

Cambridge University Press

978-1-108-03926-0 - *Icones Plantarum: Or, Figures, with Brief Descriptive Characters and Remarks of New or Rare Plants, Selected from the Author's Herbarium: Volume 6*

William Jackson Hooker

Excerpt

[More information](#)*Gardnerianæ.*

N. O. Compos.-Mutisiaceæ.

TAB. DI.

SERIS POLYMORPHA. *Less.*

Scapo subsimplici subaphyllo, foliis radicalibus oblongo-lanceolatis obtusis apiculatis utrinque lanuginosis reticulato-venosis integerrimis basi attenuatis, invol. squamis linearibus acuminatis dense lanuginosis, capitulo radiato.

Seris polymorpha. *Less. in Linnæa*, 5. p. 253. *Syn.* p. 93. *DC. Prodr.* 7. p. 19. *Gardn. Herb. Bras.* n. 4956.

Onoseris brevifolia. *Don, Trans. Linn. Soc.* 16. p. 246. *ex Less.*

HAB. In upland sandy Campos, on the Serro do Frio, Diamond district, Brazil. Aug. 1840.

Herba pedalis. *Radix* usque ad collum lignosa. *Caulis* erectus, simplex vel ramosus, supra medium folia alterna bracteiformia gerens. *Folia* radicalia oblongo-lanceolata, obtusa, apiculata, utrinque lanuginosa, reticulato-venosa, integerrima, basi attenuata. *Capitula* multiflora. *Invol.* squamæ pluriseriales lineari-acuminatæ, extus lanuginosæ; interiores longiores. *Receptaculum* nudum. *Flor. disci* hermaphroditi, radii fœminici. *Flor. hermaph.* regulares quinquefidi, lobis revolutis: *fœm.* bilabiati vel aliquando ligulati. *Antheræ disci* caudibus laceratis; *radii* abortivæ, distinctæ: *Filamenta* glabra. *Stylus* glaber, ramis erectis obtusis. *Achenium* oblongum, erostre, dense villosum. *Pappus* uniserialis, setaceus, scaber.

This is a truly polymorphous plant, varying very much in the shape and size of its leaves, in the stem being simple or branched, and in the florets of the ray being either ligulate or bilobiate.—*G. Gardner.*

Fig. 1. Floret of the disk. *f.* 2. Anthers from the same. *f.* 3. Floret of the ray. *f.* 4. Hairs of the pappus:—*magnified.*

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N. O. Melastomaceæ.

TAB. DII.

LAVOISIERA LYCOPODIODES. *Gardn.*

Fruticosa dichotoma glaberrima, ramis teretibus adscendentibus subradicantibus, foliis sessilibus quadrifariam imbricatis ovatis obtusis supra medium subserratis uninerviis venis lateralibus subobsoletis, floribus terminalibus solitariis sessilibus, calycis fusco-punctati tubo turbinato lobis 5 ovatis æqualibus, antheris 10 dissimilibus.

Lavoisiera lycopodioides. *Gardn. Herb. Bras. n. 4577.*

HAB. In bare elevated rocky places, Serro do Frio, Province of Minas Geraes, Brazil. Aug. 1840.

Frutex parvulus. *Rami* dichotomi, teretes, adscendentes, subradicantes. *Folia* sessilia, quadrifariam imbricata, ovata, obtusa, supra medium subserrata, uninervia, venis lateralibus subobsoletis. *Flores* terminales, solitarii, sessiles. *Calycis* *tubus* turbinatus, limbo 5-lobis, lobis ovatis obtusis, demum deciduis. *Petala* 5, obovata, ampla, rosea. *Stamina* 10, inæqualia. *Antheræ* oblongæ, brevi-rostratæ, uniporosæ. *Stylus* filiformis. *Stigma* obtusum. *Ovarium* supra medium liberum, glabrum. *Capsula* 5-locularis, apice dehiscens. *Semina* angulata. *Testa* eleganter pellucido-punctata.

This most beautiful little shrub trails along the ground among a small species of *Vellozia*, and those portions of it which are not in flower resemble very much some of the larger kinds of *Lycopodium*. It does not agree with the characters of any of the species enumerated in De Candolle's *Prodromus*; but, judging from the description, it comes nearest to his *L. Itambana*.—*G. Gardner.*

Fig. 1. Apex of a branch with a flower-bud. *f. 2.* Two of the stamens. *f. 3.* Pistil. *f. 4. 5.* Leaves :—*magnified.*

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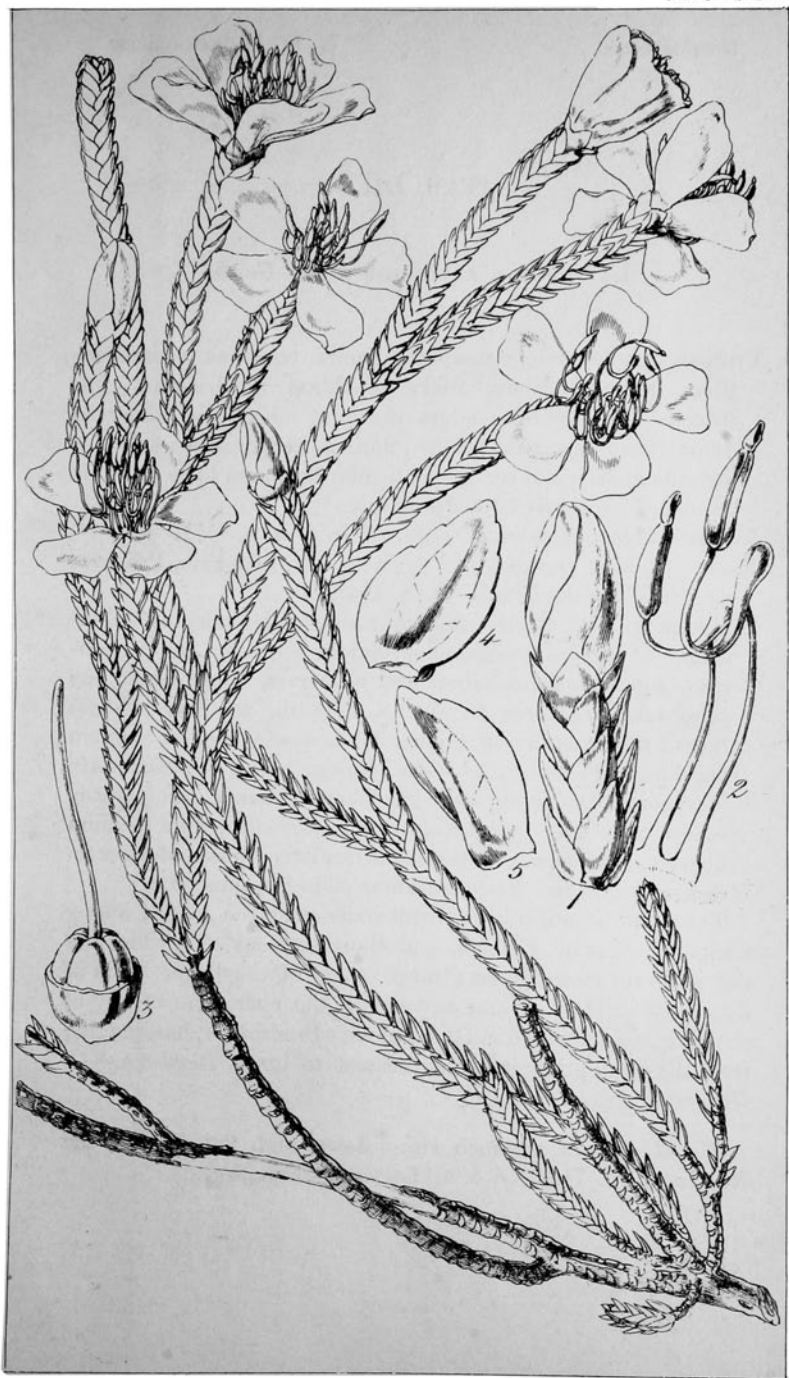
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Gardnerianæ.

N. O. Filices.

TAB. DIII.

ADIANTUM FILIFORME. *Gardn.*

Frondibus pinnatis, pinnis distantibus glabris subdimidiatis basi cuneatis fertilibus apice incis, laciniis integris, sterilibus spinuloso-dentatis, indusiis lævibus, rachi glabra apice elongata nuda demum radicante.

Adiantum filiforme. *Gardn. Herb. Bras. n.* 2391.

HAB. In shady clefts of sandstone rocks near the city of Oeiras, Province of Piauh, Brazil. April 1839.

Frondes fasciculatæ. *Stipes* subpollicaris, atropurpureus, teres, nitidus, subpaleaceus. *Rachis* teres, filiformis, glabra, nitida, apice elongata, nuda, extremitate demum radicante. *Frons* 6-8-pollicaris, pinnata. *Pinnæ* distantes, 4-5 lin. longæ, alternæ, petiolatæ, obovatæ, subdimidiatæ, basi cuneatæ, apice vel incisæ laciniis integris soriferis, vel spinuloso-dentatæ laciniis sterilibus. *Venæ* flabellatæ, pluries furcatæ, venulis parallelis. *Sori* marginales, subrotundi. *Indusia* subrotunda, membranacea, glabra.—*G. Gardner.*

Fig. 1. Fertile pinna :—*magnified.*

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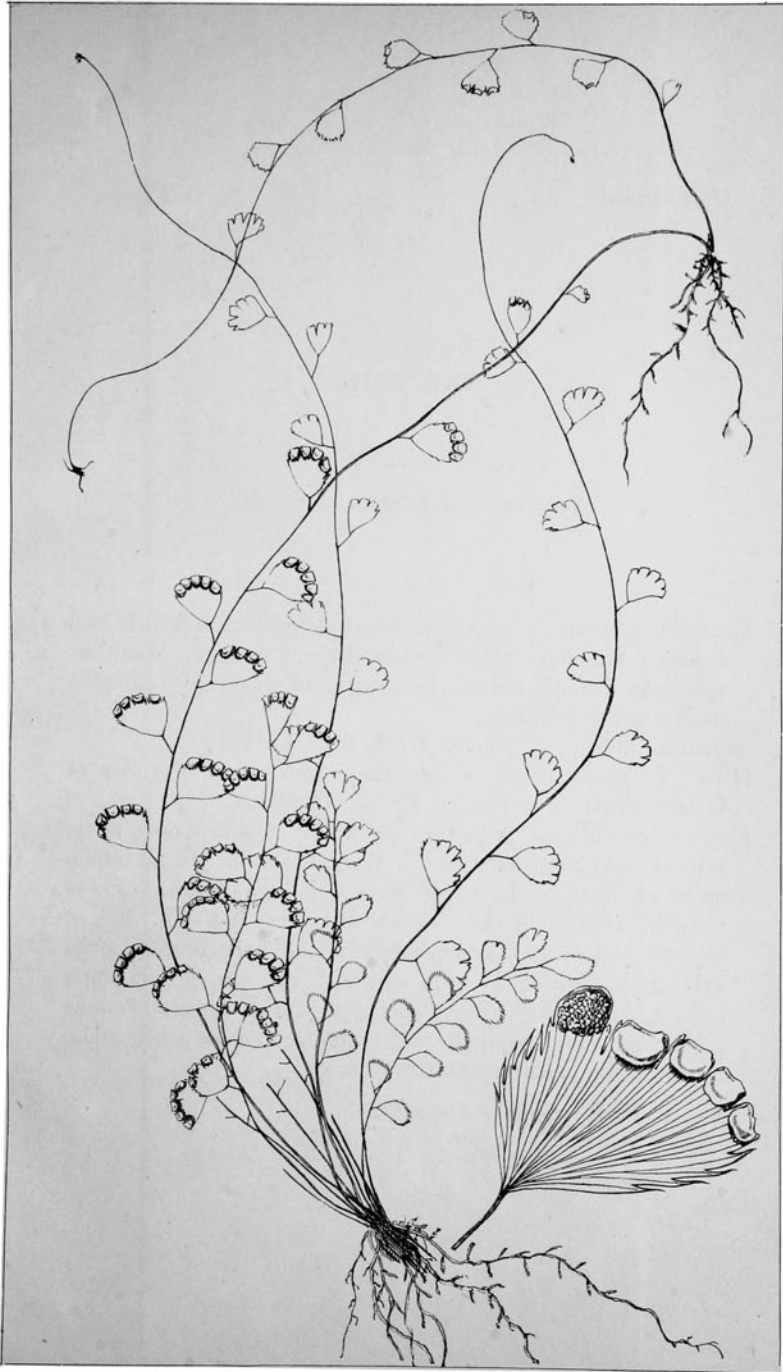
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Gardnerianæ.

N. O. Filices.

TAB. DIV.

ADIANTUM SINUOSUM. *Gardn.*

Fronde tripartita, ramis pinnatis vel rariter lateralibus bipinnatis, pinnis magnis oblongis obtusis vel suborbicularibus dimidiatis petiolatis margine superiore inciso-lobatis, laciniis late sinuoso-emarginatis, soris reniformibus, indusiis glabris, stipite rachibusque nitidis glabris.

Adiantum sinuosum. *Gardn. Herb. Bras. n.* 3552.

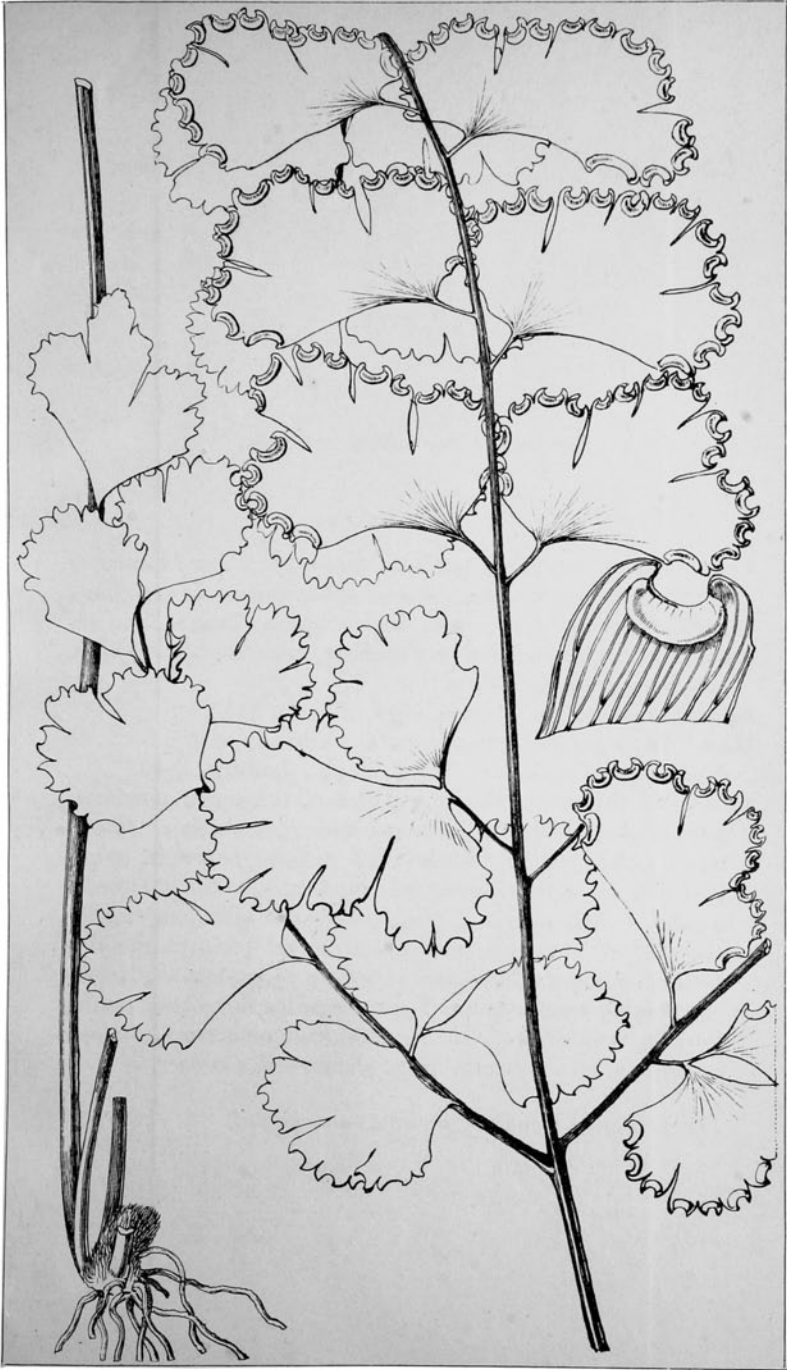
HAB. In dry rocky places near the summit of the Serra de Natividade, Province of Goyaz, Brazil. January, 1840.

Frondes fasciculatæ. *Stipes* 6-8 pollicaris, semiteres, aterrimus, nitidissimus, glaber, basi pilis paleaceis rufis obtectis. *Rachis* teres, glabra, nitida. *Frons* 1-1½- pedalis, tripartita, ramis pinnatis, vel rariter lateralibus bipinnatis, ramo intermedio majore. *Pinnæ* magnæ, sesquipollicem et ultra longæ, pollicem circiter latæ, petiolatæ, oblongæ, vel juniores suborbiculares, dimidiatæ, margine superiore inciso-lobatæ, laciniis late sinuoso-emarginatæ. *Venæ* eleganter flabellatæ, pluries furcatæ, venulis parallelis. *Sori* marginali, reniformes. *Indusia* reniformia, membranaceo-fusca, glabra.—*G. Gardner.*

Fig. 1. Fertile lacinia of a pinna :—*magnified.*

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N. O. Utriculariææ.

TABS. DV—DVI.

UTRICULARIA NELUMBIFOLIA. *Gardn.*

Caule horizontali radicante, foliis magnis longe petiolatis sub-concavis reticulato-venosis, scapo multifloro, corolla amplissima, labio inferiore obscure trilobo, calcare descendente conico incurvo acuto labio inferiore subæquali.

Utricularia nelumbifolia. *Gardn. Herb. Bras. n.* 5839.

HAB. In the water which collects within the leaves of a large species of *Tillandsia*, growing abundantly on an arid rocky part of the Organ Mountains, at an elevation of about 5000 feet above the level of the sea. March 1841.

Caulis demersus, horizontalis, crassitie circiter pennæ corvinæ, radicans, sarmentosus. *Radices* fibrillosæ, vesiculiferæ; vesiculis pedicellatis, majusculis, subrotundis, margine inferiore pilis 2 gerentibus. *Folia* solitaria, erecta, longe petiolata, rotundata, peltata, subconcava, eleganter venoso-reticulata, diametro 3-3½ pollicaria. *Petioles* 10-14-pollicares longi, basi sarmentacei. *Scapus* 2-2½-pedalis, bisquamosus, squamis 2 valde distantibus, circiter 2-3 lin. longis, angustis, lanceolatis, acutis. *Racemus* terminalis, simplex, 4-8 poll. longus, floribus 6-9 subsecundis remotis, bracteatis. *Bractea* caulina ad basin cujusvis pedicelli, profunde 3-partita; divisuris inæqualibus, nervosis, intermedia circiter 3-lin. longa. *Pedicelli* 10-12-lin. longi, nudi. *Calyx* 2-phyllus, æqualis, circiter 7-lin. longus; foliolis ovatis, obtusis, integerrimis, patentissimis, demum erectis. *Corolla* amplissima, circiter sesquipollicaris, violacea; *labium superius* obtusum, integrum; *inferius* obscure trilobum: *calcar* labium inferius subæquans, descendens, conicum, acutum, apice sursum curvatum. *Stylus* brevis, apice infundibuliformis. *Ovarium* ovatum.

This is by far the finest, largest, and most remarkable species of *Utricularia* which has yet been detected in Brazil; besides by the ordinary method of seed, it propagates itself by runners, which it throws out from the base of the scape. This runner is always found directing itself towards the nearest *Tillandsia*, where it inserts its point into the water which accumulates between the bottoms of the leaves, and gives origin to a new plant, which, in its turn, sends out another shoot. In this manner I have seen not less than six plants united to each other.—*G. Gardner.*

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