>Daboecio-Ulicetum gallii halimietosum umbellati</i> Fernández-Prieto & Loidi 1984 nom. inval. (A5) [DR]	17: 143
<i>Dactylorhizo fuchsii-Fagetum sylvaticae</i> (Biondi & al. 1989) Izco & Biondi 1992 nom. nov. (A39) [DR]	13: 172
<i>Digitali-Senecionetum carpetani</i> Rivas-Martínez 1963	12: 388
<i>Diotiso-Ammophiletum arenariae arundinaceae</i> Géhu nom. ined. (A1) [DR].....	15: 213
<i>Echinophoro spinosae-Ammophiletum arenariae</i> (Br.-Bl. 1933) Géhu, Rivas-Martínez & Tüxen in Géhu & al. 1984 nom. illeg. (D10, A29) [DR]	12: 374
<i>Echinophoro spinosae-Ammophiletum arundinaceae</i> Rivas-Martínez, Costa, Castrovicjo & Valdés-Bermejo 1980 (syntax. syn.) (A25) [DR].....	12: 378
<i>Echinophoro spinosae-Elymetum farcti</i> (Br.-Bl. 1933) Géhu 1988 (nomencl. syn.) (A29) [DR].	12: 374
<i>Echinopartietum iberici</i> Rivas-Martínez 1974 corr. Rivas-Martínez & al. 1990	16: 179
<i>Elymion arenarii</i> sensu Tüxen 1937, non W. Christiansen 1927 (pseudonym) (R46J) [DR] ...	12: 377
<i>Elymo arenarii-Agropyretum junceiformis</i> (Br.-Bl. & De Leeuw ex Tüxen 1937) Tüxen in Tüxen & Bockelmann 1957 (A39) [DR].....	12: 372
<i>Elymo arenarii-Ammophiletum arenariae</i> Br.-Bl. & De Leeuw 1936 [DR, TR].....	12: 375
<i>Elymo gigantei-Agropyretum juncei</i> Géhu, Biondi, Géhu-Franck & Arnold 1986 [DR, TR] ...	12: 374
<i>Ephedro nebrodensis-Centaurectum hyssopifoliae</i> Rivas Goday in Rivas Goday & al. 1957 (syntax. syn.) (A25) [DR].....	17: 148
<i>Erica aragonensis-Arctostaphylos uva-ursi-Ges.</i> Tüxen & Oberdorfer 1958 nom. inval. (A3c) [DR].....	17: 144
<i>Erica aragonensis-Sarothamnus scoparius-Ass.</i> Tüxen & Oberdorfer 1958 (syn.) [DR].....	17: 144
<i>Ericion umbellatae</i>	16: 173
<i>Erico arboreae-Arctostaphyletum crassifoliae</i> Rivas-Martínez 1968 [DR, TR].....	16: 177
<i>Erico arboreae-Arctostaphyletum crassifoliae ericetosum aragonensis</i> V. Fuente 1986 [DR, TR]	16: 178
<i>Erico arboreae-Arctostaphyletum crassifoliae ericetosum scopariae</i> Rivas-Martínez 1968 [DR, TR].....	16: 177
<i>Erico arboreae-Arctostaphyletum crassifoliae erinaceetosum anthyllidis</i> G. Navarro 1989 [DR, TR]	16: 178
<i>Erico arboreae-Arctostaphyletum crassifoliae halimietosum ocymoidis</i> Rivas-Martínez 1968 [DR, LF]	16: 177

Izco, J. & al. Index of the Phytosociological Nomenclature section of Lazaroa

<i>Erico arboreae-Arctostaphyletum crassifoliae juniperetosum hemisphaericae</i> Costa 1974 [DR, TR].....	16: 177
<i>Erico arboreae-Arctostaphyletum crassifoliae juniperetosum nanae</i> Costa 1974 corr. Rivas-Martínez & Cantó 1987 nom. illeg. (A19, A29, A40) [DR, TR].....	16: 177
<i>Erico arboreae-Arctostaphyletum crassifoliae typicum</i> Rivas-Martínez 1968 (A19) [DR, TR].....	16: 177
<i>Erico multiflorae-Thymetum longiflori</i> Martínez Parras & Esteve 1980 (R10D) [DR, TR].....	15: 222
<i>Erico scopariae-Arctostaphyletum crassifoliae</i> Mateo & Mansanet 1983 [DR, TR].....	16: 180
<i>Erico scopariae-Arctostaphyletum crassifoliae arctostaphyletosum</i> Mateo & Mansanet 1983 nom. inval. (A5) [DR].....	16: 180
<i>Erico scopariae-Arctostaphyletum crassifoliae cistetosum ladaniferi</i> Mateo & Mansanet 1983 nom. inval. (A5) [DR].....	16: 180
<i>Erico scopariae-Arctostaphyletum crassifoliae cistetosum populifolii</i> Mateo & Mansanet 1983 nom. inval. (A5) [DR].....	16: 180
<i>Erico scopariae-Cistetum populifolii</i> O. Bolòs 1957 [DR, TR].....	16: 175
<i>Erico scopariae-Cistetum populifolii cistetosum populifolii</i> Mateo & Mansanet 1983 nom. inval. (A5) [DR].....	16: 180
<i>Erico scopariae-Cistetum populifolii ericetosum cinerea</i> Mateo & Mansanet 1983 nom. inval. (A5) [DR].....	16: 180
<i>Erico-Genistetum purgantis</i> Tüxen in Tüxen & Oberdorfer 1958.....	12: 381
<i>Eryngio maritimi-Ammophiletum arundinaceae</i> Géhu 1988 (syntax. syn.) (A25) [DR].....	12: 375
<i>Eryngio maritimi-Elymetum farcti</i> Géhu 1988 (syn.) (A22) [DR].....	12: 378
<i>Eryngio trifidi-Ulicion erinacei</i> Rothm. 1943 (A45) [DR, LT].....	15: 218
<i>Eryngio-Honckenyetum</i> J. & G. Br.-Bl., Rozeira & P. Silva 1972 (syntax. syn.) (A25) [DR].....	12: 373
<i>Eryngio-Ulicenion erinacei</i> [DR, LT].....	15: 220
<i>Euphorbia pauciflora-Lepidium subulatum-Comm.</i> Rivas Goday 1957 nom. inval. (A3c) [DR].....	17: 153
<i>Euphorbia paraliae-Agropyretum juncei</i> Tüxen in Br.-Bl. & Tüxen 1952 nom. incorr. (A43) [DR, LT].....	12: 372
<i>Euphorbia paraliae-Agropyretum junceiformis</i> Tüxen in Br.-Bl. & Tüxen 1952 corr. Darjmont Duvigneaud & Lambinon 1962 [DR, LT].....	12: 373
<i>Euphorbia paraliae-Ammophiletum arenariae</i> sensu auct. iber., non Tüxen 1952 (pseudonym) (R46J).....	12: 379
<i>Euphorbia paraliae-Ammophiletum arenariae</i> Tüxen in Br.-Bl. & Tüxen 1952 [DR, LT].....	12: 379
<i>Euphorbia-Agropyretum juncei honckenyetosum peploidis</i> Lorient 1974 (syn.).....	12: 377
<i>Euphorbia-Ammophiletum arenariae medicaginetosum marinae</i> Rivas-Martínez 1972 (syn.).....	12: 379
<i>Euphorbia regis-jubae</i> Rivas Goday 1960 nom. inval. (A2b) [DR].....	14: 168
<i>Fagion</i>	17: 138
<i>Festucetalia indigestae</i> Rivas Goday & Rivas-Martínez in Rivas-Martínez 1963.....	12: 392
<i>Festucetum hystricis</i> Font Quer 1954 [DR, LT].....	18: 236
<i>Festuco heterophyllae-Quercetum pyrenaicae</i> Br.-Bl. 1967 [DR, LT].....	14: 169
<i>Festuco heterophyllae-Quercetum pyrenaicae</i>	17: 146
<i>Festuco heterophyllae-Quercetum pyrenaicae quercetosum petraeae</i> Br.-Bl. 1967 (syntax. syn.) (A25) [DR].....	14: 169
<i>Festuco hystricis-Poetalia ligulatae</i> Rivas Goday & Rivas-Martínez 1963.....	11: 181
<i>Festuco hystricis-Thymion mastigophori</i> Izco & Molina in Molina 1984 nom. ined. (A1) [DR].....	11: 181
<i>Galio aparines-Conietum maculati</i> Rivas-Martínez ex G. López 1978 [DR, LT].....	16: 170
<i>Genista hispanica villosa-Lavandula pedunculata-Ass.</i> Rivas Goday & Madueño in Rivas Goday & al 1956 nom. inval. (A3b) [DR].....	16: 173
<i>Genistetum obtusirameo-polygalaeifoliae</i> Bellot 1968 (R10C) [DR, LT].....	17: 146
<i>Genistetum obtusirameo-polygaliphyllae</i> Bellot 1968 nom. mut. propos. (A45) [DR, LT].....	17: 146
<i>Geniston purgantis</i> Tüxen in Tüxen & Oberdorfer 1958 nom. incorr. (A29, A36, A38, A43) [DR].....	12: 380

<i>Genisto anglicae-Daboecietum cantabrigae</i> Bascónes & Peralta in Loidi, Berastegui & García-Mijangos 1996 [DR, HT]	17: 145
<i>Genisto anglicae-Ericetum vagantis</i>	18: 237
<i>Genisto anglicae-Ericetum vagantis cistetosum laurifolii</i> Tarazona 1984 nom. inval. (A5) [DR]..	17: 145
<i>Genisto anglicae-Ericetum vagantis cistetosum laurifolii</i> Tarazona in Loidi, Berastegui & García-Mijangos 1996 [DR, HT]	17: 145
<i>Genisto anglicae-Ericetum vagantis daboecietosum</i> Tarazona 1984 nom. inval. (A5) [DR]	17: 145
<i>Genisto cinerascens-Cistetum laurifolii</i> Rivas-Martínez 1968 (syntax. syn.) (A25) [DR, TR]..	16: 174
<i>Genisto cinerascens-Cistetum laurifolii cistetosum ladaniferi</i> Rivas-Martínez & G. López in G. López 1976 [DR, TR].....	16: 175
<i>Genisto cinerascens-Cistetum laurifolii cytisetosum purgantis</i> Costa 1974 (nomencl. syn.) (A26) [DR, TR]	16: 174
<i>Genisto cinerascens-Cistetum laurifolii ericetosum arboreae</i> Rivas-Martínez 1968 (nomencl. syn.) (A26) [DR, LT].....	16: 174
<i>Genisto cinerascens-Cistetum laurifolii typicum</i> Rivas-Martínez 1968 (nomencl. syn.) (A19, A26) [DR, LT]	16: 174
<i>Genisto equisetiformis-Cytisetum fontanesii</i> Rivas Goday & Rivas-Martínez 1969 [DR, LT]..	15: 221
<i>Genisto falcatae-Quercetum rotundifoliae</i> (Bellot 1951) Br.-Bl. ex Bellot 1968 corr. Izco & Fernández-González 1993 [DR, TR].....	13: 174
<i>Genisto hystrix-Quercetum rotundifoliae quercetosum suberis</i> De la Fuente & Morla 1986 [DR].....	18: 241
<i>Genisto occidentalis-Lavanduletum pedunculatae</i> Rivas-Martínez 1979 nom. inval. (A3b) [DR]	16: 173
<i>Genisto pilosae-Ericetum aragonensis</i> Rivas-Martínez 1979	16: 177
<i>Genisto pilosae-Ericetum aragonensis</i> Rivas-Martínez 1979 [DR].....	17: 144
<i>Genisto pilosae-Ericetum aragonensis cistetosum laurifolii</i> Tarazona 1984 nom. inval. (A5) [DR]	17: 144
<i>Genisto pilosae-Ericetum aragonensis cistetosum laurifolii</i> Tarazona in Loidi, Berastegui & García-Mijangos 1996 [DR, HT]	17: 144
<i>Genisto pilosae-Ericetum aragonensis cytisetosum oromediterranei</i> Rivas-Martínez 1979 corr. Loidi, Berastegui & García-Mijangos 1996 [DR].....	17: 144
<i>Genisto pilosae-Ericetum aragonensis cytisetosum purgantis</i> Rivas-Martínez 1979 nom. incorr. (A43) [DR].....	17: 144
<i>Genisto pilosae-Ericetum aragonensis daboecietosum cantabrigae</i> Tarazona 1984 nom. inval. (A5) [DR]	17: 145
<i>Genisto pilosae-Ericetum aragonensis daboecietosum cantabrigae</i> Tarazona in Loidi, Berastegui & García-Mijangos 1996 [DR, HT]	17: 145
<i>Genisto pilosae-Ericetum aragonensis ericetosum aragonensis</i> Rivas-Martínez 1979 [DR]....	17: 144
<i>Genisto pilosae-Ericetum aragonensis ericetosum arboreae</i> Tarazona & Zaldívar 1987 nom. inval. (A5) [DR].....	17: 145
<i>Genisto pilosae-Ericetum aragonensis ericetosum arboreae</i> Tarazona 1984 nom. inval. (A5) [DR].....	17: 145
<i>Genisto pilosae-Ericetum aragonensis genistetosum anglicae</i> Tarazona 1984 nom. inval. (A5) [DR].....	17: 144
<i>Genisto pilosae-Ericetum aragonensis genistetosum anglicae</i> Tarazona in Loidi, Berastegui & García-Mijangos 1996 [DR, HT]	17: 144
<i>Genisto pilosae-Ericetum aragonensis pterospartetosum tridentati</i> G. Navarro 1986 nom. ined. (A1) [DR]	17: 144
<i>Genisto pilosa-Erica aragonensis-Comm.</i> Rivas-Martínez 1962 nom. inval. (A3c) [DR]	17: 144
<i>Genisto spartioidis-Phlomidion almeriensis</i> Rivas Goday & Rivas-Martínez 1969 [DR].....	15: 218
<i>Genisto-Arctostaphyletum</i> Br.-Bl. 1939	12: 381
<i>Genisto-Caricetum binervis</i> Br.-Bl. 1967 nom. inval. (A3b) [DR].....	12: 370

Izco, J. & al. Index of the Phytosociological Nomenclature section of Lazaroa

<i>Genisto-Quercetum ilicis</i> (Bellot 1951) Br.-Bl. 1967 nom. inval. (A2b, A3f) [DR].....	13: 173
<i>Genisto-Quercetum ilicis</i> (Bellot 1951) Br.-Bl. ex Bellot 1968 nom. incorr. (A43) [DR, TR]..	13: 174
<i>Genisto-Quercetum ilicis</i> Br.-Bl. 1966 nom. inval. (A2b) [DR]	13: 173
<i>Gymnogrammo-Scrophularion</i> Rivas Goday 1964 nom. inval. (A3b) [DR].....	12: 384
<i>Gypsophilenion hispanicae</i> (Br.-Bl. & O. Bolòs 1958) Mofina, Loidi & Fernández-González 1993 [DR, TR].....	17: 152
<i>Gypsophiletalia</i> Bellot & Rivas Goday in Rivas Goday & al. 1957 [DR, TR].....	17: 147
<i>Gypsophiletalia</i> Bellot 1952 nom. inval. (A3b) [DR]	17: 147
<i>Gypsophilion</i> Br.-Bl. & O. Bolòs 1958 (syntax. syn.) (A25) [DR, TR].....	17: 152
<i>Gypsophilion hispanicae</i> Rivas Goday 1957 nom. inval. (A3b) [DR]	17: 152
<i>Gypsophilo hispanicae-Teucrietum verticillati</i> Rivas Goday & Rigual in Rivas Goday & al. 1957 nom. incorr. (A43) [DR]	17: 152
<i>Gypsophilo struthii-Centaureetum hyssopifoliae</i> Rivas Goday in Rivas Goday & al. 1957 (A19) [DR, LT].....	17: 148
<i>Gypsophilo struthii-Centaureetum hyssopifoliae ononidetosum tridentatae</i> Rivas Goday in Rivas Goday & al. 1957 (A19) [DR, TR].....	17: 148
<i>Gypsophilo struthii-Lepidietum subulati</i> Bellot 1952 nom. inval. (A2b, A7) [DR].....	17: 148
<i>Gypsophilo struthii-Ononidetum edentulae</i> Costa. Peris & Figuerola in Costa & Peris 1985 [DR, TR].....	17: 149
<i>Gypsophilo struthii-Teucrietum verticillati</i> Rivas Goday & Rigual in Rivas Goday & al. 1957 corr. Rivas Goday & Rivas-Martínez 1969 (syntax. syn.) (A25) [DR].....	17: 152
<i>Gypsophilo-Santolinenion viscosae</i> (Rivas Goday & Esteve 1968) Alcaraz, Sánchez-Gómez, De la Torre, Ríos & Álvarez-Rogel 1991 [DR, HT]	17: 150
<i>Gypsophilo-Santolinenion viscosae</i> Rivas Goday & Esteve 1968 (syntax. syn.) (A25) [DR, HT]...	17: 150
<i>Halimietum commutati</i> Rivas-Martínez 1970 [DR, TR]	16: 173
<i>Halimio ocymoidis-Cistetum laurifolii</i> Rivas-Martínez 1968 (A26) [DR, TR]	16: 177
<i>Halimio ocymoidis-Cistetum laurifolii ericetosum aragonensis</i> Tarazona 1984 nom. inval. (A5) [DR]	16: 177
<i>Halimio ocymoidis-Cistetum laurifolii ericetosum aragonensis</i> Tarazona 1984 nom. inval. (A5) [DR]	18: 237
<i>Halimio ocymoidis-Cistetum laurifolii ericetosum aragonensis</i> Tarazona ex Loidi, Berastegui & García-Mijangos 1997 [DR, HT]	18: 237
<i>Halimio umbellati-Daboecietum cantabricae</i> Fernández-Prieto & Loidi 1984 nom. inval. (A5) [DR]	17: 143
<i>Halimio umbellati-Daboecietum cantabricae</i> Fernández-Prieto & Loidi in Loidi, Berastegui & García-Mijangos 1996 [DR, HT]	17: 143
<i>Halimio umbellati-Daboecietum cantabricae daboecietosum cantabricae</i> Fernández-Prieto & Loidi 1984 nom. inval. (A5) [DR].....	17: 143
<i>Halimio umbellati-Daboecietum cantabricae daboecietosum cantabricae</i> Fernández-Prieto & Loidi in Loidi, Berastegui & García-Mijangos 1996 [DR, HT].....	17: 143
<i>Halimio umbellati-Daboecietum cantabricae ulicetosum gallii</i> Fernández-Prieto & Loidi in Loidi, Berastegui & García-Mijangos 1996 [DR, HT].....	17: 143
<i>Halimio viscosi-Cistetum laurifolii</i> Martínez Parras & Moñero Mesa 1983 [DR, TR]	16: 180
<i>Halimio viscosi-Cistetum laurifolii thymetosum vulgaris</i> Sánchez-Gómez & Alcaraz 1992 (syn.) [DR, TR].....	16: 180
<i>Halimio-Ericetum aragonensis</i> Rivas-Martínez 1979	16: 178
<i>Hedero heliciis-Cytisetum heterochroi</i> Mateo 1983 corr. M.B. Crespo 1989 nom. ined. (A1) [DR].	18: 244
<i>Hedero heliciis-Cytisetum heterochroi</i> Mateo 1983 corr. R. Roselló 1994 nom. mut. propos. (A45) [DR, TR].....	18: 244
<i>Hedero heliciis-Cytisetum patentis</i> Mateo 1983 nom. incorr. (A43) [DR, TR].....	18: 244
<i>Hedero heliciis-Cytisetum patentis cytisetosum patentis</i> Mateo 1983 nom. incorr. (A43) [DR, TR].....	18: 245

<i>Hedero helioides-Genistetum patens</i> Mateo 1983 corr. R. Roselló 1994 [DR, TR].....	18: 244
<i>Hedero helioides-Genistetum patens cymosum heterochroa</i> Mateo 1983 corr. M.B. Crespo & J.L. Solanas 1997 [DR, TR]	18: 245
<i>Hedero helioides-Genistetum patens fraxinetosum orní</i> Mateo 1983 [DR, TR].....	18: 245
<i>Helianthemum squamati</i> Br.-Bl. & Bolòs 1958 (syntax. syn.) (A25) [DR, TR].....	17: 153
<i>Helianthemum squamati stipetosum parviflorae</i> Br.-Bl. & Bolòs 1958 (syn.) [DR, TR].....	17: 153
<i>Helianthemum alypoides-Gypsophiletum struthii</i> (Rivas Goday & Esteve 1968) Alcaraz, T.E. Díaz, Rivas-Martínez & Sánchez-Gómez 1989 [DR, TR].....	17: 150
<i>Helianthemum cani-Thymion mastigophori</i> Loidi & Prieto 1987 nom. dub. (A9, A38) [DR, TR]..	11: 181
<i>Helianthemum hirtum-Saturejetum micranthae</i> Rivas Goday 1964 [DR, IT].....	15: 221
<i>Helianthemum racemosum-Centaurectum hyssopifoliae</i> Rivas Goday & Rivas-Martínez in Rivas Goday & al. 1957 (syntax. syn.) (A25) [DR].....	17: 148
<i>Helianthemum racemosum-Gypsophiletum hispanicae</i> Rivas Goday in Rivas Goday & al. 1957 nom. incorr. (A43) [DR, TR].....	17: 153
<i>Helianthemum racemosum-Teucrietum lepiccephali</i> Rivas Goday & Rigual 1958 nom. incorr. (A43) [DR, TR]	17: 151
<i>Helianthemum racemosum-Teucrietum verticillati</i> Rivas Goday & Rigual in Rivas Goday & al. 1957 nom. incorr. (A43) [DR, TR].....	17: 152
<i>Helianthemum thibaudii-Gypsophiletum hispanicae</i> Rivas Goday in Rivas Goday & al. 1957 corr. Rivas-Martínez, Bascónes, T.E. Díaz, Fernández-González & Loidi 1991 [DR, TR]..	17: 152
<i>Helianthemum thibaudii-Teucrietum libanidis</i> Rivas Goday & Rigual in Rivas Goday & al. 1957 corr. Díez Garretas, Fernández-González & Asensi 1996 nom. mut. propos. (A45) [DR, TR].....	17: 152
<i>Helianthemum thibaudii-Teucrietum verticillati</i> Rivas Goday & Rigual in Rivas Goday & al. 1957 corr. Díez Garretas, Fernández-González & Asensi 1996 [DR, TR]	17: 152
<i>Helianthemum thibaudii-Teucrietum lepiccephali</i> Rivas Goday & Rigual 1958 corr. Alcaraz, T.E. Díaz, Rivas-Martínez & Sánchez-Gómez 1989 [DR, TR].....	17: 151
<i>Helianthemum-Euphorbion balsamiferae</i> Sinding 1972 (syntax. syn.) (A25) [DR]	14: 168
<i>Helictotricho cantabrici-Genistetum occidentalis</i> M. Herrera 1995 nom. inval. (A5) [DR].....	18: 252
<i>Helictotricho cantabrici-Genistetum occidentalis</i> M. Herrera 1997 [DR, IT]	18: 252
<i>Helictotricho cantabrici-Genistetum occidentalis dorycnietosum pentaphylli</i> (Loidi, Bascónes, Ursúa & Casas-Flecha 1988) M. Herrera 1997 (comb. nov.) [DR].....	18: 252
<i>Helictotricho cantabrici-Genistetum occidentalis ulicetosum cantabrici</i> M. Herrera 1995 nom. inval. (A5) [DR].....	18: 252
<i>Helictotricho cantabrici-Genistetum occidentalis ulicetosum cantabrici</i> M. Herrera 1997 [DR, IT].....	18: 252
<i>Helictotricho cantabrici-Genistetum occidentalis ulicetosum europaei</i> M. Herrera 1995 nom. inval. (A5) [DR].....	18: 252
<i>Helictotricho cantabrici-Genistetum occidentalis ulicetosum europaei</i> M. Herrera 1997 [DR, IT]	18: 252
<i>Hemiarion fruticosae-Teucrietum floccosi</i> Rivas-Martínez & Costa 1970 [DR, TR]	17: 149
<i>Hemiarion fruticosae-Teucrietum pumili</i> Rivas-Martínez & Costa 1970 nom. mut. propos. (A45) [DR, TR]	17: 149
<i>Hieracium carpetani</i> González-Albo 1941 nom. dub. (A19, A29, A37, A39) [DR].....	12: 390
<i>Hieracium carpetani phrynetosum boryi</i> González-Albo 1941 (syn.) (A19, A30) [DR, IT]..	12: 391
<i>Hieracio castellani-Festucetum aragonensis</i> Rivas-Martínez & Cantó 1987 corr. Rivas-Martínez, Fernández-González, Sánchez-Mata & Pizarro 1990 [DR]	12: 392
<i>Hieracio myriadeni-Festucetum aragonensis</i> Rivas-Martínez 1963 corr. Rivas-Martínez, Fernández-González, Sánchez-Mata & Pizarro 1990 [DR].....	12: 392
<i>Hieracion carpetani</i> González-Albo 1941 nom. dub. (A29, A38) [DR].....	12: 386
<i>Hieracio-Plantaginion radicatae</i> Rivas-Martínez & Cantó 1987	12: 392
<i>Honckenyo-Agroppycnion boreoatlantici</i> (Hocquette 1927) Géhu 1988 (syn.) (A22) [DR].....	12: 377

Izco, J. & al. Index of the Phytosociological Nomenclature section of Lazaroa

<i>Honckenyo-Agrophyretum junceiformis</i> Loriente 1986 (syntax. syn.) (A25) [DR]	12: 373
<i>Honckenyo-Elymetea arenarii</i> Tüxen 1966	12: 376
<i>Hyperico androsaemi-Alnetum glutinosae</i> (Br.-Bl. 1967) Rivas-Martínez in Loidi 1983 [DR, LT]	15: 217
<i>Hyperico elodis-Scirpetum fluitantis</i> Br.-Bl. 1967 [DR]	12: 370
<i>Hypochoerido radicatae-Cistetum laurifolii</i> O. Bolòs 1983 (syntax. syn.) (A25) [DR, TR]	16: 175
<i>Iberido contractae-Lavanduletum pedunculatae</i> Costa 1972 [DR, TR]	16: 179
<i>Iberido linifoliae-Lavanduletum pedunculatae</i> Costa 1972 nom. incorr. (A44) [DR, TR]	16: 179
<i>Jasionion carpetanae</i> González-Albo 1941 nom. dub. (A18, A38) [DR, HT]	12: 393
<i>Junipero nanae-Cytisetum oromediterranei</i> Rivas-Martínez 1963 corr. Rivas-Martínez & al. 1987 (syntax. syn.) (A25, A40) [DR, TR]	12: 382
<i>Junipero nanae-Cytisium purgantis</i> Br.-Bl., P. Silva & Rozeira 1961 (syntax. syn.) (A25) [DR]	12: 381
<i>Junipero nanae-Ericetum aragonensis</i> Br.-Bl., P. Silva, Rozeira & Fontes 1952	12: 381
<i>Junipero nanae-Vaccinietum microphylli</i> Rivas-Martínez & Géhu ex Fernández Prieto 1983 corr. Loidi & Biurru 1996 [DR]	16: 172
<i>Junipero nanae-Vaccinietum uliginosi</i> Rivas-Martínez & Géhu ex Fernández Prieto 1983 nom. incorr. (A43) [DR]	16: 172
<i>Junipero nanae-Vaccinietum uliginosi</i>	16: 171
<i>Junipero-Cistetum maritimum</i> Rothm. 1943 nom. illeg. (A34) [DR]	15: 220
<i>Junipero-Cytisetum oromediterranei adenocarpetosum hispanici</i> Rivas-Martínez & al. 1987 (nomencl. syn.) (A26) [DR, TR]	12: 383
<i>Junipero-Cytisetum oromediterranei arctostaphyletosum crassifoliae</i> Rivas-Martínez & al. 1987 (nomencl. syn.) (A26) [DR, TR]	12: 383
<i>Junipero-Cytisetum oromediterranei cytisetosum oromediterranei</i> Rivas-Martínez & al. 1987 (syntax. syn.) (A25) [DR]	12: 382
<i>Junipero-Cytisetum oromediterranei ericetosum aragonensis</i> Rivas-Martínez & al. 1987 (nomencl. syn.) (A26) [DR, TR]	12: 383
<i>Junipero-Cytisetum oromediterranei genistetosum cinerascens</i> Rivas-Martínez & al. 1987 (nomencl. syn.) (A26) [DR, TR]	12: 383
<i>Junipero-Cytisetum oromediterranei populetosum tremulae</i> Rivas-Martínez & al. 1987 (nomencl. syn.) (A26) [DR, TR]	12: 383
<i>Junipero-Cytisetum purgantis juniperetosum nanae</i> Rivas-Martínez 1970 (nomencl. syn.) (A26) [DR, TR]	12: 383
<i>Junipero-Sarothamnetum purgantis</i> Rivas-Martínez 1963 nom. incorr. (A40, A43) [DR, TR] ..	12: 382
<i>Junipero-Sarothamnetum purgantis pinetosum sylvestris</i> Rivas-Martínez 1963 (nomencl. syn.) (A26) [DR, TR]	12: 382
<i>Junipero-Sarothamnetum purgantis typicum</i> Rivas-Martínez 1963 (syntax. syn.) (A25) [DR, TR]	12: 382
<i>Junipero-Sarothamnetum purgantis typicum var. Juniperus communis subsp. alpina</i> Rivas-Martínez 1963 nom. inval. (A3d) [DR]	12: 383
<i>Juniperus communis-Sarothamnus purgans</i> -Ass. Rivas Goday & Madueño 1946 nom. inval. (A3f) [DR]	12: 382
<i>Juniperus nana-Cytisium purgans</i> -Group. Br.-Bl., P. Silva & Rozeira 1961 nom. inval. (A3d) [DR]	12: 381
<i>Juniperus nana-Sarothamnus purgans</i> -Ass. Rivas Goday 1949 nom. inval. (A2b, A7) [DR] ...	12: 382
<i>Jurineo pinnatae-Centaureetum hyssopifoliae</i> Rivas Goday in Rivas Goday & al. 1957 (A19) [DR, TR]	17: 149
<i>Jurineo pinnatae-Centaureetum hyssopifoliae subass. typica</i> <i>Salvia lavandulifolia</i> - <i>Colutea arborescens</i> Rivas Goday in Rivas Goday & al. 1957 nom. illeg. (A13) [DR, TR]	17: 149
<i>Jurineo pinnatae-Gypsophiletum bastetanum</i> Rivas Goday & Esteve 1968 nom. illeg. (A34) [DR, TR]	17: 149

<i>Jurineo pinnatae-Gypsophiletum struthii</i> (Rivas Goday & Esteve 1968) Peinado, Alcaraz & Martínez Parras 1992 [DR, TR]	17: 149
<i>Kleinio-Euphorbion canariense</i> Rivas Goday & Esteve 1965 nom. illeg. (A34) [DR]	14: 168
<i>Kleinio-Euphorbion canariensis</i> (Rivas Goday & Esteve 1965) Santos 1976 (syntax. syn.) (A25) [DR]	14: 168
<i>Kleinio-Euphorbion canariensis</i> Oberdorfer 1965 nom. inval. (A3b) [DR]	14: 168
<i>Lauro nobilis-Quercetum ilicis pistacietosum lentisci</i> Rivas-Martínez, C. Navarro & Onaindía ex Loidi & Herrera 1994 [DR, HT]	14: 169
<i>Lauro nobilis-Quercetum ilicis pistacietosum lentisci</i> Rivas-Martínez, C. Navarro & Onaindía in Onaindía 1986 nom. inval. (A5) [DR]	14: 169
<i>Lauro-Quercetum ilicis</i> (Br.-Bl, 1967) Rivas-Martínez 1975 [DR]	13: 172
<i>Lauro-Quercetum ilicis genistetosum falcatae</i> (Bellot 1951) Rivas-Martínez 1975 (syn.) [DR, TR]	13: 174
<i>Lauro-Quercetum suberis</i> Rivas-Martínez 1975 nom. inval. (A3b) [DR]	18: 241
<i>Lavanduletalia stoechadis</i> Br.-Bl. 1940 em. Rivas-Martínez 1968	16: 172
<i>Lavandulo dentatae-Genistetum retamoidis</i> Rivas Goday & Rivas-Martínez 1969 [DR]	15: 218
<i>Lavandulo pedunculatae-Genistetum hystricis</i> Rivas-Martínez 1968 [DR, LT]	16: 178
<i>Lavandulo pedunculatae-Genistetum hystricis cytisetosum scoparii</i> F. Navarro & C.J. Valle 1983 [DR, TR]	16: 178
<i>Lavandulo pedunculatae-Genistetum hystricis echinospartetosum dorsisericeae</i> Llamas 1984 (syn.) [DR, TR]	16: 178
<i>Lavandulo pedunculatae-Genistetum hystricis ericetosum aragonensis</i> T.E. Díaz, Penas & al. 1989 [DR, TR]	16: 178
<i>Lavandulo pedunculatae-Genistetum hystricis ericetosum scopariae</i> T.E. Díaz, Penas & al. 1989 [DR, TR]	16: 178
<i>Lavandulo pedunculatae-Genistetum hystricis genistelletosum tridentatae</i> F. Navarro & C.J. Valle 1983 [DR, TR]	16: 178
<i>Lavandulo pedunculatae-Genistetum hystricis halimietosum ocymoidis</i> T.E. Díaz & al. 1989 (syn.) [DR, TR]	16: 179
<i>Lavandulo sampaioanae-Cistetum populifolii</i> T.E. Díaz, Penas & al. 1989 [DR, TR]	16: 173
<i>Lavandulo sampaioanae-Genistetum hystricis</i> Rivas-Martínez 1968 corr. T.E. Díaz, Penas & al. 1989 nom. illeg. (A40) [DR, LT]	16: 178
<i>Lavandulo stoechadis-Genistetum equisetiformis</i> Rivas Goday & Rivas-Martínez 1969 [DR]	15: 218
<i>Lepidienion subulati</i> [DR, TR]	17: 148
<i>Lepidietum subulati</i> Br.-Bl. & O. Bolòs 1958 (syntax. syn.) (A25) [DR, TR]	17: 153
<i>Lepidio subulati-Teucrietum balthazaris</i> Alcaraz, Sánchez-Gómez, De la Torre, Ríos & Álvarez-Rogel 1991 [DR, TR]	17: 150
<i>Lepidion subulati</i> Bellot & Rivas Goday in Rivas Goday & al. 1957 [DR, TR]	17: 147
<i>Lepidion subulati</i> Bellot 1952 nom. inval. (A2b, A8) [DR]	17: 147
<i>Limonio insignis-Anabastetum hispanicae</i> Rivas Goday & Esteve 1968 [DR]	15: 219
<i>Linario saxatilis-Senecionion carpetani</i> Rivas-Martínez 1963	12: 392
<i>Linario trionithophorae-Quercetum petraeae asperuletosum odoratae</i> G. Navarro 1989 [DR]	14: 170
<i>Lino differentis-Lepidietum subulati</i> Rivas Goday in Rivas Goday & al. 1957 [DR]	17: 147
<i>Lithodoro diffusae-Genistetum occidentalis dorycnietosum pentaphylli</i> Loidi, Báscones, Ursúa & Casas-Flecha 1988 (nomencl. syn.) (A26) [DR]	18: 252
<i>Lithospermo purpurocaeerulei-Ulnetum minoris</i> O. Bolòs 1956 nom. inv. propos., nom. mut. propos. (R10C, A42, A45) [DR, TR]	17: 139
<i>Lolio-Cynosuretum cristati</i> Tüxen & Preising 1951	13: 175
<i>Loto cretici-Ammophiletum arundinaceae</i> Rivas-Martínez 1964 (syntax. syn.) (A25) [DR]	12: 378
<i>Loto cretici-Ammophiletum arundinaceae sensu</i> Rivas-Martínez 1966, non Rivas-Martínez 1964 (pseudonym) (R46J)	12: 379

Izco, J. & al. Index of the Phytosociological Nomenclature section of Lazaroa

<i>Loto cretici-Ammophiletum australis</i> (Rivas Goday & Rivas-Martínez 1958) Rivas-Martínez 1964	15: 215
<i>Luzula sudetica-Pedicularis sylvatica</i> -Ass. Tüxen & Oberdorfer 1958 nom. incorr. (A40, A43) [DR, LT]	11: 178
<i>Luzulo carpetanae-Juncetum ellmanii</i> Rivas-Martínez 1963 (syntax. syn.) (A25) [DR]	11: 178
<i>Luzulo carpetanae-Juncetum squarrosi</i> Rivas-Martínez 1963 nom. mut. propos. (syntax. syn.) (A45) [DR]	11: 179
<i>Luzulo carpetanae-Pedicularietum sylvaticae</i> Tüxen & Oberdorfer 1958 corr. Izco & Ortiz 1989 [DR, LT]	11: 179
<i>Luzulo forsteri-Quercetum pyrenaicae</i>	17: 146
<i>Luzulo luteae-Loiseleurietum procumbentis</i> (Rivas-Martínez 1968) Rivas-Martínez, Báscones, T.E. Díaz, Fernández-González & Loidi 1991 [DR, LT]	15: 216
<i>Lygeetum sparti</i> Bellot 1952 nom. inval. (A2b, A7) [DR]	17: 148
<i>Medicagini marinae-Ammophiletum arundinaceae</i> Géhu, Costa, Biondi, Peris & Arnold 1984, non Br.-Bl. 1921 corr. 1933 nom. illeg. (A31) [DR]	12: 374
<i>Medicagini marinae-Ammophiletum australis</i> Br.-Bl. 1921 corr. Fernández Prieto & T.E. Díaz 1991 nom. inv. propos. (A42) [DR, LT]	12: 378
<i>Melanopyro pratensis-Quercetum pyrenaicae</i> Rivas-Martínez in Rivas-Martínez & al. 1984 ..	14: 170
<i>Melico (uniflorae)-Fagetum cantabricum</i> Rivas-Martínez 1965 nom. illeg. (A34) [DR]	13: 171
<i>Melico (uniflorae)-Fagetum cantabricum</i> Rivas-Martínez 1965 nom. illeg. (A34) [DR, TR] ..	15: 212
<i>Melico magnolii-Stipetum giganteae</i> Rivas-Martínez ex Peinado & Martínez Parras 1985 [DR]	12: 385
<i>Micromerio micranthae-Coridothymion capitati</i> Rivas Goday & Rivas-Martínez in Rivas Goday 1964 nom. inval. (A3f) [DR]	15: 219
<i>Minuartio-Festucion aragonensis</i> Rivas-Martínez 1963 corr. Rivas-Martínez, Fernández-González, Sánchez-Mata & Pizarro 1990	12: 392
<i>Molinietalia</i> W. Koch 1926	12: 370
<i>Murbeckiello boryi-Saxifragetum willkommianae</i> Fernández Prieto 1983 corr. Rivas-Martínez, T.E. Díaz, Fernández Prieto, Loidi & Penas 1984 [DR]	11: 180
<i>Murbeckiello boryi-Sperguletum pourretii</i> Fernández Prieto 1983 corr. Izco & Ortiz 1989 [DR]	11: 180
<i>Murbeckiello herminii-Saxifragetum willkommianae</i> Fernández Prieto 1983 nom. incorr. (A43)	11: 180
<i>Murbeckiello herminii-Sperguletum pourretii</i> Fernández Prieto 1983 nom. incorr. (A43) [DR] ..	11: 180
<i>Myrrhido (odoratae)-Valerianetum pyrenaicae</i> (Rivas-Martínez & al. 1984) Carriño & Ninot 1992 (nomencl. syn.) (A40) [DR]	14: 171
<i>Odontio purpurei-Thymetum baeticum</i> López Guadalupe & Esteve 1978 (R10D) [DR, TR]	15: 222
<i>Ononidetum tridentatae</i> Br.-Bl. & O. Bolòs 1958 (syntax. syn.) (A25) [DR, TR]	17: 153
<i>Ononidetum tridentatae sideritidetosum cavanillesii</i> Br.-Bl. & O. Bolòs 1958 (syn.) [DR, TR]	17: 153
<i>Ononidion angustissimae</i> Br.-Bl. 1933 nom. inval. (A3b) [DR]	12: 371
<i>Ononido-Rosmarinetea</i> Br.-Bl. 1947	11: 181
<i>Onopordenea</i>	18: 248
<i>Onopordetum arabici</i> Br.-Bl. & O. Bolòs 1958 nom. incorr. (A43) [DR, LT]	16: 170
<i>Onopordetum nervosi</i> Br.-Bl. & O. Bolòs 1958 corr. Rivas-Martínez 1975 [LT]	16: 170
<i>Otantho maritimi-Ammophiletum arenariae</i> Géhu 1975 nom. incorr. (A7, A19, A43) [DR, LT]	12: 375
<i>Otantho maritimi-Ammophiletum arenariae typicum</i> Géhu 1975 [DR, LT]	12: 375
<i>Otantho maritimi-Ammophiletum australis</i> Géhu & Tüxen 1975 corr. Fernández-Prieto & T.E. Díaz 1991 (A19, A21) [DR, NT]	15: 214
<i>Otantho maritimi-Ammophiletum australis</i> Géhu 1975 corr. Fernández-Prieto & T.E. Díaz 1991 [DR, LT]	12: 378

<i>Otantho maritimi</i> - <i>Ammophiletum australis</i> Géhu 1975 corr. Fernández-Prieto & T.E. Díaz 1991 nom. illeg. (A19, A31) [DR]	15: 213
<i>Otantho maritimi</i> - <i>Ammophiletum australis agropyretosum junceiformis</i> Géhu & Tüxen 1975 [DR, NT]	15: 215
<i>Otantho maritimi</i> - <i>Ammophiletum australis crucianelletesum maritimae</i> Géhu & Tüxen 1975 [DR, NT]	15: 215
<i>Oxalido latifoliae</i> - <i>Veronicetum persicae</i> Br.-Bl. 1967 corr. Loidi 1983 nom. illeg. (A40, A43, A48) [DR, LT]	11: 178
<i>Parapholido</i> - <i>Frankenietum pulverulentae</i> Rivas-Martínez ex Castroviejo & Porta 1976 [DR, LT]	17: 140
<i>Paronychio</i> - <i>Artemisietum lanatae</i> Rivas Goday & Borja 1961 [DR, LT]	18: 236
<i>Pegano</i> - <i>Salsoletea</i>	18: 248
<i>Peucedano lancifolii</i> - <i>Juncetum acutiflori</i> Teles 1970 [DR]	12: 370
<i>Phagnalo</i> - <i>Rumicetalia indurati</i> Rivas Goday & Esteve 1972	12: 390
<i>Physospermo cornubiensis</i> - <i>Quercetum suberis</i> Rivas-Martínez 1987 [DR]	18: 241
<i>Pino</i> - <i>Cytision oromediterranei</i> (syntax. syn.) (A25) [DR]	12: 381
<i>Pino</i> - <i>Cytision oromediterranei</i> Rivas-Martínez 1964 corr. Rivas-Martínez & al. 1987 (syntax. syn.) (A25) [DR, TR]	12: 380
<i>Pino</i> - <i>Cytision purgantis</i> Rivas-Martínez 1964 nom. incorr. (A43) [DR, TR]	12: 380
<i>Pino</i> - <i>Juniperetea</i>	16: 171
<i>Plantagini discoloris</i> - <i>Thymetum mastigophori</i> (Izco, Molina & Fernández-González 1983) Molina & Izco 1989 [DR, HT]	11: 181
<i>Plantagini discoloris</i> - <i>Thymetum mastigophori arenarietosum incrassatae</i> (Izco, Molina & Fernández-González 1983) Molina & Izco 1989 (comb. nov.) [DR, TR]	11: 181
<i>Plantagini discoloris</i> - <i>Thymetum mastigophori plantaginetosum discoloris</i> (Izco, Molina & Fernández-González 1983) Molina & Izco 1989 (comb. nov.) [DR, TR]	11: 181
<i>Plantagini discoloris</i> - <i>Thymion mastigophori</i> Molina & Izco 1989 [DR, HT]	11: 181
<i>Poo bulbosae</i> - <i>Trifolietum subterranei</i> Rivas Goday 1964 [DR]	14: 171
<i>Poo bulbosae</i> - <i>Trifolietum subterranei bullato-gynandriridetosum</i> Rivas Goday & Ladero 1970 nom. illeg. (A13) [DR, LT]	14: 171
<i>Poo bulbosae</i> - <i>Trifolietum subterranei gynandriridetosum sisyrinchii</i> (Rivas Goday 1964) Ladero, Amigo & Romero 1994 nom. nov. [DR, LT]	14: 172
<i>Poo bulbosae</i> - <i>Trifolietum subterranei subas. Paronychia argentea</i> - <i>Gynandriris</i> Rivas Goday 1964 nom. illeg. (A13) [DR, LT]	14: 172
<i>Poo bulbosae</i> - <i>Trifolietum subterranei trifolietosum burdonis</i> Rivas Goday & Ladero 1970 nom. illeg. (A34) [DR, NT]	14: 172
<i>Poo bulbosae</i> - <i>Trifolietum subterranei trifolietosum campestris</i> (Rivas Goday & Ladero 1970) Ladero, Amigo & Romero 1994 nom. nov. [DR, NT]	14: 172
<i>Poo ligulatae</i> - <i>Festucetum hystericis</i> (Font Quer 1954) Rivas Goday & Borja 1961 nom. illeg. (A29) [DR, LT]	18: 236
<i>Poo</i> - <i>Festucetum burgalense</i> Rivas Goday, Borja & Izco 1970 nom. inval. (A3b) [DR]	11: 180
<i>Primulo farinosae</i> - <i>Caricetum lepidocarpae bartisetosum alpinae</i> Loidi, Fernández Prieto, Bueno & M. Herrera 1997 [DR, HT]	18: 252
<i>Primulo farinosae</i> - <i>Caricetum lepidocarpae bartisetosum alpinae</i> Loidi, Fernández Prieto, Bueno & M. Herrera in M. Herrera 1995 nom. inval. (A3f) [DR]	18: 252
<i>Primulo farinosae</i> - <i>Caricetum lepidocarpae schoenetosum nigricantis</i> Loidi, Fernández Prieto, Bueno & M. Herrera 1997 [DR, HT]	18: 252
<i>Primulo farinosae</i> - <i>Caricetum lepidocarpae schoenetosum nigricantis</i> Loidi, Fernández Prieto, Bueno & M. Herrera in M. Herrera 1995 nom. inval. (A3f) [DR]	18: 252
<i>Pteridio aquilini</i> - <i>Ericetum arborea</i> C. Navarro & Onaindia in Loidi & Herrera 1995 [DR, HT]	15: 217
<i>Pteridio aquilini</i> - <i>Ericetum arborea</i> C. Navarro & Onaindia in Onaindia 1986 nom. inval. (A5) [DR]	15: 217

Izco, J. & al. Index of the Phytosociological Nomenclature section of Lazaroa

<i>Pteridio aquilini-Lavanduletum pedunculatae</i> O. Bolòs 1967 [DR, TR]	16: 176
<i>Pteridio aquilini-Lavanduletum pedunculatae cistetosum laurifolii</i> O. Bolòs 1967 [DR, TR].	16: 176
<i>Pteridio aquilini-Lavanduletum pedunculatae lavanduletosum pedunculatae</i> O. Bolòs 1967 [DR, TR]	16: 176
<i>Pulmonario longifoliae-Quercetum petraeae</i> (Rivas-Martínez, Bascos, T.E. Díaz, Fernández-González & Loidi 1991) Loidi, Biurrun & Berastegui 1996 [DR, TR]	17: 138
<i>Quercetalia roboris</i>	17: 138
<i>Quercetum ilicis mediterraneo montanum subus. Genista falcata-Anthyllis vulneraria var. flaviflora</i> Bellot 1951 nom. illeg. (A13, A14) [DR].....	13: 173
<i>Quercetum ilicis suberetosum</i> Bellot 1945 nom. inval. (A3c) [DR]	18: 240
<i>Quercetum suberis</i> Bellot & Casaseca 1953 nom. inval. (A2b, A7) [DR].....	18: 241
<i>Quercetum suberis</i> Bellot 1945 nom. inval. (A3c) [DR].....	18: 240
<i>Quercetum suberis</i> Bellot 1968 nom. inval. (A2b, A7) [DR].....	18: 241
<i>Quercetum suberis</i> Rivas Goday & Bellot 1945 nom. inval. (A2b, A7) [DR].....	18: 241
<i>Quercetum suberis ulicetosum</i> Bellot & Casaseca 1953 nom. inval. (A4a) [DR].....	18: 241
<i>Quercetum suberis ulicetosum</i> Bellot 1968 nom. inval. (A4a) [DR]	18: 241
<i>Quercion brotero-suberis</i>	18: 241
<i>Quercion robori-pyrenaeicae</i>	17: 139
<i>Quercion roboris</i>	18: 241
<i>Quercus cocciferae-Lentiscetum</i> Br.-Bl. & al. 1935 (A14, A47) [DR, HT]	17: 140
<i>Quercus cocciferae-Lentiscetum asparagetosum stipularis</i> O. Bolòs 1967 [DR, LT].....	17: 141
<i>Quercus cocciferae-Lentiscetum conopodietosum ramosi</i> A. & O. Bolòs 1950 [DR, HT].....	17: 141
<i>Quercus cocciferae-Lentiscetum pistacietosum lentisci</i> O. Bolòs 1962 (syntax. syn.) (A25) [DR].....	17: 141
<i>Quercus cocciferae-Lentiscetum rhamnetosum angustifoliae</i> Cantó, Laorga & Belmonte 1986 [DR]	17: 141
<i>Quercus cocciferae-Pistacietum lentisci</i> Br.-Bl. & al. 1935 nom. incorr. (A14)	17: 140
<i>Quercus rotundifoliae-Oleion sylvestris</i>	18: 241
<i>Quercus-Cistetum laurifolii</i> P. Silva 1970 (syntax. syn.) (A25) [DR, LT].....	16: 178
<i>Quercus pubescens-Buxus sempervirens</i> -Ass. Br.-Bl. 1932 nom. inval. (A2b, A7) [DR].....	18: 237
<i>Quercus toza-Genista hispanica</i> -Ass.- <i>Quercetum tozae genistosum hispanicae</i> Rivas Goday & Madueño 1946 nom. inval. (A3e) [DR]	16: 173
<i>Rhamno lycioidis-Quercetum cocciferae pistacietosum lentisci</i> Br.-Bl. & O. Bolòs 1958 [DR, TR].....	14: 169
<i>Rhamno lycioidis-Quercetum cocciferae quercetosum cocciferae</i> Br.-Bl. & O. Bolòs 1958 [DR, LT]	14: 169
<i>Rhamno-Quercion cocciferae</i> Rivas Goday ex Rivas Mart. 1975	18: 244
<i>Rosmarinetalia</i> Br.-Bl. ex Molinier 1934	17: 147
<i>Rosmarinetalia officinalis</i>	15: 218
<i>Rosmarinetea officinalis</i>	15: 218
<i>Rosmarino officinalis-Cistetum ladaniferi</i> Rivas-Martínez 1968 (A19) [DR, TR].....	16: 176
<i>Rosmarino officinalis-Cistetum ladaniferi cistetosum cyprii</i> J.M. Moreno 1984 [DR, TR].....	16: 176
<i>Rosmarino officinalis-Cistetum ladaniferi cytisetosum multiflori</i> Sánchez-Mata 1989 [DR, TR].....	16: 176
<i>Rosmarino officinalis-Cistetum ladaniferi cytisetosum scoparii</i> Rivas-Martínez 1968 (syntax. syn.) (A25) [DR, LT]	16: 176
<i>Rosmarino officinalis-Cistetum ladaniferi ericetosum umbellatae</i> F. Navarro & C.J. Valle 1983 (syn.) [DR, TR].....	16: 179
<i>Rosmarino officinalis-Cistetum ladaniferi genistetosum hirsutae</i> Rivas-Martínez 1968 [DR, TR].....	16: 176
<i>Rosmarino officinalis-Cistetum ladaniferi retametosum sphaerocarphae</i> Rivas-Martínez & Cantó 1987 (syntax. syn.) (A25) [DR, TR].....	16: 176

<i>Rosmarino officinalis-Cistetum ladaniferi typicum</i> Rivas-Martínez 1968 [DR, TR].....	16: 176
<i>Rubio tinctorum-Populetum albae</i> Br.-Bl. & O. Bolòs 1958 [DR, LT].....	15: 216
<i>Rumicetum alpini</i> Beger 1922 nom. incorr. (A43) [DR, LT].....	16: 171
<i>Rumicetum pseudalpini</i> Beger 1922 corr. Loidi & Biurrun 1966 [DR, LT].....	16: 171
<i>Rumicetum suffruticosi</i> Rivas-Martínez 1963 [DR].....	12: 393
<i>Rumicion alpini</i> Klika in Klika & Hadac 1944 nom. incorr. (A43) [DR].....	16: 171
<i>Rumicion pseudalpini</i> Klika in Klika & Hadac 1944 corr. Loidi & Biurrun 1996 [DR].....	16: 171
<i>Rusco aculeati-Quercetum roboris</i> Br.-Bl. & al. 1956 [DR].....	18: 239
<i>Rusco aculeati-Quercetum roboris quercetosum suberis</i> Amigo, Izco, Guitián & Romero 1998 [DR].....	18: 241
<i>Salicetum neotrichae</i> Br.-Bl. & O. Bolòs 1958 [DR, LT].....	15: 217
<i>Salsolo oppositifoliae-Atriplicetum halimi</i> Costa & al. ex Cantó, Laorga & Belmonte 1986 corr. Pérez Badia 1997 [DR].....	18: 249
<i>Salsolo verticillatae-Atriplicetum halimi</i> Costa & al. ex Cantó, Laorga & Belmonte 1986 nom. incorr. (A43) [DR].....	18: 249
<i>Salvio lavandulifoliae-Gypsophiletum hispanicae</i> Rivas Goday in Rivas Goday & al. 1957 [DR, TR].....	17: 153
<i>Salvio sclareoidis-Ulicetum densi</i> Rivas-Martínez, Lousa, T.E. Díaz, Fernández-González & J.C. Costa in Capelo & al. 1992 [DR, TR].....	15: 224
<i>Sanguisorbo agrimonoidis-Quercetum suberis</i>	18: 241
<i>Santolinenion viscosae</i> (Rivas Goday & Esteve 1968) Alcaraz, Sánchez-Gómez, De la Torre, Ríos & Álvarez-Rogel 1991 nom. illeg. (A27) [DR, TR].....	17: 150
<i>Santolino rosmarinifoliae-Cistetum laurifolii</i> Rivas Goday in Rivas Goday & al. 1956 [DR, TR].....	16: 174
<i>Santolino rosmarinifoliae-Cistetum laurifolii cytisetosum multiflori</i> Sánchez-Mata 1989 [DR, TR].....	16: 174
<i>Santolino rosmarinifoliae-Cistetum laurifolii cytisetosum oromediterranei</i> (Costa 1974) Rivas- Martínez & Cantó 1987 [DR, TR].....	16: 174
<i>Santolino rosmarinifoliae-Cistetum laurifolii dorycnietosum pentaphylli</i> Tarazona 1984 nom. inval. (A5) [DR].....	16: 175
<i>Santolino rosmarinifoliae-Cistetum laurifolii dorycnietosum pentaphylli</i> Tarazona 1984 nom. inval. (A5) [DR].....	18: 236
<i>Santolino rosmarinifoliae-Cistetum laurifolii dorycnietosum pentaphylli</i> Tarazona ex Loidi, Berastegui & García-Mijangos 1997 [DR, HT].....	18: 236
<i>Santolino rosmarinifoliae-Cistetum laurifolii ericetosum arboreae</i> (Rivas-Martínez 1968) Rivas-Martínez & Cantó 1987 [DR, LT].....	16: 174
<i>Santolino rosmarinifoliae-Cistetum laurifolii ericetosum cinereae</i> Tarazona 1984 nom. inval. (A5) [DR].....	16: 175
<i>Santolino rosmarinifoliae-Cistetum laurifolii ericetosum cinereae</i> Tarazona 1984 nom. inval. (A5) [DR].....	18: 237
<i>Santolino rosmarinifoliae-Cistetum laurifolii ericetosum cinereae</i> Tarazona ex Loidi, Beras- tegui & García-Mijangos 1997 [DR, HT].....	18: 237
<i>Santolino rosmarinifoliae-Cistetum laurifolii ericetosum scopariae</i> V. Fuente 1986 [DR, TR].....	16: 174
<i>Santolino rosmarinifoliae-Cistetum laurifolii halimietosum ocymoidis</i> (Rivas-Martínez 1968) Rivas-Martínez & Cantó 1987 (syn.) [DR, TR].....	16: 177
<i>Santolino rosmarinifoliae-Cistetum laurifolii subass. Genista florida-Adenocarpus hispanicus</i> Rivas Goday 1956 nom. illeg. (A13) [DR].....	16: 175
<i>Santolino rosmarinifoliae-Cistetum laurifolii typicum</i> (Rivas-Martínez 1968) Escudero, Fern- nández-González, Gavilán & Rubio 1996 (comb. nov.) (A19, A25, A26, A28) [DR, LT]..	16: 174
<i>Santolino viscosae-Gypsophiletum struthii</i> Rivas Goday & Esteve 1968 [DR, TR].....	17: 150
<i>Santolino viscosae-Gypsophiletum struthii lepidietosum subulati</i> Rivas Goday & Esteve 1968 (syn.) [DR].....	17: 150

Lazo, J. & al. Index of the Phytosociological Nomenclature section of Lazaroa

<i>Santolino viscosae-Gypsophiletum struthii tenricetosum turrenani</i> Rivas Goday & Esteve 1968 (syn.) [DR, TR].....	17: 150
<i>Saturejo-Coridothymion capitati</i> Rivas Goday & Rivas-Martínez 1969 (syntax. syn.) (A25) [DR, LT]	15: 219
<i>Saxifraga willkommiana-Alchemilla saxatilis</i> -Ass. Rivas Goday 1956 nom. inval. (A2b, A8) [DR].....	12: 390
<i>Saxifragetum caballeroi</i> Rivas-Martínez 1963 corr. Rivas-Martínez & C. Sáenz 1986 (nomencl. syn.) (A40) [DR, LT].....	12: 390
<i>Saxifragetum willkommiana</i> Rivas-Martínez 1963 [DR, LT].....	12: 390
<i>Saxifragion caballeroi</i> Rivas-Martínez 1963 corr. Rivas-Martínez & C. Sáenz 1986 (nomencl. syn.) (A40) [DR, LT].....	12: 391
<i>Saxifragion continentalis</i> Rivas-Martínez 1963	12: 390
<i>Saxifragion willkommiana</i> Rivas-Martínez 1960 nom. inval. (A2b, A8) [DR].....	12: 391
<i>Saxifragion willkommiana</i> Rivas-Martínez 1963 (A20) [DR, LT].....	12: 391
<i>Scheuchzerio-Caricetea</i> (Nordhagen) Tüxen 1937	13: 175
<i>Scrophularia-Artisarum clusii</i> -Ass. <i>scrophularietosum schousboei</i> Rivas Goday 1964 [DR]....	12: 384
<i>Sedetum micrantha-sediformis sedetosum dianii</i> O. Bolós 1981 (syn.) [DR].....	18: 247
<i>Sedo-Saxifragetum continentalis</i> Rivas-Martínez 1963 [DR].....	12: 391
<i>Senecio tournefortii-Genista purgans</i> -Ass. Tüxen & Oberdorfer 1958 nom. incorr. (A43, A46) [DR, TR]	12: 382
<i>Senecioni carpetani-Cytisetum oromediterranei</i> Tüxen & Oberdorfer 1958 corr. Rivas-Martínez 1987 [DR, TR].....	12: 381
<i>Senecioni carpetani-Cytisetum oromediterranei</i> Tüxen & Oberdorfer 1958 corr. Rivas-Martínez 1987	12: 388
<i>Senecioni-Cytisetum oromediterranei adenocarpetosum hispanici</i> (Rivas-Martínez & al. 1987) Rivas-Martínez & Fernández-González 1991 (comb. nov.) [DR, TR].....	12: 383
<i>Senecioni-Cytisetum oromediterranei arctostaphyletosum crassifoliae</i> (Rivas-Martínez & al. 1987) Rivas-Martínez & Fernández-González 1991 (comb. nov.) [DR, TR].....	12: 383
<i>Senecioni-Cytisetum oromediterranei cytisetosum oromediterranei</i> Rivas-Martínez & Fernández-González 1991 [DR, TR].....	12: 382
<i>Senecioni-Cytisetum oromediterranei ericetosum aragonensis</i> (Rivas-Martínez & al. 1987) Rivas-Martínez & Fernández-González 1991 (comb. nov.) [DR, TR].....	12: 383
<i>Senecioni-Cytisetum oromediterranei genistetosum cinerascens</i> (Rivas-Martínez & al. 1987) Rivas-Martínez & Fernández-González 1991 (comb. nov.) [DR, TR].....	12: 383
<i>Senecioni-Cytisetum oromediterranei juniperetosum nanuae</i> (Rivas-Martínez 1970) Rivas-Martínez & Fernández-González 1991 (comb. nov.) [DR, TR].....	12: 382
<i>Senecioni-Cytisetum oromediterranei pinetosum sylvestris</i> (Rivas-Martínez 1963) Rivas-Martínez & Fernández-González 1991 (comb. nov.) [DR, TR].....	12: 382
<i>Senecioni-Cytisetum oromediterranei papuletosum tremulae</i> (Rivas-Martínez & al. 1987) Rivas-Martínez & Fernández-González 1991 (comb. nov.) [DR, TR].....	12: 383
<i>Serratulo estremadurensis-Thymion sylvestris</i> Capelo, J.C. Costa, Espírito-Santo & Lousa 1993 [DR, TR].....	15: 224
<i>Sideritida linearifoliae-Gypsophiletum hispanicae</i> Molina, Loidi & Fernández-González 1993 [DR]	17: 147
<i>Sideritis spinosa-Gypsophila struthium</i> -Ass. Rivas Goday 1957 (syntax. syn.) (A25) [DR].....	17: 153
<i>Sileno (ciliatae)-Jasionetum centralis</i> Aceño & Vargas 1986 (syntax. syn.) (P3, P4, A1, A6, A25) [DR]	12: 393
<i>Sileno glaucae-Tunicetum saxifragae</i> O. Bolós 1957 nom. incorr. (A44) [DR].....	18: 247
<i>Sileno secundiflorae-Tunicetum saxifragae</i> O. Bolós 1957 corr. Pérez Badia 1997 [DR].....	18: 247
<i>Sileno succulentae-Anmophiletum arundinaceae</i> (Burolet 1927) Géhu & Géhu-Franck 1986 (syn.) (A22)	12: 378
<i>Sileno succulentae-Elymetum farcti</i> (Burolet 1927) Géhu & Géhu-Franck 1986 [DR, TR]....	12: 374

<i>Soncho-Juncetum maritimi</i> Br.-Bl. & O. Bolòs 1958 [DR, LT]	17: 139
<i>Sporobolium</i> Arenes 1924 nom. inval. (A2b)	12: 377
<i>Sporobolium arenarii-Agroropyretum farcti</i> (Br.-Bl. 1933) Rivas-Martínez, Costa, Castrovicjo & Valdés-Bermejo 1980 nom. illeg. (A29) [DR]	12: 377
<i>Sporobolium arenarii-Agroropyretum juncei</i> (Br.-Bl. 1933) Géhu, Rivas-Martínez & Tüxen in Géhu & al. 1984 (nomencl. syn.) (A29) [DR]	12: 373
<i>Sporobolium-Elymetum farcti</i> Géhu 1988 (syn.) (A22) [DR]	12: 377
<i>Stactetum caespitosae</i> González-Albo 1941 nom. dub. (A37) [DR]	12: 392
<i>Stipa lagascae-Stipa gigantea-Comm.</i> Rivas Goday 1958 nom. inval. (A3d) [DR]	12: 384
<i>Tamo communis-Olectum sylvestris</i>	15: 224
<i>Tetralico-Narthecietum</i> Br.-Bl. 1967 [DR]	12: 370
<i>Teucrio balthazaris-Santolinetum viscosae</i> Peinado, Alcaraz & Martínez-Parras 1992 [DR, TR]	17: 150
<i>Teucrio capitati-Thymetum sylvestris</i> Espírito-Santo & Capelo in Capelo & al. 1993 [DR, TR]	15: <u>225</u>
<i>Teucrio expansi-Gypsophiletum hispanicae-Comm.</i> Rivas Goday & Borja 1961 nom. inval. (A3e) [DR]	17: 153
<i>Teucrio expansi-Thymetum mastigophori</i> Rivas Goday, Borja & Izco 1970 nom. dub. (A37) [DR]	11: 180
<i>Teucrio libanitidis-Thymetum membranacei</i> Bellot, Esteve & Rivas Goday in Rivas Goday & Esteve 1968 nom. mut. propos. (A45) [DR, TR]	17: 151
<i>Teucrio lusitanici-Coridothymetum baeticum</i> Rivas Goday & Rivas-Martínez 1969 nom. illeg. (A34) [DR, LT]	15: 222
<i>Teucrio lusitanici-Coridothymetum capitati</i> (Rivas Goday & Rivas-Martínez 1969) Ascensi & Díez Garretas 1989 [DR, LT]	15: <u>222</u>
<i>Teucrio pyrenaei-Genistetum occidentalis</i> Vanden Berghen 1969 (A21, R21A) [DR, NT]	18: <u>236</u>
<i>Teucrio verticillati-Thymetum funkii</i> Rivas Goday, Esteve & Rigual in Rivas Goday & Esteve 1968 (syntax. syn.) (A25) [DR]	17: 152
<i>Teucrio verticillati-Thymetum pallentis</i> Bellot, Esteve & Rivas Goday in Rivas Goday & Esteve 1968 [DR, TR]	17: 151
<i>Thymo gadorensis-Cistetum laurifolii</i> Martínez Parras, Peinado & Alcaraz 1987 [DR, TR]	16: 180
<i>Thymo gracilis-Lavanduletum lanatae</i> Pérez Raya & Molero Mesa 1988 [DR, TR]	15: 223
<i>Thymo gracilis-Lavanduletum lanatae</i> Pérez Raya 1987 nom. ined. (A1) [DR]	15: <u>223</u>
<i>Thymo gypsicolae-Ononidetum tridentatae</i> Rivas-Martínez & G. López in G. López 1976 [DR, TR]	17: 149
<i>Thymo lacinae-Ononidetum tridentatae</i> Rivas-Martínez & G. López in G. López 1976 nom. mut. propos. (A45) [DR, TR]	17: 149
<i>Thymo leptophylli-Cistetum ladaniferi</i> Mateo & Mansanet 1983 [DR, TR]	16: 179
<i>Thymo leptophylli-Cistetum ladaniferi brachypodietosum retusi</i> Mateo & Mansanet 1983 nom. inval. (A5) [DR]	16: 180
<i>Thymo leptophylli-Cistetum ladaniferi cistetosum ladaniferi</i> Mateo & Mansanet 1983 nom. inval. (A5) [DR]	16: 180
<i>Thymo leptophylli-Cistetum ladaniferi ericetosum cinerea</i> Mateo & Mansanet 1983 nom. inval. (A5) [DR]	16: 180
<i>Thymo leptophylli-Cistetum ladaniferi erinacetosum anthyllidis</i> Mateo & Mansanet 1983 nom. inval. (A5) [DR]	16: 180
<i>Thymo longiflori-ciliati-Teucrietum verticillati</i> Rivas Goday & Rigual in Rivas Goday & al. 1957 nom. incorr. (A43) [DR, TR]	17: 151
<i>Thymo longiflori-Ericetum multiflorae</i> Martínez Parras & Esteve 1980 nom. inv. propos. (A42, R10C) [DR, TR]	15: 222
<i>Thymo lotocephali-Coridothymetum capitati</i> Rivas-Martínez, Lousa, T.I. Díaz, Fernández-González & J.C. Costa 1990 [DR, TR]	15: 223

Izco, J. & al. Index of the Phytosociological Nomenclature section of Lazaroa

<i>Thymo moroderi-Teucrietum libanitidis</i> Rivas Goday & Rigual in Rivas Goday & al. 1957 corr. Alcaraz, Sánchez-Gómez, De la Torre, Ríos & Álvarez-Rogel 1991 nom. mut. propos. (A45) [DR, TR]	17: 151
<i>Thymo moroderi-Teucrietum verticillati</i> Rivas Goday & Rigual in Rivas Goday & al. 1957 corr. Alcaraz, Sánchez-Gómez, De la Torre, Ríos & Álvarez-Rogel 1991 [DR, TR]	17: 151
<i>Thymo sylvestris-Ulicetum densi</i> Rivas-Martínez, Lousa, T.E. Díaz, Fernández-González & J.C. Costa 1990 nom. inval. (A3b) [DR]	15: 224
<i>Thymo-Teucrienion libanitidis</i> (Rivas Goday in Rivas Goday & al. 1957) Alcaraz, Sánchez-Gómez, De la Torre, Ríos & Álvarez-Rogel 1991 nom. mut. propos. (A45) [DR, TR]	17: 151
<i>Thymo-Teucrienion verticillati</i> (Rivas Goday in Rivas Goday & al. 1957) Alcaraz, Sánchez-Gómez, De la Torre, Ríos & Álvarez-Rogel 1991 [DR, TR]	17: 151
<i>Thymo-Teucrienion verticillati</i> Rivas Goday in Rivas Goday & al. 1957 (syntax. syn.) (A20, A25) [DR, TR]	17: 151
<i>Trachynietalia distachyae</i>	18: 248
<i>Trifolio arvensis-Cistetum laurifolii</i> O. Bolòs 1983 [DR, TR]	16: 173
<i>Trifolio arvensis-Cistetum laurifolii quercetosum rotundifoliae</i> O. Bolòs 1983 [DR, TR]	16: 173
<i>Trifolio-Brometum</i> Rivas Goday, Borja & Izco 1970 nom. inval. (A3b) [DR]	11: 180
<i>Trifolio-Cistetum laurifolii daphnetosum gnidii</i> O. Bolòs 1983 [DR, TR]	16: 173
<i>Trifolio-Cistetum laurifolii halimietosum umbellati</i> O. Bolòs 1983 [DR, TR]	16: 173
<i>Ulicetum erinacei</i> Rivas-Martínez, Lousa, T.E. Díaz, Fernández-González & J.C. Costa 1990 nom. illeg. (A31) [DR, TR]	15: 220
<i>Ulicetum erinacei</i> Rothm. 1943 [DR, LT]	15: 220
<i>Ulici argentei-Cistion ladaniferi</i> Br.-Bl., P. Silva & Rozeira 1964	16: 173
<i>Ulici baetici-Cistetum clusii</i> Rivas Goday & Rivas-Martínez 1969 corr. Díez Garretas, Asensi & Fernández-González 1995 [DR, LT]	15: 221
<i>Ulici baetici-Halimietum viscosi</i> Rivas Goday & Rivas-Martínez 1969 nom. incorr. (A43) [DR, LT]	15: 221
<i>Ulici parviflori-Cistetum laurifolii</i> R. Roselló 1994 [DR, TR]	16: 181
<i>Ulici-Ericetum ciliaris</i> Br.-Bl. 1967 (R10D) [DR, LT]	17: 141
<i>Ulici-Ericetum ciliaris ericetosum tetralicis</i> Loidi, Berastegui & García-Mijangos 1996 [DR, HT]	17: 141
<i>Ulici-Ericetum ciliaris ericetosum vagantis</i> (Rivas-Martínez 1979) Loidi, Berastegui & García-Mijangos 1996 (comb. nov.) [DR, LT]	17: 141
<i>Ulici-Genistetum speciosae</i> Rivas Goday & Rivas-Martínez 1969 [DR]	15: 218
<i>Ulm</i> (<i>carpinifoliae</i>)- <i>Lithospermetum purpureocaerulei</i> O. Bolòs 1956 [DR, TR]	17: 139
<i>Vaccinio myrtilli-Juniperetum nanae</i> Rivas-Martínez 1964 (A21, R21A) [DR, NT]	16: 171
<i>Vaccinio myrtilli-Juniperetum nanae ericetosum tetralicis</i> Rivas-Martínez 1964 [DR]	16: 171
<i>Vaccinio myrtilli-Juniperetum nanae pinetosum sylvestris</i> Rivas-Martínez 1964 (A21) [DR, NT]	16: 171
<i>Vaccinio myrtilli-Juniperetum nanae typicum</i> Rivas-Martínez 1964 (A21, R21A) [DR, NT]	16: 171
<i>Vello pseudocytisi-Centaureetum hyssopifoliae</i> Rivas Goday in Rivas Goday & al. 1957 nom. inval. (A3b) [DR]	17: 148
<i>Veronico javalambrensis-Thymetum mastigophori</i> Izco, Molina & Fernández-González 1983 [DR, TR]	11: 181
<i>Veronico javalambrensis-Thymetum mastigophori</i> Izco, Molina & Fernández-González 1983 em. Molina & Izco 1989 (R47A) [DR, TR]	11: 182
<i>Veronico javalambrensis-Thymetum mastigophori arenarietosum incrassatae</i> Izco, Molina & Fernández-González 1983 (syntax. syn.) (A26) [DR, TR]	11: 182
<i>Veronico javalambrensis-Thymetum mastigophori halimietosum viscosi</i> Izco, Molina & Fernández-González 1983 [DR, TR]	11: 182
<i>Veronico javalambrensis-Thymetum mastigophori plantaginetosum monospermae</i> Izco, Molina & Fernández-González 1983 (syntax. syn.) (A26) [DR]	11: 182

Izco, J. & al. Index of the Phytosociological Nomenclature section of Lazaroa

<i>Veronico javalambrensis-Thymetum mastigophori veronicetosum javalambrensis</i> Izco, Molina & Fernández-González 1983 [DR, TR].....	11: 182
<i>Veronico officinalis-Pinetum sylvestris</i> Rivas-Martínez 1968 [DR, LT]	15: 216
<i>Veronico officinalis-Pinetum sylvestris galietosum rotundifolii</i> Rivas-Martínez & al. 1991 [DR].....	15: 216
<i>Veronico officinalis-Pinetum sylvestris pinetosum uncinatae</i> Rivas-Martínez 1968 [DR, LT]..	15: 216
<i>Veronico officinalis-Pinetum sylvestris typicum</i> Rivas-Martínez 1968 [DR, LT].....	15: 216
<i>Xeroqueretum cantabricum</i> Br.-Bl. 1967 nom. illeg. (A34) [DR].....	13: 172

APPENDIX 4

CPN Articles, Definitions, Principles or Recommendations (preceded with A, D, P or R, respectively) cited in the PNS, amount of names (No.) to which they have been applied or under which they have been commented, and issue numbers in which they are cited or commented

Art.	No.	PNS issue number	Art.	No.	PNS issue number
A1	7	4,10,19,21,26,30	A29	14	6,7,9,23,28
A2b	27	6-10,12-14,16,18,21,23,27-29	A30	1	9
A2c	1	21	A31	13	6,11,16,19-21
A3a	1	6	A34	13	6,11,12,14,17,18,20,21,27
A3b	17	4-6,8,10,14,21,23,27,29	A36	2	6, 7
A3c	6	26,27,29	A37	3	4,9,10
A3d	5	6-8	A38	4	4,7,9,10
A3e	3	6, 23	A39	5	6,9,11,18
A3f	5	7,12,21,32	A40	13	1,2,5,7,9,16,21,23
A4a	2	29	A41b	2	6
A5	36	8,11,15,18,20,23,26,28,32	A42	4	6,21,24
A6	3	8,10,11	A43	32	1-3,6,7,12,16,21,22,24,26,27,30,31
A7	16	6-8,10,13,18,27-29	A44	2	23, 31
A8	6	8,9,27	A45	12	2,6,21,24,26,27,30
A9	1	4	A46	1	7
A10	2	20, 21	A47	1	25
A13	5	12,17,23,27	A48	1	1
A14	5	6,12,25	D7	1	18
A16	1	24	D10	1	6
A18	4	5,6,10	P3	1	10
A19	15	1,5,6,9,19,23,27	P4	1	10
A20	3	9,14,27	R10C	3	21,24,26
A21	6	19,22,28	R10D	5	1,5,21,26
A22	7	6	R21A	4	22, 28
A24	1	6	R46C	1	13
A25	44	2,6,7,10,12,14,15,21,23,25-27	R46D	1	13
A26	17	4,7,18,23,25-27	R46J	6	6, 20
A27	3	18,24,27	R47A	1	4
A28	2	18, 23			