



sommerfeltia

6

L. N. Derrick, A. C. Jermy & A. M. Paul

Checklist of European Pteridophytes.

1987



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Checklist of European Pteridophytes.

1987

This Checklist
is dedicated to
Professor Dr Tadeus Reichstein
in his ninetieth year
for his contribution to
European pteridology
during the last 25 years

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This is the first comprehensive checklist of European pteridophytes produced from the computerised relational database originally set up by the European Taxonomic, Floristic and Biosystematic Documentation System. The place of publication, full synonymy and distribution of 329 accepted taxa are given. Hybrids are included with annotations on putative parentage. There is a comprehensive index to all plant names.

Keywords: Pteridophyta, Europe, checklist, distribution, new combinations, new species, *Asplenium*, *Azolla*, *Cystopteris*, *Diphasiastrum*, *Dryopteris*, x *Dryopolystichum*, *Equisetum*, *Isoetes*, *Pteridium*.

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EUROPEAN TAXONOMIC, FLORISTIC AND BIOSYSTEMATIC
DOCUMENTATION SYSTEM

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V. H. Heywood

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PREFACE

This *Checklist of European Pteridophytes* is the first major updated output to be produced directly from the database of the European Science Foundation's Taxonomic, Floristic and Biosystematic Documentation System (EDS). It has been produced by the staff of the EDS, L.N. Derrick, R.A. Collis and C.M. Hall, in close collaboration with A.C. Jermy and A.M. Paul of the British Museum (Natural History).

In offering this checklist to the public we feel confident that a breakthrough has been made in botanical documentation and the time brought nearer when electronically produced, continually updated information will become regularly available as part of the international biological scene.

V.H. Heywood

March 1987

INTRODUCTION

THE EUROPEAN TAXONOMIC, FLORISTIC AND BIOSYSTEMATIC DOCUMENTATION SYSTEM

The EDS Project was set up in response to the recommendation of the ESRC ad hoc group on biological recording, taxonomy and systematics that there should be established a floristic information system and a means of coordinating research and information on plant biosystematics. This was approved as Project 1 of the Additional Activity in Taxonomy by the ESF General Assembly in 1979. The project was initiated in November 1981 at the University of Reading under the guidance of a Scientific Steering Committee chaired by Professor V.H. Heywood.

During its first Phase, from 1981 to 1983, the European Documentation System, in conjunction with collaborators and potential users, developed a programme of work which comprised five main aims. These were briefly:

1. To review existing taxonomic procedures and devise novel methods for data capture and handling.
2. To establish a database for the accumulation of data referring to European vascular plants, which would store their names, authorities and places of publication together with information on:
 - a) Typification and synonymy
 - b) Geographical distribution (both within and outside Europe)
 - c) Ecology, phytosociology and life forms
 - d) Conservation status
 - e) Economic importance
 - f) Biosystematic information, e.g. cytology and phytochemistry
 - g) Relevant literature (pertaining to both taxa and fields) as well as key references to illustrations and the fields which were not covered in the database in detail.
3. To experiment with and test novel methods of presenting such information and then set up a European Documentation (Information Retrieval) System for the continual accumulation, collation, presentation and distribution of the data.
4. To prepare and publish, from the data thus accumulated, an up-to-date annotated, synoptic checklist of the European flora, together with biosystematic surveys or accounts of chosen groups of high scientific and/or economic interest, and other selections of the information stored in the database as appropriate and according to user demand.
5. To highlight deficiencies in the knowledge of particular groups with a view to suggesting possible areas for future research and/or monographic revision.

Data on the entire flora of Europe, as embodied by the published volumes of *Flora Europaea*, was encoded and transferred to a hierarchical database stored on the Project's minicomputer. This involved a great deal of research and systems analysis so that the complex structures and conventions of formal taxonomy could be machine-handled. During this process, a great amount of checking had to be done, many errors

corrected, and inconsistencies removed from the data. Experiments to provide a VIEWDATA-like user-friendly interface for this system were undertaken; further research and development are necessary to realise the full potential of this system. The data stored in the hierarchical framework were later transferred to the University of Reading's mainframe computer and stored within a relational framework controlled by the Relational Database Management System ORACLE. This allows the data to be manipulated and retrieved in a number of ways specific to user demands. This functional relational database on the European Flora is now unique.

The second phase of the EDS has involved the writing of programmes necessary for the continual updating and querying of the relational database. Already the principles of checklist production have been laid down so that it is possible to provide a list of taxa and synonyms, with or without additional information, for any of forty-one European territories. Lists for Albania, Bulgaria, Spitzbergen and the Azores are among those which have already been produced. These lists, which can be printed as hard copy in a format suitable for almost instant publication, could form the basis for continual updating of the EDS database. It is also now possible to provide lists which give, for example, the distribution of a single family within Europe, the chromosome numbers reported for a genus, or taxa restricted to a territory or group of territories, for example, the Iberian peninsula.

The establishment of these principles has been vital to the success of the Project, but even with the framework already established it was very important to maintain progress by being able to update the system. Consequently, as part of the programme of this second phase, programmes have been written which will enable workers to update the system, either by means of standardised abstracting forms or direct via specially designed screens derived from these forms. It is already possible to update the database by addition of bibliographical references, each of which will receive a unique reference number. Data from these references will be added to the database in those fields which it covers in depth. The recently innovated addition of a unique number for every taxon in the database has enabled the addition of information to any taxon, whether accepted or synonymous. Thus it is possible to accumulate information over a set period without lumping data. This allows for the later modification of the system by taxonomic experts throughout Europe and removes the necessity for the EDS staff to check the data themselves before inputting it - a principle considered essential by all EDS advisers.

As part of the second phase some updating was carried out on a trial basis. The pteridophyte families have been revised and updated in conjunction with A.C. Jermy and A.M. Paul (British Museum (Natural History)) to the extent that a total number of 329 recognised taxa are now included, with bibliographical references to all basionyms, and synonyms down to the rank of subspecies. In addition, R.A. Collis (EDS staff) has collated the geographical distribution from the literature available; no definitive search of the literature has been attempted, but we hope that this will stimulate regional workers to draw our attention to errors or omissions. The result of this exercise is a new European pteridophyte checklist upon which a further revision of *Flora Europaea* can be based. It should be emphasised that it has been possible to produce this major checklist in less than six months

because of the flexibility of the EDS relational database and the ability to standardise data, for example, authors' names and bibliographical citations. The production of this checklist as camera-ready-copy printed directly from the database actively fulfils for the Pteridophyta all the aims of the project outlined above.

TAXONOMIC AND NOMENCLATURAL NOTES

The second edition of *Flora Europaea* (Tutin *et al.*, in prep.) will hopefully elucidate the final anomalies in the taxonomy of European pteridophytes. We believe that the concepts of the genera and taxa below that rank in European pteridophytes are for the most part well understood, and we hope we have interpreted specialists' studies in an acceptable way. However, we appreciate that in some genera, (notably *Cystopteris*, Lycopodiaceae and *Isoetes*, as mentioned below) studies are still in progress and different concepts, especially at the species/subspecies level, will emerge. Furthermore in the large genera *Asplenium* and *Dryopteris* new hybrids and even polyploid species are likely to be discovered making additions to this list inevitable.

1. ASPLENIUM

Generic concept

We have taken the viewpoint that all European Aspleniaceae are best considered as one genus, *Asplenium*, and have made below the new combinations we believe are necessary. We appreciate there are other views, particularly that of Lovis (*Advances in Botanical Research* (ed. H.W. Woolhouse) 4:277 et sequ., 1977) and Reichstein (*Botan. Helvetica* 91:89-139, 1981), who prefer to recognise the segregate genera *Ceterach*, *Phyllitis*, *Phyllitopsis*, and *Pleurosorus*. In this checklist these names appear in synonymy.

New combinations

1. *Asplenium* x *badense* (D.E. Meyer) Jermy **comb. nov.**

Basionym: x *Asplenoceterach badense* D.E. Meyer - Ber. Deutsch. Bot. Ges. 70:61 (1957). [*Asplenium ceterach* ssp. *ceterach* x *Asplenium ruta-muraria* ssp. *ruta-muraria*].

Syn.: *A. x badense* (D.E. Meyer) Rothm. **comb. inval.**

2. *Asplenium ceterach* nssp. *mantoniae* (Varoczky & Vida) Jermy **comb. et stat. nov.**

Basionym: *Asplenium x mantoniae* Varoczky & Vida in Vida - Acta Bot. Acad. Sci. Hung. 9:202 (1963). [*Asplenium ceterach* ssp. *bivalens* x ssp. *ceterach*].

Nomen confusum

At the International Botanical Congress in Leningrad in 1975 Article No. 71 was deleted, thus accepting as valid and legitimate those names which were based on monstrosities and thereby bringing about a number of name changes in well-known plants. Two well-known names in the European pteridophyte flora were affected.

One of these changes, *Polypodium cambricum* L., was immediately taken up, albeit with considerable opposition from some quarters, especially from those horticulturalists who grow *Polypodium australe* cv. 'Cambricum', the sterile diploid and aberrant genotype still to be found on the inaccessible cliffs of Dinas Powys, South Wales. This population may even be the same clone that Linnaeus named *Polypodium cambricum*.

Another species which Linnaeus had described (Sp. Pl. 1082, 1753) from an aberrant form, was *Asplenium trichomanes-ramosum*, a fern the botanical world was later to call *Asplenium viride* Hudson. It is a form occasionally found in the wild, in which the rachis is furcate, sometimes repeatedly so, giving forms known in the horticultural trade as "ramose" or "crested". This also happens in *A. trichomanes* and there is a well-known form of that species frequently cultivated called *Asplenium trichomanes* L. cv. 'Ramosum'. Throughout the literature, right up to the present day, the term 'cv' is often omitted, albeit incorrectly, with the result that confusion will arise if the name *A. trichomanes-ramosum* L. is taken up. This is something which we would like to avoid. We have therefore not used the potentially confusing name in this checklist, but have retained *Asplenium viride* Hudson, with the hope that commonsense and eventual legality will prevail.

Questionable hybrid names

The following hybrid names have been included in the list because they are validly published, but according to Reichstein (*Bot. Helv.* 91:89-139, 1981) it is difficult to be sure of their identification from the type or other material available. No recent specimens of them have been found, and therefore no cytological studies could be made.

A. x corbariense Rouy: said by Rouy to be of the putative parentage, *A. fontanum* x *A. trichomanes*.

A. x murariaeformis Waisb.: suggested as the hybrid between *A. cuneifolium* and *A. ruta-muraria*.

A. x lingelsheimii Seymann: said by the author to be *A. adiantum-nigrum* x *A. ruta-muraria*. The type of *A. x perardii* Litard., another name given to this hybrid, can be identified with more certainty, but unfortunately the name is a *nomen nudum*.

A. x wachaviense Ascherson & Graebner: said to be a hybrid between *A. cuneifolium* and *A. trichomanes*.

A. trojani Litard.: may be synonymous with *A. x sarniense* but according to Reichstein (pers. comm.) it is impossible to be sure of its identity. We have therefore preferred to recognise *A. x sarniense* Sleep, which has been well studied and documented, rather than recommend a dubious name.

(A.C. JERMY)

2. AZOLLA

Flora Europaea (Tutin et al., 1964) gives two species of *Azolla* established in Europe. Recent studies by David Dunham (Ph.D. thesis, Portsmouth Polytechnic, 1986) have shown the type specimen of *A.*

caroliniana Michx to be *A. filiculoides* Lam. and further studies by Dunham and K. Fowler (pers. comm.) cast some doubt on the specific identity of the taxon hitherto recorded both in eastern U.S.A. and Europe as *A. caroliniana* sensu auctores. It is certainly without a name at any rank and we have therefore omitted it from the list until further work elucidates the matter.

3. CYSTOPTERIS

Further work on the genus *Cystopteris* (which is at present under study by G. Vida, Eotvos Lorand University, Budapest) will undoubtedly have nomenclatural repercussions. Our arrangement of names in that genus must therefore be regarded as a provisional guide only. *Cystopteris* type specimens are invariably poor material, often immature or sterile and therefore not easy to identify. We hope that future workers will not revive early epithets that cannot be fully determined and substantiated. We have sunk *C. regia* into the synonymy of *C. fragilis* on the grounds that the specimen (No. 45) in the Linnean Herbarium (LINN) - which is known to have been there in 1753 (A.G.H. Alston, MS) - cannot at present be distinguished on its morphology from the latter species, although on further study of the complex it may prove possible to do so. It should be added that the specimen of *Asplenium foreziense* that is attached to the same sheet, and also to an adjacent sheet, (under the same number and name), was sent to Linnaeus in 1756 by Gerrard from the south of France (C. Jarvis, pers. comm.), and can therefore in no way be regarded as, or confused with, the type of *Cystopteris regia*. We have therefore taken up the next available name, on taxonomic rather than nomenclatural grounds, i.e. *Polypodium alpina* Lam., a name mistakenly attributed by many subsequent authors to Wulfen ex Jacquin. Jacquin, though he did not make any reference to Lamarck's publication and use of name some ten years earlier did cite the same pre-Linnean synonyms, including the same number (1709) of Haller, making it clear that he was describing the same species. We therefore feel justified in substituting Lamarck for Wulfen ex Jacquin throughout the subsequent synonymy.

4. DIPHASIASTRUM

The delimitation of taxa in this genus is particularly difficult in Europe. Two substantial papers (Kukkonen, *Ann. Bot. Fennica* 4: 441-470, 1967; Pacyna, *Fragm. Flor. Geobot.* 18: 255-297, 1972) have discussed the range of variation, in Finland and Poland respectively, and the ranks proposed by these authors may prove to be more practical and meaningful biologically when the group is revised for the second edition of *Flora Europaea*.

5. DRYOPTERIS

The following taxa in the *Dryopteris affinis* complex are validated here in advance of a definitive account (Fraser-Jenkins, in prep.) giving full details of the group.

A new subspecies of *D. affinis*

Dryopteris affinis (Lowe) Fraser-Jenkins ssp. *cambrensis* Fraser-Jenkins ssp. nov.

Morphologia inter *D.affinem* ssp. *affinem* et *D. oreadem* intermedia. Pinnuli lobos rotundatos et dentes plus minusve obtusos, non prominentes ad apicem rotundatiores ferrentes; a *D. affine* ssp. *affine* paleis stipitis latioribus politis, pinnis brevioribus, e basibus earum decrescentibus et pare opposito infimo pinnularum in quoque pinna longissimo, differt. Sporae partim abortivae. Cytotypus triploideus.

Typus: Britannia: Wales, Merionethshire (Gwynedd), 10 km W. of Bala, N. side of Arennig Fawr, near cottage by disused railway. *C.R. Fraser-Jenkins 12748*, 18 September 1986; holotype: BM; isotypes: B, BP, DBN, E, G, H, K, NMW, NY, P, Z, Herb. C.R.F.-J., Herb. T. Reichstein. Paratypes: loc. et dat. *ibid.*, *C.R.F.-J. 12745 - 12747* (all BM, Herb. C.R.F.-J.).

Distribution: Au, Be, Br, Bu, Co, Cz, Da, Ga, Ge, Hb, Hs, It, Ju, Lu, No, Po, Sa; Caucasus (West Georgia).

The name previously used for this subspecies, *D. affinis* ssp. *stillupensis* (Sabr.) Fraser-Jenkins was unfortunately misapplied (Fraser-Jenkins, *Willdenowia* 10:107-115, 1980) as the types are *D. affinis* ssp. *borreri* (Newm.) Fraser-Jenkins. In south and central Europe ssp. *cambrensis* occurs as two distinct varieties: var. *distans* (Fiori) Fraser-Jenkins comb. nov. [basionym: *Nephrodium filix-mas* var. *distans* Fiori in Fiori et Paoletti, *Fl. Anal. Ital.* 4:3, 1907] and var. *setosa* (Christ) Fraser-Jenkins comb. nov. [basionym: *Aspidium filix-mas* var. *setosum* Christ, *Allg. Schweiz. Ges.* 63:137, 1900].

Hybrids between *D. affinis* and *D. filix-mas*

The name previously given to this hybrid complex, *D. x tavelii* Rothm. is sunk in synonymy on the grounds that the only surviving authentic material originally cited by Rothmaler (paratypes) has been redetermined by the writer as *D. affinis* ssp. *borreri*. From that material a lectotype [West-Ungarn, Hamor bei Koszeg (Guns) *A. Waisbecker*, s.n., 10 August 1899 (B, 056430)] has been chosen. The following hybrids exist:

Dryopteris x complexa Fraser-Jenkins hybr. nov. (*D. affinis* x *D. filix-mas*)

Planta hybrida morphologia inter parentes *D. affinem* et *D. filicem-marem* intermedia. Lamina saepe valde angustata, pinnis distantibus in parte infera frondis. Pinnuli plus minusve disjuncti, lobos insignes rotundatos parvos rotundato-acutos, dentes plus minusve obtusos ferentes, pari opposito infimum pinnularum in quoque pinna longissimo; indusiis saepe aliquantum crassis, inflexis ad margines inflexis saepe findentia tum errigentia et marcescentia. Sporae praeter aliquot maximae sphaericalae, fere totae abortivae. Cytotypus tetraploideus (Rasbach, Reichstein & Schneller, *Farnblätter* 10:1-13, 1983). Plantae non populationes formantes.

Typus: German Federal Republic: Baden-Wurttemberg, Gaisbrunnen, c.2 km S.E. of Herrenalb, c.24 km S. of Karlsruhe, below spring in scree, 530 m alt., *G. Philippi, H. & K. Rasbach, T. Reichstein & A. Sleep TR4020*, 14 August 1976, with *D. affinis* ssp. *affinis* and ssp. *borreri* and *D. filix-mas*; **holotype:** Herb. T. Reichstein; **merotypes:** ex hort T. Reichstein, Basel, coll. *C.R.F.-J. 10502* (BM, Herb. C.R.F.-J.) and *C.R.F.-J.10906* (NMW, Herb. C.R.F.-J.).

The hybrid occurs in three distinct nothosubspecies, as follows:

1. *D. x complexa* nssp. ***complexa*** Fraser-Jenkins nssp. nov. (*D. affinis* ssp. *affinis* x *D. filix-mas*)
Description and type as above.

Distribution: Au, Br, Ga, Ge, He, Hs.

2. *D. x complexa* nssp. ***contorta*** Fraser-Jenkins nssp. nov. (*D. affinis* ssp. *cambrensis* x *D. filix-mas*)

Planta caespitem magnum formans, hybrida morphologia inter parentes *D. affinem* ssp. *cambrensis* et *D. filicem-marem* intermedia, nothosubspecie *complexae* similis, sed pinnis pinnulisque imbricatoribus differt. Pinnuli in quoque pinna basiscopici apicem frondis sursum versus, pinnis itaque concavis, pinnulis saepe aliquantum contortis, pare opposito infimo in quoque pinna irregulariter non profunde lobato, dentibus obtusis flabellatis ad apicem ferentibus. Sporae abortivae in nssp. *complexa*. Cytotypus nondum cognitus, sed pentaploideus presumptus.

Typus: Britannia, England, Leicestershire, Woodhouse Eaves, N.W. of Leicester, naturally occurring in the rock-garden above the house called "The Brand" (owned by Col. Martin), growing with the parents, the other two ssp. of *D. affinis* and other nssp. of *D. x complexa*, [brought into cultivation in hort. C.D. Fraser Jenkins, Bridgend, October, 1968]; coll. ex hort. *C.R. Fraser-Jenkins 11494*, 25 August 1985; **holotype:** BM; **isotypes:** G, H, NMW, Herb. C.R.F.-J.; **merotypes:** *C.R.F.-J. 10978* (Herb. T. Reichstein), *10979* (BM), *11556* (Herb. C.R.F.-J.) and *12370* (Herb. C.R.F.-J.).

Distribution: Br, ?Co.

3. *Dryopteris x complexa* nssp. ***critica*** Fraser-Jenkins nssp. nov. (*D. affinis* ssp. *borreri* x *D. filix-mas*)

Planta hybrida morphologia inter parentes *D. affinem* ssp. *borreri* et *D. filicem-marem* intermedia. A nssp. *complexa* textura laminae minora polita, pinnulis plerumque altiore lobatis, lamina latiora pinnis non distantibus, differt. Lobi pinnularum insignes saepe rectangulari, apice pinnularum rectangulares vel acuti dentes longos acutos ferentes; indusii plus minusve tenuia, super soram curvati non findentia, tum cito marescentia. Sporae abortivae ut in nssp. *complexa*. Cytotypus pentaploideus (H. Rasbach, pers. comm.; S. Jessen, pers. comm.).

Typus: German Democratic Republic: Gera, Rudolstadt/ Thuringen, rechtseitiger Talhang des Uhleschegrundes zwischen Partschefeld und

Uhlstadt, c.280 m alt., with the parent taxa, *I. & S. Jessen 1291*, 22 June 1985; holotype: Herb. S. Jessen; isotype: JE.

Distribution: Au, Br, Bu, Ga, Ge, Hb, He, Hs, Hu, Rm.

(C.R. FRASER-JENKINS)

6. x DRYOPOLYSTICHUM sensu Domin, non Copel.

Domin (*Vestn. Kral. Ceske Spolecn. Nauk, Tr.Mat.-Prir.* 1941:10, 1942) recorded a hybrid between *Dryopteris filix-mas* and *Polystichum aculeatum* from Czechoslovakia. He named this x *Dryopolystichum mirabile*, but gave it no formal description, and no type specimen has been found. Whilst not impossible, this is a most improbable hybrid and likely to have been an aberrant form of *D. filix-mas*. This generic name was independently, and validly, published by Copeland for a New Guinea taxon related to *Ctenitis* (*Gen. Fil.* 125, 1947), and would no longer be available for such a hybrid should it be found. We have therefore omitted the name from the list.

7. EQUISETUM

We have listed a hybrid known to exist (*Equisetum arvense* x *pratense*; C.N. Page, pers. comm.) which has to our knowledge no valid name. Two names have been given to this taxon in the literature but both are *nomina nuda* and are listed here in chronological order. A valid name for this hybrid will shortly be published (Page, in prep.).

8. ISOETES

The group of species associated with *Isoetes velata* A. Braun needs to be reviewed in a Mediterranean context, including North Africa, and possibly in relation to other related taxa elsewhere in Africa. We have accepted here *pro tem.* the subspecies concepts used in *Med-Cheklis* (Greuter, Burdet & Long, 1984).

9. PTERIDIUM

Pteridium herediae was described as a species which could tolerate, or possibly preferred soils with a high calcium/magnesium content. At the present time we prefer to treat this taxon as a subspecies, and make the following combination accordingly.

Pteridium aquilinum ssp. *herediae* (Colmeiro ex Clemente)

Jermy comb. et stat. nov.

Basionym: *Pteris herediae* Colmeiro ex Clemente - Enum. Cript. Esp. Portugal 16 (1867).

(A.C. JERMY)

THE CHECKLIST CONTENT AND ARRANGEMENT

This *Checklist* contains 48 genera native to Europe as defined by *Flora Europaea* within which are 309 accepted taxa at species, hybrid or subspecies (including nothosubspecies) rank. In addition we have included eight genera (ten species) and a further ten species in native genera which do not naturally occur in Europe, but which have become significantly established in appropriate ecological niches. There may be further species in this category (termed 'escapes') which may eventually be added to the list. These totals are substantially different from those in 1964 when the pteridophyte accounts of *Flora Europaea* were published, and we hope the information presented here will provide a substantial framework for any future revision of that work.

Names are given for all taxa together with authorities and place of publication but we have been unable to locate the place of publication of the following taxa (indicated in the checklist by ??):

Asplenium adiantum-nigrum var. *dacicum* Borbas (1875) [= *A. cuneifolium*].

Huperzia selago ssp. *appressa* (Desv.) D. Love [= *Huperzia selago*].

Selaginella albarracinensis Pau [= *S. kraussiana*].

Names of authors and literature are standardised according to *Flora Europaea* if they are in that work. Where they are not, we have followed the *Draft list of author abbreviations compiled at the Herbarium, Royal Botanic Gardens, Kew* (Meikle, 1980), *Index Filicum - Suppl. 4* (Pichi Sermolli *et al.*, 1965), and *Flora Iberica* (Castroveijo, 1986) for recent Spanish names. Likewise for literature citations not in *Flora Europaea*, abbreviations have been adapted from *Catalogue des periodiques de la bibliotheque des Conservatoire et de la Ville de Geneve* (Burdet, 1980), *Botanico-Periodicum-Huntianum* (Lawrence *et al.*, 1961) and *Taxonomic Literature 2* (Stafleu & Cowan, 1976-86). As far as possible references were checked back to source. Diacritic marks are not given and we apologise to authors whose names may thus appear to be mis-spelt.

The geographical distribution for each taxon is given in terms of *Flora Europaea* territories, with the exception of the Malta archipelago which is separated from Sicily and given the notation Me (Melita), as in the *Med-Checklist* (Greuter, Burdet & Long, 1984); see Appendix 2. References used as sources for this geographical information are given in Appendix 3. We have not made a comprehensive search of the literature, nor, at this stage, sought the views of regional advisers, but have presented an account which we hope will stimulate, and be amended by, regional floristic workers. In the case of non-endemics, only a general indication is given of the world distribution, except for those species confined to Asia Minor, the Mediterranean and Macaronesia, where the extra-European distribution is given in full.

Species endemic to Europe are indicated by a solid circle (●) at the beginning of the distribution; those believed to be of a wider occurrence are indicated by a dash (-). Abbreviations of the territories are listed alphabetically, including the Russian subdivisions. Square brackets ([]) indicate that the species is not

native in that territory; an asterisk (*) indicates that the status is doubtful; a question mark (?) indicates a doubtful occurrence which has at some time been recorded. Where the territory code is given in *italics* it is a possible country of occurrence (especially in the case of hybrids) and all such italic citations need to be checked.

The arrangement of the families, genera, species and subspecies is alphabetical; at this stage, we would have preferred to omit families, believing that the present trend of splitting into smaller families fails to show relationships and prevents the general botanist from understanding the classification of pteridophytes. As within our relational database that field had to be filled, we have followed the families used by D.B. Lellinger in his *Field manual of the ferns and fern-allies of the United States & Canada* (Smithsonian Institution, 1985). This at least allows those whose interests are in the northern temperate zone to consider the flora as one. A systematic synopsis of the families and genera is given in Appendix 1. It should be noted that Adiantaceae (C. Presl) Ching [*Sunyatsenia* 5: 229 (1940)] has very recently been conserved (*Taxon* 35: 689) over the earlier family name Sinopteridaceae, which has been used in the computer database and thus in this arrangement.

Synonyms are listed in chronological order, following the basionym. Illegitimate and invalid names have been indicated where known; the authors and dates of earlier homonyms are indicated in square brackets. We have excluded the many subspecies made by M. Gandoger (*Fl. Europae* 27:45-217, 1891). Synonyms below the rank of subspecies are not included except when they are the basionym of a subspecies or species. The taxonomic synonyms given are for the most part either well-established in the literature, or are the opinions of specialists who have made studies in a genus; e.g. Lovis, Reichstein and/or Sleep, in *Asplenium*; Fraser-Jenkins and/or Reichstein, in *Dryopteris*. Where a synonym has not been identified to subspecies it has been placed under the species *sensu lato*. Synonyms of genera are stored in the database but not printed out here.

Hybrids are listed alphabetically according to their epithets together with a statement of proposed or established parentage, and are cross-referenced under each parent using the expression, "see also". For example, under *Asplenium adiantum-nigrum* the "see also" bracket lists nine hybrid synonyms in which that species is involved. In one case only, the tetraploid *Dryopteris x fraser-jenkinsii*, we have listed three parents, it being impossible to tell from the morphology whether *D. dilatata* or *D. guanchica* is the second parent. Putative hybrids are occasionally described and/or named from questionable, often immature or even sterile material. Where such names have been validly published, e.g. in *Asplenium*, we have included them (see under Taxonomic Notes above).

ACKNOWLEDGEMENTS

Many people have contributed both to the EDS database at Reading and to the library of the British Museum (Natural History) by sending us their reprints. We thank all who have done so; copies of future publications will be welcomed by the Pteridophyte Section at the British Museum (Natural History) to facilitate the updating of this checklist. We have been fortunate in being able to use the Museum's excellent library; without this and the competent staff that run it, editing this checklist would have been very costly. Helena Moss, working on a B.M.(N.H.) Vacation Studentship in July-August 1984, prepared data sheets for about 50 recent pteridophyte references containing new taxa and information on their cytology, ecology and distribution. These data have been incorporated into the checklist whenever appropriate. We would like to thank Christopher Fraser-Jenkins for his comments on an early draft of the printout, and for information on the distribution of *Dryopteris* species and hybrids. He has also willingly contributed the taxonomic notes on *Dryopteris* (Para 5) given above in advance of his definitive paper on the *D. affinis* complex, so that this list could be as complete as possible. In this context we also wish to thank Norman Robson (B.M.(N.H.)) for kindly checking the Latin descriptions.

Throughout the checking of this list, many nomenclatural problems emerged. We particularly thank Arthur Chater (B.M.(N.H.)) whose patient wisdom guided us on many occasions, and Charlie Jarvis (B.M.(N.H.)), who advised us on Linnean typification. Dick Brummitt (Royal Botanic Gardens, Kew) also gave helpful advice on particular problems and Barbara Parris (R.B.G., Kew) kindly checked her *Index Filicum* files for bibliographical references to new taxa and combinations. Manuel Lainz (Gijon), Christopher Page (Edinburgh) and Tadeus Reichstein (Basel) have also helped at various times. However, the responsibility to take any particular course in either nomenclature or taxonomy has rested with the editors alone.

The EDS owes a special debt to Tony Sumner (Computer Centre, University of Reading) whose advice has been a great help throughout the five years of the project, especially in the final stages of the preparation of this Checklist, when his practical support and assistance have been considerably above what might have been expected in his normal call of duty.

APPENDIX 1**SYSTEMATIC ARRANGEMENT OF FAMILIES AND GENERA
OF EUROPEAN PTERIDOPHYTES**

Psilotaceae Psilotum	Grammitidaceae Grammitis
Lycopodiaceae Lycopodium Lycopodiella Diphasiastrum Huperzia	Cyatheaceae Cyathea
Selaginellaceae Selaginella	Dicksoniaceae Dicksonia Culcita
Isoetaceae Isoetes	Dennstaedtiaceae Pteridium
Equisetaceae Equisetum	Thelypteridaceae Thelypteris Phegopteris Oreopteris Stegnogramma Christella
Ophioglossaceae Botrychium Ophioglossum	Aspleniaceae Asplenium
Osmundaceae Osmunda	Woodsiaceae Matteuccia Onoclea Athyrium Diplazium Gymnocarpium Cystopteris Woodsia Deparia
Parkeriaceae Ceratopteris	Dryopteridaceae Polystichum Cyrtomium Dryopteris
Adiantaceae * Onychium Cryptogramma Cheilanthes Pellaea Cosentinia Anogramma Pityrogramma Paraceterach Adiantum	Lomariopsidaceae Elaphoglossum
Pteridaceae Pteris	Davalliaceae Davallia
Marsileaceae Marsilea Pilularia	Blechnaceae Blechnum Doodia Woodwardia
Hymenophyllaceae Hymenophyllum Trichomanes	Salviniaceae Salvinia
Polypodiaceae Polypodium	Azollaceae Azolla

* See note on page xv, para. 2

APPENDIX 2

GEOGRAPHICAL ABBREVIATIONS USED FOR THE DISTRIBUTION SUMMARIES

- Al Albania
 Au Austria, with Liechtenstein
 Az Acores
 Be Belgium, with Luxembourg
 Bl Islas Baleares
 Br Britain, including Orkneys, Zetland and Isle of Man; excluding Channel Islands and Northern Ireland
 Bu Bulgaria
 Co Corse
 Cr Kriti, with Karpathos, Kasos and Gavdhos
 Cz Czechoslovakia
 Da Denmark, including Bornholm
 Fa Faeroer
 Fe Finland, including Ahvenanamaa (Aaland Is.)
 Ga France, with the Channel Islands (Iles Normandes) and Monaco; excluding Corse
 Ge Germany, both Democratic and Federal Republics
 Gr Greece, excluding those islands included under Kriti (v.s.) and those which are outside Europe as defined for *Flora Europaea*
 Hb Ireland, both the republic and Northern Ireland
 He Switzerland
 Ho Netherlands
 Hs Spain, with Gibraltar and Andorra; excluding Islas Baleares
 Hu Hungary
 Is Island
 It Italy, including Arcipelago Toscano; excluding Sardegna and Sicilia as defined below
 Ju Jugoslavia
 Lu Portugal
 Me Malta archipelago
 No Norway
 Po Poland
 Rm Romania
 Rs U.S.S.R.
 Rs:B Baltic: Estonia, Latvia, Lithuania, Kaliningradskaia Oblast'
 Rs:C Central: Ladoga-Ilmen, Upper Volga, Volga-Kama, Upper Dnepr, Volga-Don, Ural
 Rs:E South-east: Lower Don, Lower Volga, Transvolga
 Rs:K Krym (Crimea)
 Rs:N North: Arctic Europe, Karelo-Lapland, Dvina-Pecora
 Rs:W South-west: Moldavia, Middle Dnepr, Black Sea, Upper Dnestr
 Sa Sardegna
 Sb Svalbard, i.e. Spitsbergen, Bjornoya (Bear Is.) and Jan Mayen
 Si Sicilia, with Pantelleria, Isole Pelagie, Isole Lipari and Ustica; excluding the Malta archipelago (v.s.)
 Su Sweden, including Oland and Gotland
 Tu Turkey (European part), including Imroz

APPENDIX 3

REFERENCES USED AS A SOURCE OF GEOGRAPHICAL INFORMATION

- CASTROVIEJO, S., LAINZ, M., GONZALEZ, G.L., MONTSERRAT, P., GARMENDIA, F.M., PAIVA, J. & VILLAR, L. (eds.) 1986. *Flora Iberica*, 1. Madrid.
- DE LANGE, J.E., DELVOSALLE, L., DUVIGNAUD, J., LAMBINON, J. & VANDEN BERGEN, C. 1983. *Nouvelle Flore de la Belge, du Grand-Duche de Luxembourg, du Nord de la France et des regions voisin*. Ed. 3. Meise.
- FERNANDES, A. & FERNANDES, R.A. 1980. *Iconographia selecta Florae Azoricae*, 1. Coimbra.
- FERRARINI, E., CIAMPOLINI, F., PICHİ SERMOLLI, R.E.G. & MARCHETTI, D. 1986. *Iconographia palynologica pteridophytorum Italiae*. *Webbia* 40:1-202.
- FRANCO, J. DO AMARAL & DA ROCHA AFONSO, M. DA LUZ. 1982. *Distribuicao de Pteridophytos e Gimnospermicas em Portugal*. Lisboa.
- GREUTER, W., BURDET, H.M. & LONG, G. (eds) 1984. *Med-Checklist* 1. Geneve.
- GUINOCHET, M. & DE VILMORIN, R. 1973. *Flore de France*, 1. Paris.
- HAMET-AHTI, L., SUOMINEN, J., ULVINEN, T., UOTILA, P. & VUOKKO, S. 1984. *Retkeilykasvio*. Helsinki.
- HEGI, G. 1984. *Illustrierte Flora von Mittel-europa*, ed. 3. Berlin & Hamburg.
- HANSEN, A. & SUNDING, P. 1985. Flora of Macaronesia: checklist of vascular plants. *Sommerfeltia* 1: 1-167.
- HESS, H.E., LANDOLT, E. & HIRZEL, R. 1967. *Flore de Schweiz*, 1. Basel & Stuttgart.
- JALAS, J. & SUOMINEN, J. (eds) 1972. *Atlas Florae Europaeae, 1: Pteridophyta*. Helsinki.
- KORNAS, J. 1957. Rosliny Naczynniowe Gorcow. *Monographiae Botanicae* 5:1-260. Warsaw.
- LOVE, A. 1983. *Flora of Iceland*. Reykjavik.
- ROSTRUP, E. & HANSEN, A. 1973. *Den Danske Flora*. Copenhagen.
- SMYTHIES, B.E. 1984. Flora of Spain and the Balearic Islands: checklist of vascular plants. *Englera* 3:1-212.
- STRID, A. 1986. *Mountain Flora of Greece* 1. Cambridge.
- TUTIN, T.G., HEYWOOD, V.H., BURGESS, N.A., WALTERS, S.M. & WEBB, D.A. 1964. *Flora Europaea*, 1. Cambridge.
- VAN DER MEIJDEN, R., ARNOLDS, E.J.M., ADEMA, F., WEEDA, E.J. & PLATE,

C.L. 1984. *Standaardlijst van de Nederlandse Flora 1983*. Leiden.

ZAFFRAN, J. 1976. *Contributions a la flore et a la vegetation de la Crete, 1: Floristique*. Marseille.

CHECKLIST OF EUROPEAN PTERIDOPHYTES

ASPLENIACEAE METT. EX A.B. FRANK
IN LEUNIS - Syn. Pflanzenk. ed. 2, 3:1465 (1877)

ASPLENIUM L. - Sp. Pl. 1078 (1753)

ASPLENIUM ADIANTUM-NIGRUM L. - Sp. Pl. 1081 (1753)

ASPLENIUM NIGRUM LAM. - Fl. Fr. ed. 1, 1:28 (1779)

ASPLENIUM TRICHOMANOIDES LUMN. - Fl. Poson. 1020 (1791)

ASPLENIUM OBTUSUM KIT. EX WILLD. - Sp. Pl. ed. 4, 5(1):341 (1810)

ASPLENIUM ARGUTUM KAULFUSS - Enum. Fil. 176 (1824)

ASPLENIUM ADIANTUM-NIGRUM L. SSP. NIGRUM (LAM.) HEUFLER - Verh.

Zool.-Bot. Ges. Wien 6:310 (1856)

ASPLENIUM ADIANTUM-NIGRUM L. SSP. OBTUSUM (KIT. EX WILLD.) SCHIDLAY IN J.

FUTAK - Fl. Slov. 2:148 (1966)

- Al Au Az Be Br Bu Co ?Cr Cz Da Fa Ga Ge Gr Hb He Ho Hs Hu It Ju Lu No Po Rm
Rs:K Rs:W Sa ?Si Su Tu

N. Africa, Macaronesia, Asia, N. America, Australia

See also:

ASPLENIUM x BECHERERI D.E. MEYER

ASPLENIUM x BRISSAGINENSE D.E. MEYER

ASPLENIUM x CENTOVALLENSE D.E. MEYER

ASPLENIUM x CONTREI CALLE, LOVIS & REICHST.

ASPLENIUM x DOLOSUM MILDE

ASPLENIUM x JACKSONII (ALSTON) LAWALREE

ASPLENIUM x LINGELSHEIMII SEYMANN

ASPLENIUM x SARNIENSE SLEEP

ASPLENIUM x TICINENSE D.E. MEYER

ASPLENIUM ADULTERINUM MILDE - Hoheren Sporenpfl. Deutschl. Schweiz 40 (1865)

ASPLENIUM FALLAX HEUFLER, NOM. PROVIS. - Verh. Zool.-Bot. Ges. Wien 6:261
(1856)

ASPLENIUM VIRIDE HUDSON SSP. ADULTERINUM (MILDE) H. HOFMANN - Allgem.

Bot. Zeitschr. 1(11):216 (1895)

• Au Cz Fe Ge Gr He ?Hu It Ju No Po Rm Su

See also:

ASPLENIUM x LOBMINGENSE MELZER, LOVIS & REICHST.

ASPLENIUM x TRICHOMANIFORME WOYNAR

ASPLENIUM ADULTERINUM MILDE SSP. ADULTERINUM -

• Au Cz Fe Ge Gr He ?Hu It Ju No Po Rm Su

See also:

ASPLENIUM x BECHERERI D.E. MEYER

ASPLENIUM x POSCHARSKYANUM (H. HOFMANN) PREISMANN

ASPLENIUM x TRICHOMANIFORME WOYNAR Nssp. TRICHOMANIFORME

ASPLENIUM x TRICHOMANIFORME WOYNAR Nssp. PRAETERMISSUM (LOVIS, MELZER &
REICHST.) MUNOZ GARM.

ASPLENIUM ADULTERINUM MILDE SSP. PRESOLANENSE MOKRY, H. RASBACH & REICHST. -

Bot. Helv. 96(1):8 (1986)

• He It

See also:

ASPLENIUM x TRICHOMANIFORME WOYNAR Nssp. CALCICOLUM H. RASBACH & REICHST.

ASPLENIUM AEGAEUM LOVIS, REICHST. & W. GREUTER - Ann. Mus. Goulandris 1:141
(1973)

- Cr Gr

Anatolia

ASPLENIUM x ALTERNIFOLIUM WULFEN IN JACQ. - Misc. Austr. Bot. 2:51, t. 5, f. 2 (1781)

ASPLENIUM x GERMANICUM WEIS, NOM. INVALID. - Pl. Crypt. Fl. Gott. 299 (1770)

ASPLENIUM x BREYNI RETZ., NOM. ILLEGIT. - Obs. Bot. 1:32 (1779)

PHYLLITIS HETEROPHYLLA MOENCH - Meth. 729 (1794)

ASPLENIUM MURALE BERNH. IN SCHRADER - Jour. fur die Bot. 1799(1):311 (1799)

SCOLOPENDRIUM ALTERNIFOLIUM (WULFEN) ROTH - Arch. Bot. (Roemer) 2(1):105 (1800)

ASPLENIUM BREYNI KOCH [NON RETZ. (1779)] - Syn. Fl. Germ. ed. 2, 983 (1845)

ASPLENIUM GERMANICUM ASCHERSON & GRAEBNER - Syn. Mitteleur. Fl. ed. 1, 1:75 (1896)

ASPLENIUM HANSII ASCHERSON & GRAEBNER - Syn. Mitteleur. Fl. ed. 1, 1:78 (1896)

ASPLENIUM x INTERCEDENS WAISB. - Osterr. Bot. Zeitschr. 49:62 (1899)

ASPLENIUM DRESDENSE KRIEGER - Hedwigia 46:255 (1906)

- Al Au Be Br Bu Co Cz Da Fe Ga Ge Gr He Hs Hu It Ju Lu No Po Rm Rs:C Rs:K
Rs:N Rs:W Sa Si Su Tu

Asia

Parents:

ASPLENIUM SEPTENTRIONALE (L.) HOFFM.

ASPLENIUM TRICHOMANES L.

ASPLENIUM x ALTERNIFOLIUM WULFEN Nssp. ALTERNIFOLIUM -

- Al Au Be Br Bu Co Cz Da Fe Ga Ge Gr He Hs Hu It Ju Lu No Po Rm Rs:C Rs:K
Rs:N Rs:W Sa Si Su Tu

Parents:

ASPLENIUM SEPTENTRIONALE (L.) HOFFM. Ssp. SEPTENTRIONALE

ASPLENIUM TRICHOMANES L. Ssp. TRICHOMANES

ASPLENIUM x ALTERNIFOLIUM WULFEN Nssp. HEUFLERI (REICHARDT) AIZPURU, CATALAN & SALVO - Anal. Inst. Bot. Cavanilles 41:450 (1985)

ASPLENIUM x HEUFLERI REICHARDT - Verh. Zool.-Bot. Ges. Wien 9:95 (1859)

ASPLENIUM x BAUMGARTNERI DORFLER - Osterr. Bot. Zeitschr. 45:169, t. 9 (1895)

- Au Cz ?Ga Ge He Hs ?Hu It Lu ?Rm

Parents:

ASPLENIUM SEPTENTRIONALE (L.) HOFFM. Ssp. SEPTENTRIONALE

ASPLENIUM TRICHOMANES L. Ssp. QUADRIVALENS D.E. MEYER EMEND. LOVIS

ASPLENIUM ANCEPS LOWE EX HOOKER & GREV. - Icon. Fil. 2: t. 195 (1831)

- Az

Madeira, Islas Canarias

ASPLENIUM AZORICUM (MILDE) LOVIS, H. RASBACH & REICHST. IN LOVIS, H. & K.

RASBACH & REICHST. - Amer. Fern Jour. 67(3):88 (1977)

ASPLENIUM TRICHOMANES L. VAR. ANCEPS (LOWE EX HOOKER & GREV.) MILDE FO.

AZORICA MILDE - Fil. Eur. 64 (1867)

• Az

ASPLENIUM x BADENSE (D.E. MEYER) JERMY IN DERRICK, JERMY & PAUL - Sommerfeltia 6:viii (1987)

x ASPLENOCETERACH BADENSE D.E. MEYER - Ber. Deutsch. Bot. Ges. 70:61 (1957)

ASPLENIUM x BADENSE (D.E. MEYER) ROTHM., COMB. INVALID. - Exkurs.-Fl. Krit. Erganz. 5 (1963)

- Ge He

Parents:

ASPLENIUM CETERACH L. Ssp. CETERACH

ASPLENIUM RUTA-MURARIA L. Ssp. RUTA-MURARIA

ASPLENIUM BALEARICUM SHIVAS - Brit. Fern Gaz. 10:75, f. 8 (1969)

• Bl It Sa Si

ASPLENIUM x BARRANCENSE (W. BENNERT & D.E. MEYER) PERICIAS & ROSELLO IN ROSELLO, PERICIAS, ALOMAR & N. TORRES - Acta Bot. Malacitana 11:297 (1986)
x ASPLENOCETERACH BARRANCENSE W. BENNERT & D.E. MEYER - Willdenowia 6:463 (1972)

• Bl

Parents:

ASPLENIUM CETERACH L. SSP. CETERACH

ASPLENIUM MAJORICUM LITARD.

ASPLENIUM x BAVARICUM D.E. MEYER - Ber. Deutsch. Bot. Ges. 76:16 (1958)

• Au Ge Hs It Lu

Parents:

ASPLENIUM TRICHOMANES L.

ASPLENIUM VIRIDE HUDSON

ASPLENIUM x BAVARICUM D.E. MEYER Nssp. BAVARICUM -

• Au Ge It

Parents:

ASPLENIUM TRICHOMANES L. SSP. QUADRIVALENS D.E. MEYER EMEND. LOVIS

ASPLENIUM VIRIDE HUDSON

ASPLENIUM x BAVARICUM D.E. MEYER Nssp. ADULTERINIFORME (LOVIS, MELZER & REICHST.) MUNOZ GARM. - Anal. Inst. Bot. Cavanilles 42(1):257 (1985)

ASPLENIUM x ADULTERINIFORME LOVIS, MELZER & REICHST. - Bauhinia 2(3):233 (1965)

• Au It

Parents:

ASPLENIUM TRICHOMANES L. SSP. INEXPECTANS LOVIS

ASPLENIUM VIRIDE HUDSON

ASPLENIUM x BAVARICUM D.E. MEYER Nssp. PROTOADULTERINUM (LOVIS & REICHST.) MUNOZ GARM. - Anal. Inst. Bot. Cavanilles 42:257 (1985)

ASPLENIUM x PROTOADULTERINUM LOVIS & REICHST. - Naturwissenschaften 55:118 (1968)

ASPLENIUM x MENDELIANUM D.E. MEYER - Ber. Deutsch. Bot. Ges. 81:97 (1968)

• Au He Hs Lu

Parents:

ASPLENIUM TRICHOMANES L. SSP. TRICHOMANES

ASPLENIUM VIRIDE HUDSON

ASPLENIUM x BECHERERI D.E. MEYER - Ber. Deutsch. Bot. Ges. 81:101 (1968)

• He It

Parents:

ASPLENIUM ADIANTUM-NIGRUM L.

ASPLENIUM ADULTERINUM MILDE SSP. ADULTERINUM

ASPLENIUM BILLOTII F.W. SCHULTZ - Flora (Regensb.) 28:738 (1845)

ASPLENIUM LANCEOLATUM HUDSON [NON FORSKAL (1775)] - Fl. Angl. ed. 2, 454 (1778)

ASPLENIUM ROTUNDATUM KAULFUSS - Flora (Regensb.) 13:341 (1830)

ASPLENIUM CUNEATUM F.W. SCHULTZ - Flora (Regensb.) 27:807 (1844)

ASPLENIUM OBOVATUM VIV. VAR. BILLOTII (F.W. SCHULTZ) BECHERER - Ber. Schweiz. Bot. Ges. 38:29 (1929)

ASPLENIUM OBOVATUM VIV. SSP. LANCEOLATUM P. SILVA - Agron. Lusit. 20:217 (1959)

- Az Be Bl Br Co Ga Ge Hb He Hs It Lu Rs:K Sa Si

Tunisia, Algeria, Morocco, Macaronesia

See also:

- ASPLENIUM x CYRNOSARDOUM H. RASBACH, VIDA & REICHST.
 ASPLENIUM x MICRODON (T. MOORE) LOVIS & VIDA
 ASPLENIUM x SARNIENSE SLEEP
 ASPLENIUM x SLEEPIAE BADRE & BOUDRIE
 ASPLENIUM x SOUCHEI LITARD.

ASPLENIUM x BOUHARMONTII BADRE & PRELLI IN BADRE, BOUDRIE, PRELLI & SCHNELLER
 - Bull. Mus. Nat. Hist. Nat. (Paris) 4(3):480 (1981)

• Ga

Parents:

- ASPLENIUM OBOVATUM VIV.
 ASPLENIUM ONOPTERIS L.

ASPLENIUM BOURGAEI BOISS. EX MILDE - Bot. Zeit. 24:384 (1866)

- Cr

E. Aegean Islands, Anatolia, Lebanon & Syria

ASPLENIUM x BRISSAGINENSE D.E. MEYER - Ber. Deutsch. Bot. Ges. 73:389, t. 1
 (1961)

• Ga He

Parents:

- ASPLENIUM ADIANTUM-NIGRUM L.
 ASPLENIUM FOREZIENSE LE GRAND

ASPLENIUM x CENTOVALLENSE D.E. MEYER - Ber. Deutsch. Bot. Ges. 81:102 (1968)

• He It

Parents:

- ASPLENIUM ADIANTUM-NIGRUM L.
 ASPLENIUM CUNEIFOLIUM VIV.

ASPLENIUM CETERACH L. - Sp. Pl. 1080 (1753)

- Al [Au] Be Bl Br Bu Co Cr Cz Ga Ge Gr Hb He Ho Hs Hu It Ju Lu Me [Po] Rm Rs:K
 Sa Si Su Tu

Mediterranean region, Temperate Asia

ASPLENIUM CETERACH L. SSP. CETERACH -

- ASPLENIUM VULGARE HILL - Brit. Herbal 516 (1756)
 CETERACH OFFICINARUM WILLD. - Anleit. Selbststud. Bot. 578 (1804)
 GYMNOPTERIS CETERACH (L.) BERNH. IN SCHRADER - Neues Jour. Bot. 1(2):22
 (1805)
 GRAMMITIS CETERACH (L.) SWARTZ - Syn. Fil. 23 (1806)
 GYMNOGRAMMA CETERACH (L.) SPRENGEL - Syst. Veg. ed. 16, 4:38 (1827)
 CETERACH CETERACH (L.) NEWMAN - Phytologist 1851(App. V):105 (1851)
 CETERACH VULGARE DRUCE, NOM. ILLEGIT. - Rep. Bot. Exch. Club Brit. Is.
 3:440 (1913)

- Al [Au] Be Bl Br Bu Co Cr Cz Ga Ge Gr Hb He Ho Hs Hu It Ju Lu Me [Po] Rm Rs:K
 Sa Si Su Tu

Mediterranean region, Temperate Asia

See also:

- ASPLENIUM x BADENSE (D.E. MEYER) JERMY
 ASPLENIUM x BARRANCENSE (W. BENNERT & D.E. MEYER) PERICIAS & ROSELLO
 ASPLENIUM CETERACH L. NSSP. MANTONIAE (VAROCZKY & VIDA) JERMY

ASPLENIUM CETERACH L. SSP. BIVALENS (D.E. MEYER) W. GREUTER & BURDET -
 Willdenowia 10:17 (1980)

CETERACH OFFICINARUM WILLD. SSP. BIVALENS D.E. MEYER - Ber. Deutsch. Bot.
 Ges. 77:8 (1964)

ASPLENIUM JAVORKEANUM VIDA - Acta Bot. Acad. Sci. Hung. 9:197 (1963)

CETERACH JAVORKEANUM (VIDA) SOO - Acta Bot. Acad. Sci. Hung. 9:419 (1963)

- Al Bu Cz Gr ?Hs Hu It Ju Rm Si
 Anatolia

See also:

ASPLENIUM CETERACH L. Nssp. MANTONIAE (VAROCZKY & VIDA) JERMY

ASPLENIUM CETERACH L. Nssp. MANTONIAE (VAROCZKY & VIDA) JERMY IN DERRICK, JERMY & PAUL - Sommerfeltia 6:viiii (1987)

CETERACH x MANTONIAE (VAROCZKY & VIDA) SOO - Acta Bot. Acad. Sci. Hung. 9:419 (1963)

ASPLENIUM x MANTONIAE VAROCZKY & VIDA IN VIDA - Acta Bot. Acad. Sci. Hung. 9:202 (1963)

- Hu

Anatolia

Parents:

ASPLENIUM CETERACH L. SSP. CETERACH

ASPLENIUM CETERACH L. SSP. BIVALENS (D.E. MEYER) W. GREUTER & BURDET

ASPLENIUM x CLERMONTAE SYME - Engl. Bot. ed. 3, 12:132 (1886)

ASPLENIUM x HAUCHECORNEI ASCHERSON IN ASCHERSON & GRAEBNER - Syn. Mitteleur. Fl. ed. 1, 1:80 (1896)

ASPLENIUM x PREISSMANNII ASCHERSON & LUERSSEN IN ASCHERSON & GRAEBNER - Syn. Mitteleur. Fl. ed. 1, 1:79 (1896)

ASPLENIUM x REICHELIAE ASCHERSON & DORFLER - Verh. Bot. Ver. Brandenb. 37:XLVII (1896)

• Au Cz Ge Hb He It Ju

Parents:

ASPLENIUM RUTA-MURARIA L. SSP. RUTA-MURARIA

ASPLENIUM TRICHOMANES L. SSP. QUADRIVALENS D.E. MEYER EMEND. LOVIS

ASPLENIUM x CONFLUENS (T. MOORE EX LOWE) LAVALREE IN ROBYNS - Fl. Gen. Belg. (Pterid.) 178 (1950)

ASPLENIUM TRICHOMANES L. VAR. CONFLUENS T. MOORE EX LOWE - Nat. Ferns 2:207 (1867)

x ASPLENOPHYLLITIS CONFLUENS (T. MOORE EX LOWE) ALSTON - Proc. Linn. Soc. London 152:139 (1940)

• Br Hb ?Hu Ju

Parents:

ASPLENIUM SCOLOPENDRIUM L. SSP. SCOLOPENDRIUM

ASPLENIUM TRICHOMANES L. SSP. QUADRIVALENS D.E. MEYER EMEND. LOVIS

ASPLENIUM x CONTREI CALLE, LOVIS & REICHST. - Candollea 30:194 (1975)

• Br Ga Hs Lu

Parents:

ASPLENIUM ADIANTUM-NIGRUM L.

ASPLENIUM SEPTENTRIONALE (L.) HOFFM. SSP. SEPTENTRIONALE

ASPLENIUM x CORBARIENSE ROUY - Fl. Fr. 14:453 (1913)

• ?Ga

Parents:

ASPLENIUM FONTANUM (L.) BERNH.

ASPLENIUM TRICHOMANES L.

ASPLENIUM x COSTEI LITARD. - Bull. Acad. Int. Geogr. Bot. 21:150 (1911)

• Ga Hs Lu

Parents:

ASPLENIUM FOREZIENSE LE GRAND

ASPLENIUM SEPTENTRIONALE (L.) HOFFM. SSP. SEPTENTRIONALE

ASPLENIUM CRETICUM LOVIS, REICHST. & ZAFFRAN - Ann. Mus. Goulandris 1:145 (1973)

• Cr

See also:

ASPLENIUM x KHANIENSE BROWNSEY & JERMY

- ASPLENIUM CUNEIFOLIUM VIV. - Fl. Ital. Fragm. 16 (1808)
 ASPLENIUM FORSTERI SADLER - Descr. Pl. Epiphyll. Hung. 29 (1820)
 ASPLENIUM MULTICAULE SCHOLTZ - Enum. Fil. Siles. 48 (1836)
 ASPLENIUM DAVALLIOIDES TAUSCH - Flora (Regensb.) 22:479 (1839)
 ASPLENIUM SERPENTINI TAUSCH - Flora (Regensb.) 22:477 (1839)
 ASPLENIUM FISSUM WIMMER [NON KIT. EX WILLD. (1810)] - Fl. Schles. ed. 2:500 (1844)
 ASPLENIUM SILESIACUM MILDE - Jahresb. Schles. Ges. Vaterl. Kult. 33:93 (1855)
 ASPLENIUM ADIANTUM-NIGRUM L. SSP. SERPENTINI (TAUSCH) HEUFLER - Verh. Zool.-Bot. Ges. Wien 6:315 (1856)
 ASPLENIUM ADIANTUM-NIGRUM L. VAR. DACICUM BORBAS - ? ? (1875)
 ASPLENIUM ADIANTUM-NIGRUM L. SSP. CUNEIFOLIUM (VIV.) ASCHERSON IN ASCHERSON & GRAEBNER - Syn. Mitteleur. Fl. 1:71 (1896)
 ASPLENIUM ADIANTUM-NIGRUM L. SSP. FORSTERI (SADLER) BORBAS - Vasvarm. Nov. Vis. ed. 2, 540 (1897)
 ASPLENIUM DACICUM (BORBAS) BORBAS - Term.-Tud. Kozl. 46:71 (1898)
 ASPLENIUM FORSTERI SADLER SSP. DACICUM (BORBAS) JAV. EX SOO - Nomencl. Borbas. 1 (1931)
 ASPLENIUM CUNEIFOLIUM VIV. SSP. SERPENTINI (TAUSCH) SOO - Feddes Repert. 83:141 (1972)
 ASPLENIUM CUNEIFOLIUM VIV. SSP. DACICUM (BORBAS) SOO - Acta Bot. Acad. Sci. Hung. 23:376 (1978)
- Al Au ?Bu ?Co Cz ?Ga Ge Gr He Hs Hu It Ju ?Lu Po Rm Rs:W
 Anatolia, Temperate Asia
 See also:
 ASPLENIUM x CENTOVALLENSE D.E. MEYER
 ASPLENIUM x MURARIAEFORME WAISB.
 ASPLENIUM x WACHAVIENSE ASCHERSON & GRAEBNER
 ASPLENIUM x WOYNARIANUM ASCHERSON & GRAEBNER
- ASPLENIUM x CYRNOSARDOUM H. RASBACH, VIDA & REICHST. - Ber. Schweiz. Bot. Ges. 91:114 (1981)
- Co
 Parents:
 ASPLENIUM BILLOTII F.W. SCHULTZ
 ASPLENIUM OBOVATUM VIV.
- ASPLENIUM x DOLOSUM MILDE - Verh. Zool.-Bot. Ges. Wien 14:165 (1864)
 ASPLENIUM x REICHLINGII LAWALREE - Bull. Soc. Bot. Belg. 83:236, t. 1 (1951)
- He It
 Parents:
 ASPLENIUM ADIANTUM-NIGRUM L.
 ASPLENIUM TRICHOMANES L. SSP. TRICHOMANES
- ASPLENIUM EBERLEI D.E. MEYER - Ber. Deutsch. Bot. Ges. 75:30 (1962)
- It
 ASPLENIUM FISSUM KIT. EX WILLD. - Sp. Pl. ed. 4, 5(1):348 (1810)
 ASPIDIUM CUNEATUM SCHKUHR - Deutschl. Krypt. Gew. 1:198 (1810)
 ASPLENIUM ANGUSTIFOLIUM GUSS. IN TEN. - Fl. Neap. Prodr. App. Quinta 30 (1826)
 ASPLENIUM TENUIFOLIUM GUSS. - Pl. Rar. 377, t. 65 (1826)
 ASPLENIUM TRETENERIANUM JAN - Flora (Regensb.) 18:32 (1835)
 ATHYRIUM CUNEATUM HEUFLER - Verh. Zool.-Bot. Ges. Wien 6:346 (1856)
- Al Au Bu ?Cr Ga Ge Gr He It Ju
 See also:
 ASPLENIUM x LESSINENSE VIDA & REICHST.
- ASPLENIUM FONTANUM (L.) BERNH. IN SCHRADER - Jour. fur die Bot. 1799(1):314 (1799)
 POLYPODIUM FONTANUM L. - Sp. Pl. 1089 (1753)

- ATHYRIUM FONTANUM (L.) ROTH - Arch. Bot. (Roemer) 2(1):105 (1800)
 ATHYRIUM HALLERI ROTH - Arch. Bot. (Roemer) 2(1):105 (1800)
 ASPIDIUM FONTANUM (L.) SWARTZ IN SCHRADER - Jour. fur die Bot. 1800(2):40
 (1801)
 ASPLENIUM LEPTOPHYLLUM LAG., D. GARCIA & CLEMENTE - Anal. Ci. Nat. 5:155
 (1802)
 ASPIDIUM HALLERI (ROTH) WILLD. - Sp. Pl. ed. 4, 5(1):274 (1810)
 ASPLENIUM HALLERI (ROTH) DC. IN LAM. & DC. - Fl. Fr. ed.3, 5:240 (1815)
 ASPLENIUM LANCEOLATUM HUDSON [NON FORSKAL (1775)] SSP. FONTANUM (L.) P.
 FOURN. - Quatre Fl. Fr. 15 (1934)

- ?Au Be Bl ?Cz Ga Ge He Hs Hu It

Morocco

See also:

- ASPLENIUM x CORBARIENSE ROUY
 ASPLENIUM x GASTONII-GAUTIERI LITARD.
 ASPLENIUM x RECODERI AIZPURU & CATALAN

ASPLENIUM FOREZIENSE LE GRAND IN GIRAUD. - Bull. Soc. Dauph. Ech. Pl. 12:501
(1885)

ASPLENIUM HALLERI (ROTH) DC. VAR. FORESIACUM LE GRAND - Bull. Soc. Bot.
Fr. 16:61 (1869)

ASPLENIUM REFRACTUM E. FOURN. - Bull. Soc. Bot. Fr. 28:135 (1881)

ASPLENIUM FORESIENSE LE GRAND EX SUDRE - Rev. Bot. Bull. Mens. 12:29
(1894)

ASPLENIUM FORESIACUM (LE GRAND) CHRIST - Farnkr. Schweiz 84 (1900)

ASPLENIUM FONTANUM (L.) BERNH. SSP. FORESIACUM (LE GRAND) CHRIST - Foug.
Alpes Marit. 14 (1900)

ASPLENIUM LANCEOLATUM HUDSON [NON FORSKAL (1775)] SSP. FORESIACUM (LE
GRAND) MATTIR. IN FIORI & BEGUINOT - Gior. Bot. Ital. nov. ser., 17:565

(1910)

• Be Co Ga Ge He Hs It ?Ju Sa

See also:

- ASPLENIUM x BRISSAGINENSE D.E. MEYER
 ASPLENIUM x COSTEI LITARD.
 ASPLENIUM x PAGESII LITARD.
 ASPLENIUM x RUSCINONENSE A. NIESCHALK, LOVIS & REICHST.
 ASPLENIUM x SLEEPPIAE BADRE & BOUDRIE

ASPLENIUM x GASTONII-GAUTIERI LITARD. - Bull. Acad. Int. Geogr. Bot. 21:274
(1911)

ASPLENIUM x GAUTIERI CHRIST IN BURNAT - Mat. Fl. Alp. Marit. 15 (1900)

• Ga He

Parents:

- ASPLENIUM FONTANUM (L.) BERNH.
 ASPLENIUM VIRIDE HUDSON

ASPLENIUM HEMIONITIS L. - Sp. Pl. 1078 (1753)

ASPLENIUM PALMATUM LAM. - Encycl. Meth. Bot. 2:302 (1786)

SCOLOPENDRIUM PALMATUM SAMP. - Fl. Port. 6 (1909)

PHYLLITIS PALMATA (LAM.) SAMP. - Lista Esp. Herb. Port. 10 (1913)

- Az Hs Lu

Algeria, Morocco

ASPLENIUM HISPANICUM (COSSON) W. GREUTER & BURDET - Willdenowia 10:17 (1980)

GRAMMITIS HISPANICA COSSON - Syn. Fil. 23 & 218, t. 1 f. 6 (1806)

CETERACH HISPANICUM (COSSON) METT. - Fil. Horti Bot. Lips. 80 (1856)

PLEUROSORUS HISPANICUS (COSSON) C.V. MORTON - Bull. Soc. Bot. Fr. 106:233
(1959)

ASPLENIUM NEVADENSE (SALVO) W. GREUTER & BURDET - Willdenowia 10:230
(1980)

PLEUROSORUS NEVADENSIS SALVO - Lazaroa 1:147 (1980)

ASPLENIUM SUBGLANDULOSUM (HOOKER & GREV.) SALVO, PRADA & T.E. DIAZ SSP.

HISPANICUM (COSSON) SALVO, PRADA & T.E. DIAZ - Candollea 37:481 (1982)

PLEUROSORUS POZOI SENSU AUCT. [NON (LAG.) DIELS (1899)] -

- Hs

Algeria, Morocco

ASPLENIUM x HUNGARICUM FRASER-JENKINS & VIDA IN REICHST. - Bot. Helv. 91:118 (1981)

• Hu

Parents:

ASPLENIUM x MURBECKII DORFLER

ASPLENIUM SEPTENTRIONALE (L.) HOFFM. SSP. SEPTENTRIONALE

ASPLENIUM HYBRIDUM (MILDE) BANGE - Bull. Mens. Soc. Linn. Lyon 21:84 (1952)

SCOLOPENDRIUM HYBRIDUM MILDE - Verh. Zool.-Bot. Ges. Wien 14:235 (1864)

PHYLLITIS HYBRIDA (MILDE) C. CHR. - Ind. Fil. 492 (1906)

x CETEROPHYLLITIS HYBRIDA (MILDE) PICHI-SERM. - Webbia 34:208 (1979)

PHYLLITOPSIS HYBRIDA (MILDE) REICHST. - Bot. Helv. 91:107 (1981)

• Ju

ASPLENIUM x JACKSONII (ALSTON) LAVALREE IN ROBYNS - Fl. Gen. Belg. (Pterid.) 179 (1950)

x ASPLENOPHYLLITIS JACKSONII ALSTON - Proc. Linn. Soc. London 152(2):142 (1940)

ASPLENIUM ADIANTUM-NIGRUM L. VAR. MICRODON T. MOORE - Brit. Ferns 2:76, 89 (1860)

• Br Ga

Parents:

ASPLENIUM ADIANTUM-NIGRUM L.

ASPLENIUM SCOLOPENDRIUM L. SSP. SCOLOPENDRIUM

ASPLENIUM JAHANDIEZII (LITARD.) ROUY - Fl. Fr. 14:437 (1913)

ASPLENIUM FONTANUM (L.) BERNH. SSP. JAHANDIEZII LITARD. - Bull. Acad. Int. Geogr. Bot. 21:273 (1911)

• Ga

ASPLENIUM x JAVORKAE KUMMERLE - Magyar Bot. Lapok 21:1 (1923)

• Al Au Cr Ga Hu It Ju

Parents:

ASPLENIUM LEPIDUM C. PRESL

ASPLENIUM RUTA-MURARIA L.

ASPLENIUM x JAVORKAE KUMMERLE NSSP. JAVORKAE -

• Al Au Cr Ga Hu It Ju

Parents:

ASPLENIUM LEPIDUM C. PRESL SSP. LEPIDUM

ASPLENIUM RUTA-MURARIA L. SSP. RUTA-MURARIA

ASPLENIUM x JAVORKAE KUMMERLE NSSP. EGLII (LOVIS & REICHST.) MUNOZ GARM. - Anal. Inst. Bot. Cavanilles 42(1):257 (1985)

ASPLENIUM x EGLII LOVIS & REICHST. - Bot. Helv. 91:116 (1981)

• It

Parents:

ASPLENIUM LEPIDUM C. PRESL SSP. LEPIDUM

ASPLENIUM RUTA-MURARIA L. SSP. DOLOMITICUM LOVIS & REICHST.

ASPLENIUM x KHANIENSE BROWNSEY & JERMY - Candollea 30:22 (1975)

• Cr

Parents:

ASPLENIUM CRETICUM LOVIS, REICHST. & ZAFFRAN

ASPLENIUM TRICHOMANES L. SSP. QUADRIVALENS D.E. MEYER EMEND. LOVIS

ASPLENIUM x KUMMERLEI (VIDA) SOO - Acta Bot. Acad. Sci. Hung. 9:419 (1963)

x ASPLENOPHYLLITIS KUMMERLEI VIDA - Acta Bot. Acad. Sci. Hung. 6:431 (1960)

• Hu

Parents:

ASPLENIUM LEPIDUM C. PRESL SSP. LEPIDUM
 ASPLENIUM SCOLOPENDRIUM L. SSP. SCOLOPENDRIUM

ASPLENIUM LEPIDUM C. PRESL - Verh. Ges. Vaterl. Mus. Bohm. 1836:63 (1836)
 - Al Au Bu Cr Ga Gr Hu It Ju Rm Si

See also:

ASPLENIUM x JAVORKAE KUMMERLE
 ASPLENIUM x STIRIACUM D.E. MEYER EMEND. LOVIS, MELZER & REICHST.

ASPLENIUM LEPIDUM C. PRESL SSP. LEPIDUM -

ASPLENIUM BRACHYPHYLLUM GASPARR. - Rendic. Accad. Sci. (Napoli) 4:108
 (1845)

ASPLENIUM RUTA-MURARIA L. SSP. LEPIDUM (C. PRESL) K. MALY - Verh.
 Zool.-Bot. Ges. Wien 54:171 (1904)

ASPLENIUM LEPIDUM C. PRESL SSP. PULVERULENTUM CHRIST & CHATENIER - Bull.
 Soc. Bot. Fr. 58:348 (1911)

- Al Au Bu Cr Ga Gr Hu It Ju Rm Si

See also:

ASPLENIUM x JAVORKAE KUMMERLE Nssp. JAVORKAE
 ASPLENIUM x JAVORKAE KUMMERLE Nssp. EGLII (LOVIS & REICHST.) MUNOZ GARM.
 ASPLENIUM x KUMMERLEI (VIDA) SOO
 ASPLENIUM x STIRIACUM D.E. MEYER EMEND. LOVIS, MELZER & REICHST. Nssp.
 STIRIACUM
 ASPLENIUM x STIRIACUM D.E. MEYER EMEND. LOVIS, MELZER & REICHST. Nssp.
 APRUTIANUM (LOVIS, MELZER & REICHST.) MUNOZ GARM.

ASPLENIUM LEPIDUM C. PRESL SSP. HAUSSKNECHTII (GODET & REUTER) BROWNSEY -
 Jour. Linn. Soc. London (Bot.) 72:261 (1976)

ASPLENIUM HAUSSKNECHTII GODET & REUTER IN MILDE - Fil. Eur. 78 (1867)

ASPLENIUM HERMANNI-CHRISTII FOMIN IN KUSN., N. BUSCH & FOMIN - Fl. Cauc.
 Crit. 1(1):229 (1913)

- Cr

Anatolia, Lebanon, Syria, S.W. Asia

See also:

ASPLENIUM x REUTERI MILDE

ASPLENIUM x LESSINENSE VIDA & REICHST. - Candollea 26:192 (1971)

• Ge It

Parents:

ASPLENIUM FISSUM KIT. EX WILLD.
 ASPLENIUM VIRIDE HUDSON

ASPLENIUM x LINGELSHEIMII SEYMANN - Osterr. Bot. Zeitschr. 60:280, f. 2 (1910)

ASPLENIUM x PERARDII LITARD., NOM. NUD. - Bull. Soc. Bot. Deux-Sevres
 21:109 (1910)

- ?Au ?Ga

Parents:

ASPLENIUM ADIANTUM-NIGRUM L.
 ASPLENIUM RUTA-MURARIA L. SSP. RUTA-MURARIA

ASPLENIUM x LOBMINGENSE MELZER, LOVIS & REICHST. - Bot. Helv. 91:114 (1981)

• Au

Parents:

ASPLENIUM ADULTERINUM MILDE
 ASPLENIUM RUTA-MURARIA L. SSP. RUTA-MURARIA

ASPLENIUM MACEDONICUM KUMMERLE - Nov. Kozl. 15:145 (1916)

ASPLENIUM BORNMUELLERI KUMMERLE - Nov. Kozl. 19:81 (1921)

• Ju

ASPLENIUM MAJORICUM LITARD. - Bull. Acad. Int. Geogr. Bot. 20:28 (1911)
 ASPLENIUM VALENTINUM PAU - Act. Soc. Esp. Hist. Nat. 1894:174 (1895)
 ASPLENIUM PETRARCHAE (GUERIN) DC. SSP. MAJORICUM (LITARD.) O. BOLOS & VIGO
 - Butll. Inst. Catalana Hist. Nat. 38:64 (1974)

• Bl

See also:

ASPLENIUM x BARRANCENSE (W. BENNERT & D.E. MEYER) PERICIAS & ROSELLO
 ASPLENIUM x ORELLII LOVIS & REICHST.
 ASPLENIUM x SOLLERENSE LOVIS, SLEEP & REICHST.

ASPLENIUM MARINUM L. - Sp. Pl. 1081 (1753)
 - Az Bl Br Co Ga Hb Hs It Lu Me No Sa Si
 Algeria, Morocco, Bermuda, Jamaica

ASPLENIUM x MICRODON (T. MOORE) LOVIS & VIDA - Brit. Fern Gaz. 10:65, f. 14
 (1969)

ASPLENIUM MARINUM L. VAR. MICRODON T. MOORE - Ferns Gr. Brit. sub t. 38
 (1855)
 x ASPLENOPHYLLITIS MICRODON (T. MOORE) ALSTON - Proc. Linn. Soc. London
 152:140, f. 2B (1940)

• Br Ga

Parents:

ASPLENIUM BILLOTII F.W. SCHULTZ
 ASPLENIUM SCOLOPENDRIUM L. SSP. SCOLOPENDRIUM

ASPLENIUM MONANTHES L. - Mantissa 130 (1767)
 - Az
 Africa and Central America

ASPLENIUM x MURARIAEFORME WAISB. - Osterr. Bot. Zeitschr. 49:63 (1899)
 - ?Ge ?Hu

Parents:

ASPLENIUM CUNEIFOLIUM VIV.
 ASPLENIUM RUTA-MURARIA L. SSP. RUTA-MURARIA

ASPLENIUM x MURBECKII DORFLER - Osterr. Bot. Zeitschr. 45:223 (1895)
 ASPLENIUM x SUEVICUM K. BERTSCH EX D.E. MEYER - Ber. Deutsch. Bot. Ges.
 72:40 (1959)

- Au Br Ga Ge He Hs Hu It Lu No Rm Su

Caucasus

Parents:

ASPLENIUM RUTA-MURARIA L. SSP. RUTA-MURARIA
 ASPLENIUM SEPTENTRIONALE (L.) HOFFM. SSP. SEPTENTRIONALE

See also:

ASPLENIUM x HUNGARICUM FRASER-JENKINS & VIDA

ASPLENIUM x NIESCHALKII D.E. MEYER - Ber. Deutsch. Bot. Ges. 76:18 (1963)

• Bl Ga Hs Lu

Parents:

ASPLENIUM PETRARCHAE (GUERIN) DC.
 ASPLENIUM TRICHOMANES L.

ASPLENIUM x NIESCHALKII D.E. MEYER NSSP. NIESCHALKII -

• Ga Hs Lu

Parents:

ASPLENIUM PETRARCHAE (GUERIN) DC. SSP. PETRARCHAE
 ASPLENIUM TRICHOMANES L. SSP. QUADRIVALENS D.E. MEYER EMEND. LOVIS

ASPLENIUM x NIESCHALKII D.E. MEYER NSSP. LITARDIEREI (W. BENNERT & D.E. MEYER)
 MUNOZ GARM. - Anal. Inst. Bot. Cavanilles 42(1):257 (1985)

ASPLENIUM x LITARDIEREI W. BENNERT & D.E. MEYER - Ber. Deutsch. Bot. Ges.
 87:22 (1974)

• B1

Parents:

ASPLENIUM PETRARCHAE (GUERIN) DC. SSP. PETRARCHAE
 ASPLENIUM TRICHOMANES L. SSP. INEXPECTANS LOVIS

ASPLENIUM OBOVATUM VIV. - Fl. Lib. 68 (1824)

ASPLENIUM LANCEOLATUM HUDSON [NON FORSKAL (1775)] SSP. OBOVATUM (VIV.)

CHRIST - Foug. Alpes Marit. 13 (1900)

ASPLENIUM LANCEOLATUM SENSU AUCT. [NON HUDSON (1778)] -

- ?B1 Co Cr Ga Gr ?Hs It ?Ju Sa Si Tu

Algeria, Morocco, Islas Canarias, Anatolia

See also:

ASPLENIUM x BOUHARMONTII BADRE & PRELLI

ASPLENIUM x CYRNOSARDOUM H. RASBACH, VIDA & REICHST.

ASPLENIUM ONOPTERIS L. - Sp. Pl. 1081 (1753)

ASPLENIUM ACUTUM WILLD. - Sp. Pl. ed. 4, 5(1):347 (1810)

ASPLENIUM VIRGILII BORY - Exped. Sci. Moree 3(2):289 (1832)

ASPLENIUM ADIANTUM-NIGRUM L. SSP. ONOPTERIS (L.) HEUFLER - Verh.

Zool.-Bot. Ges. Wien 6:310 (1856)

- Al Az ?Be B1 Bu Co Cr Ga Gr Hb He Hs It Ju Lu Po Rm Sa Si Tu

Mediterranean region, Macaronesia

See also:

ASPLENIUM x BOUHARMONTII BADRE & PRELLI

ASPLENIUM x RUSCINONENSE A. NIESCHALK, LOVIS & REICHST.

ASPLENIUM x TICINENSE D.E. MEYER

ASPLENIUM x ORELLII LOVIS & REICHST. - Ber. Schweiz. Bot. Ges. 79:339 (1970)

• B1

Parents:

ASPLENIUM MAJORICUM LITARD.

ASPLENIUM TRICHOMANES L. SSP. QUADRIVALENS D.E. MEYER EMEND. LOVIS

ASPLENIUM x PAGESII LITARD. - Bull. Acad. Int. Geogr. Bot. 20:204 (1910)

ASPLENIUM x REFRACTUM T. MOORE - Brit. Ferns 2:65, 66 (1860)

ASPLENIUM x GUICHARDII LITARD. - Bull. Acad. Int. Geogr. Bot. 21:76 (1911)

ASPLENIUM x VERBANENSE TAVEL - Ber. Schweiz. Bot. Ges. 29:165 (1920)

• Ga He Hs

Parents:

ASPLENIUM FOREZIENSE LE GRAND

ASPLENIUM TRICHOMANES L. SSP. QUADRIVALENS D.E. MEYER EMEND. LOVIS

ASPLENIUM PETRARCHAE (GUERIN) DC. IN LAM. & DC. - Fl. Fr. ed. 3, 5:238 (1815)

ASPLENIUM GLANDULOSUM LOISEL., NOM. ILLEGIT. - Not. Pl. Fr. 145 (1810)

ASPLENIUM VALLIS-CLAUSAE GUERIN - Descr. Vaucl. ed. 2, 239 (1813)

ASPLENIUM PILOSUM GUSS. - Fl. Sic. Syn. 2(2):661 (1844)

- ?Al B1 Co Ga Gr Hs It Ju Lu Sa Si

Tunisia, Algeria, Morocco

See also:

ASPLENIUM x NIESCHALKII D.E. MEYER

ASPLENIUM PETRARCHAE (GUERIN) DC. SSP. PETRARCHAE -

POLYPODIUM PETRARCHAE GUERIN - Descr. Vaucl. ed. 1, 124 (1804)

- ?Al B1 Co Ga Gr Hs It Ju Lu Sa Si

Tunisia, Algeria, Morocco

See also:

ASPLENIUM x NIESCHALKII D.E. MEYER NSSP. NIESCHALKII

ASPLENIUM x NIESCHALKII D.E. MEYER NSSP. LITARDIEREI (W. BENNERT & D.E. MEYER) MUNOZ GARM.

ASPLENIUM x SOLLERENSE LOVIS, SLEEP & REICHST.

ASPLENIUM PETRARCHAE (GUERIN) DC. SSP. BIVALENS (D.E. MEYER) LOVIS & REICHST.
- Ber. Schweiz. Bot. Ges. 79:336 (1969)

ASPLENIUM GLANDULOSUM LOISEL., NOM. ILLEGIT. SSP. BIVALENS D.E. MEYER -
Ber. Deutsch. Bot. Ges. 77:7 (1964)

ASPLENIUM GLANDULOSOIDES A. & D. LOVE - Taxon 26:326 (1974)

• Hs

ASPLENIUM x POSCHARSKYANUM (H. HOFMANN) PREISMANN - Mitt. Naturw. Ver.
Steierm. 33:179 (1896)

ASPLENIUM VIRIDE HUDSON SSP. ADULTERINUM (MILDE) H. HOFMANN VAR.

POSCHARSKYANUM H. HOFMANN - Allgem. Bot. Zeitschr. 1(12):234 (1895)

• Au It

Parents:

ASPLENIUM ADULTERINUM MILDE SSP. ADULTERINUM

ASPLENIUM VIRIDE HUDSON

ASPLENIUM x RECODERI AIZPURU & CATALAN - Anal. Inst. Bot. Cavanilles 42(2):531
(1986)

• Hs

Parents:

ASPLENIUM FONTANUM (L.) BERNH.

ASPLENIUM RUTA-MURARIA L. SSP. RUTA-MURARIA

ASPLENIUM x REUTERI MILDE - Fil. Eur. 62 (1867)

- ?Cr

Anatolia

Parents:

ASPLENIUM LEPIDUM C. PRESL SSP. HAUSSKNECHTII (GODET & REUTER) BROWNSEY

ASPLENIUM TRICHOMANES L. SSP. QUADRIVALENS D.E. MEYER EMEND. LOVIS

ASPLENIUM x RUSCINONENSE A. NIESCHALK, LOVIS & REICHST. - Ber. Schweiz. Bot.
Ges. 91:115 (1981)

• Ga ?He

Parents:

ASPLENIUM FOREZIENSE LE GRAND

ASPLENIUM ONOPTERIS L.

ASPLENIUM RUTA-MURARIA L. - Sp. Pl. 1081 (1753)

ASPLENIUM RUTA-MURARIA L. VAR. ELATUM A.F. LANG - Syll. Pl. Nov.

Ratisbon. (Konigl. Baier. Bot. Ges.) 1:188 (1824)

ASPLENIUM RUTA-MURARIA L. VAR. ELLIPTICUM CHRIST - Hedwigia 42:161 (1903)

ASPLENIUM RUTA-MURARIA L. VAR. LANCEOLUM CHRIST - Hedwigia 42:162 (1903)

ASPLENIUM RUTA-MURARIA L. SSP. ELATUM (A.F. LANG) PODPERA - Prace Morav.

Prir. Spolecn. 1(7):456 (1924)

ASPLENIUM RUTA-MURARIA L. SSP. ELLIPTICUM (CHRIST) PODPERA - Prace Morav.

Prir. Spolecn. 1(7):457 (1924)

ASPLENIUM RUTA-MURARIA L. SSP. LANCEOLUM (CHRIST) PODPERA - Prace Morav.

Prir. Spolecn. 1(7):457 (1924)

- Al Au Be Bl Br Bu Co Cr Cz Da Fe Ga Ge Gr Hb He Ho Hs Hu It Ju Lu No Po Rm

Rs:B Rs:C Rs:E Rs:K Rs:N Rs:W Sa Si Su Tu

Temperate Northern Hemisphere

See also:

ASPLENIUM x JAVORKAE KUMMERLE

ASPLENIUM RUTA-MURARIA L. SSP. RUTA-MURARIA -

ASPLENIUM MURORUM LAM. - Fl. Fr. 1:28 (1779)

ASPLENIUM MURARIA BERNH. IN SCHRADER - Jour. fur die Bot. 1799(1):311
(1799)

SCOLOPENDRIUM RUTA-MURARIA (L.) ROTH - Tent. Fl. Germ. 3(1):52 (1799)

ACROSTICHUM RUTA-MURARIA (L.) LAM. - Encycl. Meth. Bot. suppl. 4(2):730
(1816)

ASPLENIUM MATTHIOLI GASPARR. - Progr. Sci. (Napoli) 4:161 (1833)
 ASPLENIUM MULTICAULE C. PRESL - Verh. Ges. Vaterl. Mus. Bohm. 1836:65
 (1836)

AMESIUM RUTA-MURARIA (L.) NEWMAN - Hist. Brit. Ferns ed. 2, 10 (1844)

TARACHIA RUTA-MURARIA (L.) C. PRESL - Epimel. Bot. 81 (1849)

ASPLENIUM RUTA-MURARIA L. SSP. TYPICUM G. GRINT. IN SAVUL. - Fl. Rep.
 Pop. Romane 1:634 (1952)

ASPLENIUM RUTA-MURARIA L. SSP. GRAMMITIOIDES G. GRINT. IN SAVUL. - Fl.
 Rep. Pop. Romane 1:634 (1952)

ASPLENIUM RUTA-MURARIA L. SSP. PONTICUM G. GRINT. IN SAVUL. - Fl. Rep.
 Pop. Romane 1:635 (1952)

- Al Au Be Bl Br Bu Co Cr Cz Da Fe Ga Ge Gr Hb He Ho Hs Hu It Ju Lu No Po Rm
 Rs:B Rs:C Rs:E Rs:K Rs:N Rs:W Sa Si Su Tu

See also:

ASPLENIUM x BADENSE (D.E. MEYER) JERMY

ASPLENIUM x CLERMONTAE SYME

ASPLENIUM x JAVORKAE KUMMERLE NSSP. JAVORKAE

ASPLENIUM x LINGELSHEIMII SEYMANN

ASPLENIUM x LOBMINGENSE MELZER, LOVIS & REICHST.

ASPLENIUM x MURARIAEFORME WAISB.

ASPLENIUM x MURBECKII DORFLER

ASPLENIUM x RECODERI AIZPURU & CATALAN

ASPLENIUM RUTA-MURARIA L. NSSP. BALDENSE (SLEEP, VIDA & REICHST.) MUNOZ
 GARM.

ASPLENIUM RUTA-MURARIA L. NSSP. BALDENSE (SLEEP, VIDA & REICHST.) MUNOZ GARM.

- Anal. Inst. Bot. Cavanilles 42(1):257 (1985)

ASPLENIUM x BALDENSE SLEEP, VIDA & REICHST. - Bot. Helv. 91:116 (1981)

ASPLENIUM x MEYERI ROTHM., NOM. NUD. - Exkurs.-Fl. Krit. Erganz. 5 (1963)

• Au Ge It Ju

Parents:

ASPLENIUM RUTA-MURARIA L. SSP. RUTA-MURARIA

ASPLENIUM RUTA-MURARIA L. SSP. DOLOMITICUM LOVIS & REICHST.

ASPLENIUM RUTA-MURARIA L. SSP. DOLOMITICUM LOVIS & REICHST. - Brit. Fern Gaz.
 9(5):143 (1964)

ASPLENIUM DOLOMITICUM (LOVIS & REICHST.) A. & D. LOVE - Preslia 46:125
 (1974)

• Al Au Bu Ga ?Ge ?He It Ju

See also:

ASPLENIUM x JAVORKAE KUMMERLE NSSP. EGLII (LOVIS & REICHST.) MUNOZ GARM.

ASPLENIUM RUTA-MURARIA L. NSSP. BALDENSE (SLEEP, VIDA & REICHST.) MUNOZ
 GARM.

ASPLENIUM SAGITTATUM (DC.) BANGE - Bull. Mens. Soc. Linn. Lyon 21:84 (1952)

SCOLOPENDRIUM SAGITTATUM DC. IN LAM. & DC. - Fl. Fr. ed. 3, 5:238 (1815)

ASPLENIUM HEMIONITIS SWARTZ [NON L. (1753)] IN SCHRADER - Jour. fur die
 Bot. 1800(2):50 (1801)

SCOLOPENDRIUM HEMIONITIS (SWARTZ) LAG., D. GARCIA & CLEMENTE - Anal. Ci.
 Nat. 5:150 (1802)

SCOLOPENDRIUM BREVE BERTOL. - Misc. Bot. 18:20, t. 5 (1857)

PHYLLITIS HEMIONITIS (SWARTZ) O. KUNTZE - Revis. Gen. 1:818 (1891)

PHYLLITIS SAGITTATA (DC.) GUINEA & HEYWOOD - Collect. Bot. (Barcelona)
 4(2):246 (1954)

- Bl Co ?Cr Ga Gr Hs It Ju Me Sa Si

Mediterranean region

ASPLENIUM x SARNIENSE SLEEP - Brit. Fern Gaz. 10(4):210 (1971)

ASPLENIUM TROJANII LITARD., NOM. CONFUSUM - Ann. Soc. Linn. Lyon 70:127
 (1924)

• Co Ga

Parents:

ASPLENIUM ADIANTUM-NIGRUM L.
ASPLENIUM BILLOTII F.W. SCHULTZ

ASPLENIUM SCOLOPENDRIUM L. - Sp. Pl. 1079 (1753)

- Al Au Az Be Bl Br Bu Co Cr Cz Da Ga Ge Gr Hb He Ho Hs Hu It Ju Lu Me No Po Rm
Rs:K Rs:W Sa Si Su Tu

ASPLENIUM SCOLOPENDRIUM L. SSP. SCOLOPENDRIUM -

PHYLLITIS VULGARIS HILL - Brit. Herbal 525 (1756)

SCOLOPENDRIUM VULGARE SM. - Mem. Acad. Sci. (Turin) 5:421, t. 9, f. 2
(1793)

SCOLOPENDRIUM PHYLLITIS ROTH - Tent. Fl. Germ. 3(1):46 (1799)

SCOLOPENDRIUM OFFICINARUM SWARTZ IN SCHRADER - Jour. fur die Bot.
1800(2):61 (1801)

SCOLOPENDRIUM LINGUA CAV. - Descr. Pl. 253 (1802)

SCOLOPENDRIUM OFFICINALE DC. IN LAM. & DC. - Fl. Fr. ed. 3, 2:552 (1805)

PHYLLITIS SCOLOPENDRIUM (L.) NEWMAN - Hist. Brit. Ferns ed. 2, 10 (1844)

SCOLOPENDRIUM SCOLOPENDRIUM (L.) KARSTEN - Deutsche Fl. 278 (1881)

- Al Au Az Be Bl Br Bu Co Cz Da Ga Ge Gr Hb He Ho Hs Hu It Ju Lu Me No Po Rm
Rs:K Rs:W Sa Si Su Tu

Temperate N. Hemisphere, Mediterranean region

See also:

ASPLENIUM x CONFLUENS (T. MOORE EX LOWE) LAVALREE

ASPLENIUM x JACKSONII (ALSTON) LAVALREE

ASPLENIUM x KUMMERLEI (VIDA) SOO

ASPLENIUM x MICRODON (T. MOORE) LOVIS & VIDA

ASPLENIUM SCOLOPENDRIUM L. SSP. ANTRI-JOVIS (KUMMERLE) BROWNSEY & JERMY -
Brit. Fern Gaz. 10:346 (1973)

BIROPTERIS ANTRI-JOVIS KUMMERLE - Magyar Bot. Lapok 19:2 (1922)

PHYLLITIS ANTRI-JOVIS (KUMMERLE) W. SEITZ - Jahrb. Ver. Schutz Bergwelt
43:199 (1978)

PHYLLITIS SCOLOPENDRIUM (L.) NEWMAN SSP. ANTRI-JOVIS (KUMMERLE) SOO -
Acta Bot. Acad. Sci. Hung. 23:375 (1978)

- Br Cr Gr

Anatolia

ASPLENIUM SEELOSII LEYBOLD - Flora (Regensb.) 38:348 (1855)

- Au Ga Ge Hs It Ju

Morocco

ASPLENIUM SEELOSII LEYBOLD SSP. SEELOSII -

ACROPTERIS SEELOSII (LEYBOLD) HEUFLER - Verh. Zool.-Bot. Ges. Wien 6:345
(1856)

• Au Ge It Ju

See also:

ASPLENIUM x VALGANNENSE ATTINGER

ASPLENIUM SEELOSII LEYBOLD SSP. GLABRUM (LITARD. & MAIRE) ROTHM. IN CADEVALL &
FONT QUER - Fl. Catalunya 6:339 (1937)

ASPLENIUM SEELOSII LEYBOLD VAR. GLABRUM LITARD. & MAIRE - Bull. Soc. Sci.
Nat. Maroc 8:143 (1929)

ASPLENIUM CELTIBERICUM RIVAS MARTINEZ - Bull. Jard. Bot. Bruxelles 37:329
(1967)

ASPLENIUM SEELOSII LEYBOLD SSP. GLABRUM (LITARD. & MAIRE) ROTHM. VAR.
CATALAUNICUM O. BOLOS & VIGO - Butll. Inst. Catalana Hist. Nat. 38 64
(1974)

ASPLENIUM SEELOSII LEYBOLD SSP. CATALAUNICUM (O. BOLOS & VIGO) P. MONTS.
- Anal. Inst. Bot. Cavanilles 32(2):399 (1975)

ASPLENIUM SEELOSII LEYBOLD SSP. CELTIBERICUM (RIVAS MARTINEZ) P. MONTS. -
Anal. Inst. Bot. Cavanilles 32(2):399 (1975)

ASPLENIUM BOLOSII RIVAS MARTINEZ, M. COSTA, IZCO & C. SAENZ [PRO HYBR.] -
Lazaroa 3:47 (1981)

- Ga Hs
Morocco

ASPLENIUM SEPTENTRIONALE (L.) HOFFM. - Deutschl. Fl. (Krypt.) 12 (1795)
- Al Au Be Br Bu Co Cz Da Fe Ga Ge Gr Hb He Hs Hu Is It Ju Lu No Po Rm Rs:B
Rs:C Rs:É Rs:K Rs:N Rs:W Sa Si Su Tu
W. & C. Asia, N. America, Morocco, Macaronesia

See also:

ASPLENIUM x ALTERNIFOLIUM WULFEN

ASPLENIUM SEPTENTRIONALE (L.) HOFFM. SSP. SEPTENTRIONALE -
ACROSTICHUM SEPTENTRIONALE L. - Sp. Pl. 1068 (1753)
SCOLOPENDRIUM SEPTENTRIONALE (L.) ROTH - Arch. Bot. (Roemer) 2(1):105
(1799)

ASPLENIUM BIFURCATUM OPIZ - Kratos 4 (1819)

- Al Au Be Br Bu Co Cz Da Fe Ga Ge Gr Hb He Hs Hu Is It Ju Lu No Po Rm Rs:B
Rs:C Rs:E Rs:K Rs:N Rs:W Sa Si Su Tu

See also:

ASPLENIUM x ALTERNIFOLIUM WULFEN Nssp. ALTERNIFOLIUM

ASPLENIUM x ALTERNIFOLIUM WULFEN Nssp. HEUFLERI (REICHARDT) AIZPURU,
CATALAN & SALVO

ASPLENIUM x CONTREI CALLE, LOVIS & REICHST.

ASPLENIUM x COSTEI LITARD.

ASPLENIUM x HUNGARICUM FRASER-JENKINS & VIDA

ASPLENIUM x MURBECKII DORFLER

ASPLENIUM x SOUCHEI LITARD.

ASPLENIUM x SLEEPYIAE BADRE & BOUDRIE IN BADRE, BOUDRIE, PRELLI & SCHNELLER -
Bull. Mus. Nat. Hist. Nat. (Paris) 4(3):477 (1981)

• Ga

Parents:

ASPLENIUM BILLOTII F.W. SCHULTZ

ASPLENIUM FOREZIENSE LE GRAND

ASPLENIUM x SOLLERENSE LOVIS, SLEEP & REICHST. - Ber. Schweiz. Bot. Ges.
79:370 (1970)

• Bl

Parents:

ASPLENIUM MAJORICUM LITARD.

ASPLENIUM PETRARCHAE (GUERIN) DC. SSP. PETRARCHAE

ASPLENIUM x SOUCHEI LITARD. - Bull. Soc. Bot. Deux-Sevres 1909:100 (1910)

• Ga

Parents:

ASPLENIUM BILLOTII F.W. SCHULTZ

ASPLENIUM SEPTENTRIONALE (L.) HOFFM. SSP. SEPTENTRIONALE

ASPLENIUM x STIRIACUM D.E. MEYER EMEND. LOVIS, MELZER & REICHST. - Bauhinia
3:88 (1966)

ASPLENIUM x STIRIACUM D.E. MEYER, NOM. AMBIG. - Ber. Deutsch. Bot. Ges.
75:29, f. 2 (1962)

• Au Cr Hu It

Parents:

ASPLENIUM LEPIDUM C. PRESL

ASPLENIUM TRICHOMANES L.

ASPLENIUM x STIRIACUM D.E. MEYER EMEND. LOVIS, MELZER & REICHST. Nssp.
STIRIACUM -

• Au

Parents:

ASPLENIUM LEPIDUM C. PRESL SSP. LEPIDUM

ASPLENIUM TRICHOMANES L. SSP. INEXPECTANS LOVIS

ASPLENIUM x STIRIACUM D.E. MEYER EMEND. LOVIS, MELZER & REICHST. Nssp.
 APRUTIANUM (LOVIS, MELZER & REICHST.) MUNOZ GARM. - Anal. Inst. Bot.
 Cavanilles 42(1):257 (1985)

ASPLENIUM x APRUTIANUM LOVIS, MELZER & REICHST. - Bauhinia 3:89 (1966)

• Au Cr Hu It

Parents:

ASPLENIUM LEPIDUM C. PRESL Ssp. LEPIDUM

ASPLENIUM TRICHOMANES L. Ssp. QUADRIVALENS D.E. MEYER EMEND. LOVIS

ASPLENIUM x TICINENSE D.E. MEYER - Ber. Deutsch. Bot. Ges. 73:391 (1961)

• Co Hb He

Parents:

ASPLENIUM ADIANTUM-NIGRUM L.

ASPLENIUM ONOPTERIS L.

ASPLENIUM TRICHOMANES L. - Sp. Pl. 1080 (1753)

- Al Au Az Be Bl Br Bu Co Cr Cz Da Fa Fe Ga Ge Gr Hb He Ho Hs Hu Is It Ju Lu Me
 No Po Rm Rs:B Rs:C Rs:E Rs:K Rs:N Rs:W Sa Si Su Tu

Cosmopolitan

See also:

ASPLENIUM x ALTERNIFOLIUM WULFEN

ASPLENIUM x BAVARICUM D.E. MEYER

ASPLENIUM x CORBARIENSE ROUY

ASPLENIUM x NIESCHALKII D.E. MEYER

ASPLENIUM x STIRIACUM D.E. MEYER EMEND. LOVIS, MELZER & REICHST.

ASPLENIUM x TRICHOMANIFORME WOYNAR

ASPLENIUM TRICHOMANES L. Ssp. TRICHOMANES -

ASPLENIUM MELANOCAULON WILLD. - Enum. Pl. Horti Berol. 1072 (1809)

ASPLENIUM TRICHOMANES L. Ssp. BIVALENS D.E. MEYER - Ber. Deutsch. Bot.
 Ges. 74:456 (1962)

ASPLENIUM LINNAEI SOO EX H.P. FUCHS - Acta Bot. Acad. Sci. Hung. 9:20
 (1963)

ASPLENIUM TRICHOMANES L. EMEND. ROTHM. - Exkurs.-Fl. Krit. Erganz. 5
 (1963)

ASPLENIUM TRICHOMANIFORME H.P. FUCHS [PRO HYBR.] [NON WOYNAR (1913)] -
 Acta Bot. Acad. Sci. Hung. 9:19 (1963)

- ?Al Au ?Bl Br Bu Co Cr Cz Fe Ga Ge Gr Hb He Hs ?Hu It Ju No Po Rm Rs:C Rs:K
 Rs:N Sa Si Su

Asia, N. America, Australasia, Macaronesia

See also:

ASPLENIUM x ALTERNIFOLIUM WULFEN Nssp. ALTERNIFOLIUM

ASPLENIUM x BAVARICUM D.E. MEYER Nssp. PROTOADULTERINUM (LOVIS & REICHST.)
 MUNOZ GARM.

ASPLENIUM x DOLOSUM MILDE

ASPLENIUM TRICHOMANES L. Nssp. LUSATICUM (D.E. MEYER) LAWALREE

ASPLENIUM x TRICHOMANIFORME WOYNAR Nssp. TRICHOMANIFORME

ASPLENIUM x WACHAVIENSE ASCHERSON & GRAEBNER

ASPLENIUM TRICHOMANES L. Ssp. INEXPECTANS LOVIS - Brit. Fern Gaz. 9:155 (1964)

ASPLENIUM TRICHOMANES L. Ssp. INEXPECTATA JANCHEN - Cat. Fl. Austr. 3:11
 (1966)

ASPLENIUM MELANOCAULON WILLD. Ssp. INEXPECTANS (LOVIS) A. & D. LOVE -
 Preslia 46:126 (1974)

• Au Bl Cr Cz Ga Gr ?It Ju Rs:K Su

See also:

ASPLENIUM x BAVARICUM D.E. MEYER Nssp. ADULTERINIFORME (LOVIS, MELZER &
 REICHST.) MUNOZ GARM.

ASPLENIUM x NIESCHALKII D.E. MEYER Nssp. LITARDIEREI (W. BENNETT & D.E.
 MEYER) MUNOZ GARM.

ASPLENIUM x STIRIACUM D.E. MEYER EMEND. LOVIS, MELZER & REICHST. Nssp.
STIRIACUM

ASPLENIUM TRICHOMANES L. Nssp. LUSATICUM (D.E. MEYER) LAVALREE IN DE LANGHE,
DELVOSALLE, J. DUVIGN., LAMBINON & VANDEN BERGHEN - Nouv. Fl. Belg. ed. 2,
829 (1978)

ASPLENIUM x LUSATICUM D.E. MEYER - Ber. Deutsch. Bot. Ges. 71:16 (1958)

ASPLENIUM x SAXONICUM ROTHM., NOM. NUD. - Exkurs.-Fl. Krit. Erganz. 5
(1963)

- Ga Ge He Hs It Ju Lu Po

N. America

Parents:

ASPLENIUM TRICHOMANES L. Ssp. TRICHOMANES

ASPLENIUM TRICHOMANES L. Ssp. QUADRIVALENS D.E. MEYER EMEND. LOVIS

ASPLENIUM TRICHOMANES L. Ssp. PACHYRACHIS (CHRIST) LOVIS & REICHST. -
Willdenowia 10:18 (1980)

ASPLENIUM TRICHOMANES L. LUSUS HAROVII MILDE SUBLUSUS PACHYRACHIS CHRIST
- Farnkr. Schweiz 1(2):92 (1900)

ASPLENIUM HAROVII GODRON, NOM. CONFUSUM - Proc. Linn. Soc. London 1:159
(1842)

ASPLENIUM CSIKII KUMMERLE & ANDRASOVSKY - Magyar Bot. Lapok 21:3 (1922)

• Al Au Cr Cz Ga Ge Gr He Hs It Ju ?Rm Si

See also:

ASPLENIUM TRICHOMANES L. Nssp. STAUFFERI LOVIS & REICHST.

ASPLENIUM TRICHOMANES L. Ssp. QUADRIVALENS D.E. MEYER EMEND. LOVIS - Brit.
Fern Gaz. 9:152 (1964)

ASPLENIUM TRICHOMANES L. Ssp. QUADRIVALENS D.E. MEYER, NOM. AMBIG. - Ber.
Deutsch. Bot. Ges. 74:456 (1962)

ASPLENIUM LOVISII ROTHM., NOM. NUD. - Exkurs.-Fl. Krit. Erganz. 5 (1963)

ASPLENIUM TRICHOMANES SENSU H.P. FUCHS [NON L. (1753)] - Acta Bot. Acad.
Sci. Hung. 9:20 (1963)

ASPLENIUM TRICHOMANES L. Ssp. LOVISII ROTHM. - Feddes Repert. 67:11 (1963)

- Al Au Az Be Bl Br Bu Co Cr Cz Da Fa Fe Ga Ge Gr Hb He Ho Hs Hu Is It Ju Lu Me
No Po Rm Rs:B Rs:C Rs:E Rs:K Rs:N Rs:W Sa Si Su Tu

Asia, N. America, Australasia, N.W. Africa

See also:

ASPLENIUM x ALTERNIFOLIUM WULFEN Nssp. HEUFLERI (REICHARDT) AIZPURU,
CATALAN & SALVO

ASPLENIUM x BAVARICUM D.E. MEYER Nssp. BAVARICUM

ASPLENIUM x CLERMONTAE SYME

ASPLENIUM x CONFLUENS (T. MOORE EX LOWE) LAVALREE

ASPLENIUM x KHANIENSE BROWNSEY & JERMY

ASPLENIUM x NIESCHALKII D.E. MEYER Nssp. NIESCHALKII

ASPLENIUM x ORELLII LOVIS & REICHST.

ASPLENIUM x PAGESII LITARD.

ASPLENIUM x REUTERI MILDE

ASPLENIUM x STIRIACUM D.E. MEYER EMEND. LOVIS, MELZER & REICHST. Nssp.

APRUTIANUM (LOVIS, MELZER & REICHST.) MUNOZ GARM.

ASPLENIUM TRICHOMANES L. Nssp. LUSATICUM (D.E. MEYER) LAVALREE

ASPLENIUM TRICHOMANES L. Nssp. STAUFFERI LOVIS & REICHST.

ASPLENIUM x TRICHOMANIFORME WOYNAR Nssp. CALCICOLUM H. RASBACH & REICHST.

ASPLENIUM x TRICHOMANIFORME WOYNAR Nssp. PRAETERMISSUM (LOVIS, MELZER &
REICHST.) MUNOZ GARM.

ASPLENIUM x VALGANNENSE ATTINGER

ASPLENIUM TRICHOMANES L. Nssp. STAUFFERI LOVIS & REICHST. - Willdenowia 15:193
(1985)

• Cz Ga Ge He

Parents:

ASPLENIUM TRICHOMANES L. Ssp. PACHYRACHIS (CHRIST) LOVIS & REICHST.

ASPLENIUM TRICHOMANES L. Ssp. QUADRIVALENS D.E. MEYER EMEND. LOVIS

ASPLENIUM x TRICHOMANIFORME WOYNAR - Mitt. Naturw. Ver. Steierm. 49:153 (1913)
 • Au It No

Parents:

ASPLENIUM ADULTERINUM MILDE
 ASPLENIUM TRICHOMANES L.

ASPLENIUM x TRICHOMANIFORME WOYNAR Nssp. TRICHOMANIFORME -
 ASPLENIUM x SAMUELSSONII LID - Norsk Fl. 8 (1944)

• Au No

Parents:

ASPLENIUM ADULTERINUM MILDE Ssp. ADULTERINUM
 ASPLENIUM TRICHOMANES L. Ssp. TRICHOMANES

ASPLENIUM x TRICHOMANIFORME WOYNAR Nssp. CALCICOLUM H. RASBACH & REICHST. IN
 MOKRY, H. RASBACH & REICHST. - Bot. Helv. 96(1):14 (1986)

• It

Parents:

ASPLENIUM ADULTERINUM MILDE Ssp. PRESOLANENSE MOKRY, H. RASBACH & REICHST.
 ASPLENIUM TRICHOMANES L. Ssp. QUADRIVALENS D.E. MEYER EMEND. LOVIS

ASPLENIUM x TRICHOMANIFORME WOYNAR Nssp. PRAETERMISSUM (LOVIS, MELZER &
 REICHST.) MUNOZ GARM. - Anal. Inst. Bot. Cavanilles 42(1):257 (1985)

ASPLENIUM x PRAETERMISSUM LOVIS, MELZER & REICHST. - Bot. Helv. 91:114
 (1981)

• Au It

Parents:

ASPLENIUM ADULTERINUM MILDE Ssp. ADULTERINUM
 ASPLENIUM TRICHOMANES L. Ssp. QUADRIVALENS D.E. MEYER EMEND. LOVIS

ASPLENIUM x VALGANNENSE ATTINGER - Ber. Schweiz. Bot. Ges. 75:94, f. 1 (1966)

• It

Parents:

ASPLENIUM SEELOSII LEYBOLD Ssp. SEELOSII
 ASPLENIUM TRICHOMANES L. Ssp. QUADRIVALENS D.E. MEYER EMEND. LOVIS

ASPLENIUM VIRIDE HUDSON - Fl. Angl. 385 (1762)

ASPLENIUM TRICHOMANES-RAMOSUM L. - Sp. Pl. 1082 (1753)

ASPLENIUM INTERMEDIUM C. PRESL - Del. Prag. 1:232 (1822)

- Al Au Be Br Bu Co Cr Cz Fe Ga Ge Gr Hb He Ho Hs Hu Is It Ju No Po Rm Rs:C
 Rs:E Rs:K Rs:N Rs:W Su

Asia, N. America, Morocco

See also:

ASPLENIUM x BAVARICUM D.E. MEYER

ASPLENIUM x BAVARICUM D.E. MEYER Nssp. BAVARICUM

ASPLENIUM x BAVARICUM D.E. MEYER Nssp. ADULTERINIFORME (LOVIS, MELZER &
 REICHST.) MUNOZ GARM.

ASPLENIUM x BAVARICUM D.E. MEYER Nssp. PROTOADULTERINUM (LOVIS & REICHST.)
 MUNOZ GARM.

ASPLENIUM x GASTONII-GAUTIERI LITARD.

ASPLENIUM x LESSINENSE VIDA & REICHST.

ASPLENIUM x POSCHARSKYANUM (H. HOFMANN) PREISMANN

ASPLENIUM x WOYNARIANUM ASCHERSON & GRAEBNER

ASPLENIUM x WACHAVIENSE ASCHERSON & GRAEBNER - Syn. Mitteleur. Fl. ed. 2,
 1:125 (1912)

ASPLENIUM CUNEIFOLIUM SENSU CHRIST - Allgem. Bot. Zeitschr. 9:29 (1904)

• ?Au

Parents:

ASPLENIUM CUNEIFOLIUM VIV.

ASPLENIUM TRICHOMANES L. Ssp. TRICHOMANES

ASPLENIUM x WOYNARIANUM ASCHERSON & GRAEBNER - Syn. Mitteleur. Fl. ed. 2, 1:126 (1912)

• Au Ge

Parents:

ASPLENIUM CUNEIFOLIUM VIV.

ASPLENIUM VIRIDE HUDSON

AZOLLACEAE WETTST.

- Handb. Syst. Bot. 2:77 (1903)

AZOLLA LAM. - Encycl. Meth. Bot. 1:343 (1783)

AZOLLA FILICULOIDES LAM. - Encycl. Meth. Bot. 1:343 (1783)

AZOLLA CAROLINIANA WILLD. - Sp. Pl. ed. 4, 5(1):541 (1810)

- [Be] [Br] [Bu] [Cz] [Ga] [Ge] [Gr] [Hb] [Ho] [Hs] [Hu] [It] [Ju] [Lu] [Rm] [Sa]

Tropical America

BLECHNACEAE (C. PRESL) COPEL.

- Gen. Fil. 155 (1947)

BLECHNUM L. - Sp. Pl. 1077 (1753)

BLECHNUM OCCIDENTALE L. - Sp. Pl. ed. 2, 1524 (1763)

- [Az]

C. & S. America, W. Indies

BLECHNUM SPICANT (L.) ROTH - Ann. Bot. (Usteri) 10:56 (1794)

OSMUNDA SPICANT L. - Sp. Pl. 1066 (1753)

STRUTHIOPTERIS SPICANT (L.) WEIS - Pl. Crypt. Fl. Gott. 286 (1770)

ONOCLEA SPICANT (L.) HOFFM. - Deutschl. Fl. (Krypt.) 11 (1795)

BLECHNUM BOREALE SWARTZ IN SCHRADER - Jour. fur die Bot. 1800(2):75 (1801)

ASPLENIUM SPICANT (L.) BERNH. IN SCHRADER - Jour. fur die Bot. 1801(1):17 (1803)

LOMARIA SPICANT (L.) DESV. - Ges. Naturf. Freunde Berlin Mag. 5:325 (1811)

LOMARIA BOREALIS (SWARTZ) LINK - Enum. Horti Berol. Alt. 2:80 (1822)

HOMOPHYLLUM BLECHNIFORME MERINO - Contr. Fl. Galic. suppl. 1:8 (1898)

BLECHNUM SPICANT (L.) ROTH VAR. HOMOPHYLLUM MERINO EX CHRIST - Bull.

Acad. Int. Geogr. Bot. 13:79 (1904)

BLECHNUM SPICANT (L.) ROTH SSP. HOMOPHYLLUM (MERINO EX CHRIST) MERINO -

Fl. Galic. 3:488 (1909)

BLECHNUM HOMOPHYLLUM (MERINO EX CHRIST) SAMP. - Ann. Sci. Acad. Polyt. Porto 19:66 (1934)

- Al Au Az Be Br Bu Co Cr Cz Da Fa Fe Ga Ge Gr Hb He Ho Hs Hu Is It Ju Lu No Po Rm Rs:B Rs:W Sa Si Su Tu

Asia, N. America, N.W. Africa

DOODIA R. BR. - Prodr. Fl. Nov. Holl. 151 (1810)

DOODIA CAUDATA (CAV.) R. BR. - Prodr. Fl. Nov. Holl. 151 (1810)

WOODWARDIA CAUDATA CAV. - Descr. Pl. ed. 1, 264 (1802)

- [Az]

Australasia, Madeira

WOODWARDIA SM. - Mem. Acad. Sci. (Turin) 5:411 t. 9(3) (1793)

WOODWARDIA RADICANS (L.) SM. - Mem. Acad. Sci. (Turin) 5:412 (1793)

BLECHNUM RADICANS L. - Mantissa Alt. 307 (1771)

- Az Co Cr Hs It Lu Si

Asia, N. America, Macaronesia

CYATHEACEAE KAULFUSS

- Wesen Farrenkr. 119 (1827)

CYATHEA SM. - Mem. Acad. Sci. (Turin) 5:416 (1793)

CYATHEA COOPERI (HOOKER & F. MUELLER) DOMIN - Pterid. 262 (1929)

ALSOPIHILA COOPERI HOOKER & F. MUELLER - Fragm. 5:117 (1866)

SPHAEROPTERIS COOPERI (HOOKER & F. MUELLER) R.M. TRYON JUN. - Contr. Gray

Herb. nov. ser., 200:24 (1970)

- [Az]

Australia

DAVALLIACEAE METT. EX A.B. FRANK

IN LEUNIS - Syn. Pflanzenk. ed. 2, 3:1474 (1877)

DAVALLIA SM. - Mem. Acad. Sci. (Turin) 5:414, t. 9(6) (1793)

DAVALLIA CANARIENSIS (L.) SM. - Mem. Acad. Sci. (Turin) 5:414 (1793)

TRICHOMANES CANARIENSIS L. - Sp. Pl. 1099 (1753)

POLYPODIUM LUSITANICUM L. - Sp. Pl. 1094 (1753)

- Az Hs Lu

Madeira, Islas Canarias, Cape Verde Islands, Morocco

DENNSTAEDTIACEAE PICHI-SERM.

- Webbia 24:704 (1970)

PTERIDIUM GLED. EX SCOP. - Fl. Carn. 169 (1760)

PTERIDIUM AQUILINUM (L.) KUHN IN KERSTEN - Reis. Ost Afr. 3(3):11 (1879)

- Al Au Az Be Bl Br Bu Co Cr Cz Da Fe Ga Ge Gr Hb He Ho Hs Hu It Ju Lu Me No Po

Rm Rs:B Rs:C Rs:E Rs:K Rs:N Rs:W Sa Si Su Tu

Cosmopolitan

PTERIDIUM AQUILINUM (L.) KUHN SSP. AQUILINUM -

PTERIS AQUILINA L. - Sp. Pl. 1075 (1753)

POLYPODIUM AUSTRIACUM JACQ. - Obs. Bot. 1:45 (1764)

ASPLENIUM AQUILINUM (L.) BERNH. IN SCHRADER - Jour. fur die Bot.

1799(2):310 (1800)

EUPTERIS AQUILINA (L.) NEWMAN - Phytologist 2:278 (1845)

CINCINALIS AQUILINA (L.) TREVISAN - Atti Soc. Ital. Sci. Nat. 17:3i (1874)

- PTERIDIUM CEHEGINENSE BARNOLA - Butll. Inst. Catalana Hist. Nat. 8(9):135 (1911)
 - Al Au Az Be Bl Br Bu Co Cr Cz Da Fe Ga Ge Gr Hb He Ho Hs Hu It Ju Lu No Po Rm
 Rs:B Rs:C Rs:E Rs:N Rs:W Sa Si Su Tu
 Cosmopolitan
- PTERIDIUM AQUILINUM (L.) KUHN SSP. BREVIPES (TAUSCH) WULF - Fl. Kryma 1(1):20 (1927)
 PTERIS BREVIPES TAUSCH - Flora (Regensb.) 19(2):427 (1836)
 ALLOSORUS TAURICUS C. PRESL, NOM. NUD. - Tent. Pteridogr. 154 (1836)
 PTERIDIUM TAURICUM (C. PRESL) V. KRECH. EX GROSSH., COMB. INVAL. - Fl. Kavk. ed. 2, 1:35, t. 3(8) (1939)
 - Cr Rs:K
 Caucasus
- PTERIDIUM AQUILINUM (L.) KUHN SSP. HEREDIAE (CLEMENTE EX COLMEIRO) JERMY IN DERRICK, JERMY & PAUL - Sommerfeltia 6:xiii (1987)
 PTERIS HEREDIAE CLEMENTE EX COLMEIRO - Enum. Crypt. Esp. Port. 16 (1867)
 PTERIDIUM HEREDIAE (CLEMENTE EX COLMEIRO) BARNOLA - Butll. Inst. Catalana Hist. Nat. 8(9):135 (1911)
 • Hs ?Ju ?Lu

DICKSONIACEAE (HOOKER) BOWER

- Origin Land Fl. 591 (1908)

- CULCITA C. PRESL - Tent. Pteridogr. 135, t. 5(5) (1836)
- CULCITA MACROCARPA C. PRESL - Tent. Pteridogr. 135 (1836)
 DICKSONIA CULCITA L'HER. - Sert. Angl. 31 (1789)
 - Az Hs [Lu]
 Madeira, Islas Canarias
- DICKSONIA L'HER. - Sert. Angl. 30 (1789)
- DICKSONIA ANTARCTICA LABILL. - Nov. Holl. Pl. 2:100 (1806)
 - [Hb]
 Australasia

DRYOPTERIDACEAE R.-C. CHING

- Acta Phytotax. Sin. 10:1 (1965)

- CYRTOMIUM C. PRESL - Tent. Pteridogr. 86 & t. 2(26) (1836)
- CYRTOMIUM FALCATUM (L. FIL.) C. PRESL - Tent. Pteridogr. 86 (1836)
 POLYPODIUM FALCATUM L. FIL. - Suppl. 446 (1781)
 POLYSTICHUM FALCATUM (L. FIL.) DIELS IN ENGLER & PRANTL - Naturl. Pflanzenfam. 1(4):194 (1899)
 - [Az] [Be] [Br] [Ga] [Hb] [Ho]
 Eastern Asia, Macaronesia
- CYRTOMIUM FORTUNEI J. SM. - Ferns Brit. Foreign 286 (1866)
 POLYSTICHUM FORTUNEI (J. SM.) NAKAI - Bot. Mag. (Tokyo) 39:116 (1925)
 POLYSTICHUM FALCATUM SENSU AUCT. [NON (L. FIL.) DIELS (1899)] -
 - Az [He] [It]

DRYOPTERIS ADANSON - Fam. Pl. 2:20 & 551 (1763)

DRYOPTERIS AEMULA (AITON) O. KUNTZE - Revis. Gen. 2:812 (1891)

POLYPODIUM AEMULUM AITON - Hort. Kew. 3:466 (1789)

ASPIDIUM AEMULUM (AITON) SWARTZ IN SCHRADER - Jour. fur die Bot. 1800(2):42 (1801)

ASPIDIUM DILATATUM (HOFFM.) SM. VAR. RECURVUM BREE - Mag. Nat. Hist. 4:162 (1831)

NEPHRODIUM FOENISECII LOWE - Trans. Cambr. Philos. Soc. 4:7 (1831)

LASTREA RECURVA (BREE) NEWMAN - Nat. Pocket Alm. 1844:23 (1844)

LASTREA FOENISECII (LOWE) H. C. WATSON - Phytologist 2:568 (1846)

LOPHODIUM FOENISECII (LOWE) NEWMAN - Phytologist 4(App.):16 (1851)

LOPHODIUM RECURVUM (BREE) NEWMAN - Phytologist 4:371 (1851)

LASTREA AEMULA (AITON) BRACKENR. - U.S. Expl. Exped. (Filices) 16:200 (1854)

NEPHRODIUM AEMULUM (AITON) BAKER IN HOOKER & BAKER - Syn. Fil. 279 (1867)

POLYSTICHUM AEMULUM (AITON) CORB. - Nouv. Fl. Normand. 676 (1894)

DRYOPTERIS LILIANA GOLITSIN - Feddes Repert. 31:388 (1933)

POLYSTICHUM FOENISECII (LOWE) P. FOURN. - Quatre Fl. Fr. 17 (1934)

- Az Br Ga Hb Hs ?Lu

Anatolia, Madeira, Islas Canarias

See also:

DRYOPTERIS x MARTINSIAE FRASER-JENKINS

DRYOPTERIS x PSEUDOABBREVIATA JERMY

DRYOPTERIS AFFINIS (LOWE) FRASER-JENKINS - Fern Gaz. 12(1):56 (1979)

NEPHRODIUM AFFINE LOWE - Trans. Cambr. Philos. Soc. 6:525 (1838)

POLYPODIUM PALEACEUM BORKH. - Arch. Bot. (Roemer) 1(3):20 (1798)

POLYSTICHUM PALEACEUM (BORKH.) O. SCHWARZ - Mitt. Thur. Bot. Ges. 1:85 (1949)

- Au Az Be Br Bu Co Cz Da Ga Ge Hb He Ho Hs Hu It Ju Lu No Po Rm Rs:K Rs:W Sa Si Tu

Morocco, Macaronesia, W. Asia

See also:

DRYOPTERIS x COMPLEXA FRASER-JENKINS

DRYOPTERIS AFFINIS (LOWE) FRASER-JENKINS SSP. AFFINIS -

ASPIDIUM DISTANS VIV. - Fl. Cors. App. 1:8 (1825)

LASTREA PSEUDO-MAS WOLLASTON - Phytologist ser. 2, 1:172 (1855)

NEPHRODIUM DISTANS (VIV.) CESATI, PASSER. & GIBELLI - Comp. Fl. Ital. 18 (1870)

POLYSTICHUM DISTANS (VIV.) TREVISAN - Atti Soc. Ital. Sci. Nat. 17:19 (1874)

DRYOPTERIS PSEUDOMAS SENSU J. HOLUB & POUZAR PRO PARTE - Folia Geobot. Phytotax. (Praha) 2:332 (1967)

DRYOPTERIS RESENDEANA RESENDE-PINTO - Portug. Acta Biol. 9:320, f. 1-2 (1969)

DRYOPTERIS BORRERI (NEWMAN) NEWMAN EX OBERHOLZER & TAVEL SSP. RESENDEANA (RESENDE-PINTO) MALAGARRIGA - Sin. Fl. Iber. 1-25:65 (1978)

- Au Az Be Br Bu Co Ga Ge Hb He Hs It Ju Lu No Rm Si

Morocco, Macaronesia, W. Asia

See also:

DRYOPTERIS x ARDECHENSIS FRASER-JENKINS

DRYOPTERIS x ASTURIENSIS FRASER-JENKINS & GIBBY

DRYOPTERIS x COMPLEXA FRASER-JENKINS Nssp. COMPLEXA

DRYOPTERIS x FRASER-JENKINSII GIBBY & WIDEN

DRYOPTERIS x PICOENSIS FRASER-JENKINS

DRYOPTERIS AFFINIS (LOWE) FRASER-JENKINS SSP. BORRERI (NEWMAN) FRASER-JENKINS

- Willdenowia 10:110 (1980)

DRYOPTERIS FILIX-MAS (L.) SCHOTT VAR. BORRERI NEWMAN - Hist. Brit. Ferns ed. 3, 189 (1854)

POLYSTICHUM ABBREVIATUM DC. IN LAM. & DC. - Fl. Fr. ed. 3, 2:560 (1805)

ASPIDIUM FILIX-MAS (L.) SWARTZ VAR. STILLUPPENSE SABR. - Osterr. Bot. Zeitschr. 52:144 & 287 (1902)

NEPHRODIUM FILIX-MAS SENSU ROUY RA. ABBREVIATUM (DC.) ROUY - Fl. Fr. 14:407 (1913)

NEPHRODIUM FILIX-MAS SENSU ROUY RA. BORRERI (NEWMAN) ROUY - Fl. Fr. 14:408 (1913)

DRYOPTERIS FILIX-MAS (L.) SCHOTT SSP. BORRERI (NEWMAN) BECHERER & TAVEL - Ber. Schweiz. Bot. Ges. 43:39 (1934)

DRYOPTERIS BORRERI (NEWMAN) NEWMAN EX OBERHOLZER & TAVEL - Verh. Schweiz. Naturf. Ges. 118:153 (1937)

DRYOPTERIS TAVELII ROTHM. [PRO HYBR.] - Candollea 10:92 (1945)

DRYOPTERIS PSEUDOMAS SENSU J. HOLUB & POUZAR PRO PARTE - Folia Geobot. Phytotax. (Praha) 2:332 (1967)

DRYOPTERIS AFFINIS (LOWE) FRASER-JENKINS SSP. ROBUSTA OBERHOLZER & TAVEL EX FRASER-JENKINS - Willdenowia 10:111 (1980)

DRYOPTERIS MEDITERRANEA SENSU AUCT. [NON SENSU FOMIN (1934)] -

DRYOPTERIS PALEACEA SENSU AUCT. -

- Au Be Br Bu Co Cz Da Ga Ge Hb He Ho Hs Hu It Ju Lu No Rm Rs:K ?Si Tu
W. Asia

See also:

DRYOPTERIS x COMPLEXA FRASER-JENKINS NSSP. CRITICA FRASER-JENKINS

DRYOPTERIS AFFINIS (LOWE) FRASER-JENKINS SSP. CAMBRENSIS FRASER-JENKINS IN DERRICK, JERMY & PAUL - Sommerfeltia 6:xi (1987)

DRYOPTERIS AFFINIS (LOWE) FRASER-JENKINS SSP. STILLUPPENSIS SENSU FRASER-JENKINS [NON SABR. (1902)] - Willdenowia 10:112 (1980)

• Au Be Br Bu Co Cz Da Ga Ge Hb Hs It Ju Lu No Po Sa

See also:

DRYOPTERIS x COMPLEXA FRASER-JENKINS NSSP. CONTORTA FRASER-JENKINS

DRYOPTERIS AFFINIS (LOWE) FRASER-JENKINS SSP. PERSICA FRASER-JENKINS - Willdenowia 10:113 (1980)

DRYOPTERIS SCHORAPANENSIS ASKEROV [PRO HYBR.] - Izv. Akad. Nauk Azerbajdzan. SSR, Ser. Biol. Med. Nauk. 1978(4):4 (1978)

- Au Cz Ga Ge He Ju No Rm Rs

W. Asia

DRYOPTERIS x AMBROSEAE FRASER-JENKINS & JERMY - Fern Gaz. 11(5):338 (1977)

- Au Br Cz Fe Ga Ge Hb He Hs Hu No Po Rm Su

Anatolia, Caucasus

Parents:

DRYOPTERIS DILATATA (HOFFM.) A. GRAY

DRYOPTERIS EXPANSA (C. PRESL) FRASER-JENKINS & JERMY

DRYOPTERIS x ARDECHENSIS FRASER-JENKINS - Fern Gaz. 12:184 (1981)

DRYOPTERIS x CEBENNAE FRASER-JENKINS PRO PARTE EXCL. TYP. - Candollea 32(2):318 (1977)

• Ga

Parents:

DRYOPTERIS AFFINIS (LOWE) FRASER-JENKINS SSP. AFFINIS

DRYOPTERIS TYRRHENA FRASER-JENKINS & REICHST.

DRYOPTERIS x ASTURIENSIS FRASER-JENKINS & GIBBY - Fern Gaz. 13(2):113 (1986)

• Hs

Parents:

DRYOPTERIS AFFINIS (LOWE) FRASER-JENKINS SSP. AFFINIS

DRYOPTERIS CORLEYI FRASER-JENKINS

DRYOPTERIS x BRATHAICA FRASER-JENKINS & REICHST. - Fern Gaz. 11(5):337 (1977)
 LASTREA REMOTA SENSU T. MOORE EXCL. SYN. - Jour. Linn. Soc. London (Bot.)
 4:193 (1860)

• Br ?Ga Hs Lu

Parents:

DRYOPTERIS CARTHUSIANA (VILL.) H.P. FUCHS
 DRYOPTERIS FILIX-MAS (L.) SCHOTT

DRYOPTERIS CARTHUSIANA (VILL.) H.P. FUCHS - Bull. Soc. Bot. Fr. 105:339 (1958)
 POLYPODIUM CARTHUSIANUM VILL. - Hist. Pl. Dauph. 1:292 (1786)
 POLYPODIUM FILIX-FEMINA L. VAR. SPINOSA WEIS - Pl. Crypt. Fl. Gott. 316
 (1770)
 POLYPODIUM SPINULOSUM O.F. MUELLER [NON BURM. FIL. (1768)] - Fl. Dan.
 4(12):5 (1777)
 POLYPODIUM SPINOSUM (WEIS) SCHRANK - Baier. Fl. 2:424 (1789)
 POLYPODIUM LANCEOLATO-CRISTATUM HOFFM. - Mag. Bot. (Roemer) 3(9):9 (1790)
 POLYSTICHUM SPINOSUM (WEIS) ROTH - Tent. Fl. Germ. 3(1):91 (1799)
 ASPIDIUM SPINULOSUM (O.F. MUELLER) SWARTZ IN SCHRADER - Jour. fur die
 Bot. 1800(2):38 (1801)
 POLYSTICHUM ANGUSTATUM SCHUMACHER - Enum. Pl. Saell. 2:22 (1803)
 POLYSTICHUM CONIFOLIUM SCHUMACHER - Enum. Pl. Saell. 2:22 (1803)
 POLYSTICHUM MUELLERI SCHUMACHER - Enum. Pl. Saell. 2:20 (1803)
 POLYSTICHUM SPINULOSUM (O.F. MUELLER) DC. IN LAM. & DC. - Fl. Fr. ed. 3,
 2:561 (1805)
 NEPHRODIUM SPINULOSUM (O.F. MUELLER) STREMPPEL, NOM. ILLEGIT. - Fil.
 Berol. Syn. 30 (1822)
 LASTREA SPINULOSA (O.F. MUELLER) C. PRESL, NOM. ILLEGIT. - Tent.
 Pteridogr. 76 (1836)
 LASTREA SPINOSA (WEIS) NEWMAN - Nat. Pocket Alm. 1844:21 (1844)
 ASPIDIUM SPINULOSUM-CRISTATUM LASCH - Bot. Zeit. 14:435 (1856)
 ASPIDIUM SPINULOSUM (O.F. MUELLER) SWARTZ SSP. GENUINUM MILDE - Fil. Eur.
 132 (1867)
 DRYOPTERIS SPINULOSA (O.F. MUELLER) O. KUNTZE - Revis. Gen. 2:813 (1891)
 ASPIDIUM SPINULOSUM (O.F. MUELLER) SWARTZ SSP. EUSPINULOSUM ASCHERSON IN
 ASCHERSON & GRAEBNER - Syn. Mitteleur. Fl. ed. 1, 1:32 (1896)
 DRYOPTERIS LANCEOLATO-CRISTATA (HOFFM.) ALSTON - Watsonia 4:41 (1957)
 DRYOPTERIS HERCYNICA ROTHM., NOM. NUD. [PRO HYBR.] - Exkurs.-Fl. Krit.
 Erganz. 8 (1963)

- Al Au Be Br Bu Cz Da Fe Ga Ge Hb He Ho Hs Hu It Ju No Po Rm Rs: B Rs: C Rs: E
 Rs: K Rs: N Rs: W Su ?Tu

Temperate Asia, N. America

See also:

DRYOPTERIS x BRATHAICA FRASER-JENKINS & REICHST.
 DRYOPTERIS x DEWEVERI (J. JANSEN) J. JANSEN & WACHTER
 DRYOPTERIS x SARVELAE FRASER-JENKINS & JERMY
 DRYOPTERIS x ULIGINOSA (A. BRAUN EX DOLL) O. KUNTZE EX DRUCE

DRYOPTERIS CAUCASICA (A. BRAUN) FRASER-JENKINS & CORLEY - Brit. Fern Gaz.
 10:222 (1972)

ASPIDIUM CAUCASICUM A. BRAUN - Flora (Regensb.) 24:707 (1841)
 ASPIDIUM AFFINE FISCHER & C.A. MEYER EX HOHEN. [NON BLUME (1828)] - Bull.
 Soc. Nat. Moscou 11:240 (1838)
 DRYOPTERIS AFFINIS (FISCHER & C.A. MEYER EX HOHEN.) NEWMAN, COMB. INVAL.
 - Hist. Brit. Ferns ed. 3, 187 (1854)

- Rs: K Tu

Anatolia, Caucasus

See also:

DRYOPTERIS x EUXINENSIS FRASER-JENKINS & CORLEY

DRYOPTERIS x COMPLEXA FRASER-JENKINS IN DERRICK, JERMY & PAUL - Sommerfeltia
 6:xi (1987)

DRYOPTERIS TAVELII SENSU AUCT. [NON ROTHM. (1945)] -

- Au Br Bu ?Co Ga Ge Hb He Hs Hu Rm

Parents:

DRYOPTERIS AFFINIS (LOWE) FRASER-JENKINS
DRYOPTERIS FILIX-MAS (L.) SCHOTT

DRYOPTERIS x COMPLEXA FRASER-JENKINS Nssp. COMPLEXA -

- Au Br Ga Ge He Hs

Parents:

DRYOPTERIS AFFINIS (LOWE) FRASER-JENKINS Ssp. AFFINIS
DRYOPTERIS FILIX-MAS (L.) SCHOTT

DRYOPTERIS x COMPLEXA FRASER-JENKINS Nssp. CONTORTA FRASER-JENKINS IN DERRICK,
JERMY & PAUL - Sommerfeltia 6:xiii (1987)

- Br ?Co

Parents:

DRYOPTERIS AFFINIS (LOWE) FRASER-JENKINS Ssp. CAMBRENSIS FRASER-JENKINS
DRYOPTERIS FILIX-MAS (L.) SCHOTT

DRYOPTERIS x COMPLEXA FRASER-JENKINS Nssp. CRITICA FRASER-JENKINS IN DERRICK,
JERMY & PAUL - Sommerfeltia 6:xiii (1987)

- Au Br Bu Ga Ge Hb He Hs Hu Rm

Parents:

DRYOPTERIS AFFINIS (LOWE) FRASER-JENKINS Ssp. BORRERI (NEWMAN)
FRASER-JENKINS
DRYOPTERIS FILIX-MAS (L.) SCHOTT

DRYOPTERIS CORLEYI FRASER-JENKINS - Bol. Soc. Brot. ser. 2, 55:248 (1982)

- Hs

See also:

DRYOPTERIS x ASTURIENSIS FRASER-JENKINS & GIBBY

DRYOPTERIS CRISPIFOLIA H. RASBACH, REICHST. & VIDA IN GIBBY, JERMY, H. & K.
RASBACH, REICHST. & VIDA - Bot. Jour. Linn. Soc. 74:270 (1977)

- Az

See also:

DRYOPTERIS x MADALENAE FRASER-JENKINS
DRYOPTERIS x MARTINSIAE FRASER-JENKINS
DRYOPTERIS x TELESII FRASER-JENKINS

DRYOPTERIS CRISTATA (L.) A. GRAY - Man. Bot. ed. 1, 631 (1848)

POLYPODIUM CRISTATUM L. - Sp. Pl. 1090 (1753)

POLYPODIUM CALLIPTERIS EHRH. - Hannover. Mag. 22:127 & 138 (1784)

POLYSTICHUM CRISTATUM (L.) ROTH - Tent. Fl. Germ. 3(1):84 (1799)

ASPIDIUM CRISTATUM (L.) SWARTZ IN SCHRADER - Jour. fur die Bot.
1800(2):37 (1801)

NEPHRODIUM CRISTATUM (L.) MICHX - Fl. Bor.-Amer. 2:269 (1803)

LASTREA CRISTATA (L.) C. PRESL - Tent. Pteridogr. 77 (1836)

- Au Be Br Cz Da Fe Ga Ge He Ho Hu It Ju No Po Rm Rs:B Rs:C Rs:E Rs:K Rs:N Rs:W
Su

Temperate Asia, N. America

See also:

DRYOPTERIS x ULIGINOSA (A. BRAUN EX DOLL) O. KUNTZE EX DRUCE

DRYOPTERIS x DEWEVERI (J. JANSEN) J. JANSEN & WACHTER IN HEUKELS - Geill.
Schoolfl. Nederl. ed. 11, 93 (1934)

ASPIDIUM x DEWEVERI J. JANSEN - Nederl. Kruidk. Arch. 1932:289 (1932)

LASTREA GLANDULOSA NEWMAN - Phytologist 4:258 (1851)

DRYOPTERIS AMBIGUA DRUCE, NOM. NUD. - Rep. Bot. Exch. Club Brit. Is.
8:877 (1929)

DRYOPTERIS x NEGLECTA DOMIN - Vestn. Kral. Ceske Spolecn. Nauk, Tr.
Mat.-Prir. 1941:7 (1942)

DRYOPTERIS DILATATA (HOFFM.) A. GRAY SSP. NEGLECTA (DOMIN) DOSTAL -
Kvetena CSR 39 (1950)

- Au Be Br Cz Da Fe Ga Ge Hb He Ho Hs No Po Rs:W Su
Anatolia, Caucasus

Parents:

DRYOPTERIS CARTHUSIANA (VILL.) H.P. FUCHS
DRYOPTERIS DILATATA (HOFFM.) A. GRAY

DRYOPTERIS DILATATA (HOFFM.) A. GRAY - Man. Bot. ed. 1, 631 (1848)
POLYPODIUM DILATATUM HOFFM. - Deutschl. Fl. 2(1795):7 (1796)
POLYPODIUM ARISTATUM VILL. [NON G. FORSTER (1786)] - Hist. Pl. Dauph.
3:944 (1789)
POLYPODIUM TANACETIFOLIUM HOFFM. - Deutschl. Fl. 2(1795):7 (1796)
POLYPODIUM MULTIFLORUM ROTH - Catalecta Bot. 1:135 (1797)
POLYSTICHUM DILATATUM (HOFFM.) SCHUMACHER - Enum. Pl. Saell. 2:24 (1803)
ASPIDIUM DILATATUM (HOFFM.) SM. - Fl. Brit. 3:1125 (1804)
NEPHRODIUM DILATATUM (HOFFM.) DESV. - Mem. Soc. Linn. Paris 6(2):261
(1827)
ASPIDIUM DUMETORUM SM. - Engl. Fl. 4:294 (1828)
LASTREA DILATATA (HOFFM.) C. PRESL - Tent. Pteridogr. 77 (1836)
LASTREA COLLINA NEWMAN - Hist. Brit. Ferns ed. 2, 244 (1844)
LASTREA MACULATA DEAKIN - Florigr. Brit. 4:110, t. 1612 (1848)
NEPHRODIUM ARISTATUM VILL. EX ARCANGELI - Atti Soc. Crittogam. Ital.
3:148 (1884)
DRYOPTERIS SPINULOSA (O.F. MUELLER) O. KUNTZE SSP. DILATATA (HOFFM.) C.
CHR. - Ind. Fil. 293 (1905)
NEPHRODIUM DILATATUM (HOFFM.) K. FRITSCH - Mitt. Naturw. Ver. Steierm.
?:45 (1908)
DRYOPTERIS ALEXEENKOANA FOMIN - Monit. Jard. Bot. Tiflis 20:63 (1911)
DRYOPTERIS AUSTRIACA WOYNAR EX SCHINZ & THELL. - Viert. Naturf. Ges.
Zurich 60:339 (1915)
NEPHRODIUM SPINULOSUM (O.F. MUELLER) STREMPER, NOM. ILLEGIT. SSP.
DILATATUM (HOFFM.) HAYEK - Feddes Repert. (Beih.) 30(1):27 (1924)
POLYSTICHUM SPINULOSUM (O.F. MUELLER) DC. SSP. DILATATUM (HOFFM.) P.
FOURN. - Quatre Fl. Fr. 17 (1934)
DRYOPTERIS AUSTRIACA SENSU AUCT. PLUR. [NON JACQ. (1764)] -

- Au Az Be Br Bu Co Cz Da Fa Fe Ga Ge Gr Hb He Ho Hs Hu Is It Ju Lu No Po Rm
Rs:B Rs:C Rs:K Rs:N Rs:W Su

Anatolia, Caucasus, Iran

See also:

DRYOPTERIS x AMBROSEAE FRASER-JENKINS & JERMY
DRYOPTERIS x DEWEVERI (J. JANSEN) J. JANSEN & WACHTER
DRYOPTERIS x FRASER-JENKINSII GIBBY & WIDEN
DRYOPTERIS x SJOEGRENII FRASER-JENKINS
DRYOPTERIS x TELESII FRASER-JENKINS

DRYOPTERIS x EUXINENSIS FRASER-JENKINS & CORLEY - Brit. Fern Gaz. 10(5):225
(1972)

- Rm ?Rs:E Tu

W. Asia

Parents:

DRYOPTERIS CAUCASICA (A. BRAUN) FRASER-JENKINS & CORLEY
DRYOPTERIS FILIX-MAS (L.) SCHOTT

DRYOPTERIS EXPANSA (C. PRESL) FRASER-JENKINS & JERMY - Fern Gaz. 11(5):338
(1977)

NEPHRODIUM EXPANSUM C. PRESL - Reliq. Haenk. 1:38 (1825)

POLYSTICHUM TANACETIFOLIUM SENSU DC. [NON HOFFM. (1796)] IN LAM. & DC. -
Fl. Fr. 2:562 (1805)

LASTREA EXPANSA (C. PRESL) C. PRESL - Tent. Pteridogr. 76 (1836)

DRYOPTERIS ASSIMILIS S. WALKER - Amer. Jour. Bot. 48:607 (1961)

DRYOPTERIS SPINULOSA (O.F. MUELLER) O. KUNTZE SSP. ASSIMILIS (S. WALKER)
SCHIDLAY IN J. FUTAK - Fl. Slov. 2:217 (1966)

- Au ?Be Br Bu Co Cz Da Fa Fe Ga Ge Gr ?Hb He Hs Hu Is It Ju Lu No Po Rm Rs:K
Rs:W Su

Temperate Asia, N. America

See also:

DRYOPTERIS x AMBROSEAE FRASER-JENKINS & JERMY

DRYOPTERIS x SARVELAE FRASER-JENKINS & JERMY

DRYOPTERIS FILIX-MAS (L.) SCHOTT - Gen. Fil. t. 9 (1834)

POLYPODIUM FILIX-MAS L. - Sp. Pl. 1090 (1753)

POLYPODIUM NEMORALE SALISB. - Prodr. 403 (1796)

POLYPODIUM HELEOPTERIS BORKH. - Arch. Bot. (Roemer) 1(3):319 (1798)

POLYSTICHUM FILIX-MAS (L.) ROTH - Arch. Bot. (Roemer) 2(1):106 (1800)

ASPIDIUM FILIX-MAS (L.) SWARTZ IN SCHRADER - Jour. fur die Bot.

1800(2):44 (1801)

NEPHRODIUM FILIX-MAS (L.) L.C.M. RICHARD IN MARTHE - Cat. Pl. Jard. Med.
Paris 120 (1801)

POLYPODIUM UMBILICATUM POIRET IN LAM. - Encycl. Meth. Bot. 5:528 (1804)

ASPIDIUM DEPASTUM SCHKUHR - Deutschl. Krypt. Gew. 1:46, t. 51 (1810)

ASPIDIUM EROSUM SCHKUHR - Deutschl. Krypt. Gew. 1:46, t. 45 (1810)

NEPHRODIUM CREMATUM STOKES, NOM. INVAL. - Bot. Mat. Med. 4:606 (1812)

NEPHRODIUM NEMORALE S.F. GRAY, NOM. INVAL. - Nat. Arr. Brit. Pl. 2:7
(1821)

ASPIDIUM EXPANSUM D. DIETR. - Fl. Jenensis [s.p.] (1826)

LASTREA FILIX-MAS (L.) C. PRESL - Tent. Pteridogr. 76 (1836)

ASPIDIUM OPIZII WIERZB. - Flora (Regensb.) 23:370 (1840)

ASPIDIUM MILDEANUM GOEPPERT - Denkschr. Feier Funfzig. Besteh. Schles.
Ges. 193 (1853)

POLYSTICHUM POLYSORUM TOD. - Syn. Pl. Acot. Vasc. Sic. 35 (1866)

DRYOPTERIS DIGENEA DOMIN [PRO HYBR.] - Preslia 13-15:8 (1936)

ASPIDIUM VESELSKII HAZSL. EX DOMIN, NOM. NUD. - Vestn. Kral. Ceske

Spolecn. Nauk, Tr. Mat.-Prir. 1941:4 (1942)

DRYOPTERIS BOHEMICA DOMIN [PRO HYBR.] - Vestn. Kral. Ceske Spolecn. Nauk,
Tr. Mat.-Prir. 1941:2 (1942)

- Al Au Be Br Bu Co Cz Da Fa Fe Ga Ge Gr Hb He Ho Hs Hu Is It Ju Lu No Po Rm
Rs:B Rs:C Rs:E Rs:K Rs:N Rs:W ?Sa Si Su Tu

Asia, Americas, Morocco

See also:

DRYOPTERIS x BRATHAICA FRASER-JENKINS & REICHST.

DRYOPTERIS x COMPLEXA FRASER-JENKINS

DRYOPTERIS x COMPLEXA FRASER-JENKINS Nssp. COMPLEXA

DRYOPTERIS x COMPLEXA FRASER-JENKINS Nssp. CONTORTA FRASER-JENKINS

DRYOPTERIS x COMPLEXA FRASER-JENKINS Nssp. CRITICA FRASER-JENKINS

DRYOPTERIS x EUXINENSIS FRASER-JENKINS & CORLEY

DRYOPTERIS x MANTONIAE FRASER-JENKINS & CORLEY

DRYOPTERIS FRAGRANS (L.) SCHOTT - Gen. Fil. t. 9 (1834)

POLYPODIUM FRAGRANS L. [NON L. (1771)] - Sp. Pl. 1089 (1753)

ASPIDIUM FRAGRANS (L.) SWARTZ IN SCHRADER - Jour. fur die Bot. 1800(2):35
(1801)

- Fe Rs:N

Northern Asia, Japan, North America

DRYOPTERIS x FRASER-JENKINSII GIBBY & WIDEN - Fern Gaz. 12(5):268 (1983)

• Hs

Parents:

DRYOPTERIS AFFINIS (LOWE) FRASER-JENKINS SSP. AFFINIS

DRYOPTERIS DILATATA (HOFFM.) A. GRAY

DRYOPTERIS GUANCHICA GIBBY & JERMY

DRYOPTERIS x GRAECA FRASER-JENKINS & GIBBY - Candollea 35:309 (1980)

• Gr

Parents:

DRYOPTERIS SUBMONTANA (FRASER-JENKINS & JERMY) FRASER-JENKINS
DRYOPTERIS VILLARII (BELLARDI) WOYNAR EX SCHINZ & THELL.

DRYOPTERIS GUANCHICA GIBBY & JERMY - Bot. Jour. Linn. Soc. 74:256 (1977)

- Hs Lu

Islas Canarias

See also:

DRYOPTERIS x FRASER-JENKINSII GIBBY & WIDEN

DRYOPTERIS INTERMEDIA (O.F. MUELLER EX WILLD.) A. GRAY - Man. Bot. ed. 1, 630 (1848)

ASPIDIUM INTERMEDIUM O.F. MUELLER EX WILLD. - Sp. Pl. ed. 4, 5(1):262 (1810)

- Az

N. America

DRYOPTERIS INTERMEDIA (O.F. MUELLER EX WILLD.) A. GRAY SSP. AZORICA (CHRIST) JERMY - Webbia 38:408 adnot. (1984)

ASPIDIUM DILATATUM (HOFFM.) SM. VAR. AZORICUM CHRIST - Bull. Acad. Int. Geogr. Bot. 17:157 (1907)

DRYOPTERIS AZORICA (CHRIST) ALSTON - Bol. Soc. Brot. 30:14 (1956)

• Az

See also:

DRYOPTERIS x MADALENAE FRASER-JENKINS

DRYOPTERIS x PICOENSIS FRASER-JENKINS

DRYOPTERIS x SJOEGRENII FRASER-JENKINS

DRYOPTERIS x MADALENAE FRASER-JENKINS - Arquip. 2:96 (1981)

• Az

Parents:

DRYOPTERIS CRISPIFOLIA H. RASBACH, REICHST. & VIDA

DRYOPTERIS INTERMEDIA (O.F. MUELLER EX WILLD.) A. GRAY SSP. AZORICA (CHRIST) JERMY

DRYOPTERIS x MANTONIAE FRASER-JENKINS & CORLEY - Brit. Fern Gaz. 10(5):230 (1973)

DRYOPTERIS x MIXTA ROTHM., NOM. NUD. - Exkurs.-Fl. Krit. Erganz. 8 (1963)

- Br Co Ga Hs

Anatolia, Caucasus

Parents:

DRYOPTERIS FILIX-MAS (L.) SCHOTT

DRYOPTERIS OREADES FOMIN

DRYOPTERIS x MARTINSIAE FRASER-JENKINS - Arquip. 2:95 (1981)

• Az

Parents:

DRYOPTERIS AEMULA (AITON) O. KUNTZE

DRYOPTERIS CRISPIFOLIA H. RASBACH, REICHST. & VIDA

DRYOPTERIS OREADES FOMIN - Monit. Jard. Bot. Tiflis 18:20 (1910)

LASTREA PROPINQUA WOLLASTON EX NEILL FRASER [NON SENSU AUCT. PLUR.] - Phytologist ser. 2, 6:416 (1863)

POLYSTICHUM PYRENAICUM MIEGEVILLE, NOM. INVAL. - Rev. Cath. Diocese Tarbes 41:764 (1873)

NEPHRODIUM RUPESTRE SAMP. - Fl. Port. ed. 1, 8 (1909)

NEPHRODIUM FILIX-MAS SENSU ROUY RA. RIGIDIFORMIS ROUY - Fl. Fr. 14:408 (1913)

DRYOPTERIS LITARDIEREI ROTHM. PRO PARTE [PRO HYBR.] - Candollea 10:94 (1945)

DRYOPTERIS FILIX-MAS (L.) SCHOTT SSP. OREADES (FOMIN) O. BOLOS & VIGO - Fl. Paisos Catalans 1:171 (1984)

DRYOPTERIS ABBREVIATA SENSU AUCT. PLUR. [NON DC. (1805)] -

- Br Co Ga Ge Hb Hs It Lu Sa

Anatolia, Caucasus

See also:

DRYOPTERIS x MANTONIAE FRASER-JENKINS & CORLEY

DRYOPTERIS x PSEUDOABBREVIATA JERMY

DRYOPTERIS x SARDOA FRASER-JENKINS & REICHST.

DRYOPTERIS PALLIDA (BORY) C. CHR. EX MAIRE & PETITMENGIN - Bull. Soc. Sci. Nancy ser. 3, 9:480 (1908)

- Al Bl Bu Co Cr Gr It Ju Sa Si

Mediterranean region

DRYOPTERIS PALLIDA (BORY) C. CHR. EX MAIRE & PETITMENGIN SSP. PALLIDA -

NEPHRODIUM PALLIDUM BORY - Exped. Sci. Moree 3(2):287 (1832)

ASPIDIUM OENOPTERIS TEN. - Prodr. Fl. Nap. 58 (1811)

ASPIDIUM RIGIDUM SWARTZ VAR. AUSTRALE TEN. - Atti Real. Ist. Incoragg. Sci. Nat. Nap. 5:144 (1832)

ASPIDIUM PALLIDUM (BORY) LINK - Fil. Sp. 107 (1841)

ASPIDIUM NIVALE BORY EX FEE - Mem. Fam. Foug. 5:298 (1852)

LASTREA NIVALE (BORY EX FEE) T. MOORE - Ind. Fil. 98 (1858)

POLYSTICHUM PALLIDUM (BORY) TOD. - Syn. Pl. Acot. Vasc. Sic. 35 (1866)

ASPIDIUM VISCOSUM F. MUELLER EX TREVISAN - Atti Soc. Ital. Sci. Nat. 17:231 (1874)

ASPIDIUM RIGIDUM SWARTZ SSP. PALLIDUM (BORY) CHRIST - Foug. Alpes Marit. 24 (1900)

DRYOPTERIS RIGIDA (SWARTZ) A. GRAY SSP. AUSTRALIS (TEN.) C. CHR. - Ind. Fil. 289 & 585 (1906)

POLYSTICHUM MERIDIONALE LOJAC. PRO PARTE - Fl. Sic. 3:405 (1909)

NEPHRODIUM AUSTRALE (TEN.) GUADAGNO IN FIORI & BEGUINOT - Sched. Fl. Ital. Exsicc. ser. 3, 97 (1917)

DRYOPTERIS AUSTRALIS (TEN.) GUADAGNO - Boll. Orto Bot. Napoli 7:70 (1924)

NEPHRODIUM VILLARII (BELLARDI) G. BECK SSP. PALLIDUM (BORY) HAYEK - Feddes Repert. (Beih.) 30(1):27 (1924)

DRYOPTERIS VILLARII (BELLARDI) WOYNAR EX SCHINZ & THELL. SSP. PALLIDA (BORY) HEYWOOD - Feddes Repert. 69:44 (1964)

- Al Bl Cr Gr It Ju Sa Si

E. Aegean Islands, Anatolia, Tunisia

See also:

DRYOPTERIS x VIDAE FRASER-JENKINS & GIBBY

DRYOPTERIS PALLIDA (BORY) C. CHR. EX MAIRE & PETITMENGIN SSP. BALEARICA (LITARD.) FRASER-JENKINS - Candollea 32:314 (1977)

DRYOPTERIS RIGIDA (SWARTZ) A. GRAY VAR. BALEARICA LITARD. - Bull. Acad. Int. Geogr. Bot. 21:23 (1911)

ASPIDIUM PALLIDUM (BORY) LINK SSP. BALEARICUM (LITARD.) COLOM - Biogeogr. Balear. ? (1957)

DRYOPTERIS BALEARICA (LITARD.) NARDI - Webbia 30:28 (1976)

DRYOPTERIS VILLARII (BELLARDI) WOYNAR EX SCHINZ & THELL. SSP. BALEARICA (LITARD.) O. BOLOS & VIGO - Fl. Paisos Catalans 1:172 (1984)

• Bl Co Sa

DRYOPTERIS x PICOENSIS FRASER-JENKINS - Arquip. 2:94 (1981)

• Az

Parents:

DRYOPTERIS AFFINIS (LOWE) FRASER-JENKINS SSP. AFFINIS

DRYOPTERIS INTERMEDIA (O.F. MUELLER EX WILLD.) A. GRAY SSP. AZORICA (CHRIST) JERMY

DRYOPTERIS x PSEUDOABBREVIATA JERMY - Brit. Fern Gaz. 10(1):12 (1968)

• Br

Parents:

DRYOPTERIS AEMULA (AITON) O. KUNTZE
DRYOPTERIS OREADES FOMIN

DRYOPTERIS REMOTA (A. BRAUN EX DOLL) DRUCE - Brit. Pl. List ed. 1, 87 (1908)

ASPIDIUM RIGIDUM SWARTZ VAR. REMOTUM A. BRAUN EX DOLL - Rhein. Fl. 16 (1843)

POLYSTICHUM REMOTUM (A. BRAUN EX DOLL) KOCH - Syn. Fl. Germ. ed. 2, 979 (1845)

ASPIDIUM REMOTUM (A. BRAUN EX DOLL) A. BRAUN - Betracht. Erschein. Verjung. Natur 330 (1850)

LASTREA REMOTA (A. BRAUN EX DOLL) T. MOORE - Jour. Linn. Soc. London (Bot.) 4:193 (1860)

ASPIDIUM REMOTUM (A. BRAUN EX DOLL) A. BRAUN VAR. SUBALPINUM BORBAS - Verh. Zool.-Bot. Ges. Wien 25:791 (1876)

POLYSTICHUM CARTHUSIANUM SENSU SANIO - Verh. Bot. Ver. Brandenb. 25:84 (1884)

ASPIDIUM WIERZBICKII A. BRAUN & LUERSSSEN IN RABENH. - Deutschl. Krypt.-Fl. ed. 2, 3(Farnpfl.):402 (1889)

ASPIDIUM SUBALPINUM (BORBAS) HAND.-MAZZ. - Osterr. Bot. Zeitschr. 53:291 (1903)

DRYOPTERIS BORBASII LITARD. [PRO HYBR.] - Bull. Soc. Bot. Deux-Sevres 1910:85 (1910)

NEPHRODIUM JORDANII ROUY - Fl. Fr. 14:44 (1913)

NEPHRODIUM SUBALPINUM (BORBAS) ROUY [PRO HYBR.] - Fl. Fr. 14:415 (1913)

LASTREA DILATATA (HOFFM.) C. PRESL VAR. BOYDII STANSF. - Brit. Fern Gaz. 6(11):281 (1934)

LASTREA ELATA KESTNER & TAVEL IN TAVEL - Brit. Fern Gaz. 6(12):311 (1935)

LASTREA NITENS TAVEL - Brit. Fern Gaz. 6(12):311 (1935)

DRYOPTERIS SUBALPINA (BORBAS) DOMIN - Vestn. Kral. Ceske Spolecn. Nauk, Tr. Mat.-Prir. 1941:6 (1942)

DRYOPTERIS DOEPPHII ROTHM. [PRO HYBR.] - Candollea 10:93 (1945)

DRYOPTERIS SUBAUSTRIACA ROTHM. [PRO HYBR.] - Candollea 10:100 (1945)

DRYOPTERIS WOYNARII ROTHM. [PRO HYBR.] - Candollea 10:94 (1945)

DRYOPTERIS BOYDII (STANSF.) MANTON, COMB. INVALID. - Problems Cytol. Evol. Pterid. 73 (1950)

DRYOPTERIS KEMULARIAE MIKHELADZE - Zametki Sist. Geogr. Rast. 23:56 (1963)

DRYOPTERIS LAWALREEI JANCHEN [PRO HYBR.] - Cat. Fl. Austr. Erganz. 121 (1963)

DRYOPTERIS DOLUCHANOVII ASKEROV [PRO HYBR.] - Izv. Akad. Nauk

Azerbajdzan. SSR, Ser. Biol. Med. Nauk 1978(4):4 (1978)

- Au [Br] Cz Ga Ge Hb He Hs Hu ?It Ju Po Rm Rs:W

Anatolia, Caucasus

DRYOPTERIS x SARDOA FRASER-JENKINS & REICHST. IN FRASER-JENKINS, REICHST. & VIDA - Fern Gaz. 11:193 (1975)

• ?Co Sa

Parents:

DRYOPTERIS OREADES FOMIN
DRYOPTERIS TYRRHENA FRASER-JENKINS & REICHST.

DRYOPTERIS x SARVELAE FRASER-JENKINS & JERMY - Fern Gaz. 11(5):339 (1977)

• Br Fe

Parents:

DRYOPTERIS CARTHUSIANA (VILL.) H.P. FUCHS
DRYOPTERIS EXPANSA (C. PRESL) FRASER-JENKINS & JERMY

DRYOPTERIS x SJOEGRENII FRASER-JENKINS - Arquip. 2:96 (1981)

• Az

Parents:

DRYOPTERIS DILATATA (HOFFM.) A. GRAY

DRYOPTERIS INTERMEDIA (O.F. MUELLER EX WILLD.) A. GRAY SSP. AZORICA
(CHRIST) JERMY

DRYOPTERIS SUBMONTANA (FRASER-JENKINS & JERMY) FRASER-JENKINS - Candollea
32:311 (1977)

DRYOPTERIS VILLARII (BELLARDI) WOYNAR EX SCHINZ & THELL. SSP. SUBMONTANA
FRASER-JENKINS & JERMY - Fern Gaz. 11(5):339 (1977)

POLYSTICHUM NIVALE MIEGEVILLE, NOM. INVAL. - Rev. Cath. Diocese Tarbes
41:764 (1873)

LASTREA RIGIDA SENSU AUCT. [NON C. PRESL (1836)] -

- Al Br Ga Gr Hs It Ju Rm

Algeria, Anatolia, Caucasus

See also:

DRYOPTERIS x GRAECA FRASER-JENKINS & GIBBY

DRYOPTERIS x TELESII FRASER-JENKINS - Arquip. 2:97 (1981)

• Az

Parents:

DRYOPTERIS CRISPIFOLIA H. RASBACH, REICHST. & VIDA

DRYOPTERIS DILATATA (HOFFM.) A. GRAY

DRYOPTERIS TYRRHENA FRASER-JENKINS & REICHST. - Fern Gaz. 11:180 (1975)

ASPIDIUM NEVADENSE BOISS. - Elenchus 93 (1838)

NEPHRODIUM RIGIDUM (SWARTZ) DESV. SSP. NEVADENSE (BOISS.) ROUY - Fl. Fr.
14:409 (1913)

DRYOPTERIS CEBENNAE FRASER-JENKINS PRO PARTE [NON SENSU FRASER-JENKINS
(1977)] - Willdenowia 10:114 (1980)

• Co Ga Hs It Sa

See also:

DRYOPTERIS x ARDECHENSIS FRASER-JENKINS

DRYOPTERIS x SARDOA FRASER-JENKINS & REICHST.

DRYOPTERIS x ULIGINOSA (A. BRAUN EX DOLL) O. KUNTZE EX DRUCE - Brit. Pl. List
ed. 1, 87 (1908)

ASPIDIUM SPINULOSUM (O.F. MUELLER) SWARTZ VAR. ULIGINOSUM A. BRAUN EX DOLL
- Rhein. Fl. 17 (1843)

LASTREA ULIGINOSA (A. BRAUN EX DOLL) NEWMAN - Phytologist 3:679 (1849)

ASPIDIUM SPINULOSUM (O.F. MUELLER) SWARTZ SSP. TAUSCHII CELAK. - Prodr.
Fl. Bohm. 1:10 (1867)

ASPIDIUM CRISTATUM (L.) SWARTZ SSP. ULIGINOSUM (NEWMAN) NYMAN - Consp.
Suppl. 1:866 (1884)

DRYOPTERIS TAUSCHII (CELAK.) DOMIN - Preslia 13-15:8 (1936)

DRYOPTERIS LASCHII E. WALTER IN E. WALTER & CALLE - Pterid. Exsicc.
1(2):36 (1939)

- Au Be Br Cz Da Fe Ga Ge He Ho Hu No Po Rs:N Su

N. America, Siberia

Parents:

DRYOPTERIS CARTHUSIANA (VILL.) H.P. FUCHS

DRYOPTERIS CRISTATA (L.) A. GRAY

DRYOPTERIS x VIDAE FRASER-JENKINS & GIBBY - Candollea 35:306 (1980)

• Ju

Parents:

DRYOPTERIS PALLIDA (BORY) C. CHR. EX MAIRE & PETITMENGIN SSP. PALLIDA

DRYOPTERIS VILLARII (BELLARDI) WOYNAR EX SCHINZ & THELL.

DRYOPTERIS VILLARII (BELLARDI) WOYNAR EX SCHINZ & THELL. - Viert. Naturf. Ges. Zurich 60:339 (1915)

POLYPODIUM VILLARII BELLARDI - App. Fl. Pedem. 49 (1792)

POLYPODIUM FRAGRANS SENSU HUDSON - Fl. Angl. 388 (1762)

POLYPODIUM RIGIDUM HOFFM. [NON AUBLET (1775)] - Deutschl. Fl. 2:6 (1795)

POLYSTICHUM STRIGOSUM ROTH - Tent. Fl. Germ. 3(1):86 (1799)

ASPIDIUM RIGIDUM SWARTZ IN SCHRADER - Jour. fur die Bot. 1800(2):37 (1801)

POLYPODIUM ODORATUM POIRET IN LAM. - Encycl. Meth. Bot. 5:541 (1804)

POLYSTICHUM RIGIDUM (SWARTZ) DC. IN LAM. & DC. - Fl. Fr. ed. 3, 2:560 (1805)

ASPIDIUM FRAGRANS S.F. GRAY [NON (L.) SWARTZ (1801)] - Nat. Arr. Brit. Pl. 2:9 (1821)

NEPHRODIUM RIGIDUM (SWARTZ) DESV. - Mem. Soc. Linn. Paris 6:261 (1827)

DRYOPTERIS RIGIDA (SWARTZ) A. GRAY - Man. Bot. ed. 1, 631 (1848)

DRYOPTERIS BURNATII CHRIST EX WILCZEK [PRO HYBR.] - Annu. Cons. Jard. Bot. Geneve 15-16:345 (1913)

NEPHRODIUM VILLARII (BELLARDI) G. BECK - Glas. Muz. Bosni Herceg. 28:332 (1917)

NEPHRODIUM VILLARII (BELLARDI) G. BECK SSP. RIGIDUM (SWARTZ) HAYEK - Feddes Repert. (Beih.) 30(1):26 (1924)

• Al Au Bu Ga Ge Gr He It Ju

See also:

DRYOPTERIS x GRAECA FRASER-JENKINS & GIBBY

DRYOPTERIS x VIDAE FRASER-JENKINS & GIBBY

POLYSTICHUM ROTH - Tent. Fl. Germ. 3(1):31 & 69 (1799)

POLYSTICHUM ACULEATUM (L.) ROTH - Tent. Fl. Germ. 3(1):79 (1799)

POLYPODIUM ACULEATUM L. - Sp. Pl. 1090 (1753)

POLYPODIUM LOBATUM HUDSON - Fl. Angl. ed. 1, 390 (1762)

ASPIDIUM ACULEATUM (L.) SWARTZ IN SCHRADER - Jour. fur die Bot. 1800(2):37 (1801)

ASPIDIUM LOBATUM (HUDSON) SWARTZ IN SCHRADER - Jour. fur die Bot. 1800(2):37 (1801)

POLYSTICHUM LOBATUM (HUDSON) BAST. - Essai Fl. Maine Loire 367 (1809)

ASPIDIUM PSEUDOLONCHITIS DUMORT. - Bull. Soc. Bot. Belg. 4:346 (1865)

DRYOPTERIS ACULEATA (L.) O. KUNTZE - Revis. Gen. 2:812 (1891)

DRYOPTERIS LOBATA (HUDSON) SCHINZ & THELL. - Viert. Naturf. Ges. Zurich 43:514 (1909)

DRYOPTERIS ACULEATA (L.) O. KUNTZE SSP. LOBATA (HUDSON) BRIQ. - Prodr. Fl. Corse 1:14 (1910)

POLYSTICHUM ACULEATUM (L.) ROTH SSP. LOBATUM (HUDSON) VOLLMANN - Fl. Bayern 8 (1914)

DRYOPTERIS SETIFERA (FORSKAL) WOYNAR EX SCHINZ & THELL. SSP. LOBATA (HUDSON) MAIRE IN JAHANDIEZ & MAIRE - Cat. Pl. Maroc 1:3 (1931)

- Al Au Be Br Bu Co Cz Ga Ge Gr Hb He Ho Hs Hu It Ju No Po Rm Rs:B Rs:K Rs:W Su ?Tu

Mediterranean region, Islas Canarias, Asia

See also:

POLYSTICHUM x BICKNELLII (CHRIST) HAHNE

POLYSTICHUM x ILLYRICUM (BORBAS) HAHNE

POLYSTICHUM x LUERSSENI (DORFLER) HAHNE

POLYSTICHUM x BICKNELLII (CHRIST) HAHNE - Allgem. Bot. Zeitschr. 10:103 (1905)

ASPIDIUM x BICKNELLII CHRIST - Foug. Alpes Marit. 1:20 (1900)

DRYOPTERIS x BICKNELLII (CHRIST) BECHERER - Ber. Schweiz. Bot. Ges. 45:251 (1936)

• Au Be Br Co Ga Ge Hb He Ho Hs Hu It Ju Rm Rs:W Sa

Parents:

POLYSTICHUM ACULEATUM (L.) ROTH
 POLYSTICHUM SETIFERUM (FORSKAL) WOYNAR

POLYSTICHUM BRAUNII (SPENNER) FEE - Mem. Fam. Foug. 5:278 (1852)
 ASPIDIUM BRAUNII SPENNER - Fl. Friburg. 1:9 (1825)
 DRYOPTERIS BRAUNII (SPENNER) UNDERW. IN BRITTON & A. BR. - Ill. Fl. U.S.
 Canad. 1:15 (1896)
 - Au Cz Ga Ge He Hu It Ju No Po Rm Rs:B Rs:C Rs:E Rs:K Rs:W Su
 Asia, N. America

See also:

POLYSTICHUM x LUERSSENII (DORFLER) HAHNE
 POLYSTICHUM x MEYERI SLEEP & REICHST.
 POLYSTICHUM x WIRTGENII HAHNE

POLYSTICHUM x ILLYRICUM (BORBAS) HAHNE - Allgem. Bot. Zeitschr. 10:103 (1904)
 ASPIDIUM x ILLYRICUM BORBAS - Osterr. Bot. Zeitschr. 41:354 (1891)
 ASPIDIUM x MURBECKII RAIMANN - Wiener Illustr. Garten-Zeit. 16:416 (1891)
 DRYOPTERIS x ILLYRICA (BORBAS) G. BECK - Glas. Muz. Bosni Herceg. 28:326
 (1917)
 POLYSTICHUM x EBERLEI D.E. MEYER - Nova Hedwigia 1(1):107 (1959)
 - Al Au Br Bu Cz Ga Ge Hb He Hs Hu Ju Po Rm

Parents:

POLYSTICHUM ACULEATUM (L.) ROTH
 POLYSTICHUM LONCHITIS (L.) ROTH

POLYSTICHUM x LONCHITIFORME (HALACSY) BECHERER - Boll. Soc. Ticin. Sci. Nat.
 36:17 (1941)
 ASPIDIUM x LONCHITIFORME HALACSY - Verh. Zool.-Bot. Ges. Wien 54:129
 (1904)
 - ?Au Gr Hb Hu

Parents:

POLYSTICHUM LONCHITIS (L.) ROTH
 POLYSTICHUM SETIFERUM (FORSKAL) WOYNAR

POLYSTICHUM LONCHITIS (L.) ROTH - Tent. Fl. Germ. 3(1):71 (1799)
 POLYPODIUM LONCHITIS L. - Sp. Pl. 1088 (1753)
 ASPIDIUM LONCHITIS (L.) SWARTZ IN SCHRADER - Jour. fur die Bot.
 1800(2):30 (1801)
 DRYOPTERIS LONCHITIS (L.) O. KUNTZE - Revis. Gen. 2:813 (1891)
 - Al Au Be Br Bu Co Cr Cz Fa Fe Ga Ge Gr Hb He Ho Hs Hu Is It Ju No Po Rm Rs:B
 Rs:C Rs:K Rs:N Rs:W Su
 Asia, N. America, Morocco

See also:

POLYSTICHUM x ILLYRICUM (BORBAS) HAHNE
 POLYSTICHUM x LONCHITIFORME (HALACSY) BECHERER
 POLYSTICHUM x MEYERI SLEEP & REICHST.

POLYSTICHUM x LUERSSENII (DORFLER) HAHNE - Allgem. Bot. Zeitschr. 10:103 (1904)
 ASPIDIUM LUERSSENII DORFLER - Osterr. Bot. Zeitschr. 40:227 (1890)
 ASPIDIUM LOBATIFORME WAISB. - Magyar Bot. Lapok 1:245 (1899)
 DRYOPTERIS SILESIACA BECHERER - Ber. Schweiz. Bot. Ges. 52:481 (1942)
 - Au Cz Ga Ge He Hu It Ju Po Rm Rs:W

Parents:

POLYSTICHUM ACULEATUM (L.) ROTH
 POLYSTICHUM BRAUNII (SPENNER) FEE

POLYSTICHUM x MEYERI SLEEP & REICHST. - Bauhinia 2:299 (1967)

• Au

Parents:

POLYSTICHUM BRAUNII (SPENNER) FEE
 POLYSTICHUM LONCHITIS (L.) ROTH

POLYSTICHUM SETIFERUM (FORSKAL) WOYNAR - Mitt. Naturw. Ver. Steierm. 49:181 (1913)

POLYPODIUM SETIFERUM FORSKAL - Fl. Aegypt. 185 (1775)

ASPIDIUM ANGULARE KIT. EX WILLD. - Sp. Pl. ed. 4, 5(1):257 (1810)

ASPIDIUM HASTULATUM TEN. - Atti Real Ist. Incoragg. Sci. Nat. Nap. 5:149, t. 4 f. 7 (1830)

POLYSTICHUM ANGULARE (KIT. EX WILLD.) C. PRESL - Tent. Pteridogr. 83 (1836)

ASPIDIUM ACULEATUM (L.) SWARTZ SSP. ANGULARE (KIT. EX WILLD.) ASCHERSON IN ASCHERSON & GRAEBNER - Syn. Mitteleur. Fl. ed. 1, 1:39 (1896)

POLYSTICHUM ACULEATUM (L.) ROTH SSP. ANGULARE (KIT. EX WILLD.) VOLLMANN - Fl. Bayern 9 (1914)

DRYOPTERIS ACULEATA (L.) O. KUNTZE SSP. ANGULARIS (KIT. EX WILLD.) SCHINZ & THELL. IN SCHINZ & R. KELLER - Fl. Schweiz ed. 3, 2:3 (1914)

DRYOPTERIS SETIFERA (FORSKAL) WOYNAR EX SCHINZ & THELL. - Viert. Naturf. Ges. Zurich 60:340 (1915)

DRYOPTERIS ACULEATA SENSU G. BECK [NON (L.) O. KUNTZE (1891)] - Glas. Muz. Bosni Herceg. 28:329 (1917)

DRYOPTERIS SETIFERA (FORSKAL) WOYNAR EX SCHINZ & THELL. SSP. ANGULARIS (KIT. EX WILLD.) MAIRE IN JAHANDIEZ & MAIRE - Cat. Pl. Maroc 1:3 (1931)

POLYSTICHUM ACULEATUM SENSU AUCT. [NON (L.) ROTH (1799)] -

- Al Au Az Be Bl Br Bu Co Cr Ga Ge Gr Hb He Ho Hs Hu It Ju Lu Rm Rs:K Sa Si Tu
Africa, Australia, Oceania, Anatolia, Caucasus

See also:

POLYSTICHUM x BICKNELLII (CHRIST) HAHNE

POLYSTICHUM x LONCHITIFORME (HALACSY) BECHERER

POLYSTICHUM x WIRTGENII HAHNE

POLYSTICHUM x WIRTGENII HAHNE - Allgem. Bot. Zeitschr. 10:103 (1904)

- Au ?Ge He It

Parents:

POLYSTICHUM BRAUNII (SPENNER) FEE

POLYSTICHUM SETIFERUM (FORSKAL) WOYNAR

EQUISETACEAE L.C.M. RICHARD EX DC. IN LAM. & DC. - Fl. Fr. ed. 3, 2:580 (1805)

EQUISETUM L. - Sp. Pl. 1061 (1753)

EQUISETUM ARVENSE L. - Sp. Pl. 1061 (1753)

EQUISETUM CAMPESTRE C.F. SCHULTZ - Prodr. Fl. Stargard. Suppl. 1:59 (1819)

EQUISETUM BOREALE BONG. - Mem. Acad. Sci. Petersb. 4(2):174 (1831)

EQUISETUM RIPARIUM FRIES - Nov. Fl. Suec. Mantissa 3:167 (1842)

EQUISETUM ARCTICUM RUPR. - Beitr. Pfl. Russ. Reich. 3:21 (1845)

EQUISETUM TENELLUM SCHUMACHER EX MILDE, NOM. NUD. [NON SENSU AUCT. PLUR.]
- Monogr. Equiset. 24 (1867)

EQUISETUM HYBRIDUM HUTER [PRO HYBR.] - Osterr. Bot. Zeitschr. 58:34 (1908)

ALLOSTELITES ARVENSE (L.) BORNER - Fl. Deutsche Volk 283 (1912)

EQUISETUM TORGESIANUM ROTHM. PRO PARTE [PRO HYBR.] - Feddes Reperit.
54(1):77 (1944)

- Al Au Az Be Bl Br Bu Co Cr Cz Da Fa Fe Ga Ge Gr Hb He Ho Hs Hu Is It Ju Lu No
Po Rm Rs:B Rs:C Rs:E Rs:K Rs:N Rs:W Sa Sb Si Su Tu

Asia, N. America

See also:

EQUISETUM x DUBIUM DOSTAL, NOM. NUD.

EQUISETUM x LITORALE KUHLEW. EX RUPR.

EQUISETUM x MONTELLII HIITONEN, NOM. NUD.

EQUISETUM x ROTHMALERI C.N. PAGE

EQUISETUM x DUBIUM DOSTAL, NOM. NUD. IN HEGI - Ill. Fl. Mitteleur. ed. 3, 1(1):77 (1984)

- ?Au Cz ?Hu Ju

Parents:

EQUISETUM ARVENSE L.
EQUISETUM TELMATEIA EHRH.

EQUISETUM x DYCEI C.N. PAGE - Fern Gaz. 12:178 (1981)

- Br Ge Hb

Parents:

EQUISETUM FLUVIATILE L.
EQUISETUM PALUSTRE L.

EQUISETUM FLUVIATILE L. - Sp. Pl. 1062 (1753)

EQUISETUM LIMOSUM L. - Sp. Pl. 1062 (1753)

EQUISETUM MAXIMUM LAM., NOM. ILLEGIT. - Fl. Fr. 1:7 (1779)

EQUISETUM HELEOCHARIS EHRH., NOM. ILLEGIT. - Hannover. Mag. 21:286 (1783)

EQUISETUM POLYSTACHYUM BRUCKNER - Diss. Bot. Fl. Neobrand. 63 (1803)

EQUISETUM ULIGINOSUM MUHL. EX WILLD. - Sp. Pl. ed. 4, 5(1):4 (1810)

EQUISETUM LACUSTRE OPIZ - Kratos 4:10 (1819)

EQUISETUM SEMIFOLIOSUM THORE EX LOISEL. - Fl. Gall. 357 (1828)

EQUISETUM APHYLLUM BAUMG. - Enum. Stirp. Transs. 4:10 (1846)

- Al Au Be Br Bu Cz Da Fa Fe Ga Ge Gr Hb He Ho Hs Hu Is It Ju No Po Rm Rs:B
Rs:C Rs:E Rs:N Rs:W Su

Asia, N. America

See also:

EQUISETUM x DYCEI C.N. PAGE
EQUISETUM x LITORALE KUHLEW. EX RUPR.

EQUISETUM x FONT-QUERI ROTHM. - Feddes Repert. 54(1):79 (1944)

- Br Ga Hs It ?Lu

Parents:

EQUISETUM PALUSTRE L.
EQUISETUM TELMATEIA EHRH.

EQUISETUM x GAMSII JANCHEN - Cat. Fl. Austr. 1:64 (1956)

HIPPOCHAETE x ARCTICA ROTHM., NOM. NUD. - Feddes Repert. 54(1):81 (1944)

EQUISETUM x ARCTICUM (ROTHM.) HYL., COMB. INVAL. - Nord. Karlvaxtfl. 1:14 (1953)

- Au ?No ?Su

Parents:

EQUISETUM SCIRPOIDES MICHX
EQUISETUM VARIEGATUM SCHLEICHER EX WEBER & MOHR

EQUISETUM HYEMALE L. - Sp. Pl. 1062 (1753)

EQUISETUM ALPINUM SCHUR - Osterr. Bot. Wochenbl. 417 (1857)

HIPPOCHAETE HYEMALIS (L.) BRUHIN - Verh. Zool.-Bot. Ges. Wien 18:760 (1868)

EQUISETUM ZONATUM KUMMERLE - Nov. Kozl. 15:148 (1916)

- Al Au Be Br Bu ?Co Cz Da Fa Fe Ga Ge Gr Hb He Ho Hs Hu Is It Ju No Po Rm Rs:B
Rs:C Rs:E ?Rs:K Rs:N Rs:W Su Tu

Asia, America

See also:

EQUISETUM x MOOREI NEWMAN
EQUISETUM x TRACHYODON A. BRAUN

EQUISETUM x LITORALE KUHLEW. EX RUPR. - Beitr. Pfl. Russ. Reich. 4:91 (1845)

EQUISETUM INUNDATUM LASCH - Bot. Centr. Deutschl. 2:25 (1846)

EQUISETUM ULIGINOSUM HUEGEL EX MILDE, NOM. NUD. - Monogr. Equiset. 26 (1867)

- Au Be Br Cz Da Fa Fe Ga Ge Hb He Ho Hs Hu Is It Ju Lu No Po Rm Rs:B Rs:C
Rs:E Rs:N Rs:W Sb Su

Parents:

EQUISETUM ARVENSE L.
EQUISETUM FLUVIATILE L.

EQUISETUM x MERIDIONALE (MILDE) CHIOV. - Fl. Alpi Lepont. Occid. 2:14 (1929)

EQUISETUM VARIEGATUM SCHLEICHER EX WEBER & MOHR VAR. MERIDIONALE MILDE -
Bot. Zeit. 19:458 (1862)

EQUISETUM x NAEGELIANA WALO KOCH EX ROTHM., NOM. NUD. - Feddes Repert.
54(1):81 (1944)

HIPPOCHAETE x NAEGELIANA (WALO KOCH) ROTHM., COMB. INVALID. - Feddes
Repert. 54(1):81 (1944)

HIPPOCHAETE x MERIDIONALIS (MILDE) J. HOLUB - Preslia 44:120 (1972)

- Cz He It

Parents:

EQUISETUM RAMOSISSIMUM DESF.
EQUISETUM VARIEGATUM SCHLEICHER EX WEBER & MOHR

EQUISETUM x MILDEANUM ROTHM. - Feddes Repert. 54(1):78 (1944)

- Br ?Cz Ge ?Po Rs

Parents:

EQUISETUM PRATENSE EHRH.
EQUISETUM SYLVATICUM L.

EQUISETUM x MONTELLII HIITONEN, NOM. NUD. - Suomen Kasvio 58 (1933)

EQUISETUM x SUECICUM ROTHM., NOM. NUD. - Feddes Repert. 54(1):80 (1944)

• Br ?Fe Su

Parents:

EQUISETUM ARVENSE L.
EQUISETUM PRATENSE EHRH.

EQUISETUM x MOOREI NEWMAN - Phytologist 5:19 (1854)

EQUISETUM SCHLEICHERI MILDE - Ann. Mus. Bot. Lugd.-Batav. 1(3):68 (1863)

EQUISETUM INTERMEDIUM SCHUR - Enum. Pl. Transs. 822 (1866)

EQUISETUM HYEMALE L. SSP. MOOREI (NEWMAN) D. MOORE & MORE - Contr. Cybele
Hibern. 364 (1866)

FQUISETUM HYEMALE L. VAR. OCCIDENTALE HY - Bull. Soc. Bot. Fr. 37:62
(1890)

EQUISETUM OCCIDENTALE (HY) COSTE - Fl. Fr. 3:714 (1906)

EQUISETUM x SAMUELSSONII WALO KOCH EX ROTHM., NOM. NUD. - Feddes Repert.
54(1):81 (1944)

HIPPOCHAETE x SAMUELSSONII (WALO KOCH) ROTHM., COMB. INVALID. - Feddes
Repert. 54(1):81 (1944)

HIPPOCHAETE MOOREI (NEWMAN) H.P. FUCHS - Acta Bot. Acad. Sci. Hung. 9:13
(1963)

- Al Au Be [Br] Bu Co Cr Cz Da Fe Ga Ge Gr Hb He Ho Hs Hu Is It ?Ju Lu No Po Rm
Rs:B Rs:C Rs:E Rs:K Rs:N Rs:W Su Tu

Parents:

EQUISETUM HYEMALE L.
EQUISETUM RAMOSISSIMUM DESF.

EQUISETUM PALUSTRE L. - Sp. Pl. 1061 (1753)

EQUISETUM NODOSUM HOPPE - Bot. Taschenb. 65 (1794)

EQUISETUM ARENARIUM OPIZ - Kratos 4:9 (1819)

EQUISETUM TENELLUM FRIES [NON SENSU AUCT. PLUR.] - Summa Veg. Scand. 59
(1846)

EQUISETUM TORGESIANUM ROTHM. PRO PARTE [PRO HYBR.] - Feddes Repert.
54(1):77 (1944)

- Al Au Be Br Bu Co ?Cr Cz Da Fa Fe Ga Ge Gr Hb He Ho Hs Hu Is It Ju Lu No Po
Rm Rs:B Rs:C Rs:E Rs:K Rs:N Rs:W ?Si Su Tu
Asia, America

See also:

EQUISETUM x DYCEI C.N. PAGE
EQUISETUM x FONT-QUERI ROTHM.
EQUISETUM x ROTHMALERI C.N. PAGE

EQUISETUM PRATENSE EHRH. - Hannover. Mag. 22:138 (1784)

EQUISETUM AMPHIBOLIUM RETZ. & SANDM. - Fl. Scand. Prodr. Suppl. 2:12
(1809)

EQUISETUM UMBROSUM J.G.F. MEYER EX WILLD. - Enum. Pl. Horti Berol. 1065
(1809)

EQUISETUM DRUMMONDII HOOKER - Brit. Fl. 454 (1830)

EQUISETUM EHRHARTII G.F.W. MEYER - Chloris Han. 666 (1836)

ALLOSTELITES PRATENSE (EHRH.) BORNER - Fl. Deutsche Volk 283 (1912)

- Au Br Cz Da Fa Fe Ga Ge Hb He Hu Is It Ju No Po Rm Rs:B Rs:C Rs:E Rs:N Rs:W Su
Asia, N. America

See also:

EQUISETUM x MILDEANUM ROTHM.
EQUISETUM x MONTELLII HIITONEN, NOM. NUD.

EQUISETUM RAMOSISSIMUM DESF. - Fl. Atl. 2:398 (1799)

EQUISETUM CAMPANULATUM POIRET - Encycl. Meth. Bot. 5:613 (1804)

EQUISETUM RAMOSUM DC. - Syn. Pl. Fl. Gall. 118 (1806)

EQUISETUM ELONGATUM WILLD. - Sp. Pl. ed. 4, 5(1):8 (1810)

EQUISETUM PALEACEUM SCHLEICHER, NOM. NUD. - Cat. Pl. Helv. ed. 4, 38
(1821)

EQUISETUM INCANUM VAUCHER - Mem. Soc. Phys. Hist. Nat. Geneve 1(2):382
(1822)

EQUISETUM MULTIFORME VAUCHER VAR. PALEACEUM SCHLEICHER EX VAUCHER - Mem.
Soc. Phys. Hist. Nat. Geneve 1(2):380 (1822)

EQUISETUM PALLIDUM BORY - Exped. Sci. Moree Bot., 3(2):282 (1832)

HIPPOCHAETE RAMOSISSIMA (DESF.) BORNER - Fl. Deutsche Volk 282 (1912)

EQUISETUM RAMOSISSIMUM DESF. SSP. PALEACEUM (SCHLEICHER EX VAUCHER)

PIGNATTI - Fl. d'Italia 1:43 (1982)

EQUISETUM RAMOSISSIMUM DESF. SSP. INCANUM (VAUCHER) PIGNATTI - Gior. Bot.
Ital. 116:93 (1983)

- Al Au Az Bl Br Bu Co Cr Cz Ga Ge Gr He Ho Hs Hu It Ju Lu Me Po Rm ?Rs:B Rs:C
Rs:E Rs:K Rs:W Sa Si Tu

Asia, America, Africa, Macaronesia

See also:

EQUISETUM x MERIDIONALE (MILDE) CHIOV.
EQUISETUM x MOOREI NEWMAN

EQUISETUM x ROTHMALERI C.N. PAGE - Watsonia 9:229 (1973)

EQUISETUM x TORGESIANUM SENSU AUCT. [NON ROTHM. (1944)] -

- Br

Parents:

EQUISETUM ARVENSE L.
EQUISETUM PALUSTRE L.

EQUISETUM SCIRPOIDES MICHX - Fl. Bor.-Amer. 2:281 (1803)

EQUISETUM REPTANS WAHLENB. - Fl. Lapp. 398 (1812)

EQUISETUM TENELLUM LEDEB. IN MILDE - Nova Acta Acad. Leop.-Carol. 32:596
(1865)

HIPPOCHAETE SCIRPOIDES (MICHX) FARWELL - Mem. New York Bot. Gard. 6:467
(1916)

- Fe Is No Rs:B Rs:C Rs:E Rs:N Sb Su

Siberia, Northern N. America

See also:

EQUISETUM x GAMSII JANCHEN

EQUISETUM SYLVATICUM L. - Sp. Pl. 1061 (1753)

EQUISETUM RAMOSUM GILIB. - Excerc. Phyt. 552 (1792)

EQUISETUM CAPILLARE HOFFM. - Deutschl. Fl. 2:3 (1796)

EQUISETUM UMBROSUM LAPEYR. [NON J.G.F. MEYER (1809)] - Hist. Abr. Pyr
618 (1813)

ALLOSTELITES SYLVATICUM (L.) BORNER - Fl. Deutsche Volk 283 (1912)

- Au Be Br Bu Cz Da Fe Ga Ge Gr Hb He Ho Hs Hu Is It Ju No Po Rm Rs:B Rs:C Rs:E
Rs:N Rs:W Su ?Tu

Asia, N. America

See also:

EQUISETUM x MILDEANUM ROTHM.

EQUISETUM TELMATEIA EHRH. - Hannover. Mag. 21:287 (1783)

EQUISETUM FLUVIATILE GOUAN [NON L. (1753)] - Fl. Monsp. 438 (1765)

EQUISETUM EBURNUM SCHREBER IN ROTH - Catalecta Bot. 1:108 (1797)

EQUISETUM BRAUNII MILDE - Verh. Zool.-Bot. Ges. Wien 12:515 (1862)

EQUISETUM MAXIMUM DUVAL-JOUVE [NON LAM. (1799)] - Hist. Nat. Equisetum Fr.
170 (1864)

EQUISETUM MAJUS GARS. EMEND. SCHINZ & THELL. - Mitt. Bot. Mus. Zurich
44:515 (1909)

ALLOSTELITES MAXIMUM BORNER - Fl. Deutsche Volk 283 (1912)

- Al Au Az Be Bl Br Bu Co Cr Cz Da Ga Ge Gr Hb He Ho Hs Hu It Ju Lu Po Rm Rs:B
Rs:K Rs:W Sa Si Su Tu

Asia, N. America, N. Africa

See also:

EQUISETUM x DUBIUM DOSTAL, NOM. NUD.

EQUISETUM x FONT-QUERI ROTHM.

EQUISETUM x TRACHYDON A. BRAUN - Flora (Regensb.) 22:305 (1839)

EQUISETUM HYEMALE L. SSP. TRACHYDON A. BRAUN, NOM. NUD. - Flora
(Regensb.) 21:160 (1838)

EQUISETUM ELONGATUM SENSU HOOKER [NON WILLD. (1810)] - London Jour. Bot.
(Hooker) 1:42 (1842)

EQUISETUM MACKAII (NEWMAN) BRICHAN - Phytologist 1:369 (1842)

EQUISETUM HYEMALE L. VAR. MACKAII NEWMAN - Phytologist 1:305 (1842)

EQUISETUM HYEMALE L. SSP. TRACHYDON (A. BRAUN) D. MOORE & MORE - Contr.
Cybele Hibern. 364 (1866)

HIPPOCHAETE TRACHYDON (A. BRAUN) BORNER - Fl. Deutsche Volk 283 (1912)

EQUISETUM x TRACHYDON A. BRAUN FO. FUCHSII GEISSERT - Bull. Soc. Bot.
Fr. 105:49 (1958)

HIPPOCHAETE ALSATICA H.P. FUCHS & GEISSERT - Bauhinia 7(1):10 (1980)

HIPPOCHAETE FUCHSII (GEISSERT) H.P. FUCHS & GEISSERT - Bauhinia 7(1):12
(1980)

- Al ?Au Be Br Bu Co Cr Cz ?Da ?Fe Ga Ge Gr Hb He Ho Hs Hu Is It Ju Lu ?No Po Rm
Rs:B Rs:C Rs:E Rs:K Rs:N Rs:W ?Su Tu

Greenland

Parents:

EQUISETUM HYEMALE L.

EQUISETUM VARIEGATUM SCHLEICHER EX WEBER & MOHR

EQUISETUM VARIEGATUM SCHLEICHER EX WEBER & MOHR - Bot. Taschenb. 60:447 (1807)

EQUISETUM VARIEGATUM SCHLEICHER, NOM. NUD. IN P. USTERI - Ann. Bot.
(Usteri) 15:124 (1797)

EQUISETUM VARIEGATUM SCHLEICHER EX WEBER & MOHR VAR. WILSONII NEWMAN -
Hist. Brit. Ferns ed.2, 6 & 39 (1844)

EQUISETUM SEROTINUM SCHUR - Enum. Pl. Transs. 822 (1866)

EQUISETUM HYEMALE L. SSP. VARIEGATUM (SCHLEICHER EX WEBER & MOHR) D. MOORE
& MORE - Contr. Cybele Hibern. 366 (1866)

EQUISETUM VARIEGATUM SCHLEICHER EX WEBER & MOHR SSP. WILSONII (NEWMAN) D.
MOORE & MORE - Contr. Cybele Hibern. 365 (1866)

- HIPPOCHAETE VARIEGATA (SCHLEICHER EX WEBER & MOHR) BRUHIN - Verh.
Zool.-Bot. Ges. Wien 18:760 (1868)
EQUISETUM TENELLUM KROK IN HARTMAN - Handb. Skand. Fl. 12:25 (1889)
- Au Be Br ?Co Cz Da Fa Fe Ga Ge Hb He Ho Hs Hu Is It Ju No Po Rm Rs:B Rs:C
Rs:N Rs:W Sb Su
Asia, America
See also:
EQUISETUM x GAMSII JANCHEN
EQUISETUM x MERIDIONALE (MILDE) CHIOV.
EQUISETUM x TRACHYODON A. BRAUN

GRAMMITIDACEAE (C. PRESL) R.-C. CHING
- Sunyatsenia 5:264 (1940)

- GRAMMITIS SWARTZ IN SCHRADER - Jour. fur die Bot. 1800(2):3 & 17 (1801)
GRAMMITIS JUNGERMANNIOIDES (KLOTZSCH) R.-C. CHING - Bull. Fan Mem. Inst. Biol.
Bot. (Peking) 10:240 (1941)
POLYPODIUM JUNGERMANNIOIDES KLOTZSCH - Linnaea 20:373 (1847)
- Az
Caribbean and Central America

HYMENOPHYLLACEAE LINK
- Handb. 3:36 (1833)

- HYMENOPHYLLUM SM. - Mem. Acad. Sci. (Turin) 5:418 t. 9(8) (1793)
HYMENOPHYLLUM TUNBRIGENSE (L.) SM. IN SOWERBY - Engl. Bot. 3: t. 162 (1794)
TRICHOMANES TUNBRIGENSE L. - Sp. Pl. 1098 (1753)
- Az Be Br ?Co ?Cz Ga Ge Hb Hs It
Americas, S. & E. Africa, Australasia
HYMENOPHYLLUM WILSONII HOOKER - Brit. Fl. 450 (1830)
HYMENOPHYLLUM PELTATUM SENSU AUCT. [NON DESV. (1827)] -
HYMENOPHYLLUM UNILATERALE SENSU AUCT. [NON BORY (1810)] -
- Az Br Fa Ga Hb Is No
Madeira, Islas Canarias
TRICHOMANES L. - Sp. Pl. 1097 (1753)
TRICHOMANES SPECIOSUM WILLD. - Sp. Pl. ed. 4, 5(1):514 (1810)
HYMENOPHYLLUM ALATUM SM. IN SOWERBY - Engl. Bot. 20: t. 1417 (1805)
TRICHOMANES EUROPAEUM SM. IN REES - Cyclop. 36 (1817)
TRICHOMANES ALATUM (SM.) HOOKER, NOM. ILLEGIT. [NON SWARTZ (1799)] IN
CURTIS - Fl. Lond. 2: t. 53 (1821)
TRICHOMANES HIBERNICUM SPRENGEL - Syst. Veg. ed. 16, 4(1):130 (1827)
TRICHOMANES ANDREWSII NEWMAN - Hist. Brit. Ferns 17 (1844)
VANDENBOSCHIA SPECIOSA (WILLD.) KUNKEL - Ber. Schweiz. Bot. Ges. 76:48
(1966)
TRICHOMANES RADICANS SENSU AUCT. [NON SWARTZ (1801)] -
- Az Br Ga Hb Hs It [Lu]
Madeira, Islas Canarias

ISOETACEAE DUMORT.
- Anal. Fam. Pl. 67 (1829)

ISOETES L. - Sp. Pl. 1100 (1753)

ISOETES AZORICA DURIEU EX MILDE - Fil. Eur. 278 (1867)

• Az

ISOETES BORYANA DURIEU - Bull. Soc. Bot. Fr. 8:164 (1861)

ISOETES VARIABILIS LE GRAND SSP. BORYANA (DURIEU) P. FOURN. - Quatre Fl. Fr. 5 (1934)

• Ga ?Hs

ISOETES BROCHONII MOTELAY - Actes Soc. Linn. Bordeaux 45:45, t. 2 (1892)

• Ga ?Hs

ISOETES DURIEI BORY - Compt. Rend. Acad. (Paris) 18:1166 (1844)

ISOETELLA DURIAEI (BORY) GENN. - Comment. Soc. Crittogam. Ital. 1:115 (1862)

CALAMARIA DURIAEI (BORY) O. KUNTZE - Revis. Gen. 2:828 (1891)

- Bl Co Ga Gr Hs It Lu Sa Si

Anatolia, Tunisia, Algeria

ISOETES ECHINOSPORA DURIEU - Bull. Soc. Bot. Fr. 8:164 (1861)

ISOETES TENELLA LEMAN EX DESV. - Ann. Soc. Linn. Paris 6:179 (1827)

ISOETES BRAUNII DURIEU [NON UNGER (1850)] - Bull. Soc. Bot. Fr. 11:101 (1864)

CALAMARIA ECHINOSPORA (DURIEU) O. KUNTZE - Revis. Gen. 2:828 (1891)

ISOETES LACUSTRIS SENSU AUCT. [NON L. (1753)] -

ISOETES SETACEA SENSU AUCT. [NON LAM. (1789)] -

- Be Br Bu Cz Da Fa Fe Ga Ge Gr Hb He Ho Hs Is ?It No Po Rs:B Rs:C Rs:N Su
Siberia, N. America

ISOETES HELDREICHII WETTST. - Verh. Zool.-Bot. Ges. Wien 36:239, t. 8 (1886)

• Gr

ISOETES HISTRIX BORY - Compt. Rend. Acad. (Paris) 18:1167 (1844)

ISOETES DELALANDEI LLOYD - Notes Fl. Ouest Fr. 25 (1851)

CEPHALOCERATON HISTRIX (BORY) GENN. - Comment. Soc. Crittogam. Ital. 1:111 (1862)

ISOETES SICULA TOD. - Gior. Sci. Nat. Econ. Palermo 1:251 (1866)

CALAMARIA HISTRIX (BORY) O. KUNTZE - Revis. Gen. 2:828 (1891)

ISOETES PHRYGIA HAUSSKN. - Mitt. Thur. Bot. Ver. 13:72 (1899)

ISOETES HISTRIX BORY SSP. DELALANDEI (LLOYD) P. FOURN. - Quatre Fl. Fr. 6 (1934)

ISOETES HISTRIX BORY SSP. SICULA (TOD.) P. FOURN. - Quatre Fl. Fr. 6 (1934)

ISOETES CHAETURETI MENDES - Agron. Lusit. 23:7, t. 1 (1961)

- Br Co Cr Ga Gr Hs It Ju Lu Me Sa Si

Mediterranean region

ISOETES LACUSTRIS L. - Sp. Pl. 1100 (1753)

CALAMARIA LACUSTRIS (L.) O. KUNTZE - Revis. Gen. 2:828 (1891)

- Au Br Cz Da Fa Fe Ga Ge Hb He Ho Hs Is ?It No Po Rs:B Rs:C Rs:N Su
Greenland

ISOETES MALINVERNIANA CESATI & DE NOT. - Ind. Sem. Horti Genuensis 1858:36 (1858)

• It

- ISOETES SETACEA LAM. - Encycl. Meth. Bot. 3:314 (1789)
 ISOETES SETACEA BOSCH EX DELILE - Mem. Mus. Hist. Nat. (Paris) 14:117 (1827)
 CALAMARIA SETACEA (LAM.) O. KUNTZE - Revis. Gen. 2:828 (1891)
 ISOETES DELILEI ROTHM. - Feddes Repert. 54:72 (1944)
- ?Co Ga Hs Lu
- ISOETES VELATA A. BRAUN IN BORY & DURIEU - Expl. Sci. Alger. (Bot.) 1:19, t. 37, f. 1 (1850)
 ISOETES VARIABILIS LE GRAND - Mem. Soc. Hist. Cher ser. 4, 1896:11 (1896)
 - Bl Co Ga Hs It Lu Sa Si
 N. Africa
- ISOETES VELATA A. BRAUN SSP. VELATA -
 ISOETES BAETICA WILLK. IN WILLK. & LANGE - Prodr. Fl. Hisp. 1:14 (1861)
 - Bl Co Ga Hs It Lu Sa Si
 North Africa
- ISOETES VELATA A. BRAUN SSP. ADSPERSA (A. BRAUN) BATT. & TRABUT - Fl. Alger. Tunisie 407 (1905)
 ISOETES ADSPERSA A. BRAUN IN BORY & DURIEU - Expl. Sci. Algerie Atlas t. 37, f. 3 (1849)
 CALAMARIA ADSPERSA (A. BRAUN) O. KUNTZE - Revis. Gen. 2:828 (1891)
 - Ga
 Tunisia, Algeria, Morocco
- ISOETES VELATA A. BRAUN SSP. ASTURICENSIS (LAINZ) RIVAS MARTINEZ & PRADA - Lazaroa 2:327 (1980)
 ISOETES BORYANA DURIEU SSP. ASTURICENSIS LAINZ - Bol. Inst. Estud. Astur. (Supl. Ci.) 15:6 (1970)
 ISOETES ASTURICENSIS (LAINZ) LAINZ - Anuario Soc. Brot. 39:118 (1973)
- Hs
- ISOETES VELATA A. BRAUN SSP. DUBIA (GENN.) BATT. & TRABUT - Fl. Alger. Tunisie 407 (1905)
 ISOETES DUBIA GENN. - Comment. Soc. Crittogam. Ital. 1:104 (1861)
 - It Si
 Tunisia, Algeria
- ISOETES VELATA A. BRAUN SSP. LONGISSIMA (BORY) W. GREUTER & BURDET IN W. GREUTER, BURDET & G. LONG - Med-Checklist 1:5 (1984)
 ISOETES LONGISSIMA BORY - Compt. Rend. Acad. Sci. (Paris) 18:1165 (1844)
- ?Ga Hs
- ISOETES VELATA A. BRAUN SSP. TEGULENSIS BATT. & TRABUT - Fl. Alger. Tunisie 407 (1905)
 ISOETES TEGULENSIS GENN., NOM. ILLEGIT. - Comment. Soc. Crittogam. Ital. 1:106 (1861)
 ISOETES TIGULIANA GENN. - Comment. Soc. Crittogam. Ital. 1:42 (1861)
 - Sa Si
 Tunisia, Algeria, Morocco
- ISOETES VELATA A. BRAUN SSP. TENUISSIMA (BOREAU) O. BOLOS & VIGO - Butl. Inst. Catalana Hist. Nat. 38:64 (1974)
 ISOETES TENUISSIMA BOREAU - Bull. Soc. Industr. Angers 21:269 (1850)
 ISOETES VIOLLAEI HY - Jour. Bot. (Paris) 7:432 (1893)
 ISOETES CHABOISSAEI HY - Jour. Bot. (Paris) 8:97 (1894)
- Bl Ga Hs

LOMARIOPSIDACEAE ALSTON

- Taxon 5:25 (1956)

ELAPHOGLOSSUM SCHOTT EX SM. - Jour. Bot. (Hooker) 4:148 (1841)

ELAPHOGLOSSUM SEMICYLINDRICUM (BOWDICH) BENL - Bot. Macaronesica 6:59 (1980)

LOMARIA SEMICYLINDRICA BOWDICH - Exc. Madeira 50 (1825)

ACROSTICHUM SQUAMOSUM SWARTZ, NOM. ILLEGIT. IN SCHRADER - Jour. fur die Bot. 1800(2):11 (1801)

ACROSTICHUM PALEACEUM HOOKER & GREV. - Icon. Fil. 2: t. 235 (1831)

ELAPHOGLOSSUM SQUAMOSUM (SWARTZ) J. SM., COMB. ILLEGIT. - Jour. Bot. (London) 4:148 (1841)

ELAPHOGLOSSUM PALEACEUM (HOOKER & GREV.) SLEDGE - Bull. Brit. Mus. (Bot.) 4(2):95 (1967)

ELAPHOGLOSSUM HIRTUM SENSU AUCT. [NON (SWARTZ) C. CHR. (1905)] -

- Az

Madeira

LYCOPODIACEAE BEAUV. EX MIRBEL

IN LAM. & MIRBEL - Hist. Nat. Veg. 4:293 (1802)

DIPHASIASTRUM J. HOLUB - Preslia 47:104 (1975)

DIPHASIASTRUM ALPINUM (L.) J. HOLUB - Preslia 47:107 (1975)

LYCOPODIUM ALPINUM L. - Sp. Pl. 1104 (1753)

LYCOPODIUM CUPRESSIFOLIUM OPIZ - Kratos 4:15 (1819)

LYCOPODIUM ALPINUM L. SSP. EU-ALPINUM DOMIN - Rozpr. Cesk. Akad. Ved. 47(19):5 (1938)

DIPHASIAM ALPINUM (L.) ROTHM. - Feddes Repert. 54:65 (1944)

LYCOPODIUM ALPINUM L. SSP. CUPRESSIFOLIUM (OPIZ) DOSTAL - Kvetena CSR 8 (1948)

- Au Br Bu Cz Da Fa Fe Ga Ge Hb He Hs Is It Ju No Po Rm Rs:C Rs:N Rs:W Su

Asia, America

See also:

DIPHASIASTRUM x ISSLERI (ROUY) J. HOLUB

DIPHASIASTRUM COMPLANATUM (L.) J. HOLUB - Preslia 47:108 (1975)

- Au Az Bu Cz Da Fe Ge He Ho Hs Hu It Ju No Po Rm Rs:B Rs:C Rs:E Rs:N Rs:W Su

Asia, America

See also:

DIPHASIASTRUM x ISSLERI (ROUY) J. HOLUB

DIPHASIASTRUM x ZEILLERI (ROUY) J. HOLUB

DIPHASIASTRUM COMPLANATUM (L.) J. HOLUB SSP. COMPLANATUM -

LYCOPODIUM COMPLANATUM L. - Sp. Pl. 1104 (1753)

LYCOPODIUM ANCEPS WALLR. [NON C. PRESL (1830)] - Linnaea 14:676 (1841)

LYCOPODIUM COMPLANATUM L. SSP. ANCEPS (WALLR.) ASCHERSON IN ASCHERSON &

GRAEBNER - Syn. Mitteleur. Fl. 1:155 (1896)

DIPHASIAM COMPLANATUM (L.) ROTHM. - Feddes Repert. 54:64 (1944)

DIPHASIAM ANCEPS (WALLR.) A. & D. LOVE - Nucleus (Calcutta) 1(1):7 (1958)

DIPHASIAM WALLROTHII H.P. FUCHS - Acta Bot. Acad. Sci. Hung. 9:13 (1963)

- Au Az Cz Da Fe Ga Ge He Ho Hs Hu It Ju No Po Rm Rs:B Rs:C Rs:E Rs:N Rs:W Su

DIPHASIASTRUM COMPLANATUM (L.) J. HOLUB SSP. MONTELLII (KUKK.) KUKK. IN

HAMET-AHTI & KUKK. - Ann. Bot. Fenn. 21(2):210 (1984)

DIPHASIAM COMPLANATUM (L.) ROTHM. SSP. MONTELLII KUKK. - Ann. Bot. Fenn. 7:142 (1970)

DIPHASIAM COMPLANATUM (L.) ROTHM. VAR. MONTELLII KUKK., NOM. INVAL. -
Ann. Bot. Fenn. 4:469 (1967)

• Fe No Rs:C Rs:N Su

DIPHASIASTRUM x ISSLERI (ROUY) J. HOLUB - Preslia 47:108 (1975)
LYCOPODIUM ALPINUM L. RA. ISSLERI ROUY - Fl. Fr. 14:489 (1913)
LYCOPODIUM ISSLERI (ROUY) DOMIN - Veda Prir. 18:204 (1937)
LYCOPODIUM COMPLANATUM L. SSP. ISSLERI (ROUY) DOMIN - Bull. Int. Acad.
Tcheque Sci. 38:13 (1937)
DIPHASIAM ISSLERI (ROUY) J. HOLUB - Preslia 32:423 (1960)

- Au ?Be Cz Ga Ge He It Ju Po

Parents:

DIPHASIASTRUM ALPINUM (L.) J. HOLUB
DIPHASIASTRUM COMPLANATUM (L.) J. HOLUB

DIPHASIASTRUM KABLIKIANUM (DOMIN) DOSTAL IN HEGI - Ill. Fl. Mitteleur. ed. 3,
1(1):35 (1984)

LYCOPODIUM ALPINUM L. SSP. KABLIKIANUM DOMIN - Rozpr. Cesk. Akad. Ved.
47(19):13 (1937)

- ?Cz ?Po

DIPHASIASTRUM MADEIRENSE (WILCE) J. HOLUB - Preslia 47:108 (1975)

LYCOPODIUM MADEIRENSE WILCE - Nova Hedwigia 3:93 (1961)

DIPHASIAM MADEIRENSE (WILCE) ROTHM. - Feddes Repert. 66:235 (1962)

- Az

Madeira

DIPHASIASTRUM TRISTACHYUM (PURSH) J. HOLUB - Preslia 47:108 (1975)

LYCOPODIUM TRISTACHYUM PURSH - Fl. Amer. Sept. 2:653 (1814)

LYCOPODIUM CHAMAECYPARISSUS A. BRAUN EX MUTEL - Fl. Fr. 4:192 (1837)

LYCOPODIUM COMPLANATUM SENSU WALLR. - Linnaea 14:676 (1840)

LYCOPODIUM COMPLANATUM L. SSP. CHAMAECYPARISSUS (A. BRAUN EX MUTEL) CELAK.
- Prodr. Fl. Bohm. 1:14 (1867)

DIPHASIAM TRISTACHYUM (PURSH) ROTHM. - Feddes Repert. 54:65 (1944)

DIPHASIAM THYOIDES SENSU O. SCHWARZ [NON HUMB. & BONPL. (1810)] - Mitt.
Thur. Bot. Ges. 1:84 (1949)

LYCOPODIUM COMPLANATUM L. SSP. TRISTACHYUM (PURSH) DOSTAL - Kvetena CSR 6
(1950)

DIPHASIAM CHAMAECYPARISSUS (A. BRAUN EX MUTEL) A. & D. LOVE - Bot. Not.
114:34 (1961)

DIPHASIAM COMPLANATUM (L.) ROTHM. SSP. CHAMAECYPARISSUS (A. BRAUN EX
MUTEL) KUKK. - Ann. Bot. Fenn. 4:469 (1967)

DIPHASIASTRUM COMPLANATUM (L.) J. HOLUB SSP. CHAMAECYPARISSUS (A. BRAUN EX
MUTEL) KUKK. IN HAMET-AHTI & KUKK. - Ann. Bot. Fenn. 21(2):210 (1984)

LYCOPODIUM THYOIDES SENSU AUCT. [NON HUMB. & BONPL. (1810)] -

- ?Au Be Cz Da Fe Ga Ge He Ho Hu It Ju No Po Rm Rs:B Rs:C Su

Anatolia, N. America

See also:

DIPHASIASTRUM x ZEILLERI (ROUY) J. HOLUB

DIPHASIASTRUM x ZEILLERI (ROUY) J. HOLUB - Preslia 47:108 (1975)

LYCOPODIUM COMPLANATUM L. RA. ZEILLERI ROUY - Fl. Fr. 14:491 (1913)

DIPHASIAM ZEILLERI (ROUY) DAMBOLDT - Ber. Bayer. Bot. Ges. 36:26 (1963)

LYCOPODIUM ZEILLERI (ROUY) W. GREUTER & BURDET - Willdenowia 10:229 (1980)

DIPHASIASTRUM COMPLANATUM (L.) J. HOLUB SSP. ZEILLERI (ROUY) KUKK. - Ann.
Bot. Fenn. 23:265 (1986)

- Au Be Cz Da Fe Ga Ge Ho No Po Rs:B Rs:C Su

Anatolia, Caucasus, N. America

Parents:

DIPHASIASTRUM COMPLANATUM (L.) J. HOLUB
DIPHASIASTRUM TRISTACHYUM (PURSH) J. HOLUB

- HUPERZIA BERNH. IN SCHRADER - Jour. fur die Bot. 1800(2):126 (1801)
- HUPERZIA SELAGO (L.) BERNH. EX SCHRANK & C.F.P. MART. - Hort. Monac. 3 (1829)
 LYCOPODIUM SELAGO L. - Sp. Pl. 1102 (1753)
 PLANANTHUS SELAGO (L.) BEAUV. - Prodr. Aetheog. 112 (1805)
 LYCOPODIUM RECURVUM KIT. EX WILLD. - Sp. Pl. ed. 4, 5(1):50 (1810)
 LYCOPODIUM SELAGO L. VAR. APPRESSUM LA PYLAIE EX DESV. - Ann. Soc. Linn. Paris 6:180 (1827)
 LYCOPODIUM SUBERECTUM LOWE - Trans. Cambr. Philos. Soc. 4:9 (1831)
 PLANANTHUS FASTIGIATUS OPIZ - Seznam 202 (1852)
 PLANANTHUS RECURVUS (KIT. EX WILLD.) OPIZ - Seznam 202 (1852)
 LYCOPODIUM DENTATUM HERTER - Bot. Jahrb. 43(Beibl. 98):41 (1909)
 UROSTACHYS SELAGO (L.) HERTER - Beih. Bot. Centr. 39:249 (1922)
 LYCOPODIUM APPRESSUM (DESV.) PETROV - Fl. Iakut. 1:37 (1930)
 UROSTACHYS DENTATUS (HERTER) HERTER EX NESSEL - Barlapp. 41 (1939)
 LYCOPODIUM ARCTICUM GROSSH., NOM. NUD. - Fl. Kavk. ed. 2, 4:374 (1950)
 LYCOPODIUM SELAGO L. SSP. SUBERECTUM (LOWE) ROMARIZ - Revista Fac. Ci. (Lisboa) 3(1):71 (1953)
 MIRMAU SELAGO (L.) H.P. FUCHS - Verh. Naturf. Ges. Basel 66:44 (1955)
 LYCOPODIUM SELAGO L. SSP. ARCTICUM GROSSH. EX TOLM. - Bot. Mater. Gerb. Bot. Inst. Komarova Akad. Nauk SSSR 20:36 (1960)
 HUPERZIA SELAGO (L.) BERNH. EX SCHRANK & C.F.P. MART. SSP. ARCTICA (GROSSH.) A. & D. LOVE - Bot. Not. 114:35 (1961)
 HUPERZIA APPRESSA (DESV.) A. & D. LOVE - Bot. Not. 114:34 (1961)
 HUPERZIA SELAGO (L.) BERNH. EX SCHRANK & C.F.P. MART. SSP. DENTATA (HERTER) VALENTINE - Feddes Repert. 69:44 (1964)
 HUPERZIA SELAGO (L.) BERNH. EX SCHRANK & C.F.P. MART. SSP. SUBERECTA (LOWE) FRANCO & VASC., COMB. ILLEGIT. IN VASC. & FRANCO - Bol. Brot. ser. 2, 41:23 (1967)
 LYCOPODIUM SELAGO L. SSP. APPRESSUM (DESV.) HULTEN - Ark. Bot. 7(1):7 (1968)
 HUPERZIA SUBERECTA (LOWE) TARDIEU-BLOT - Adansonia ser. 2, 10:20 (1970)
 HUPERZIA ARCTICA (GROSSH. EX TOLM.) SIPLIV. - Nov. Syst. Pl. Vasc. (Leningrad) 10:347 (1973)
 HUPERZIA SELAGO (L.) BERNH. EX SCHRANK & C.F.P. MART. SSP. APPRESSA (DESV.) D. LOVE -
 LYCOPODIUM SUBERECTUM SENSU AUCT. FL. AZOR. [NON LOWE (1830)] -
 - Al Au Az Be Br Bu Co Cz Da Fa Fe Ga Ge Hb He Ho Hs Hu Is It Ju No Po Rm Rs: B
 Rs: C Rs: N Rs: W Sb Su
 Asia, Madeira, Madagascar

LYCOPODIELLA J. HOLUB - Preslia 36:20 (1964)

- LYCOPODIELLA CERNUA (L.) PICHI-SERM. - Webbia 23:166 (1968)
 LYCOPODIUM CERNUUM L. - Sp. Pl. 1103 (1753)
 LEPIDOTIS CERNUA (L.) BEAUV. - Magas. Encycl. 5:479 (1804)
 PALHINHAEA CERNUA (L.) FRANCO & VASC. IN VASC. & FRANCO - Bol. Soc. Brot. ser. 2, 41:25 (1967)
 - Az [Lu] [Si]
 Lebanon, Syria, Madeira, Pantropical

- LYCOPODIELLA INUNDATA (L.) J. HOLUB - Preslia 36:21 (1964)
 LYCOPODIUM INUNDATUM L. - Sp. Pl. 1102 (1753)
 LYCOPODIUM PALUSTRE LAM. - Fl. Fr. 1:33 (1778)
 LEPIDOTIS INCURVA OPIZ - Kratos 4:15 (1819)

LEPIDOTIS INUNDATA (L.) OPIZ - Seznam 195 (1852)

- Au Az Be Br Bu Cz Da Fe Ga Ge Hb He Ho Hs It Ju Lu No Po Rm Rs:B Rs:C Rs:E
Rs:N Rs:W Su

N. America, Asia, Madeira

LYCOPODIUM L. - Sp. Pl. 1100 (1753)

LYCOPODIUM ANNOTINUM L. - Sp. Pl. 1103 (1753)

LYCOPODIUM JUNIPERIFOLIUM LAM. - Fl. Fr. 1:33 (1778)

LEPIDOTIS ANNOTINA (L.) BEAUV. - Prodr. Aetheog. 107 (1805)

- Au Be Br Cz Da Fe Ga Ge He Ho Hs Hu It Ju No Po Rm Rs:B Rs:C Rs:N Rs:W Su
Temperate Asia, N. America

LYCOPODIUM CLAVATUM L. - Sp. Pl. 1101 (1753)

LYCOPODIUM OFFICINALE NECKER - Meth. Musc. 150 (1771)

LEPIDOTIS CLAVATA (L.) BEAUV. - Prodr. Aetheog. 108 (1805)

LYCOPODIUM VULGARE DILL. - Hist. Musc. 471 (1811)

LYCOPODIUM CLAVATUM L. VAR. MONOSTACHYON GREV. & HOOKER IN HOOKER - Bot.
Misc. 2:375 (1831)

LYCOPODIUM CLAVATUM L. FO. LAGOPUS LAEST. IN HARTMAN - Handb. Skand. Fl.
ed. 7, 313 (1858)

LYCOPODIUM CLAVATUM L. SSP. MONOSTACHYON (GREV. & HOOKER) SELANDER - Acta
Phytogeogr. Suec. 28:7 (1950)

LYCOPODIUM LAGOPUS (LAEST.) ZINSERL. EX KUZEN. IN GORODKOV - Fl.

Murmansk. 1:80 (1953)

- Au Be Br Bu Cz Da Fe Ga Ge Hb He Ho Hs Hu Is It Ju Lu No Po Rm Rs:B Rs:C Rs:E
Rs:N Rs:W Su

Asia, America, Africa

LYCOPODIUM DUBIUM ZOEGA - Fl. Isl. 11 (1772)

LYCOPODIUM PUNGENS LA PYLAIE EX DESV., NOM. NUD. IN SYN. - Ann. Soc.

Linn. Paris 6:182 (1827)

LYCOPODIUM ANNOTINUM L. VAR. ALPESTRE HARTMAN - Handb. Skand. Fl. ed. 2,
294 (1832)

LYCOPODIUM PUNGENS LA PYLAIE EX KOMAROV - Fl. URSS 1:91 (1934)

LYCOPODIUM ANNOTINUM L. SSP. ALPESTRE (HARTMAN) A. & D. LOVE - Nucleus
(Calcutta) 1(1):7 (1958)

LYCOPODIUM ANNOTINUM L. SSP. PUNGENS (LA PYLAIE EX KOMAROV) HULTEN - Ark.
Bot. 7(1):7 (1968)

- Fa Fe Is No Rs:N Su

N. Asia

MARSILEACEAE MIRBEL

- Hist. Nat. Veg. 5:126 (1802)

MARSILEA L. - Sp. Pl. 1099 (1753)

MARSILEA AEGYPTIACA WILLD. - Sp. Pl. ed. 4, 5(1):540 (1810)

- Hs Rs:E

N. Africa & S.W. Asia

MARSILEA AZORICA LAUNERT & PAIVA IN A. FERNANDES & R. FERNANDES - Icon.
Selecta Fl. Azor. 2:159 (1983)

● Az

MARSILEA BATARDAE LAUNERT - Bol. Soc. Brot. ser. 2, 56:101 (1983)

MARSILEA STRIGOSA SENSU AUCT. [NON WILLD. (1810)] -

MARSILEA PUBESCENS SENSU AUCT. [NON TEN. (1815)] -

• Hs Lu

MARSILEA QUADRIFOLIA L. - Sp. Pl. 1099 (1753)

MARSILEA QUADRIFOLIATA L. SPHALM. - Sp. Pl. ed. 2, 1563 (1763)

MARSILEA VESTITA SENSU AUCT. [NON HOOKER & GREV. (1829)] -

- Al Au Az Bu Cz Ga Ge He Hs Hu It Ju Lu ?Po Rm Rs:E Rs:W Sa

Asia, N. America, Islas Canarias

MARSILEA STRIGOSA WILLD. - Sp. Pl. ed. 4, 5(1):539 (1810)

MARSILEA PUBESCENS TEN. - Cat. Pl. Horti Neap. App. 1:76 (1815)

MARSILEA FABRI DUNAL - Ann. Sci. Nat. ser. 2, 6:378 (1836)

- Bl Ga Hs It Rs:E Sa

Egypt, Algeria, Morocco

PILULARIA L. - Sp. Pl. 1100 (1753)

PILULARIA GLOBULIFERA L. - Sp. Pl. 1100 (1753)

• Be Br Cz Da Fe Ga Ge Hb He Ho Hs It Ju Lu No Po Su

PILULARIA MINUTA DURIEU - Expl. Sci. Algerie Atlas t. 38, f. 1-20 (1848)

- Co Ga Gr Ju Lu Sa Si

Algeria and Morocco

OPHIOGLOSSACEAE (R. BR.) AGARDH

- Apher. Bot. 8:113 (1822)

BOTRYCHIUM SWARTZ IN SCHRADER - Jour. fur die Bot. 1800(2):8 & 110 (1801)

BOTRYCHIUM BOREALE MILDE - Nova Acta Acad. Leop.-Carol. 26(2):627, 757 (1858)

- Fe Is No Rs:N Su

BOTRYCHIUM LANCEOLATUM (S.G. GMELIN) ANGSTROM - Bot. Not. 1854:68 (1854)

OSMUNDA LANCEOLATA S.G. GMELIN - Novi Comment. Acad. Sci. Petrop. 12:516 (1768)

BOTRYCHIUM MATRICARIAEFOLIUM FRIES [NON (RETZ.) A. BRAUN EX KOCH (1845)]

- Summa Veg. Scand. 1:252 (1846)

BOTRYCHIUM PALMATUM C. PRESL - Tent. Pteridogr. Suppl. 43 (1847)

- Au Fe He Is It No Po Rs:B Rs:C Rs:N Su

Asia, N. America

BOTRYCHIUM LUNARIA (L.) SWARTZ IN SCHRADER - Jour. fur die Bot. 1800(2):110 (1801)

OSMUNDA LUNARIA L. - Sp. Pl. 1064 (1753)

OPHIOGLOSSUM PENNATUM LAM. - Fl. Fr. 1:9 (1778)

- Al Au Az Be Br Bu Co ?Cr Cz Da Fa Fe Ga Ge Gr Hb He Ho Hs Hu Is It Ju No Po Rm Rs:B Rs:C Rs:E Rs:K Rs:N Rs:W Sa Si Su

Asia, N. & S. America, Australasia, N.W. Africa

BOTRYCHIUM MATRICARIAEFOLIUM (RETZ.) A. BRAUN EX KOCH - Syn. Fl. Germ. ed. 2, 972 (1845)

OSMUNDA LUNARIA L. VAR. MATRICARIAEFOLIA RETZ. - Fl. Scand. Prodr. 203 (1779)

OSMUNDA RAMOSA ROTH - Tent. Fl. Germ. 1:444 (1788)

BOTRYCHIUM RUTACEUM WILLD., NOM. ILLEGIT. [NON (LILJEBLAD) SWARTZ (1801)]
 - Sp. Pl. ed. 4, 5(1):62 (1810)
 BOTRYCHIUM LANCEOLATUM RUPR. [NON (S.G. GMELIN) ANGSTROM (1854)] - Distr.
 Crypt. Vasc. Ross. 33 (1845)
 BOTRYCHIUM LUNARIA (L.) SWARTZ SSP. MATRICARIIFOLIUM (RETZ.) HARTMAN -
 Svensk Norsk Excurs.-Fl. ed. 1, 151 (1846)
 BOTRYCHIUM TENELLUM ANGSTROM - Bot. Not. 1854:69 (1854)
 BOTRYCHIUM RAMOSUM (ROTH) ASCHERSON - Fl. Brandenb. 1:906 (1864)
 - Al Au Co Cz Da Fe Ga Ge He Hs Hu It Ju No Po ?Rm Rs:B Rs:C Rs:N Rs:W Su
 N. America

BOTRYCHIUM MULTIFIDUM (S.G. GMELIN) RUPR. - Beitr. Pfl. Russ. Reich. 11:40
 (1859)

OSMUNDA MULTIFIDA S.G. GMELIN - Novi Comment. Acad. Sci. Petrop. 12:517
 (1768)

LUNARIA SILESIACA TREW, NOM. INVAL. - Nova Acta Acad. Leop.-Carol. 1:56
 (1757)

OSMUNDA TERNATA THUNB. - Fl. Jap. 329 (1784)

OSMUNDA MATRICARIAE SCHRANK - Baier. Fl. 2:419 (1789)

OSMUNDA RUTACEA LILJEBLAD - Utkast. Sv. Fl. ed. 1, 303 (1792)

BOTRYCHIUM RUTACEUM (LILJEBLAD) SWARTZ, EXCL. SYN. IN SCHRADER - Jour.
 fur die Bot. 1800(2):111 (1801)

BOTRYCHIUM TERNATUM (THUNB.) SWARTZ IN SCHRADER - Jour. fur die Bot.
 1800(2):111 (1801)

OSMUNDA BAVARICA SCHMID IN HOPPE - Bot. Taschenb. 1803:7 (1803)

BOTRYCHIUM MATRICARIOIDES WILLD. - Sp. Pl. ed. 4, 5(1):62 (1810)

BOTRYCHIUM LUNARIA (L.) SWARTZ VAR. RUTACEA (LILJEBLAD) LILJEBLAD -
 Utkast Sv. Fl. ed. 3, 519 (1816)

BOTRYCHIUM MATRICARIAE (SCHRANK) SPRENGEL - Syst. Veg. 4:23 (1827)

BOTRYCHIUM RUTAEFOLIUM A. BRAUN IN DOLL - Rhein. Fl. 24 (1843)

BOTRYCHIUM BREYNI FRIES - Summa Veg. Scand. 252 (1846)

BOTRYCHIUM SILESIACUM KIRSCHLEGER - Fl. Alsace 2:401 (1857)

SCEPTRIDIUM MULTIFIDUM (S.G. GMELIN) TAG. - Acta Phytotax. Geobot.
 (Kyoto) 9:87 (1940)

- Au Cz Da Fe Ga Ge He Hu It Ju No Po Rm Rs:B Rs:C Rs:N Rs:W Su
 Asia, N. America

BOTRYCHIUM SIMPLEX E. HITCHC. IN SILLIMAN - Amer. Jour. Sci. Arts 6:103 (1823)

BOTRYCHIUM KANNENBERGII KLINSMANN - Bot. Zeit. 10:378 (1852)

BOTRYCHIUM REUTERI PAYOT - Cat. Foug. Mont-Blanc 15 (1860)

BOTRYCHIUM TENEBROSUM A. EATON - Fern Bull. 7:8 (1899)

- Au Co Cz Da Fe Ga Ge Gr He Is It Ju No Po Rs:B Rs:C Rs:N Su
 N. America, Japan

BOTRYCHIUM VIRGINIANUM (L.) SWARTZ IN SCHRADER - Jour. fur die Bot.
 1800(2):111 (1801)

OSMUNDA VIRGINIANA L. - Sp. Pl. 1064 (1753)

BOTRYCHIUM CICUTARIUM SWARTZ - Syn. Fil. 171 (1806)

BOTRYCHIUM VIRGINICUM WILLD. - Sp. Pl. ed. 4, 5(1):64 (1810)

BOTRYCHIUM ANTHEMOIDES C. PRESL - Abh. Bohm. Ges. Wiss. (Math.-Nat.) ser.
 5, 5:323 (1848)

BOTRYCHIUM VIRGINIANUM (L.) SWARTZ VAR. EUROPAEUM ANGSTROM - Bot. Not.
 1854:68 (1854)

BOTRYCHIUM VIRGINIANUM (L.) SWARTZ SSP. EUROPAEUM (ANGSTROM) JAV. -
 Magyar Fl. 18 (1924)

BOTRYCHIUM VIRGINIANUS (L.) J. HOLUB - Preslia 45:277 (1973)

- Au Cz Fe Ge He It Ju Po Rm Rs:B Rs:C Rs:N Rs:W Su
 Asia, N. America

OPHIOGLOSSUM L. - Sp. Pl. 1062 (1753)

OPHIOGLOSSUM AZORICUM C. PRESL - Tent. Pteridogr. Suppl. 49 (1845)

OPHIOGLOSSUM VULGATUM L. VAR. AMBIGUUM COSSON & GERM. - Fl. Env. Paris ed. 2, 873 (1861)

OPHIOGLOSSUM SABULICOLIUM SAUZE & MAILLARD - Fl. Deux-Sevres ed. 1, 2(2):451 (1880)

OPHIOGLOSSUM VULGATUM L. SSP. AMBIGUUM (COSSON & GERM.) E.F. WARBURG - Watsonia 4:41 (1957)

OPHIOGLOSSUM POLYPHYLLUM SENSU AUCT. [NON A. BRAUN (1844)] -

OPHIOGLOSSUM VULGATUM L. SSP. POLYPHYLLUM SENSU AUCT. [NON A. BRAUN (1844)] -

- Az Br Co Cz Ga Hb Hs Is It Lu Po ?Sa

Madeira, Islas Canarias

OPHIOGLOSSUM LUSITANICUM L. - Sp. Pl. 1063 (1753)

- Az Bl Br Co Cr Ga Gr Hs It Ju Lu Sa Si Tu

Mediterranean region, Asia, N. America, Australasia

OPHIOGLOSSUM POLYPHYLLUM A. BRAUN IN SEUB. - Fl. Azor. 17 (1844)

OPHIOGLOSSUM CAPENSE SWARTZ VAR. REGULARE SCHLECHT. - Adumbr. Pl. 1:9 (1825)

OPHIOGLOSSUM REGULARE (SCHLECHT.) C. CHR. - Ind. Fil. 472 (1906)

OPHIOGLOSSUM CAPENSE SENSU AUCT. [NON SWARTZ (1803)] -

- Lu

Morocco

OPHIOGLOSSUM VULGATUM L. - Sp. Pl. 1062 (1753)

OPHIOGLOSSUM OVATUM SALISB. - Prodr. 401 (1796)

OPHIOGLOSSUM ALPINUM ROUY - Bull. Soc. Bot. Fr. 44:437 (1897)

- Al Au Be Br Bu Co Cz Da Fe Ga Ge Gr Hb He Ho Hs Hu It Ju Lu No Po Rm Rs:B
Rs:C Rs:E Rs:K Rs:N Rs:W Sa Si Su

Asia, N. America, Africa

OSMUNDACEAE BERCHTOLD & J. PRESL

- Prir. Rostlin 1:272 (1820)

OSMUNDA L. - Sp. Pl. 1063 (1753)

OSMUNDA REGALIS L. - Sp. Pl. 1065 (1753)

STRUTHOPTERIS REGALIS (L.) BERNH. IN SCHRADER - Jour. fur die Bot. 1800(2):126 (1801)

OSMUNDA PLUMIERI TAUSCH - Flora (Regensb.) 19:426 (1836)

- Al Az Be Br Bu Co Cr [Cz] Da Ga Ge Gr Hb He Ho Hs It Ju Lu No Po ?Rs:K Sa Si
Su Tu

Africa, N. & S. America, Asia

PARKERIACEAE HOOKER

- Exot. Fl. 2(20): t. 147 (1825)

CERATOPTERIS BRONGN. - Bull. Soc. Philom. Paris ser. 3, 8:186 (1821)

CERATOPTERIS THALICTROIDES (L.) BRONGN. - Bull. Soc. Philom. Paris ser. 3, 8:186 (1821)

ACROSTICHUM THALICTROIDES L. - Sp. Pl. 1070 (1753)

- Au ?Ju

Cosmopolitan tropical

POLYPODIACEAE BERCHTOLD & J. PRESL
- Prir. Rostlin 1:272 (1820)

POLYPODIUM L. - Sp. Pl. 1082 (1753)

POLYPODIUM CAMBRICUM L. - Sp. Pl. 1086 (1753)

- Al Az Bl Br Bu Co Cr Ga Gr Hb He Hs It Ju Lu Rs:K Sa Si Tu

POLYPODIUM CAMBRICUM L. SSP. CAMBRICUM -

POLYPODIUM VULGARE L. VAR. SERRATUM WILLD. - Sp. Pl. ed. 4, 5(1):173 (1810)

POLYPODIUM AUSTRALE FEE - Mem. Fam. Foug. 5:236 (1852)

POLYPODIUM SERRATUM (WILLD.) SAUTER [NON AUBLET (1775)] IN A. KERNER - Sched. Fl. Exsicc. Austro-Hung. 2:150 (1882)

POLYPODIUM VULGARE L. SSP. CAMBRICUM (L.) ARCANGELI - Comp. Fl. Ital. 809 (1882)

POLYPODIUM VULGARE L. SSP. SERRULATUM F.W. SCHULTZ EX ARCANGELI - Comp. Fl. Ital. 809 (1882)

POLYPODIUM VULGARE L. SSP. SERRATUM (WILLD.) CHRIST - Foug. Alpes Marit. 2 (1900)

POLYPODIUM CAMBRICUM L. SSP. AUSTRALE (FEE) W. GREUTER & BURDET - Willdenowia 11:24 (1981)

POLYPODIUM CAMBRICUM L. SSP. SERRULATUM (F.W. SCHULTZ EX ARCANGELI)

PICHI-SERM. - Webbia 40(1):49 (1986)

POLYPODIUM VULGARE L. SSP. PRIONODES SENSU AUCT. [NON (ASCHERSON) ROTHM. (1929)] -

- Al Bl Br Bu Co Cr Ga Gr Hb He Hs It Ju Lu Rs:K Sa Si Tu

Mediterranean region

See also:

POLYPODIUM x FONT-QUERI ROTHM.

POLYPODIUM x SHIVASIAE ROTHM.

POLYPODIUM CAMBRICUM L. SSP. AZORICUM (VASC.) NARDI - Webbia 33(2):431 (1979)

POLYPODIUM VULGARE L. SSP. AZORICUM VASC. - Bol. Soc. Brot. ser. 2, 42:159 (1968)

POLYPODIUM AZORICUM (VASC.) R. FERNANDES - Bol. Soc. Brot. ser. 2, 42:242, f. 1, t. 1-3 (1968)

POLYPODIUM AUSTRALE FEE SSP. AZORICUM (VASC.) NARDI - Webbia 32(1):96 (1977)

• Az

POLYPODIUM CAMBRICUM L. SSP. MACARONESICUM (BOBROV) FRASER-JENKINS IN W.

GREUTER, BURDET & G. LONG - Med-Checklist (Pterid.) [25] (1981)

POLYPODIUM MACARONESICUM BOBROV - Bot. Zur. 49:540 (1964)

- Az Hs

Madeira, Islas Canarias

POLYPODIUM x FONT-QUERI ROTHM. - Kulturpfl. Beih. 3:245 (1962)

- Br ?Ga ?He ?Hs ?It Lu

Parents:

POLYPODIUM CAMBRICUM L. SSP. CAMBRICUM

POLYPODIUM VULGARE L.

POLYPODIUM INTERJECTUM SHIVAS - Jour. Linn. Soc. London (Bot.) 58:28 (1961)

POLYPODIUM VULGARE L. FO. PRIONODES ASCHERSON IN ASCHERSON & GRAEBNER - Syn. Mitteleur. Fl. ed. 1, 1:94 (1896)

POLYPODIUM VULGARE L. SSP. PRIONODES (ASCHERSON) ROTHM. - Mitt. Thur. Bot. Ver. 38:106 (1929)

POLYPODIUM AUSTRALE SENSU AUCT. [NON FEE (1852)] -

POLYPODIUM VULGARE SENSU AUCT. [NON L. (1753)] -

- Au Be Br Co Cz Da Ga Ge Hb He Ho Hs Hu It Ju Lu Rs:B Rs:C Rs:W Sa Si
W. Asia, Islas Canarias

See also:

POLYPODIUM x MANTONIAE ROTHM.

POLYPODIUM x SHIVASIAE ROTHM.

POLYPODIUM x MANTONIAE ROTHM. - Kulturpfl. Beih. 3:245 (1962)

POLYPODIUM VULGARE L. NSSP. MANTONIAE (ROTHM.) SCHIDLAY IN J. FUTAK - Fl.
Slov. 2:225 (1966)

- ?Au Br ?Cz ?He Hs ?Hu ?It Lu

Parents:

POLYPODIUM INTERJECTUM SHIVAS

POLYPODIUM VULGARE L.

POLYPODIUM x SHIVASIAE ROTHM. - Kulturpfl. Beih. 3:245 (1962)

POLYPODIUM x ROTHMALERI SHIVAS, NOM. ILLEGIT. - Brit. Fern Gaz. 10(3):152
(1970)

- Br ?Hs ?It Lu

Parents:

POLYPODIUM CAMBRICUM L. SSP. CAMBRICUM

POLYPODIUM INTERJECTUM SHIVAS

POLYPODIUM VULGARE L. - Sp. Pl. 1085 (1753)

POLYPODIUM AURITUM WILLD. - Sp. Pl. ed. 4, 5(1):173 (1810)

- Al Au Be Br Bu Co Cr Cz Da Fa Fe Ga Ge Gr Hb He Ho Hs Hu Is It Ju Lu No Po Rm
Rs:B Rs:C Rs:E Rs:K Rs:N Rs:W ?Sa ?Si Su Tu

Asia, Africa, N. America

See also:

POLYPODIUM x FONT-QUERI ROTHM.

POLYPODIUM x MANTONIAE ROTHM.

PSILOACEAE KANITZ

- Novenyrendszer Attek. 43 (1887)

PSILOTUM SWARTZ IN SCHRADER - Jour. fur die Bot. 1800(2):8, 109 (1801)

PSILOTUM NUDUM (L.) BEAUV. - Prodr. Aetheog. 112 (1805)

LYCOPODIUM NUDUM L. - Sp. Pl. 1100 (1753)

PSILOTUM TRIQUETRUM SWARTZ IN SCHRADER - Jour. fur die Bot. 1800(2):109
(1801)

- Hs

Tropics and Subtropics

PTERIDACEAE REICHENB.

- Handb. 138 (1837)

PTERIS L. - Sp. Pl. 1073 (1753)

PTERIS CRETICA L. - Mantissa 130 (1767)

PTERIS OLIGOPHYLLA VIV. - Ann. Bot. (Genova) 1(2):189 (1804)

- Az Co Ga Gr He Hs It [Me] [Rs:K] *Sa Si

Asia, Africa, Americas

PTERIS INCOMPLETA CAV. - Anal. Ci. Nat. 2:107 (1801)

PTERIS SERRULATA FORSKAL [NON L. FIL. (1781)] - Fl. Aegypt. 187 (1775)

- PTERIS ARGUTA AITON, NOM. ILLEGIT. - Hort. Kew. 3:450 (1789)
 PTERIS PALUSTRIS POIRET IN LAM. - Encycl. Meth. Bot. 5:722 (1804)
 - Az Hs Lu
 Madeira, Islas Canarias, Africa
- PTERIS MULTIFIDA POIRET IN LAM. - Encycl. Meth. Bot. 5:714 (1804)
 PTERIS SERRULATA L. FIL., NOM. ILLEGIT. [NON FORSKAL (1775)] - Suppl. 445
 (1781)
 - Az
 Madeira, Islas Canarias
- PTERIS TREMULA R. BR. - Prodr. Fl. Nov. Holl. 154 (1810)
 - Az
 Madeira, Islas Canarias
- PTERIS VITTATA L. - Sp. Pl. 1074 (1753)
 PTERIS LANCEOLATA DESF. - Fl. Atl. 2:401 (1799)
 PTERIS ENSIFOLIA POIRET IN LAM. - Encycl. Meth. Bot. 5:711 (1804)
 PTERIS VULCANICA BERTOL. - Misc. Bot. 18:21 (1858)
 PTERIS LONGIFOLIA SENSU AUCT. [NON L. (1753)] -
 - [Az] B1 [Br] Cr [Ga] Gr He Hs [Hu] It [Me] Si
 Asia, Africa, Macaronesia, Australasia

SALVINIACEAE DUMORT.
 - Anal. Fam. Pl. 67 (1829)

- SALVINIA SEGUIER - Pl. Veron. 3:52 (1754)
- SALVINIA MOLESTA D. MITCH. - Brit. Fern Gaz. 10:251 (1972)
 SALVINIA AURICULATA SENSU AUCT. [NON AUBLET (1775)] -
 - [?Hs]
 Tropical Africa & Asia
- SALVINIA NATANS (L.) ALL. - Fl. Pedem. 2:289 (1785)
 MARSILEA NATANS L. - Sp. Pl. 1099 (1753)
 - Be Bu Cz [Ga] Ge Gr Ho Hs Hu It Ju Po Rm Rs:B Rs:C Rs:E Rs:W Tu
 Asia, Algeria, N. America
- SALVINIA ROTUNDIFOLIA WILLD. - Sp. Pl. ed. 4, 5(1):537 (1810)
 - [?Hs]
 C. & S. America

SELAGINELLACEAE WILLK.
 IN WILLK. & LANGE - Prodr. Fl. Hisp. 1(1):14 (1861)

- SELAGINELLA BEAUV. - Prodr. Aetheog. 101 (1805)
- SELAGINELLA APODA (L.) SPRING IN MART. - Fl. Brasil. 1(2):119 (1840)
 LYCOPODIUM APODUM L. - Sp. Pl. 1105 (1753)
 SELAGINELLA APUS SPRING IN MART. - Fl. Brasil. 1(2):119 (1840)
 SELAGINELLA DENTICULATA SENSU BROCKMULLER - Laubm. Meklenb. ? (1869)
 - [Ge]
 North America
- SELAGINELLA DENTICULATA (L.) SPRING - Flora (Regensb.) 21:149 (1838)
 LYCOPODIUM DENTICULATUM L. - Sp. Pl. 1106 (1753)

LYCOPODIOIDES DENTICULATA (L.) O. KUNTZE - Revis. Gen. 2:824 (1891)
 - Al Bl Co Cr Ga Gr Hs It Ju Lu Me Sa Si
 Mediterranean region, Madeira, Islas Canarias

SELAGINELLA HELVETICA (L.) SPRING - Flora (Regensb.) 21(1):149 (1838)
 LYCOPODIUM HELVETICUM L. - Sp. Pl. 1104 (1753)
 LYCOPODIUM RADICANS SCHRANK - Baier. Fl. 2:493 (1789)
 DIPLOSTACHYUM HELVETICUM (L.) BEAUV. - Prodr. Aetheog. 107 (1805)
 LYCOPODIOIDES HELVETICUM (L.) O. KUNTZE - Revis. Gen. 2:824 (1891)
 - Al Au Bu Cz Ga Ge Gr He Hu It Ju Po Rm Rs:W
 Anatolia, Japan

SELAGINELLA KRAUSSIANA (G. KUNZE) A. BRAUN - Ind. Sem. Horti Berol.
 1859(App.):22 (1860)
 LYCOPODIUM KRAUSSIANUM G. KUNZE - Linnaea 18:114 (1844)
 SELAGINELLA HORTENSIS METT. - Fil. Horti Bot. Lips. 125 (1856)
 SELAGINELLA AZORICA BAKER - Jour. Bot. (London) 1883:213 (1883)
 DIDICLIS KRAUSSIANA (G. KUNZE) ROTHM. - Feddes Repert. 54:71 (1944)
 SELAGINELLA ALBARRACINENSIS PAU, NOM. INVAL. -
 - Az [Be] [Br] [Co] *Ga [Hb] [Hs] *It [Lu] [Si]
 Tropical and South Africa

SELAGINELLA SELAGINOIDES (L.) BEAUV. EX SCHRANK & C.F.P. MART. - Hort. Monac.
 3 (1829)
 LYCOPODIUM SELAGINOIDES L. - Sp. Pl. 1101 (1753)
 LYCOPODIUM CILIATUM LAM. - Fl. Fr. 1:32 (1778)
 SELAGINELLA SPINOSA BEAUV. - Prodr. Aetheog. 112 (1805)
 SELAGINELLA CILIATA (LAM.) OPIZ - Boh. Phan. Crypt. Gew. 114 (1823)
 SELAGINELLA SPINULOSA A. BRAUN IN DOLL - Rhein. Fl. 38 (1843)
 - Al Au Br Bu Cz Da Fa Fe Ga Ge Hb He Hs Is It Ju No Po Rm Rs:B Rs:C Rs:N Rs:W
 Su
 Asia, N. America, Islas Canarias

SINOPTERIDACEAE KOIDZ.

- Acta Phytotax. Geobot. (Kyoto) 3:50 (1934)

ADIANTUM L. - Sp. Pl. 1094 (1753)

ADIANTUM ANEITENSE CARRUTH. IN SEEM. - Fl. Vit. 346 (1873)
 - [Az]
 Australasia, Pacific

ADIANTUM CAPILLUS-VENERIS L. - Sp. Pl. 1096 (1753)
 ADIANTUM TRIFIDUM C. BOLLE - Bonplandia 3:121 (1855)
 - Al Az [?Be] Bl Br Bu Co Cr Ga Gr Hb He Hs [Hu] It Ju Lu Me Rs:K Sa Si Tu
 Cosmopolitan tropical & subtropical

ADIANTUM HISPIDULUM SWARTZ IN SCHRADER - Jour. fur die Bot. 1800(2):82 (1801)
 - [Az]
 Madeira, Australasia

ADIANTUM RADDIANUM C. PRESL - Tent. Pteridogr. 158 (1836)
 ADIANTUM CUNEATUM LANGSD. & FISCHER [NON G. FORSTER (1786)] - Pl. Voy.
 Russes Monde 23, t. 26 (1810)
 ADIANTUM CUNEIPINNULUM NAIR & GHOSH - Acta Bot. Indica 2:78 (1974)
 - [Az]
 Tropical America, Madeira, Islas Canarias

ANOGRAMMA LINK - Fil. Sp. 137 (1841)

ANOGRAMMA LEPTOPHYLLA (L.) LINK - Fil. Sp. 137 (1841)

POLYPODIUM LEPTOPHYLLUM L. - Sp. Pl. 1092 (1753)

ACROSTICHUM LEPTOPHYLLA (L.) DC. IN LAM. & DC. - Fl. Fr. ed. 3, 2:565 (1805)

GRAMMITIS LEPTOPHYLLA (L.) SWARTZ - Syn. Fil. 23 (1806)

GYMNOGRAMMA LEPTOPHYLLA (L.) DESV. - Ges. Naturf. Freunde Berlin Mag. 5:305 (1811)

HEMIONITIS LEPTOPHYLLA (L.) LAG. - Gen. Sp. Nov. 33 (1816)

- Az Bl Co Cr Ga Gr He Hs It Ju Lu Me Rs:K Sa Si
Cosmopolitan

CHEILANTHES SWARTZ - Syn. Fil. 5 & 126 (1806)

CHEILANTHES ACROSTICA (BALBIS) TOD. - Gior. Sci. Nat. Econ. Palermo 1:215 (1866)

PTERIS ACROSTICHA BALBIS - Elenco 98 (1801)

ADIANTUM PUSILLUM WILLD. EX BERNH., NOM. ILLEGIT. IN SCHRADER - Neues Jour. Bot. 1(2):36 (1805)

ALLOSORUS PUSILLUS (WILLD. EX BERNH.) BERNH. IN SCHRADER - Neues Jour. Bot. 1(2):36 (1805)

CHEILANTHES ODORA SWARTZ, NOM. ILLEGIT. - Syn. Fil. 127 (1806)

ADIANTUM ODORUM (SWARTZ) DC. IN LAM. & DC. - Fl. Fr. ed. 3, 5:237 (1815)

CHEILANTHES FRAGRANS SENSU AUCT. PRO PARTE [NON (L.) SWARTZ (1806)] - CHEILANTHES PTERIDIODES SENSU AUCT. PRO PARTE [NON (REICHARD) C. CHR. (1905)] -

CHEILANTHES FRAGRANS (L.) SWARTZ SSP. FRAGRANS SENSU BENL - Mitt. Bot. Staatsamm. (Munche) 6:33 (1966)

- Bl Hs It Lu Sa Si

Asia, Ethiopia, Macaronesia

See also:

CHEILANTHES x MARCHETTIANA H. RASBACH, REICHST. & SCHNELLER

CHEILANTHES GUANCHICA C. BOLLE - Bonplandia 7:107 (1859)

CHEILANTHES SVENTENII BENL - Nova Hedwigia 12:147, t. 28 (1966)

CHEILANTHES FRAGRANS SENSU AUCT. PRO PARTE [NON (L.) SWARTZ (1806)] -

CHEILANTHES ODORA SENSU AUCT. PRO PARTE [NON SWARTZ (1806)] -

CHEILANTHES PTERIDIODES SENSU AUCT. PRO PARTE [NON (REICHARD) C. CHR. (1905)] -

- Co Ga Gr Hs It Lu Sa

Macaronesia, N.W. Africa

See also:

CHEILANTHES x INSULARIS H. RASBACH & REICHST.

CHEILANTHES x MALACITENSIS H. RASBACH & REICHST.

CHEILANTHES x TOLOCENSIS H. RASBACH, REICHST. & SCHNELLER

CHEILANTHES HISPANICA METT. - Abh. Senckenb. Naturf. Ges. 3:74 (1859)

- Ga Hs Lu

Algeria, Morocco

See also:

CHEILANTHES x IBERICA H. RASBACH & REICHST.

CHEILANTHES x PROTOTINAEI H. RASBACH, REICHST. & SCHNELLER

CHEILANTHES x IBERICA H. RASBACH & REICHST. - Webbia 35:264 (1982)

• Ga Hs

Parents:

CHEILANTHES HISPANICA METT.

CHEILANTHES TINAEI TOD.

CHEILANTHES x INSULARIS H. RASBACH & REICHST. - Webbia 35:266 (1982)

- Co Sa

Islas Canarias

Parents:

CHEILANTHES GUANCHICA C. BOLLE

CHEILANTHES TINAEI TOD.

CHEILANTHES x KOCHIANA H. RASBACH, REICHST. & SCHNELLER - Webbia 37:48 (1983)

• Co Hs

Parents:

CHEILANTHES PTERIDIODES (REICHARD) C. CHR.

CHEILANTHES TINAEI TOD.

CHEILANTHES x MALACITENSIS H. RASBACH & REICHST. - Webbia 35:269 (1982)

• ?Gr Hs

Parents:

CHEILANTHES GUANCHICA C. BOLLE

CHEILANTHES PTERIDIODES (REICHARD) C. CHR.

CHEILANTHES x MARCHETTIANA H. RASBACH, REICHST. & SCHNELLER - Webbia 37:55 (1983)

• It

Parents:

CHEILANTHES ACROSTICA (BALBIS) TOD.

CHEILANTHES PTERIDIODES (REICHARD) C. CHR.

CHEILANTHES PERSICA (BORY) METT. EX KUHN - Bot. Zeit. 26:234 (1868)

NOTHOLAENA PERSICA BORY IN BEL. - Voy. Indes Or. (Bot.) 23 (1833)

CHEILANTHES SZOVITSII FISCHER VON WALD. & C.A. MEYER - Bull. Soc. Nat. Moscou 11:241 (1838)

ACROSTICHUM MICROPHYLLUM BERTOL. - Propag. Agric. 6:343 (1856)

- Al Bu Cr Gr It Ju Rs:K

W. Asia

CHEILANTHES x PROTOTINAEI H. RASBACH, REICHST. & SCHNELLER - Webbia 37:45 (1983)

• Hs

Parents:

CHEILANTHES HISPANICA METT.

CHEILANTHES PTERIDIODES (REICHARD) C. CHR.

CHEILANTHES PTERIDIODES (REICHARD) C. CHR. - Ind. Fil. 178 (1905)

POLYPODIUM PTERIDIODES REICHARD - Syst. Pl. 4:424 (1780)

POLYPODIUM FRAGRANS L. [NON L. (1753)] - Mantissa Alt. 307 (1771)

ADIANTUM FRAGRANS (L.) L. FIL. - Suppl. 4:447 (1781)

PTERIS FRAGRANS (L.) LAG., D. GARCIA & CLEMENTE - Anal. Ci. Nat. 5:158 (1802)

CHEILANTHES FRAGRANS (L.) SWARTZ - Syn. Fil. 127 & 325 (1806)

CHEILANTHES SUAVEOLENS SWARTZ - Syn. Fil. 127 (1806)

CHEILANTHES MICROPHYLLA BUCH, NOM. NUD. - Abh. Preuss. Akad. Wiss. 1816-17:360 (1819)

CHEILANTHES MADERENSIS LOWE - Trans. Cambr. Philos. Soc. 6:528 (1838)

ALLOSORUS FRAGRANS (L.) FARWELL - Amer. Midl. Nat. 12:284 (1931)

CHEILANTHES FRAGRANS (L.) SWARTZ SSP. MADERENSIS (LOWE) BENL - Mitt. Bot. Staatssamm. (Munche) 6:33 (1966)

- Al Az Bl Co Cr Ga ?Gr Hs It Ju Lu Sa Si

Asia, N. Africa, Macaronesia

See also:

CHEILANTHES x KOCHIANA H. RASBACH, REICHST. & SCHNELLER

CHEILANTHES x MALACITENSIS H. RASBACH & REICHST.

CHEILANTHES x MARCHETTIANA H. RASBACH, REICHST. & SCHNELLER

CHEILANTHES x PROTOTINAEI H. RASBACH, REICHST. & SCHNELLER
 CHEILANTHES x TOLOCENSIS H. RASBACH, REICHST. & SCHNELLER

CHEILANTHES TINAEI TOD. - Gior. Sci. Nat. Econ. Palermo 1:217 (1866)
 CHEILANTHES DURIENSIS MENDONCA & VASC. [PRO HYBR.] - Anais Inst. Vinho
 Porto 15(4):47 (1956)
 CHEILANTHES CORSICA REICHST. & VIDA - Candollea 28:85 (1973)
 CHEILANTHES FRAGRANS SENSU AUCT. LUSIT. [NON WEBB & BERTH. (1847)] -
 CHEILANTHES HISPANICA SENSU AUCT. PLUR. [NON METT. (1859)] -
 CHEILANTHES ODORA SENSU AUCT. PRO PARTE [NON SWARTZ (1806)] -
 CHEILANTHES PTERIDIODES SENSU AUCT. LUSIT. [NON (REICHARD) C. CHR.
 (1905)] -

- Co Ga Hs It Lu Sa Si

Anatolia, N.W. Africa, Macaronesia

See also:

CHEILANTHES x IBERICA H. RASBACH & REICHST.
 CHEILANTHES x INSULARIS H. RASBACH & REICHST.
 CHEILANTHES x KOCHIANA H. RASBACH, REICHST. & SCHNELLER

CHEILANTHES x TOLOCENSIS H. RASBACH, REICHST. & SCHNELLER - Webbia 37:52 (1983)

• Hs Sa

Parents:

CHEILANTHES GUANCHICA C. BOLLE
 CHEILANTHES PTERIDIODES (REICHARD) C. CHR.

COSENTINIA TOD. - Syn. Pl. Acot. Vasc. Sic. 14 (1866)

COSENTINIA VELLEA (AITON) TOD. - Gior. Sci. Nat. Econ. Palermo 1:220 (1866)

ACROSTICHUM VELLEUM AITON - Hort. Kew. ed. 1, 3:457 (1789)

ACROSTICHUM CATANENSE COSENT. - Atti Accad. Gioenia Sci. Nat. Catania
 ser. 1, 2:207 & 218 (1827)

CHEILANTHES VELLEA (AITON) F. MUELLER - Fragm. 5:123 (1866)

CHEILANTHES CATANENSIS (COSENT.) H.P. FUCHS - Brit. Fern Gaz. 9:45 (1961)

- Bl Co Cr Ga Gr Hs It Lu Sa Si

W. Asia, N. Africa, Macaronesia

COSENTINIA VELLEA (AITON) TOD. SSP. VELLEA -

ACROSTICHUM LANUGINOSUM DESF. - Fl. Atl. 2:400 (1799)

NOTHOLAENA VELLEA (AITON) DESV. - Jour. Bot. Appl. 1:92 (1813)

NOTHOLAENA LANUGINOSA (DESF.) DESV. EX POIRET IN LAM. - Encycl. Meth.
 Bot. suppl. 4:110 (1816)

CHEILANTHES VELLEA (AITON) F. MUELLER SSP. VELLEA -

- Bl Co Cr Ga Gr Hs It Lu Sa Si

Macaronesia

COSENTINIA VELLEA (AITON) TOD. SSP. BIVALENS (REICHST.) RIVAS MARTINEZ & SALVO

- Anal. Inst. Bot. Cavanilles 41(1):196 (1984)

NOTHOLAENA LANUGINOSA (DESF.) DESV. EX POIRET SSP. BIVALENS REICHST. IN
 BADRE & REICHST. - Willdenowia 13:364 (1983)

CHEILANTHES VELLEA (AITON) F. MUELLER SSP. BIVALENS (REICHST.) W. GREUTER
 & JERMY - Willdenowia 13:277 (1984)

CHEILANTHES CATANENSIS (COSENT.) H.P. FUCHS SSP. BIVALENS (REICHST.) A.
 HANSEN & SUNDING - Sommerfeltia 1:6 (1985)

- Hs

Islas Canarias

CRYPTOGRAMMA R. BR. EX RICHARDSON IN FRANKLIN - Narr. Journey 767 (1823)

CRYPTOGRAMMA CRISPA (L.) R. BR. IN HOOKER - Gen. Fil. t. 115B (1842)

OSMUNDA CRISPA L. - Sp. Pl. 1067 (1753)

PTERIS CRISPA (L.) ALL. - Fl. Pedem. 2:284 (1785)

ALLOSORUS CRISPUS (L.) ROHLING - Deutschl. Fl. ed. 2, 3:31 (1813)

BLECHNUM CRISPUM (L.) HARTMAN - Handb. Skand. Fl. 372 (1820)

STRUTHIOPTERIS CRISPA (L.) WALLR. IN BLUFF & FINGERH. - Comp. Fl. Germ. 3:23 (1831)

- Al Au Be Br Bu Co Cz Fe Ga Ge Hb He Hs Is It Ju Lu No Po ?Rm Rs:N Su
Asia, N. America

CRYPTOGRAMMA STELLERI (S.G. GMELIN) PRANTL - Bot. Jahrb. 3:413 (1882)

PTERIS STELLERI S.G. GMELIN - Novi Comment. Acad. Sci. Petrop. 12:519, t. 12 f. 1 (1768)

- Rs:C Rs:N

North and Central Asia, North America

ONYCHIUM KAULFUSS - Berlin. Jahrb. Pharm. Verbundenen Wiss. 21:45 (1820)

ONYCHIUM JAPONICUM (THUNB.) G. KUNZE - Bot. Zeit. 1848:507 (1848)

TRICHOMANES JAPONICUM THUNB. - Fl. Jap. 340 (1784)

DAREA JAPONICA (THUNB.) WILLD. - Sp. Pl. ed. 4, 5(1):302 (1810)

- [Az]

Subtropical Asia

PARACETERACH COPEL. - Gen. Fil. 75 (1947)

PARACETERACH MARANTAE (L.) R.M. TRYON JUN. - Amer. Fern Jour. 76(4):186 (1986)

ACROSTICHUM MARANTAE L. - Sp. Pl. 1071 (1753)

POLYSTICHUM MARANTAE (L.) ROTH - Tent. Fl. Germ. 3(1):92 (1799)

CETERACH MARANTAE (L.) DC. IN LAM. & DC. - Fl. Fr. ed. 3, 2:567 (1805)

NOTHOLAENA MARANTAE (L.) DESV. - Jour. Bot. Appl. 1:92 (1813)

CINCINALIS MARANTAE (L.) DESV. - Ges. Naturf. Freunde Berlin Mag. 5:312 (1814)

GYMNOGRAMMA MARANTAE (L.) METT. - Fil. Horti Bot. Lips. 43 (1856)

CHEILANTHES MARANTAE (L.) DOMIN - Biblioth. Bot. (Stuttgart) 20:133, adnot. 1 (1915)

GYMNOPTERIS MARANTAE (L.) R.-C. CHING - Acta Phytotax. Sin. 10:304 (1965)

- Al Au Bu Co Cz Ga Gr He Hs Hu It Ju Lu Rm Rs:K

Asia, Morocco, Macaronesia, Ethiopia

PELLAEA LINK - Fil. Sp. 59 (1841)

PELLAEA CALOMELANOS (SWARTZ) LINK - Fil. Sp. 61 (1841)

PTERIS CALOMELANOS SWARTZ IN SCHRADER - Jour. fur die Bot. 1800(2):70 (1801)

- Az Hs

S. & E. Africa, Asia

PELLAEA VIRIDIS (FORSKAL) PRANTL - Bot. Jahrb. 3:420 (1882)

PTERIS VIRIDIS FORSKAL - Fl. Aegypt. 186 (1775)

PELLAEA HASTIFOLIA (L. FIL.) SCHRADER - Gott. Gel. Anz. 1818:917 (1818)

CHEILANTHES MACROPHYLLA G. KUNZE - Linnaea 23:244, 307 (1850)

PELLAEA ADIANTOIDES (BORY EX WILLD.) J. SM. - Cat. Ferns Kew 4 (1856)

- [Az]

Old World Tropics

PITYROGRAMMA LINK - Handb. 3:19 (1833)

PITYROGRAMMA CALOMELANOS (L.) LINK - Handb. 3:20 (1833)

ACROSTICHUM CALOMELANOS L. - Sp. Pl. 1072 (1753)

GYMNOGRAMMA CALOMELANOS (L.) KAULFUSS - Enum. Fil. 76 (1824)

- [Az]

Tropical America

PITYROGRAMMA CHRYSOPHYLLA (SWARTZ) LINK - Handb. 3:19 (1833)

ACROSTICHUM CHRYSOPHYLLUM SWARTZ IN SCHRADER - Jour. fur die Bot.
1800(2):14 (1801)

- [Az]

Tropical America

PITYROGRAMMA EBENEA (L.) PROCTOR - Brit. Fern Gaz. 9:219 (1965)

ACROSTICHUM EBENEUM L. - Sp. Pl. 1071 (1753)

- [Az]

Tropical America

THELYPTERIDACEAE PICHİ-SERM.

- Webbia 24:709 (1970)

CHRISTELLA LEVEILLE - Fl. Kouy-Tcheou 472 (1915)

CHRISTELLA DENTATA (FORSKAL) BROWNSEY & JERMY - Brit. Fern Gaz. 10:338 (1973)

POLYPODIUM DENTATUM FORSKAL - Fl. Aegypt. 185 (1775)

POLYPODIUM NYMPHALE G. FORSTER - Fl. Ins. Austral. Prodr. 81 (1786)

POLYPODIUM MOLLE JACQ. - Collect. Bot. 3(2):188 (1789)

ASPIDIUM MOLLE (JACQ.) SWARTZ IN SCHRADER - Jour. fur die Bot. 1800(2):34
(1801)

ASPIDIUM NYMPHALE (G. FORSTER) SCHKUHR (1809) - Deutschl. Krypt. Gew.
1:36, t. 34 (1809)

ASPIDIUM VIOLASCENS LINK - Hort. Berol. 2:115 (1833)

NEPHRODIUM VIOLASCENS (LINK) FEE - Mem. Fam. Foug. 5:305 (1852)

DRYOPTERIS MOLLIS (JACQ.) HIERON. - Hedwigia 46:348 (1907)

DRYOPTERIS DENTATA (FORSKAL) C. CHR. - Kong. Danske Vid. Selsk. ser. 8,
6:24 (1920)

DRYOPTERIS NYMPHALIS (G. FORSTER) COPEL. - Bishop Mus. Bull. 59:46 (1929)

NEPHRODIUM DENTATUM (FORSKAL) KUMMERLE - Magyar Bot. Lapok 32:60 (1933)

THELYPTERIS DENTATA (FORSKAL) ST JOHN - Amer. Fern Jour. 26:44 (1936)

CYCLOSORUS DENTATUS (FORSKAL) R.-C. CHING - Bull. Fan Mem. Inst. Biol.
Bot. (Peking) 8:206 (1938)

THELYPTERIS NYMPHALIS (G. FORSTER) C. REED - Phytologia 17:297 (1968)

CHRISTELLA NYMPHALIS (G. FORSTER) PICHİ-SERM. - Webbia 31:252 (1977)

NEPHRODIUM MOLLE SENSU AUCT. [NON R. BR. (1810)] -

- Az Cr Hs ?It Si

Madeira, Africa, Tropical America

OREOPTERIS J. HOLUB - Folia Geobot. Phytotax. (Praha) 4:46 (1969)

OREOPTERIS LIMBOSPERMA (BELLARDI EX ALL.) J. HOLUB - Folia Geobot. Phytotax.
(Praha) 4:46 (1969)

POLYPODIUM LIMBOSPERMUM BELLARDI EX ALL. - Auct. Fl. Pedem. 49 (1789)

- POLYPODIUM MONTANUM VOGLER, NOM. ILLEGIT. [NON LAM. (1778)] - Diss. Polypod. Mont. 3 (1781)
- POLYPODIUM OREOPTERIS EHRH. - Beitr. Naturk. 4:44 (1789)
- POLYSTICHUM MONTANUM (VOGLER) ROTH, COMB. INVAL. - Tent. Fl. Germ. 3(1):74 (1799)
- POLYSTICHUM OREOPTERIS (EHRH.) BERNH. IN SCHRADER - Jour. fur die Bot. 1799(1):305 (1799)
- ASPIDIUM OREOPTERIS (EHRH.) SWARTZ IN SCHRADER - Jour. fur die Bot. 1800(2):279 (1801)
- ASPIDIUM ODORIFERUM S.F. GRAY, NOM. ILLEGIT. - Nat. Arr. Brit. Pl. 2:6 (1821)
- LASTREA OREOPTERIS (EHRH.) BORY, COMB. INVAL. - Dict. Class. Hist. Nat. 9:233 (1826)
- NEPHRODIUM OREOPTERIS (EHRH.) DESV. - Mem. Soc. Linn. Paris 6:257 (1827)
- LASTREA OREOPTERIS (EHRH.) C. PRESL - Tent. Pteridogr. 76 (1836)
- HEMESTHEUM MONTANUM (VOGLER) NEWMAN, COMB. INVAL. - Phytologist 4(App.):22 (1851)
- PHEGOPTERIS OREOPTERIS FEE - Mem. Fam. Foug. 5:243 (1852)
- LASTREA MONTANA (VOGLER) T. MOORE, COMB. INVAL. - Handb. Brit. Ferns ed. 2, 100 (1853)
- LASTREA MONTANA (VOGLER) NEWMAN, COMB. INVAL. - Hist. Brit. Ferns ed. 3, 130 (1854)
- ASPIDIUM MONTANUM (VOGLER) ASCHERSON, COMB. INVAL. - Fl. Brandenb. 3:133 (1859)
- POLYPODIUM APPROXIMATUM KIT. EX KANITZ - Linnaea 32:266 (1863)
- POLYPODIUM CONTIGUUM KIT. EX KANITZ - Linnaea 32:266 (1863)
- NEPHRODIUM MONTANUM (VOGLER) BAKER, COMB. INVAL. IN HOOKER & BAKER - Syn. Fil. 271 (1867)
- DRYOPTERIS MONTANA (VOGLER) O. KUNTZE, COMB. INVAL. - Revis. Gen. 1:813 (1891)
- HEMESTHEUM OREOPTERIS (EHRH.) P. PARM. - Ann. Sci. Nat. ser. 8, 9:356 (1899)
- DRYOPTERIS OREOPTERIS (EHRH.) MAXON - Proc. U.S. Nat. Mus. 23:638 (1901)
- THELYPTERIS OREOPTERIS (EHRH.) SLOSSON IN RYDB. - Fl. Rocky Mount. 1043 (1917)
- DRYOPTERIS LIMBOSPERMA (BELLARDI EX ALL.) BECHERER - Jahresb. Naturf. Ges. Graubundens 88:6 (1959)
- THELYPTERIS LIMBOSPERMA (BELLARDI EX ALL.) H.P. FUCHS - Amer. Fern Jour. 48:144 (1959)
- LASTREA LIMBOSPERMA (BELLARDI EX ALL.) HEYWOOD, COMB. INVAL. - Cat. Pl. Vasc. Hisp. 1:7 (1961)
- LASTREA LIMBOSPERMA (BELLARDI EX ALL.) J. HOLUB & POUZAR IN J. HOLUB - Preslia 33:400 (1961)
- Au Az Be Br Co Cz Da Ga Ge Hb He Ho Hs Hu It Ju No Po Rm Rs:W Su
Asia, N. America, Madeira

PHEGOPTERIS (C. PRESL) FEE - Mem. Fam. Foug. 5:242 (1852)

PHEGOPTERIS CONNECTILIS (MICHX) WATT - Canad. Nat. Quart. Jour. Sci. ser. 2, 3:159 (1867)

POLYPODIUM CONNECTILE MICHX - Fl. Bor.-Amer. 2:271 (1803)

POLYPODIUM PHEGOPTERIS L. - Sp. Pl. 1089 (1753)

POLYPODIUM LATEBROSUM SALISB., NOM. ILLEGIT. - Prodr. 403 (1796)

POLYSTICHUM PHEGOPTERIS (L.) ROTH - Tent. Fl. Germ. 3(1):72 (1799)

LASTREA PHEGOPTERIS (L.) BORY, COMB. INVAL. - Dict. Class. Hist. Nat. 9:233 (1826)

ASPIDIUM PHEGOPTERIS (L.) BAUMG. - Enum. Stirp. Transs. 4:28 (1846)

GYMNOCARPIUM PHEGOPTERIS (L.) NEWMAN - Phytologist 4:23 (1851)

PHEGOPTERIS POLYPODIOIDES FEE - Mem. Fam. Foug. 5:243 (1852)

PHEGOPTERIS VULGARIS METT., NOM. ILLEGIT. - Fil. Horti Bot. Lips. 83 (1856)

NEPHRODIUM PHEGOPTERIS (L.) PRANTL - Exkurs.-Fl. Bayern 24 (1884)
 DRYOPTERIS PHEGOPTERIS (L.) C. CHR. - Ind. Fil. 284 (1905)
 THELYPTERIS PHEGOPTERIS (L.) SLOSSON IN RYDB. - Fl. Rocky Mount. 1043
 (1917)
 PHEGOPTERIS PHEGOPTERIS (L.) DRUCE - Fl. Bucks. 416 (1926)
 - Au Be Br Bu Co Cz Da Fa Fe Ga Ge Gr Hb He Ho Hs Hu Is It Ju No Po Rm Rs:B
 Rs:C Rs:E Rs:N Rs:W Su
 Asia, N. America

STEGNOGRAMMA BLUME - Enum. Pl. Javae 172 (1828)

STEGNOGRAMMA POZOI (LAG.) IWATSUKI - Acta Phytotax. Geobot. (Kyoto) 29:124
 (1963)

HEMIONITIS POZOI LAG. - Gen. Sp. Nov. 33 (1816)
 POLYPODIUM TOTTUM WILLD. [NON THUNB. (1784)] - Sp. Pl. ed. 4, 5(1):201
 (1810)
 GYMNODIUM TOTTA (WILLD.) SCHLECHT., COMB. INVAL. - Adumbr. Pl. 15 (1825)
 ACROSTICHUM PILOSIUSCULUM WIKSTROM - Kongl. Vet. Acad. Handl. 1825:439
 (1826)
 POLYPODIUM AFRICANUM DESV. - Mem. Soc. Linn. Paris 6:239 (1827)
 CETERACH HISPANICUM SENSU WILLK. PRO PARTE [NON (COSSON) METT. (1856)] IN
 WILLK. & LANGE - Prodr. Fl. Hisp. 1:2 (1861)
 PLEUROSORUS POZOI (LAG.) DIELS IN ENGLER & PRANTL - Naturl. Pflanzenfam.
 1(4):245 (1899)
 NEPHRODIUM TOTTUM (WILLD.) DIELS IN ENGLER & PRANTL - Naturl.
 Pflanzenfam. 1(4):170 (1899)
 DRYOPTERIS AFRICANA (DESV.) C. CHR. - Ind. Fil. 251 (1905)
 POLYPODIUM ELIASII SENNEN & PAU, NOM. NUD. - Bull. Acad. Int. Geogr. Bot.
 1910:94 (1910)
 ASPIDIUM AFRICANUM (DESV.) ASCHERSON & GRAEBNER - Syn. Mitteleur. Fl. ed.
 2, 1:28, 153 (1912)
 LASTREA AFRICANA (DESV.) COPEL. - Gen. Fil. 138 (1947)
 LEPTOGRAMMA PILOSIUSCULA (WIKSTROM) ALSTON - Bol. Soc. Brot. ser. 2,
 30:17 (1956)
 THELYPTERIS POZOI (LAG.) C.V. MORTON - Bull. Soc. Bot. Fr. 106:234 (1959)
 LEPTOGRAMMA POZOI (LAG.) HEYWOOD - Feddes Repert. 64:19 (1961)
 - Az Ga Hs
 Asia, Africa

THELYPTERIS SCHMIDEL - Icon. Pl. (Keller) I(3):45 tt. 11 & 13 (1763)

THELYPTERIS PALUSTRIS SCHOTT - Gen. Fil. t. 10 [fasc. 2, t. 5] (1834)
 ACROSTICHUM THELYPTERIS L. - Sp. Pl. 1071 (1753)
 POLYPODIUM THELYPTERIS (L.) WEIS - Pl. Crypt. Fl. Gott. 307 (1770)
 POLYPODIUM PTERIOIDES LAM. - Fl. Fr. 1:18 (1778)
 POLYPODIUM PALUSTRE SALISB. [NON BURM. FIL. (1768)] - Prodr. 403 (1796)
 POLYSTICHUM THELYPTERIS (L.) ROTH - Tent. Fl. Germ. 3(1):77 (1799)
 ASPIDIUM THELYPTERIS (L.) SWARTZ IN SCHRADER - Jour. fur die Bot.
 1800(2):40 (1801)
 ASPIDIUM PALUSTRE S.F. GRAY - Mat. Arr. Brit. Pl. 2:9 (1821)
 NEPHRODIUM THELYPTERIS (L.) STREMPER - Fil. Berol. Syn. 32 (1822)
 LASTREA THELYPTERIS (L.) BORY, COMB. INVAL. - Dict. Class. Hist. Nat.
 9:233 (1826)
 LASTREA THELYPTERIS (L.) C. PRESL - Tent. Pteridogr. 76 (1836)
 DRYOPTERIS THELYPTERIS (L.) A. GRAY - Man. Bot. 630 (1848)
 HEMESTHEUM THELYPTERIS (L.) NEWMAN - Phytologist 4(App.):22 (1851)

THELYPTERIS THELYPTEROIDES SENSU J. HOLUB [NON MICHX (1803)] SSP. GLABRA
J. HOLUB - Taxon 21:332 (1972)

- Al Au Az Be Br Bu Co Cz Da Fe Ga Ge Gr Hb He Ho Hs Hu It Ju Lu No Po Rm Rs: B
Rs: C Rs: E Rs: K Rs: N Rs: W Su Tu
Asia, Africa, N. America, Australasia

WOODSIACEAE (DIELS) HERTER

- Revista Sudamer. Bot. 9:14 (1949)

ATHYRIUM ROTH - Tent. Fl. Germ. 3(1):31 & 58 (1799)

ATHYRIUM DISTENTIFOLIUM TAUSCH EX OPIZ - Tent. Fl. Crypt. Boem. 1:14 (1820)

- Au Br Bu Co Cz Fa Fe Ga Ge He Hs Is It Ju No Po Rm Rs: C Rs: N Rs: W Su
Temperate Asia, N. America

See also:

ATHYRIUM x REICHSTEINII SCHNELLER & H. RASBACH

ATHYRIUM DISTENTIFOLIUM TAUSCH EX OPIZ VAR. DISTENTIFOLIUM -

POLYPODIUM CREMATUM SCHRANK IN SCHRANK & MOLL - Naturh. Briefe 2:295
(1785)

ASPIDIUM RHAETICUM SWARTZ PRO PARTE [NON WILLD. (1810)] IN SCHRADER -
Jour. fur die Bot. 1800(2):41 (1801)

ASPIDIUM ALPESTRE HOPPE - Bot. Taschenb. 216 (1805)

ASPIDIUM MOLLE LOISEL. EXCL. BAS. ALL. - Fl. Gall. 2:367 (1807)

POLYPODIUM ALPESTRE (HOPPE) SPENNER - Fl. Friburg. 1:12 (1825)

PSEUDATHYRIUM ALPESTRE (HOPPE) NEWMAN - Phytologist 4:370 (1851)

PHEGopteris ALPESTRIS (HOPPE) METT. - Fil. Horti Bot. Lips. 83 (1856)

ATHYRIUM POLYPODIOIDES SCHUR - Osterr. Bot. Zeitschr. 8:194 (1858)

ASPLENIUM ALPESTRE (HOPPE) METT. - Abh. Senckenb. Naturf. Ges. 3:198
(1859)

ATHYRIUM ALPESTRE (HOPPE) RYLANDS EX T. MOORE [NON CLAIRV. (1811)] - Ind.
Fil. 179 (1860)

PHEGopteris RHAETICA PERARD EXCL. BAS. L. - Bull. Soc. Bot. Fr. 16:258
(1869)

ASPLENIUM RHAETICUM GREMLI EXCL. BAS. L. - Naturgesch. Beitr. Chur. 47
(1874)

ATHYRIUM RHAETICUM SENSU GREMLI - Excurs.-Fl. Schweiz ed. 3:427 (1878)

ATHYRIUM CORDATUM G. BECK [NON OPIZ (1820)] - Osterr. Bot. Zeitschr.
67:59 (1918)

POLYPODIUM MOLLE SENSU LAM. ET SENSU AUCT. PLUR. [NON ALL. (1785)] -

POLYPODIUM RHAETICUM SENSU AUCT. [NON L. (1753)] -

- Au Br Bu Co Cz Fa Fe Ga Ge He Hs Is It Ju No Po Rm Rs: C Rs: N Rs: W Su

ATHYRIUM DISTENTIFOLIUM TAUSCH EX OPIZ VAR. FLEXILE (NEWMAN) JERMY - Watsonia
6(5):292 (1967)

PSEUDATHYRIUM FLEXILE NEWMAN, NOM. PROVIS. - Phytologist 4:974 (1853)

POLYPODIUM FLEXILE (NEWMAN) T. MOORE, COMB. INVAL. [NON FEE (1853)] -
Handb. Brit. Ferns ed. 2, 225 (1853)

PSEUDATHYRIUM FLEXILE NEWMAN - Hist. Brit. Ferns ed. 3, 204 (1854)

ATHYRIUM FLEXILE (T. MOORE) T. MOORE, COMB. ILLEGIT. - Ind. Fil. 185
(1860)

ATHYRIUM ALPESTRE (HOPPE) RYLANDS EX T. MOORE [NON CLAIRV. (1811)] VAR.
FLEXILE (NEWMAN) MILDE - Fil. Eur. 53 (1867)

ATHYRIUM ALPESTRE (HOPPE) RYLANDS EX T. MOORE [NON CLAIRV. (1811)] SSP.

FLEXILE (NEWMAN) SYME IN SOWERBY - Engl. Bot. ed. 3, 12:115 (1886)

ATHYRIUM FLEXILE (NEWMAN) DRUCE - Brit. Pl. List 87 (1908)

• Br

ATHYRIUM FILIX-FEMINA (L.) ROTH - Tent. Fl. Germ. 3(1):65 (1799)

POLYPODIUM FILIX-FEMINA L. - Sp. Pl. 1090 (1753)

- POLYPODIUM RHAETICUM L. - Sp. Pl. 1091 (1753)
 POLYPODIUM MOLLE SCHREBER - Spicil. Fl. Lips. 70 (1771)
 POLYPODIUM MOLLE ALL., NOM. ILLEGIT. - Fl. Pedem. 2:287 (1785)
 POLYPODIUM AXILLARE AITON - Hort. Kew. 3:466 (1789)
 POLYPODIUM UMBROSUM AITON - Hort. Kew. 3:466 (1789)
 POLYPODIUM INCISUM HOFFM. [NON SWARTZ (1788)] IN ROEMER & P. USTERI - Bot. Mag. (Zurich) 3(9):11 (1790)
 POLYPODIUM LAETUM SALISB., NOM. ILLEGIT. - Prodr. 403 (1796)
 ATHYRIUM MOLLE (SCHREBER) ROTH - Tent. Fl. Germ. 3(1):61 (1799)
 ATHYRIUM OVATUM ROTH - Tent. Fl. Germ. 3(1):64 (1799)
 ATHYRIUM RHAETICUM (L.) ROTH - Tent. Fl. Germ. 3(1):67 (1799)
 ASPIDIUM FILIX-FEMINA (L.) SWARTZ IN SCHRADER - Jour. fur die Bot. 1800(2):41 (1801)
 ASPLENIUM FILIX-FEMINA (L.) BERNH. IN SCHRADER - Neues Jour. Bot. 1(2):27 (1805)
 ASPIDIUM IRRIGUUM SM. IN SOWERBY - Engl. Bot. 31: t. 2199 (1810)
 ATHYRIUM ALPESTRE CLAIRV. - Man. Herb. Suisse 301 (1811)
 ATHYRIUM IRRIGUUM (SM.) S.F. GRAY - Nat. Arr. Brit. Pl. 2:10 (1821)
 ATHYRIUM LAETUM S.F. GRAY, NOM. ILLEGIT. - Nat. Arr. Brit. Pl. 2:10 (1821)
 ATHYRIUM FILIX-FEMINA (L.) ROTH VAR. CONVEXUM BAB. - Man. Brit. Bot. 388 (1843)
 ATHYRIUM CONVEXUM (BAB.) NEWMAN - Hist. Brit. Ferns ed. 2, 11 (1844)
 ATHYRIUM INCISUM (HOFFM.) NEWMAN, COMB. INVALID. - Phytologist 4(App.):13 (1851)
 PHEGopteris PLUMOSA J. SM. - Ferns Brit. Foreign 289 (1866)
 ATHYRIUM CASSUM CHIOV. [PRO HYBR.] - Fl. Alpi Lepont. Occid. 2:46 (1929)
 - Al Au Az Be Bl Br Bu Cr Cz Da Fa Fe Ga Ge Gr Hb He Ho Hs Hu Is It Ju Lu No Po
 Rm Rs: B Rs: C Rs: E Rs: K Rs: N Rs: W Sa Si Su Tu
 Asia, Americas, N.W. Africa, Macaronesia
 See also:
 ATHYRIUM x REICHSTEINII SCHNELLER & H. RASBACH

ATHYRIUM x REICHSTEINII SCHNELLER & H. RASBACH - Bot. Helv. 94(1):93 (1984)

• Ge He

Parents:

ATHYRIUM DISTENTIFOLIUM TAUSCH EX OPIZ

ATHYRIUM FILIX-FEMINA (L.) ROTH

CYSTOPTERIS BERNH. IN SCHRADER - Neues Jour. Bot. 1(2):26 (1805)

CYSTOPTERIS ALPINA (LAM.) DESV. - Mem. Soc. Linn. Paris 6:264 (1827)

POLYPODIUM ALPINUM LAM. - Fl. Fr. 1:22 (1779)

POLYPODIUM ALPINUM WULFEN, NOM. SUPERFL. IN JACQ. - Collect. Bot. 2:171 (1789)

CYATHEA ALPINA (LAM.) ROTH - Tent. Fl. Germ. 3(1):99 (1799)

ASPIDIUM ALPINUM (LAM.) WILLD. - Sp. Pl. ed. 4, 5(1):282 (1810)

CYSTEALPINA (LAM.) SM. - Engl. Fl. 4:291 (1828)

CYSTOPTERIS FRAGILIS (L.) BERNH. SSP. ALPINA (LAM.) HARTMAN - Svensk Norsk Excurs.-Fl. ed. 1, 152 (1846)

CYSTOPTERIS FILIX-FRAGILIS (L.) BORBAS SSP. ALPINA (LAM.) JAHANDIEZ & MAIRE - Cat. Pl. Maroc 1:2 (1931)

CYSTOPTERIS FILIX-FRAGILIS (L.) BORBAS SSP. REGIA SENSU AUCT. [NON SENSU L. (1753)] -

CYSTOPTERIS FRAGILIS (L.) BERNH. SSP. REGIA SENSU AUCT. -

CYSTOPTERIS REGIA SENSU AUCT. PLUR. PRO PARTE -

- Al Bu Co Cz Da Fe Ga Ge Gr He Hs It Ju No Po Rm Si Su

Anatolia, Algeria, Morocco

CYSTOPTERIS x CHRISTII HAHNE - Allgem. Bot. Zeitschr. 10:103 (1904)

• He

Parents:

CYSTOPTERIS FRAGILIS (L.) BERNH.

CYSTOPTERIS MONTANA (LAM.) DESV.

CYSTOPTERIS DIAPHANA (BORY) BLASDELL - Mem. Torrey Bot. Club 21:47 (1963)

POLYPODIUM DIAPHANUM BORY - Voy. Iles Afrique 1:328 (1804)

ASPIDIUM VIRIDULUM DESV. - Ges. Naturf. Freunde Berlin Mag. 5:321 (1811)

CYSTOPTERIS VIRIDULA (DESV.) DESV. - Mem. Soc. Linn. Paris 6:264 (1827)

CYSTOPTERIS CANARIENSIS C. PRESL - Tent. Pteridogr. 93 (1836)

CYSTOPTERIS ATROVIRENS C. PRESL - Epimel. Bot. 66 (1851)

CYSTOPTERIS AZORICA FEE - Mem. Fam. Foug. 5:300 (1852)

ASPENIUM DIAPHANUM (BORY) LOJAC. - Fl. Sic. 3:402 (1909)

CYSTOPTERIS FRAGILIS (L.) BERNH. SSP. DIAPHANA (BORY) LITARD. - Bull.

Soc. Bot. Deux-Sevres 1911-12:88 (1912)

CYSTOPTERIS FILIX-FRAGILIS (L.) BORBAS SSP. CANARIENSIS (C. PRESL) CHRIST

EX JAHANDIEZ & MAIRE - Cat. Pl. Maroc 1:2 (1931)

- Az Br Co Ga Hs It Lu Si

Africa, C. & S. America

CYSTOPTERIS DICKIEANA R. SIM - Gard. Farm. Jour. 2(20):308 (1848)

CYSTOPTERIS FRAGILIS (L.) BERNH. SSP. DICKIEANA (R. SIM) HOOKER FIL. -

Stud. Fl. Brit. Is. ed. 1, 464 (1870)

CYSTOPTERIS BAENITZII DORFLER IN BAENITZ - Herb. Eur. Prosp. 1891:4 (1890)

- Br Co Fe Ga Ge Gr He Hs Is It Lu No Rs:N Sa Si Su

Asia, Americas, N. Africa

See also:

CYSTOPTERIS x MONTSERRATII PRADA & SALVO

CYSTOPTERIS FRAGILIS (L.) BERNH. IN SCHRADER - Neues Jour. Bot. 1(2):27 (1805)

POLYPODIUM FRAGILE L. - Fl. Suec. ed. 2, 374 (1755)

POLYPODIUM REGIUM L., NOM. AMBIG. - Sp. Pl. 1091 (1753)

POLYPODIUM FILIX-FRAGILE L. - Sp. Pl. 1091 (1753)

POLYPODIUM RHAETICUM SENSU HUDSON - Fl. Angl. 390 (1762)

POLYPODIUM CRISPUM GOUAN - Obs. Bot. 81 (1773)

POLYPODIUM POLYMORPHUM VILL. - Hist. Pl. Dauph. 3:847 (1789)

POLYPODIUM FRAGILE L. VAR. ANGUSTATUM HOFFM. - Mag. Bot. (Roemer) 3(9):11 (1790)

CYATHEA FRAGILIS (L.) SM. - Mem. Acad. Sci. (Turin) 5:417 (1793)

POLYPODIUM DENTATUM DICKSON [NON FORSKAL (1775)] - Fasc. Pl. Crypt. Brit. 3:65 (1793)

CYATHEA INCISA SM. IN SOWERBY - Engl. Bot. 3: t. 163 (1794)

POLYPODIUM TRIFIDUM WITH. [NON HOFFM. (1790)] - Arr. Brit. Pl. ed. 3, 3::779 (1796)

CYATHEA REGIA (L.) T.F. FORSTER IN SYMONS - Syn. Pl. Brit. 194 (1798)

ASPIDIUM FRAGILE (L.) SWARTZ IN SCHRADER - Jour. fur die Bot. 1800(2):40 (1801)

ASPIDIUM REGIUM (L.) SWARTZ IN SCHRADER - Jour. fur die Bot. 1800(2):41 (1801)

ASPIDIUM TRIFIDUM SWARTZ, NOM. ILLEGIT. IN SCHRADER - Jour. fur die Bot. 1800(2):41 (1801)

ATHYRIUM REGIUM (L.) SPRENGEL - Anleit. Kennt. Gewachse 3:139 (1804)

CYATHEA DENTATA SM. - Fl. Brit. 3:1141 (1804)

ASPIDIUM DENTATUM (SM.) SWARTZ - Syn. Fil. 59 (1806)

ASPIDIUM TENUE SWARTZ - Syn. Fil. 58 (1806)

ATHYRIUM DENTATUM (SM.) S.F. GRAY - Nat. Arr. Brit. Pl. 2:11 (1821)

CYCLOPTERIS DENTATA (SM.) SCHRADER EX S.F. GRAY - Nat. Arr. Brit. Pl. 2:279 adnot. (1821)

CYCLOPTERIS FRAGILIS (L.) SCHRADER EX S.F. GRAY - Nat. Arr. Brit. Pl. 2:9 (1821)

- CYCLOPTERIS REGIA (L.) SCHRADER EX S.F. GRAY - Nat. Arr. Brit. Pl. 2:279 adnot. (1821)
- CYSTOPTERIS DENTATA (SM.) DESV. - Mem. Soc. Linn. Paris 6:263 (1827)
- CYSTEIA ANGUSTATA (HOFFM.) SM. - Engl. Fl. 4:301 (1828)
- CYSTEIA DENTATA (SM.) SM. - Engl. Fl. 4:300 (1828)
- CYSTEIA FRAGILIS (L.) SM. - Engl. Fl. 4:298 (1828)
- CYSTEIA REGIA (L.) SM. - Engl. Fl. 4:302 (1828)
- CYSTOPTERIS FRAGILIS (L.) BERNH. VAR. HUTERI HAUSM. EX MILDE - Fil. Eur. 149 (1867)
- CYSTOPTERIS FRAGILIS (L.) BERNH. SSP. DENTATA (SM.) HOOKER FIL. - Stud. Fl. Brit. Is. ed. 1, 464 (1870)
- CYSTOPTERIS FRAGILIS (L.) BERNH. SSP. EU-FRAGILIS ASCHERSON IN ASCHERSON & GRAEBNER - Syn. Mitteleur. Fl. ed. 1, 1:15 (1896)
- CYSTOPTERIS FILIX-FRAGILIS (L.) BORBAS - Balaton Novenyfoldr. 2:314 (1900)
- CYSTOPTERIS FILIX-FRAGILIS (L.) BORBAS SSP. FRAGILIS (L.) JAHANDIEZ & MAIRE - Cat. Pl. Maroc 1:2 (1931)
- CYSTOPTERIS CRISPA SENSU H.P. FUCHS EX JANCHEN - Phytion (Austria) 10:3 (1963)
- CYSTOPTERIS FRAGILIS (L.) BERNH. SSP. HUTERI (HAUSM. EX MILDE) PRADA & SALVO - Anal. Inst. Bot. Cavanilles 41:466 (1985)
- CYSTOPTERIS REGIA SENSU AUCT. PLUR. PRO PARTE -
 - Al Au Az Be Bl Br Bu Co Cr Cz Da Fa Fe Ga Ge Gr Hb He Ho Hs Hu Is It Ju Lu No
 Po Rm Rs:B Rs:C Rs:E Rs:K Rs:N Rs:W Sa Sb Si Su Tu
 Africa, W. Asia, Australasia, Antarctica, Americas
 See also:
 CYSTOPTERIS x CHRISTII HAHNE
 CYSTOPTERIS x MONTERRATII PRADA & SALVO
- CYSTOPTERIS MONTANA (LAM.) DESV. - Mem. Soc. Linn. Paris 6:264 (1827)
- POLYPODIUM MONTANUM LAM. - Fl. Fr. 1:23 (1779)
- POLYPODIUM MYRRHIDIFOLIUM VILL. - Fl. Delph. 114 (1786)
- CYATHEA MONTANA (LAM.) SM. - Mem. Acad. Sci. (Turin) 5:417 (1793)
- ASPIDIUM MONTANUM (LAM.) SWARTZ IN SCHRADER - Jour. fur die Bot. 1800(2):42 (1801)
- CYSTOPTERIS ALLIONII NEWMAN, NOM. ILLEGIT. - Phytologist 4(App.):25 (1851)
- CYSTOPTERIS MYRRHIDIFOLIA (VILL.) NEWMAN - Hist. Brit. Ferns ed. 3, 97 (1854)
- Au Br Cz Fe Ga Ge He Hs It Ju No Po Rm Rs:C Rs:N Rs:W Su
 Siberia, Caucasus, N. America
 See also:
 CYSTOPTERIS x CHRISTII HAHNE
- CYSTOPTERIS x MONTERRATII PRADA & SALVO - Anal. Inst. Bot. Cavanilles 41:466 (1985)
- Br He Hs No
 Asia, ?N. America
 Parents:
 CYSTOPTERIS DICKIEANA R. SIM
 CYSTOPTERIS FRAGILIS (L.) BERNH.
- CYSTOPTERIS SUDETICA A. BRAUN & MILDE - Jahresb. Schles. Ges. Vaterl. Kult. 33:92 (1855)
- ASPIDIUM MONTANUM SCHOLTZ [NON (LAM.) SWARTZ (1801)] - Enum. Fil. Siles. 43 (1836)
- CYSTOPTERIS ALPINA WIMMER [NON (LAM.) DESV. (1827)] - Fl. Schles. ed. 2:1505 (1844)
- CYSTOPTERIS LEUCOSORIA SCHUR - Osterr. Bot. Zeitschr. 7:328 (1858)
- Cz Ge No Po Rm Rs:B Rs:C Rs:N Rs:W
 Caucasus, Siberia, Japan

DEPARIA HOOKER & GREV. - Icon. Fil. t. 154 (1829)

DEPARIA PETERSENII (G. KUNZE) M. KATO - Bot. Mag. (Tokyo) 90:37 (1977)
 ASPLENIUM PETERSENII G. KUNZE - Analecta Pterid. 24 (1837)
 DIPLAZIUM ALLORGEI TARDIEU-BLOT - Not. Syst. (Paris) 7:150 (1938)
 LUNATHYRIUM PETERSENII (G. KUNZE) H. OHBA - Sci. Rep. Yokosuka City Mus.
 11:53 (1965)
 LUNATHYRIUM JAPONICUM SENSU AUCT. AZOR. [NON (THUNB.) KURATA (1961)] -
 - [Az]
 Tropical & Subtropical Asia

DIPLAZIUM SWARTZ IN SCHRADER - Jour. fur die Bot. 1800(2):4 & 61 (1801)

DIPLAZIUM CAUDATUM (CAV.) JERMY - Brit. Fern Gaz. 9:161 (1964)
 TECTARIA CAUDATA CAV. - Anal. Ci. Nat. 4:100 (1801)
 ASPLENIUM UMBROSUM SENSU AUCT. [NON AITON (1789)] -
 ATHYRIUM UMBROSUM SENSU AUCT. PLUR. [NON AITON (1789)] -
 - Az Hs
 Madeira, Islas Canarias, Cape Verde Islands

DIPLAZIUM ESCULENTUM (RETZ.) SWARTZ IN SCHRADER - Jour. fur die Bot.
 1801(1):312 (1803)
 HEMIONITIS ESCULENTA RETZ. - Obs. Bot. 6:38 (1791)
 - [Az]
 Old World Tropics

DIPLAZIUM SIBIRICUM (TURCZ. EX G. KUNZE) KURATA IN NAMEGATA - Coll. Cult.
 Ferns Fern Allies 340 (1961)
 ASPLENIUM SIBIRICUM TURCZ. EX G. KUNZE - Analecta Pterid. 25 (1837)
 ASPIDIUM CRENATUM SOMMERF. - Kongl. Vet. Acad. Handl. 1834:104 (1835)
 ATHYRIUM CRENATUM (SOMMERF.) RUPR. IN F. NYL. - Spicil. Pl. Fenn. 2:14
 (1844)
 ALLANTODIA CRENATA (SOMMERF.) R.-C. CHING - Acta Phytotax. Sin. 10:303
 (1965)
 - Fe No Rs:C Rs:E Rs:N
 N. Asia

GYMNOCARPIUM NEWMAN - Phytologist 4:371 (1851)

GYMNOCARPIUM x ACHRIOSPORUM SARVELA - Ann. Bot. Fenn. 15:104 (1978)
 GYMNOCARPIUM x HYBRIDUM ROTHM., NOM. NUD. - Exkurs.-Fl. Krit. Erganz. 6
 (1963)
 - Ge Su
 Parents:

GYMNOCARPIUM DRYOPTERIS (L.) NEWMAN
 GYMNOCARPIUM ROBERTIANUM (HOFFM.) NEWMAN

GYMNOCARPIUM DRYOPTERIS (L.) NEWMAN - Phytologist 4:371 (1851)
 POLYPODIUM DRYOPTERIS L. - Sp. Pl. 1093 (1753)
 POLYPODIUM PULCHELLUM SALISB., NOM. ILLEGIT. - Prodr. 404 (1796)
 POLYSTICHUM DRYOPTERIS (L.) ROTH - Tent. Fl. Germ. 3(1):80 (1799)
 NEPHRODIUM DRYOPTERIS (L.) MICHX - Fl. Bor.-Amer. 2:270 (1803)
 LASTREA DRYOPTERIS (L.) BORY, COMB. INVAL. - Dict. Class. Hist. Nat.
 9:232 (1826)
 POLYPODIUM DRYOPTERIS L. VAR. DISJUNCTUM RUPR. - Distr. Crypt. Vasc.
 Ross. 52 (1845)
 ASPIDIUM DRYOPTERIS (L.) BAUMG. - Enum. Stirp. Transs. 4:29 (1846)

- PHEGopteris dryopteris (L.) FEE - Mem. Fam. Foug. 5:243 (1852)
 POLYPODIUM TRIANGULARE DULAC, NOM. ILLEGIT. - Fl. Dep. Hautes-Pyr. 31
 (1867)
 DRYOPTERIS LINNAEANA C. CHR. - Ind. Fil. 275 (1905)
 DRYOPTERIS PULCHELLA (SALISB.) HAYEK - Fl. Steierm. 1:39 (1908)
 DRYOPTERIS DRYOPTERIS (L.) CHRIST - Bull. Acad. Int. Geogr. Bot. 20:151
 (1909)
 THELYPTERIS DRYOPTERIS (L.) SLOSSON IN RYDB. - Fl. Rocky Mount. 1043
 (1917)
 DRYOPTERIS DISJUNCTA (RUPR.) C.V. MORTON - Rhodora 43:217 (1941)
 CURRANIA DRYOPTERIS (L.) WHERRY - Bartonica 21:15 (1942)
 GYMNOCARPIUM DISJUNCTUM (RUPR.) R.-C. CHING - Acta Phytotax. Sin. 10:304
 (1965)
 CARPOGYMNA DRYOPTERIS (L.) A. & D. LOVE - Univ. Colorado Stud. Biol.
 24:8 (1966)

- Al Au Be Br Bu Co Cz Da Fa Fe Ga Ge Gr Hb He Ho Hs Hu Is It Ju No Po Rm Rs: B
 Rs: C Rs: E Rs: K Rs: N Rs: W Su

Asia, N. America

See also:

- GYMNOCARPIUM x ACHRIOSPORUM SARVELA
 GYMNOCARPIUM x INTERMEDIUM SARVELA

GYMNOCARPIUM x HETEROSPORUM W. WAGNER - Rhodora 68:132 (1966)

- Fe

N. America

Parents:

- GYMNOCARPIUM JESSOENSE (KOIDZ.) KOIDZ. SSP. PARVULA SARVELA
 GYMNOCARPIUM ROBERTIANUM (HOFFM.) NEWMAN

GYMNOCARPIUM x INTERMEDIUM SARVELA - Ann. Bot. Fenn. 15:105 (1978)

- Fe ?Rs: N

Parents:

- GYMNOCARPIUM DRYOPTERIS (L.) NEWMAN
 GYMNOCARPIUM JESSOENSE (KOIDZ.) KOIDZ. SSP. PARVULA SARVELA

GYMNOCARPIUM JESSOENSE (KOIDZ.) KOIDZ. - Acta Phytotax. Geobot. (Kyoto) 5:40
 (1936)

DRYOPTERIS JESSOENSIS KOIDZ. - Bot. Mag. (Tokyo) 38:104 (1924)

- Fe

GYMNOCARPIUM JESSOENSE (KOIDZ.) KOIDZ. SSP. PARVULA SARVELA - Ann. Bot. Fenn.
 15:103 (1978)

DRYOPTERIS PULCHELLA (SALISB.) HAYEK VAR. CONTINENTALIS PETROV - Fl.
 Yakut. 1:14 (1930)

DRYOPTERIS CONTINENTALIS (PETROV) FOMIN IN KOMAROV - Fl. URSS 1:43 (1934)

GYMNOCARPIUM CONTINENTALE (PETROV) POJARK. - Soobshch. Tadzh. Fil. Akad.
 Nauk SSSR 22:10 (1950)

- Fe

N. Asia

See also:

- GYMNOCARPIUM x HETEROSPORUM W. WAGNER
 GYMNOCARPIUM x INTERMEDIUM SARVELA

GYMNOCARPIUM ROBERTIANUM (HOFFM.) NEWMAN - Phytologist 4:371 (1851)

POLYPODIUM ROBERTIANUM HOFFM. - Deutschl. Fl. 2: add. & emend. (1796)

POLYPODIUM OBTUSIFOLIUM SCHRANK IN SCHRANK & MOLL - Naturh. Briefe 2:296
 (1785)

POLYPODIUM CALCAREUM SM. - Fl. Brit. 3:1117 (1804)

LASTREA CALCAREA (SM.) BORY, COMB. INVALID. - Dict. Class. Hist. Nat. 9:233
 (1826)

LASTREA ROBERTIANA (HOFFM.) NEWMAN - Hist. Brit. Ferns ed. 2, 13 (1844)

ASPIDIUM CALCAREUM (SM.) BAUMG. - Enum. Stirp. Transs. 4:29 (1846)

- POLYPODIUM DRYOPTERIS L. SSP. ROBERTIANUM (HOFFM.) HAPTMAN - Svensk Norsk Excurs.-Fl. 151 (1846)
 PHEGopteris calcarea (SM.) FEE - Mem. Fam. Foug. 5:243 (1850)
 POLYPODIUM DISJUNCTUM SENSU SCHUR - Osterr. Bot. Zeitschr. 8:193 (1858)
 PHEGopteris robertiana (HOFFM.) A. BRAUN EX ASCHERSON - Fl. Brandenb. 2:198 (1859)
 NEPHRODIUM ROBERTIANUM (HOFFM.) PRANTL - Exkurs.-Fl. Bayern 24 (1884)
 ASPIDIUM ROBERTIANUM (HOFFM.) LUERSSEN IN ASCHERSON & GRAEBNER - Syn. Mitteleur. Fl. 1:22 (1896)
 DRYOPTERIS ROBERTIANA (HOFFM.) C. CHR. - Ind. Fil. 289 (1905)
 DRYOPTERIS DISJUNCTA (RUPR.) C.V. MORTON SSP. CALCAREA (SM.) ROUY - Fl. Fr. 14:399 (1913)
 THELYPTERIS ROBERTIANA (HOFFM.) SLOSSON IN RYDB. - Fl. Rocky Mount. 1044 (1917)
 CURRANIA ROBERTIANA (HOFFM.) WHERRY - Bartonia 21:15 (1942)
 GYMNOCARPIUM OBTUSIFOLIUM (SCHRANK) O. SCHWARZ - Mitt. Thur. Bot. Ges. 1:84 (1949)
 DRYOPTERIS OBTUSIFOLIA (SCHRANK) O. SCHWARZ - Mitt. Thur. Bot. Ges. 1:84 (1949)
 LASTREA OBTUSIFOLIA (SCHRANK) JANCHEN - Phytion (Austria) 2:63 (1950)
 CARPOGYMNA ROBERTIANA (HOFFM.) A. & D. LOVE - Taxon 16:191 (1967)
 - Al Au Be Br Bu Cz Fe Ga Ge Gr Hb He Ho Hs Hu It Ju No Po Rm Rs:B Rs:C Rs:K Rs:N Rs:W Su
 Asia, N. America, Algeria
 See also:
 GYMNOCARPIUM x ACHRIOSPORUM SARVELA
 GYMNOCARPIUM x HETEROSPORUM W. WAGNER

MATTEUCCIA TOD. - Gior. Sci. Nat. Econ. Palermo 1:235 (1866)

MATTEUCCIA STRUTHIOPTERIS (L.) TOD. - Gior. Sci. Nat. Econ. Palermo 1:235 (1866)

- OSMUNDA STRUTHIOPTERIS L. - Sp. Pl. 1066 (1753)
 STRUTHIOPTERIS FILICASTRUM ALL. - Fl. Pedem. 2:283 (1785)
 ONOCLEA STRUTHIOPTERIS (L.) ROTH - Ann. Bot. (Usteri) 10:54 (1794)
 STRUTHIOPTERIS GERMANICA WILLD. - Enum. Pl. Horti Berol. 1071 (1809)
 ONOCLEA GERMANICA (WILLD.) HOOKER & BAKER - Syn. Fil. 46 (1868)
 PTERETIS STRUTHIOPTERIS (L.) NIEUWL. - Amer. Midl. Nat. 3:197 (1914)
 - Au Be Cz Da Fe [Ga] Ge [Hb] He Hu It Ju No Po Rm Rs:B Rs:C Rs:E Rs:N Rs:W ?Si Su
 Asia, N. America

ONOCLEA L. - Sp. Pl. 1062 (1753)

ONOCLEA SENSIBILIS L. - Sp. Pl. 1062 (1753)
 - [Br] [Ge]
 North America and Eastern Asia

WOODSIA R. BR. - Prodr. Fl. Nov. Holl. 158 (1810)

- WOODSIA ALPINA (BOLTON) S.F. GRAY - Nat. Arr. Brit. Pl. 2:17 (1821)
 ACROSTICHUM ALPINUM BOLTON - Fil. Brit. 2:76 (1790)
 ACROSTICHUM ILVENSE SENSU L. [NON L. (1753)] - Fl. Angl. 25 (1754)
 POLYPODIUM ALPINUM (BOLTON) WITH. - Arr. Brit. Pl. ed. 2, 3(2):58 (1792)
 ACROSTICHUM HYPERBOREUM LILJEBLAD - Kongl. Vet. Acad. Handl. 14:201 (1793)
 POLYPODIUM ILVENSE SENSU WITH. - Arr. Brit. Pl. ed. 3, 3:774 (1796)

- POLYPODIUM HYPERBOREUM (LILJEBLAD) SWARTZ IN SCHRADER - Jour. fur die Bot. 1800(2):21 (1801)
- CETERACH ALPINUM (BOLTON) DC. IN LAM. & DC. - Fl. Fr. ed. 3, 2:567 (1805)
- WOODSIA HYPERBOREA (LILJEBLAD) R. BR. - Trans. Linn. Soc. London 11:173 (1815)
- WOODSIA PILOSELLA RUPR. - Beitr. Pfl. Russ. Reich. 3:54 (1845)
- WOODSIA ILVENSIS (L.) R. BR. SSP. HYPERBOREA (LILJEBLAD) HARTMAN - Svensk Norsk Excurs.-Fl. 152 (1846)
- WOODSIA ILVENSIS (L.) R. BR. SSP. ALPINA (BOLTON) ASCHERSON IN ASCHERSON & GRAEBNER - Syn. Mitteleur. Fl. ed. 1, 1:46 (1896)
- Au Br Cz Fe Ga Ge He Hs Hu Is It Ju No Po Rm Rs:C Rs:N Rs:W Su
Asia, N. America
- WOODSIA GLABELLA R. BR. EX RICHARDSON IN FRANKLIN - Narr. Journey 26 (1823)
- Au Fe Ga Ge He Hs Is It Ju No Rm Rs:C Rs:N Sb Su
Asia, N. America
- WOODSIA GLABELLA R. BR. EX RICHARDSON SSP. GLABELLA -
- Fe No Rm Rs:C Rs:N Sb Su
- WOODSIA GLABELLA R. BR. EX RICHARDSON SSP. PULCHELLA (BERTOL.) A. & D. LOVE - Bot. Not. 114:49 (1961)
- WOODSIA PULCHELLA BERTOL. - Fl. Ital. Crypt. 1:111 (1858)
- WOODSIA GLABELLA SENSU AUCT. EUR. CENTR. [NON R. BR. (1823)] -
- Au Ga Ge He Hs It Ju
- WOODSIA ILVENSIS (L.) R. BR. - Trans. Linn. Soc. London 11:173 (1815)
- ACROSTICHUM ILVENSE L. - Sp. Pl. 1071 (1753)
- ACROSTICHUM MARANTAE SENSU HAENKE PRO PARTE IN JACQ. - Collect. Bot. 2:5 (1788)
- POLYPODIUM MARANTAE SENSU HOFFM. EXCL. SYN. - Deutschl. Fl. 2:5 (1791)
- POLYPODIUM ARVONICUM WITH. - Arr. Brit. Pl. ed. 3, 3:774 (1796)
- NEPHRODIUM RUFIDULUM MICHX - Fl. Bor.-Amer. 2:269 (1803)
- ASPIDIUM RUFIDULUM (MICHX) SWARTZ - Syn. Fil. 58 (1806)
- WOODSIA RUFIDULA (MICHX) BECK - Bot. North. Middle States 452 (1833)
- LASTREA RUFIDULA (MICHX) C. PRESL - Tent. Pteridogr. 76 (1836)
- WOODSIA RAIANA NEWMAN, NOM. PROVIS. - Hist. Brit. Ferns ed. 2, 140 (1844)
- WOODSIA ILVENSIS (L.) R. BR. SSP. ARVONICA (WITH.) MILDE - Hoheren Sporenpfl. Deutschl. Schweiz 74 (1865)
- WOODSIA HYPERBOREA (LILJEBLAD) R. BR. SSP. ILVENSIS (L.) HOOKER FIL. - Stud. Fl. Brit. Is. ed. 3, 515 (1884)
- WOODSIA HYPERBOREA (LILJEBLAD) R. BR. SSP. RUFIDULA (MICHX) KORSH. - Acta Horti Petrop. 12:430 (1893)
- WOODSIA ILVENSIS (L.) R. BR. SSP. RUFIDULA (MICHX) ASCHERSON IN ASCHERSON & GRAEBNER - Syn. Mitteleur. Fl. 1:45 (1896)
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