

Type material of Pteridophytes in the Herbarium of the Dresden University of Technology – Technische Universität Dresden (DR)

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Abstract: Müller, F. & Wagner, S. 2021: Type material of Pteridophytes in the Herbarium of the Dresden University of Technology – Technische Universität Dresden (DR). *Schlechtendalia* **38**: 263–269.

This paper lists all type specimens of taxa of pteridophytes detected so far in the Herbarium of the Dresden University of Technology (DR). Specimens that are probably type material (“Typus probabiliter”) as well as specimens representing original material (“Specimen originale”) are also presented. The type collections of DR are online available via the database Virtual Herbaria JACQ (<http://www.jacq.org/>).

Zusammenfassung: Müller, F. & Wagner, S. 2021: Typusmaterial von Pteridophyten im Herbarium der Technischen Universität Dresden (DR). *Schlechtendalia* **38**: 263–269.

In der vorliegenden Arbeit werden die bisher identifizierten Typusbelege der Sippen der Farne und Lycophyten aus dem Herbarium der Technischen Universität Dresden (DR) aufgelistet. In der Liste sind auch Herbarbelege enthalten, bei denen es sich vermutlich um Typusmaterial (“Typus probabiliter”) oder um Originalmaterial (“Specimen originale”) handelt. Eine Übersicht der DR-Typen kann auch online über die Datenbank Virtual Herbaria JACQ abgerufen werden (<http://www.jacq.org/>).

Key words: Ferns, lycophytes, type specimens, list.

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Introduction

The present work follows the presentation of type specimens of Poaceae (Müller & Wagner 2021) and lists the types of pteridophytes kept in the Herbarium of the Dresden University of Technology (DR) (acronyms according to Thiers 2019). Specimens were identified during the continuous processing and digitalisation of the Dresden collections since 2017. As much of the old parts of the herbarium had been destroyed in 1945, we had previously assumed that many type specimens had also been lost and that the current collection contains only a few of them. However, the current inventory has revealed that the collection contains a significant number of types. Particularly noteworthy among the ferns and lycophytes collection of DR, there are specimens collected by E.F. Poeppig in Peru, Cuba, and Chile, by G.H.W. Schimper in Ethiopia, by P.G. Lorentz & G.H.E.W. Hieronymus in Argentina, and by A. Stübel in Colombia and Ecuador.

For each collection the bibliographical reference, the collection details (e.g., collector, locality, date of collection, collection number, exsiccatae) as well as the respective type status is given. Each collection is annotated as holo-, iso-, lecto-, or syntype, respectively. If the exact status of the specimen is not known the general term “Typus” is applied. Specimens that are probably type material (“Typus probabiliter”) as well as specimens representing original material (“Specimen originale”) are also presented. Additional information on localities is provided in square brackets, if the original labels do not give clear details. According to current knowledge, the accepted name for the taxon is specified in bold letters. To make it easier to find names of taxa, references to names used in the list have been added. For each specimen the herbarium number is provided. A scan of each specimen can be viewed in Virtual Herbaria JACQ (<http://www.jacq.org/>). The stable identifier for each database entry is <https://dr.jacq.org/DRXXXXXX>, with the 6-digit herbarium number at the end.

Type collections of pteridophytes in DR

Acrostichum villosum var. *poeppigianum* Fée, *Mém. Foug.* 2: 50. pl. 20 (1845) [= *Elaphoglossum poeppigianum* (Fée) T.Moore]; Syntypus: Flora peruviana, in arboribus ad Cuchero, 1829, E.F. Poeppig s.n.; DR 049405.

Adiantum lorentzii Hieron., Bot. Jahrb. Syst. 22: 393 (1896); Syntypus: [Argentina] Siambon, Sierra de Tucuman, 01.1874, G.H.E.W. Hieronymus & P.G. Lorentz 800; DR 068462.

Amauropelta lepidula (Hieron.) A.R.Sm., PhytoKeys 57: 25 (2015) – vide *Dryopteris lepidula* Hieron.

Anemia cicutaria Poepp. ex Spreng., Syst. veg. (ed. 16) [Sprengel] 4(1): 31 (1827); Isotypus: In rupium fissuris Cubae ad Embarcadero del Caminar, s. d., E.F. Poeppig s.n.; DR 054975.

Anemia cuneata Poepp. ex Spreng., Syst. veg. (ed. 16) [Sprengel] 4(1): 32 (1827); Typus: Ad torrentum Cubae latera umbrosa, s. d., E.F. Poeppig s.n.; DR 055086.

Anemia schimperiana C.Presl, Suppl. Tent. Pterid. 84 (1845); Isotypus: [Ethiopia] In regione Gafta, 14.09.1838, G.H.W. Schimper, *Iter Abyssinicum: Sectio secunda* 1203; DR 055085.

Aspidium macrophyllum var. *decurrens* Kunze, Linnaea 9 (1): 89 (1834) [= ***Tectaria kunzei*** (Hieron.) C.Chr.]; Typus probabiliter: Flor. peruviana, sylvae ad Cuchero, 1829, E.F. Poeppig s.n.; DR 049280.

Aspidium plicatum Poepp. ex Kunze var. *rigidum* Kunze, Linnaea 9(1): 94–95 (1834) [= ***Polystichum plicatum*** (Poepp. ex Kunze) Hicken ex Hosseus]; Isotypus: In Chile austral. rupib. alpin. cacuminis Pico de Pilque, Andes de Antuco, 12.1828, E.F. Poeppig *Diar.* 745; DR 049279.

Aspidium schimperianum Hochst. ex A.Braun, Flora 24: 708 (1841) [= ***Dryopteris schimperiana*** (Hochst.) C.Chr.]; Isotypus: [Ethiopia] Locis umbrosis ad rupes superiores et mediae partis septentrionalis montis Scholoda, 26.10.1837, G.H.W. Schimper, *Iter Abyssinicum: Sectio prima: plantae Adoënses* 6; DR 050664.

Asplenium abyssinicum Fée, Mém. Foug. 5: 199 (1850); Isotypus: [Ethiopia] Locis umbrosis mediae regionis montis Silke, 12.02.1842, G.H.W. Schimper, *Iter Abyssinicum: Sectio secunda* 679; DR 047282.

Asplenium argentinum Hieron., Hedwigia 60: 249(–251) (1918); Syntypus: [Argentina] Sierra de Tucuman, Siambon, 01.1874, P.G. Lorentz & G.H.E.W. Hieronymus 798; DR 067103.

Asplenium heterochroum Kunze, Linnaea 9(1): 67–68 (1834); Typus probabiliter: Flor. Cubens., ad rupes umbrosas muscosas Cubae ad Embarcadero del Canimar, 05.1823, E.F. Poeppig; DR 046533.

Asplenium ×poscharskyanum (Hofm.) Dörfl., Herb. Norm. Sched. Cent. [Dörfler] nr. 3670 (1898) – vide *Asplenium viride* var. *poscharskyanum* Hofm.

Asplenium squamosum L., Sp. Plant. 2: 1082 (1753) – vide *Asplenium tucumanense* Hieron.

Asplenium tucumanense Hieron., Bot. Jahrb. Syst. 22(3): 380 (1896) [= ***Asplenium squamosum*** L.]; Isotypus: [Argentina] Sierra de Tucuman, Cuesta del Garabatal, 01.1873, P.G. Lorentz & G.H.E.W. Hieronymus 1027; DR 067104.

Asplenium viride var. *poscharskyanum* Hofm., Allg. Bot. Z. Syst. 1: 234 (1895) [= ***Asplenium ×poscharskyanum*** (Hofm.) Dörfl.]; Typus: In saxis serpentinis ad Ansprung prope Zoebnitz cum. *Aspl. viride* Huds. et *adulterinum* Milde f. *normalis*, 11.09.1893, H. Hofmann; DR 047305.

Remarks: In the protologue of *Asplenium viride* var. *poscharskyanum* Hofmann (1895) cited material collected by Poscharsky near Zöblitz and labelled by Poscharsky as *Asplenium adulterinum* var. *trichomanes-viride* as identical with his newly described var. *poscharskyanum* (now treated as *Asplenium ×poscharskyanum*). We have two specimens in our herbarium with this label information (DR 019351 & 019349). Examination of the material has shown that it does not belong to the hybrid *Asplenium ×poscharskyanum*. The

spores are normally developed so that the presence of a hybrid can be ruled out. The examination of this material by S. Jeßen (Chemnitz) has shown that DR 019351 contains *A. adulterinum* (on the left side of the sheet) and *A. viride* (on the right side of the sheet) and that of DR 019349 *A. viride*. Therefore, these two specimens could not represent type material.

Blechnum rubicundum Hieron., Hedwigia 47: 242–243 (1908) [= ***Parablechnum stipitellatum*** (Sodi) Gasper & Salino]; Isotypus: Ecuador [protologue says Colombia, the location is on the Ecuadorian-Colombian border], Weg nach la Ceja, s. d., A. Stübel, *Plantae Stübelianae, Filices* 347; DR 045553.

Blechnum schomburgkii (Klotzsch) C.Ch., Index Filic. 159 (1905) – vide *Blechnum schomburgkii* var. *squamulosa* Hieron.

Blechnum schomburgkii var. *squamulosa* Hieron., Hedwigia 47: 243 (1908) [= ***Blechnum schomburgkii*** (Klotzsch) C.Ch.]; Syntypus: [Colombia] Chiles, Weg n. d. Ceja (Mayasquer), 1864, A. Stübel 348; DR 045536.

Cyathea delgadoi Pohl ex Sternb., Vers. Fl. Vorwelt 1(Heft 4): 47. t. B (1825) – vide *Cyathea oligocarpa* Kunze.

Cyathea divergens Kunze, Linnaea 9(1): 100–101 (1834); Typus probabiliter: Flor. peruviana, in montibus ad Cuchero, 1829, *E.F. Poeppig*; DR 044836 & DR 044837.

Cyathea oligocarpa Kunze, Linnaea 9(1): 101 (1834) [= ***Cyathea delgadoi*** Pohl ex Sternb.]; Syntypus: Flor. peruviana, in sylvis obscuris ad Cuchero, s. d., *E.F. Poeppig*; DR 044833, DR 044834, DR 044835.

Dennstaedtia dissecta (Sw.) T.Moore, Index Fil. 305 (1861) – vide *Dicksonia erosa* Kunze.

Dennstaedtia globulifera (Poir.) Hieron., Bot. Jahrb. Syst. 34(4): 455 (1904) – vide *Dennstaedtia tenera* var. *dentata* Hieron.

Dennstaedtia tenera var. *dentata* Hieron., Bot. Jahrb. Syst. 22(3): 362 (1896) [= ***Dennstaedtia globulifera*** (Poir.) Hieron.]; Syntypus: [Argentina] Sierra de Tucuman, Siambon, 01.1874, *P.G. Lorentz & G.H.E.W. Hieronymus* 794; DR 067102.

Dicksonia erosa Kunze, Linnaea 9(1): 88 (1834) [= ***Dennstaedtia dissecta*** (Sw.) T.Moore]; Typus probabiliter: Flor. peruviana, in sylvis ad Cuchero, 1829, *E.F. Poeppig s.n.*; DR 046503.

Diplazium wolfii Hieron., Hedwigia 47: 220, pl.2, f.6 (1908); Typus probabiliter: Ecuador, Excursion Banos – Jivaría de Pontuc [Pintuc], s. d., A. Stübel s.n.; DR 045844.

Dryopteris lepidula Hieron., Hedwigia 46: 328, t.4, f.4 (1907) [≡ ***Amauropelta lepidula*** (Hieron.) A.R.Sm.]; Syntypus: Colombia, Miraflores, Reise von Pasto nach Tulcan, s. d., A. Stübel, *Plantae Stübelianae, Filices* 332; DR 052985.

Dryopteris schimperiana (Hochst.) C.Ch., Index Filic. 291 (1905) – vide *Aspidium schimperianum* Hochst. ex A.Braun.

Elaphoglossum poeppigianum (Fée) T.Moore, Index Filic. 13 (1857) – vide *Acrostichum villosum* var. *poeppigianum* Fée.

Gleichenia affinis var. *pachensis* Hieron., Hedwigia 48: 286 (1909) [= ***Sticherus revolutus*** (Kunth) Ching]; Syntypus: Colombia. Paramo de Pacho, Excurs. von Bogota nach Muzo, s. d., A. Stübel, *Plantae Stübelianae, Filices* 549; DR 054974.

Gleichenia cundinamarcensis Hieron., Hedwigia 48 (4–5): 286 (1909) [≡ ***Sticherus cundinamarcensis*** (Hieron.) Nakai]; Isotypus: Colombia. Excurs. nach den Llanos de San Martin, Weg von Villavicencio u. Umgebung von Villav. oberhalb Batatas, s. d., A. Stübel, *Plantae Stübelianae, Filices* 588; DR 054973.

Gymnogramma goudotii Hieron., Bot. Jahrb. Syst. 34 (4): 476–477 (1904) [= **Jamesonia goudotii** (Hieron.) C.Chr.]; Syntypus: Tolima, Columbien, s. d., A. Stübel, *Plantae Stübelianae, Filices* 68; DR 050976.

Huperzia curvifolia (Kunze) Holub, Folia Geobot. Phytotax. 20: 72 (1985) – vide *Lycopodium curvifolium* Kunze.

Huperzia polycarpus (Kunze) B.Øllg., Opera Bot. 92: 169 (1987) – vide *Lycopodium polycarpum* Kunze.

Hymenophyllum digitatum (Sw.) Fosberg, Smithsonian Contr. Bot. 45: 1 (1980) – vide *Trichomanes digitatum* var. *uluguruense* Reimers.

Hymenophyllum lineare var. *brasiliense* Rosenst., Hedwigia 46: 74 (1907) [= ***Hymenophyllum rufum*** Fée]; Typus probabiliter: [Brazil] Est. Rio Grande do Sul, Santa Cruz, Herval do Paredão, 1906, C. Juergens, Dr. E. Rosenstock, *Filices austrobrasilienses exsiccatae* 157; DR 068470.

Hymenophyllum rufum Fée, Crypt. Vasc. Bresil 1: 198, t.70, f.4 (1869) – vide *Hymenophyllum lineare* var. *brasiliense* Rosenst.

Hypoderris stuebelii Hieron., Hedwigia 46: 323 (1907) [= ***Mickelia oligarchica*** (Baker) R.C.Moran, Labiak & Sundue]; Isotypus: [Ecuador] von Avitagua [= Abitagua] nach Pintuc auch auf dem Wege zwisch. Rio Topo und Avitagua [= Abitagua], s. d., A. Stübel, *Plantae Stübelianae, Filices* 906; DR 045711.

Isoëtes adspersa A.Braun, Expl. Sci. Algerie 1 (13): Tab. 37, fig. 3 (1849) [= ***Isoëtes longissima*** subsp. ***adspersa*** (A.Braun) Troia & Greuter]; Typus probabiliter: Algerie, Oran, flaques dessechées de bonne heure au printemps, 30.04.1842, M.C. Durieu de Maisonneuve; DR 045385.

Isoëtes durieui Bory, Compt. Rend. Hebd. Séances Acad. Sci. 18: 1166 (–1167) (1846); Isolectotypus (see Troia & Greuter 2014): [Algeria] Côteaux de Bab-Azoum, près Algier, 01.04.1844, M.C. Durieu de Maisonneuve; DR 045875.

Isoëtes histrix Bory, Compt. Rend. Hebd. Séances Acad. Sci. 18 (26): 1167–1168 (1844); Syntypus: [Algeria] Pentes nues des contreforts de l'Eydoug, pres Bône [Annaba] (Algerie), 27.05.1844, M.C. Durieu de Maisonneuve; DR 045412; Algerie, La Calle [El Kala], 04.1841, M.C. Durieu de Maisonneuve; DR 045413.

Isoëtes longissima Bory, Compt. Rend. Hebd. Séances Acad. Sci. 18 (26): 1165 (1844); Typus probabiliter: Mares de forets, Algerie, La Calle, 26.06.1844, M.C. Durieu de Maisonneuve; DR 045391. – vide also *Isoëtes velata* A.Braun.

Isoëtes longissima subsp. ***adspersa*** (A.Braun) Troia & Greuter, Willdenowia 44(2): 288 (2014) – vide *Isoëtes adspersa* A.Braun.

Isoëtes malinverniana Ces. & De Not., Index Seminum [Genoa]: 36–40 (1858); Syntypus: [Italy] In aequatibus circa Oldenico, Vercellensis ditionis pago, 1858, A. Malinverni, Rabenhorst, *Cryptog. vascul. Europ.*, N. 26; DR 045389.

Isoëtes tegulensis Gennari subf. *submersa* A.Braun, Rabenhorst, *Cryptog. Vascul. Europ.*: no. 104, descr. germ. (1884) [= ***Isoëtes tiguliana*** Gennari]; Syntypus: Templo, Sardinien, 1866, E. Marcucci; DR 045382.

Isoëtes tiguliana Gennari, in Comment. Soc. Crittog. Ital. 1: 42 (1861) – vide *Isoëtes tegulensis* Gennari subf. *submersa* A.Braun.

Isoëtes velata A.Braun, Expl. Sci. Algerie (atlas): pl. 37, fig. 1 (1846) [= ***Isoëtes longissima*** Bory]; Typus: [Algeria] Mare sylvatique entre Bône [Annaba] et La Calle [El Kala], 04.03.1841, M.C. Durieu de Maisonneuve; DR 045393; Typus: Prairies naturelles, Algerie. La Calle [El Kala], 31.05.1842, M.C. Durieu de Maisonneuve; DR 045396.

- Jamesonia goudotii*** (Hieron.) C.Chr., Index Filic. 373 (1905) – vide *Gymnogramma goudotii* Hieron.
- Lepisorus excavatus*** (Bory ex Willd.) Ching, Bull. Fan Mem. Inst. Biol. 4: 68 (1933) – vide *Polypodium phlebodes* Kunze ex Mett.
- Lomariopsis smithii* Fée, Mém. Foug., 2. Hist. Acrostich. 71, t.33, f.2, t.53 (1845) [= ***Lomariopsis lineata*** (C.Presl) Holttum]; Typus: [Philippines] Luzon, s. d., *H. Cuming*; DR 046566.
- Lomariopsis lineata*** (C.Presl) Holttum, Novit. Bot. 1968: 9 (1969) – vide *Lomariopsis smithii* Fée.
- Lycopodium curvifolium* Kunze, Linnaea 9: 5 (1834[1835]) [= ***Huperzia curvifolia*** (Kunze) Holub]; Syntypus: Flor. peruviana, supra arbores vetustas ad Cuchero, 1829, *E.F. Poeppig*; DR 068471.
- Lycopodium polycarpum* Kunze, Linnaea 9: 5 (1834[1835]) [= ***Huperzia polycarpus*** (Kunze) B.Øllg.]; Typus probabiliter: Flor. peruviana, in arboribus cavis parasiticas Cuchero, 1829, *E.F. Poeppig*; DR 068472.
- Marsilea nubica*** A.Braun, Monatsber. königl. Preuss. Akad. Wiss. Berlin (1863): 432–433 (1864); Isotypus: [Sudan] Ad montem Cordofanum Arasch-Cool in stagnis pluvialibus exsiccates, 06.10.1839, *C.G.T. Kotschy, Iter nubicum* (C. G. T. Kotschy) 126; DR 045919.
- Mertensia velata* Kunze, Linnaea 9(1): 15 (1834) [= ***Sticherus velatus*** (Kunze) Copel.]; Typus probabiliter: Flor. peruviana, in dumetis ad Cuchero, 1830, *E.F. Poeppig*; DR 055004.
- Mickelia oligarchica*** (Baker) R.C.Moran, Labiak & Sundue, Brittonia 62(4): 350 (2010) – vide *Hypoderris stuebelii* Hieron.
- Niphidium anocarpos*** (Kunze) Lellinger, Amer. Fern J. 62(4): 120 (1972) – vide *Polypodium anocarpos* Kunze.
- Ophioglossum macrorrhizum* f. *apiculatum* Rosenst., nom. herb. [= ***Ophioglossum parvifolium*** Hook. & Grev.]; Specimen originale: Nordbrasilien, Amazonas, Rio Negro: Umarituba, 11.11.1928, *P. von Lützelburg, Dr. E. Rosenstock, Filices brasilienses exsicc.* 22179; DR 055257.
- Ophioglossum nudicaule*** L.f., Suppl. Pl. 4 (1781) – vide *Ophioglossum surinamense* Rchb.
- Ophioglossum parvifolium*** Hook. & Grev., Bot. Misc. 3: 218 (1833) – vide *Ophioglossum macrorrhizum* f. *apiculatum* Rosenst.
- Ophioglossum pringlei* Underw. ex Conz., nom. inval. (without Latin description), Flora Taxonómica Mexicana 1: 141 (1939) [= ***Ophioglossum vulgatum*** L.]; Specimen originale: Mexico, State of Hidalgo. Moist woodlands near Trinidad Iron Works, 20.08.1904, *C.G. Pringle, Plantae mexicanae* 8924; DR 054971.
- Ophioglossum surinamense* Rchb., Pl. Exs. Surinam. (1828) [= ***Ophioglossum nudicaule*** L.f.]; Syntypus: Surinam, 1827, *C. Weigelt*; DR 054970.
- Ophioglossum vulgatum*** L., Sp. Pl. 2: 1062 (1753) – vide *Ophioglossum pringlei* Underw. ex Conz.
- Parablechnum stipitellatum*** (Sodiolo) Gasper & Salino, Phytotaxa 292(1): 72–73 (2017) – vide *Blechnum rubicundum* Hieron.
- Polypodium anocarpos* Kunze, Linnaea 9 (1): 40 (1834) [= ***Niphidium anocarpos*** (Kunze) Lellinger]; Typus probabiliter: Flora peruviana, supra arbores ad Cuchero, 1830, *E.F. Poeppig*; DR 049380.
- Polypodium eliasii* Sennen & Pau, Bull. Acad. Int. Géogr. Bot. sér. 3, 20(245–247): 94–95 (1910), as syn. [= ***Leptogramma pozoii*** (Lag.) Heywood]; Specimen originale: [Spain]

Biscaye: Cóbreces, bois, 21.01.1909, *Hno. Elias, Plantes d'Espagne* (Sennen) 907; DR 051008.

Polypodium phlebodes Kunze ex Mett., Abh. Senckenberg. Naturf. Ges. 2(1): 92, n. 163 (1856) [= *Lepisorus excavatus* (Bory ex Willd.) Ching]; Syntypus: [Ethiopia] Ad arborum truncos in praeruptis humidis districtus Bahara in provincia Sana, 05.08.1841, *G.H.W. Schimper, Iter Abyssinicum: Sectio tertia* 1560; DR 054972.

Polystichum plicatum (Poepp. ex Kunze) Hicken ex Hosseus, Trab. Inst. Bot. Pharmacol. 33: 9 (1915) – vide *Aspidium plicatum* Poepp. ex Kunze var. *rigidum* Kunze.

Radiovittaria stipitata (Kunze) E.H.Crane, Syst. Bot. 22: 515 (1997) – vide *Vittaria stipitata* Kunze.

Ragatelus eriophorus C.Presl, Abh. Königl. Böhm. Ges. Wiss., ser. 5, 6: 378–379, t. 9 (1851) [= *Trichomanes crispum* L.]; Typus probabiliter: Guyana, 1842, *R.H. Schomburgk*; DR 045578.

Schizaea fistulosa Labill., Nov. Holl. Pl. 2: 103, t.250, f.3 (1806) – vide *Schizaea valdiviana* Phil. ex Hook. & Bak.

Schizaea valdiviana Phil. ex Hook. & Bak., Hk. & Bak. Syn. 429 (1868) as synonym [= *Schizaea fistulosa* Labill.]; Specimen originale: without location, sp. nov., s. d., *R.A. Philippi*; DR 055092.

Leptogramma pozoi (Lag.) Heywood, Feddes Repert. 64: 19 (1961) – vide *Polypodium eliasii* Sennen & Pau.

Sticherus cundinamarcensis (Hieron.) Nakai, Bull. Natl. Sci. Mus. Tokyo 29: 15 (1950) – vide *Gleichenia cundinamarcensis* Hieron.

Sticherus revolutus (Kunth) Ching, Sunyatsenia 5: 285 (1940) – vide *Gleichenia affinis* var. *pachensis* Hieron.

Sticherus velatus (Kunze) Copel., Gen. Fil. [Copeland] 28 (1947) – vide *Mertensia velata* Kunze.

Tectaria kunzei (Hieron.) C.Chr., Index Filic., Suppl. Tert. 3: 181 (1934) – vide *Aspidium macrophyllum* var. *decurrens* Kunze.

Trichomanes crispum L., Sp. Pl. 2: 1097 (1753) – vide *Ragatelus eriophorus* C.Presl.

Trichomanes digitatum var. *uluguruense* Reimers, Notizblatt des Botanischen Gartens und Museums zu Berlin-Dahlem 11(109): 912 (1933) [= *Hymenophyllum digitatum* (Sw.) Fosberg]; Isotypus: [Tanzania] Ostafrika, Tanganjika Terr., Bezirk Morogoro; Uluguru-Gebirge, Nordwestseite, Bondua, 25.11.1932, *Pflanzen aus Ostafrika (Tanganjika Terr.)*, *H.J. Schlieben* 3028; DR 044801.

Trichomanes elegans Rich., Actes Soc. Hist. Nat. Paris 1: 114 (1792) – vide *Trichomanes prieurii* Kunze.

Trichomanes prieurii Kunze, Analecta Pteridogr.: 48 (1837) [= *Trichomanes elegans* Rich.]; Syntypus: Brazil, s. d., *C.F.P. von Martius, Herbarium florum brasiliensis* 387; DR 045581.

Vittaria stipitata Kunze, Linnaea 9(1): 77 (1834) [= *Radiovittaria stipitata* (Kunze) E.H.Crane]; Typus probabiliter: Flor. peruviana, in sylvis ad Cuchero supra arbores, 1829, *E.F. Poeppig* s. n.; DR 049568.

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