

Vrabelyi in Erlau, Levier in Florenz, Winkler in Giessmannsdorf, Dr. Reichenbach in Dresden, Dr. L. Čelakovský in Prag, Dr. L. Schäfer in Seesen, Julius Schlickum in Winnigen, F. Tempisky in Prag, Dr. Alex. Reyer in Graz, Victor v. Janka in Budapest.

(Fortsetzung folgt.)

Pugillus plantarum novarum vel minus recte cognitarum

Auctore **Michaeli Gandoger.**

(Fortsetzung.)

Cystopteris Sagoti Gdgr. Petiolis omnino pallide virenti-subrubentibus; folium 25 cm. altum, $4\frac{1}{2}$ cm. latum, ambitu oblongum, apice sat acuminatum, segmentis rectis, oblongis, superne breviter parumque contractis, nervis minutis rufis; lobis late obovatis, basi valde dilatata; lobulis ovato-obtusis, apice denticulis 3 brevissimis, minutis obtusiusculisque ornatis.

Hab. ins. Canarienses, supra Puerto d'Orotava (P. Sagot).

Facies antecessoris sed humilior, segmenta magis erecta et lobuli vix dentati.

Cystopteris odontophora Gdgr. — *C. fragilis* var. *dentata* Baenitz Herb. europ. Nr. 1675! Petiolis fulvis; folium 20—24 cm. altum, 5 cm. latum, ambitu oblongum, in apicem longe acuminatum; segmentis patulis, oblongis, superne sat acutis, nervis minutis, rufidulis; lobis late obovatis, basi sat dilatata, lobulis brevibus, ovato-obtusis apiceque bifidis a basi eximie bifariam ornatis.

Hab. Borussia ad Friedrichstein prope Königsberg, (Dr. C. Baenitz).

A sequentibus abunde recedit lobis segmentorum margine a basi usque ad apicem regulariter lobulatis, approximatis, obtusato-retusis etc.

Cystopteris flexicaulis Gdgr. Petiolis basi bruneo-nigricantibus, superne virescentibus; folium 15 cm. altum, $3\frac{1}{2}$ —4 cm. latum, ambitu anguste oblongum, apice sensim acuminatum; segmentis patulis, oblongis, acutiusculis, nervis minutis, bruneis; lobis obovatis, basi angustata, lobulis rotundatis, apice 2—3-dentatis, denticulis brevissimis, obtusiusculis.

Hab. Gallia, Arriège in monte Llaurenti prope Mijanès (G. Gautier).

Lobuli nunc integri, nunc minute dentati; folium sat pallide virens, flexuosum.

Cystopteris saxetorum Gdgr. Petiolis basi pallide bruneo-subrubellis, apice pallidis; folium 22—25 cm. altum, 5 cm. latum, ambitu oblongum, longe acuminatum; segmentis sat rectis, oblongis, apice longiuscule acuminatis; nervis prominulis, bruneis; lobis ob-

ovato-oblongis, subobtusis, basi angustata; lobulis ovato-ellipticis, dentibus 2—3, inaequis, brevibus, obtusis.

Hab. Gallia, Loire, in saxosis ad Chersin prope Sauvain, 3200 ped. (Gdgr.).

Lobi interdum apice subacuti antecedente profundius lobulati; folia sat pallide virentia, rigidiuscula.

Cystopteris adfinita Gdgr. Petiolis omnino pallide virentibus; folium 20 cm. altum, $5\frac{1}{4}$ cm. latum, ambitu oblongum, in acumen longe productum; segmentis sat rectis, oblongis, breviter acutis, nervis virescentibus, vix prominulis; lobis late obovatis, basi angustata; lobulis obovatis, 3—4-dentatis, dentibus valde inaequalibus, acutis, subcuspidatis.

Hab. Gallia, Loire, in montosis prope Ruthiange, 3000 ped. (Malarbet).

Lobulorum dentes interdum denticulati; petiolum basi flexuosum superne rigens.

Cystopteris alpestris Gdgr. Petiolis omnino pallide virentibus; folium 10—12 cm. altum, 4 cm. latum, ambitu oblongum, breviter acutum; segmentis sat rectis, oblongis, breviter acutis, nervis prominulis, bruneis; lobis obovatis, basi angustissima; lobulis ovato-obtusis, hinc inde minute denticulatis, denticulis acutiusculis.

Hab. Pyrenaei centr. ad Cauterets, alt. 4000 ped. (P. N. Maillard).

Lobi antecedente majores, basi angustius attenuati; folium rigens, amoene virens.

Cystopteris algeriensis Gdgr. Petiolis omnino virentibus; folium 11—13 cm. altum, $3\frac{1}{2}$ cm. latum, ambitu oblongum, longe acuminatum; segmentis patulis, oblongis, superne sat acuto-subacuminatis, nervis vix perspicuis, virescentibus; lobis obovatis, apice contractis, basi valde angustata, regulariter bifariamque lobulatis, lobulis obtusis 1—3-dentatis, dentibus acutis, tenuibus.

Hab. Algeria, ad rupes Ravin d'Akhou (Debeaux) et supra Tizi-Ouzou Kabyliae (Gdgr.).

Ab antecedente lobis superne minus obtusis magisque regulariter lobulati diversa.

Cystopteris tridentata Gdgr. — Exs. Soc. Barcinonensis 1876! Petiolis virescentibus; folium 21—23 cm. altum, $4\frac{1}{2}$ —5 cm. latum, ambitu oblongum, abrupte longeque acuminatum; segmentis patulo-subrectis, oblongo-acuminatis, nervis prominulis, albidis; lobis oblongo-obtusis, basi truncato-attenuata, lobulis obtusis, tridentatis; dentibus acutis, brevibus.

Hab. Hispania, Lerida, in fauce Aruzurraja secus fluv. Vidassa (J. M. de Lacoizqueta).

Elata, rigidula; lobi segmentorum minute nervoso-reticulati, virentes.

Cystopteris ruthenica Gdgr. Petioli omnino pallide bruneo-rufescentibus; folium 22—24 cm. altum, $4\frac{1}{2}$ —5 cm. latum, ambitu oblongum, sensim longeque acuminatum; segmentis patulis, vis erectis,

oblongis, subacuminatis, nervis minutis, flavescentibus; lobis obovato-obtusiusculis, basi abrupte valdeque attenuata; lobulis acutiusculis, 2—3-dentatis, dentibus triangularibus.

Hab. Rossia bor. in silvis ad Rostoff gubern. Jaroslaw (Petrovsky).

Folia pallide virentia, laxe pinnata; lobi fere spathulati, in media parte dilatati dein inferne abrupte valdeque contracti.

Grex *Polypodii rhaetici* L. sp. 1552.

Polypodium polare Gdgr. Folium oblongum, sensim ad apicem contractum; segmentis rectis, haud confluentibus, oblongo-acuminatis; lobis obovato-obtusiusculis; lobulis rotundatis, obtusis in apicem 3-dentatis, denticulis parvis obtusis; fructibus haud confluentibus.

Hab. Lapponia septentr. in insula Mageröe, Cap Nord (Dr. C. Reuterman).

Planta 40 cm. alta; folium oblongum, amoene virens, basi squamatum.

Polypodium vogesiacum Gdgr. — Exs. Soc. Vogéso-rhéthane 1876! Folium ambitu late oblongum, apice abrupte contractum; segmentis subpatulis, subconfluentibus, oblongis, valde acuminatis; lobis oblongis, breviter acutis; lobulis obovato-obtusiusculis, 3—4-dentatis, dentibus ovato-acutis, cuspidatis; fructibus approximatis, haud confluentibus.

Hab. Vosges, Le Hohneck, 3500 ped. (E. Berher).

Folium 13—14 cm. latum; segmenta antecedente majora; lobulorum dentes acutiorae cuspidatae vel mucronatae.

Polypodium obtusiusculum Gdgr. — Exsicc. Baenitz Herb. europ. Nr. 469 (1876). Folium ambitu angustule oblongum, superne valde abrupte acuminatum; segmentis subrectis, oblongis, acuminatis, haud confluentibus; lobis oblongis, vix acutis, lobulis ovato-ellipticis, obtusissimis, 4-dentatis, dentibus parvis, triangulari-acutis; fructibus haud confluentibus.

Hab. Bade, Freiberg, in saxosis montis Feldberg, 4400 ped. (J. Schill in Baenitz).

Folium 9—10 cm. latum, segmenta superne saepius ascendentia.

(Fortsetzung folgt.)

Literaturberichte.

Zur Kenntniss der Wurzeln von *Aesculus Hippocastanum* L. Von Jul. Klein und Franz Szabó. „Flora“ 1880. Mit 4 Taf.

Im October 1878 beobachtete Jul. Klein an den grossentheils schon abgestorbenen Wurzeln einer im Wasser erzogenen Keimpflanze von *Aesculus Hippocastanum* die Entwicklung zahlreicher 1—4 Mm. langer, anfangs weisslicher, später sich braun färbender

ZOBODAT - www.zobodat.at

Zoologisch-Botanische Datenbank/Zoological-
Botanical Database

Digitale Literatur/Digital Literature

Zeitschrift/Journal: [Österreichische Botanische
Zeitschrift = Plant Systematics and Evolution](#)

Jahr/Year: 1880

Band/Volume: [030](#)

Autor(en)/Author(s): Gandoger Michael [Jean Michel, Abbé]

Artikel/Article: [Pugillus plantarum novarum vel minus recte cognitarum. 371-373](#)