

**Type specimens of the Apocynaceae, Asclepiadaceae, Gentianaceae, Loganiaceae and Menyanthaceae in the Herbarium of the Martin-Luther-University Halle Wittenberg (HAL)**

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Abstract: KESTING, S. & HOFFMANN, M. H. 2000: Type specimens of the Apocynaceae, Asclepiadaceae, Gentianaceae, Loganiaceae and Menyanthaceae in the Herbarium of the Martin-Luther-University Halle Wittenberg. *Schlechtendalia* **5**: 11-17.

**Gentianaceae**

*Chironia krebsii* Griseb., Gen. et Sp. Gent.: 98, 1839.

"Krebs Capens. 231. *Chironia*, P... bon. spe., Krebs" (type: HAL 83601).

*Chironia perfoliata* Eckl., S. Afr. Quart. Journ. **2**, 1830; ex Griseb. Gen. et Sp. Gent. 104, 1839.

"*Chironia perfoliata* Eckl. 4.10. [am Vanstaadesberg, 1000-3000', Oct.]" (type: HAL 83661).

*Erythraea arenaria* Presl., Delic. Prag. 88, 1822.

"*Erythraea arenaria* Pr. Arena maritima. Jun. [sign of annual habit; annotation of M. H. Hoffmann], Sicilia Presl." (type: HAL 84038).

*Erythraea divaricata* Schaffn. ex Schltdl. in Bot. Zeit. **13**: 920, 1855.

"*Erythraea divaricata* Schaffn. 81. ad Huatusco by Schaffner." (holotype: HAL 34834, designated by C.R. Brome) - *Centaurium quitense* (H.B.K.) Robins.

*Erythraea paposana* Phil., Fl. Atac. 35, 1860.

"*Erythraea paposana* Ph. Papos in deserto Atacama." (type: HAL 84047).

*Erythraea stricta* Schiede ex Schltdl. in Bot. Zeit. **13**: 918, 1855.

"*Erythraea stricta* Schiede 80. pr. Huatusco leg. Schaffner." (holotype: HAL 34829, designated by C.R. Brome) - *Centaurium strictum* (Schiede ex Schltdl.) Druce.

*Erythraea tetramera* Schiede ex Schltdl. in Bot. Zeit. **13**: 919, 1855.

"*Erythraea tetramera* Dr. Schiede. [Mexico] Cuemavaca. Coll. July 1853." (holotype: HAL 34830, designated by C.R. Brome) - *Centaurium strictum* (Schiede ex Schltdl.) Druce.

*Exacum concinnum* Miq., Anal. Bot. Ind. 3: 10.

"PI. Indiae or. (Terr. Canara.) Ed. R.F. Hohenacker 1849. 581 *Exacum concinnum* Miq. n. sp. Prope urbem Mangalor. Floret tempore pluvio." (type: HAL 073738).

*Exacum macrantherum* Miq., Anal. Bot. Ind. 3: 10.

"PI. Indiae or. (Terr. Canara.) Ed. R.F. Hohenacker 1849. 582 *Exacum macrantherum* Miq. n. sp. Incolis: Prope urbem Mangalor. Sept. m." (type: HAL: 073740).

***Exacum metzianum*** Hohen. ex C. B. Clarke, in Hook. Fl. Brit. Ind. 4: 96, 1885.

"Pl. Indiae of. (Terr. Canara.) Ed. R.F. Hohenacker 1851. 857. *Exacum Metzianum* Hohenack. n. sp. Affine E. Perrottetii Griseb. et ceylanico Roxb. In montibus Ghauts prope urbem Mangalor." (type: HAL 073739).

***Gentiana atrata*** Bunge ex Griseb., DC. Prod. 9: 98, 1845.

"Herbar. Bunge, *Gentiana atrata* mihi, Flor. orient. altaica. 1839" (type: HAL 83635).

***Gentiana boissieri*** Schott & Kotschy ex Boiss., Flor. Orient. 4: 75, 1879.

"Th. Kotschy. ... Ad sodinas argentiferas Bulgar Magara alt. 8000' Jul. 1853" (type: HAL 83634).

***Gentiana boryi*** Boiss., Elench. p. 141 (65), 1840.

"Herb. Boissier, in summis pratis madidis Sierra Nevada, Aug. 1837. Alt. 7500-9000'" (type: HAL 83632).

***Gentiana cespitosa*** Willd. ex Schult., Syst. 6: 185, 1820.

"*Gentiana cespitosa*. Humboldt ex America. merid. W. ded. (written by D.F.C. v. Schlechtendal (pat.))" (type: HAL 83641).

***Gentiana floribunda*** Willd. ex Schult., Syst. 6: 185, 1820.

"*Gentiana floribunda*, ex America merid. Humboldt. W. ded." (type: HAL 83622).

***Gentiana marcowiczi*** Kusnezow, (in sched.). "Flora Rossica: Digoria (Kaukasus); in pratis subalpinis. 26.9.98. leg. Marcowicz, vgl. Wettstein in Öster. Bot. Z., 1892, pg. 44, 45" (type: HAL 83620).

***Gentiana peduncularis*** Willd. ex Schult., Syst. 6: 185, 1820.

"*Gentiana peduncularis*, ex Amer. merid. Humboldt. W. ded." (type: HAL 83630).

***Gentiana rurikiana*** Cham. et Schltl., Linnaea 1: 176, 1826.

"*Gentiana rurikiana* ...a, major. Sinus Escholzii, β, minor. Sinus Laurentii, Adalb. v. Chamisso [written by A. v. Chamisso]" (holotype: HAL 83665).

***Helia brevifolia*** Cham. in Linnaea 8: 11, 1833.

"Herb. Reg. Berolinense. *Helia brevifolia* Ch. et Schl., Brasilia. ["Lages"] Sellow legit." (type: HAL 21499, designated by P.J.M. Maas) - *Irlbachia brevifolia* (Cham.) Maas.

***Leiphaimos parasitica*** Schltl. et Cham. in Linnaea 6: 387, 1831.

"1210. *Leiphaimos parasitica*. [written by A. v. Chamisso]", „? *Gentiana* Color Hypopityos ... [Mexico in arbore putrido sylvae Papantlensis] Dec. 28. [written by C.J.W. Schiede]" (type: HAL 42202, designated by P. Ruyters & P.J.M. Maas)- *Voyria parasitica* (Schltl. et Cham.) Ruyters & Maas.

***Lisianthus nigrescens*** Cham. et Schltl. in Linnaea 6: 388, 1831.

„1212. *Lisianthus nigrescens* n. sp. [written by A. v. Chamisso], Lisianthi sp. corolla nigrescente [Mexico] In sylvis Papantlae Dec. 28. [written by C.J.W. Schiede]" (holotype: HAL 22070, designated by R.E. Weaver, Jr.).

***Lisianthus saponarioides*** Cham. et Schldtl. in *Linnaea* **6**: 389, 1831.

„1213 *Lisianthus Saponarioides* n. sp. [written by A. v. Chamisso], *Lisianthi* sp. fl. alba ... [Mexico] Ad margines sylvarum Papantlae [written by C.J.W. Schiede]" (holotype: HAL: 22068, 22069, designated by R.E. Weaver, Jr.).

***Lisianthus vasculosus*** Griseb. in *Linnaea* **22**: 37, 1849.

„27 *Lisianthus daturoides* Griseb. Columbien. Dr. H. Karsten." (syntype: HAL 37306, designated by E.C.H. van Heusden & P.J.M. Maas) - *Symbolanthus calygonus* (R. & P.) Griseb.

***Lisianthus uliginosus*** Griseb., Gen. et Sp. Gent. 181, 1839.

"Herb. Reg. Berolinense. *Lisianthus uliginosus* Griseb. *L. purpurascens* Ch. et Schl., Brasilia. Sellow legit."; "Herb. Facult. Scient. Monspel. *Lisianthus uliginosus* Griseb. Bahia. Salzmann."; "Bahia in humidis, *Lisianthus*, Salzmann" (syntypes: HAL 27308, 27310, 27307, designated by J.G.M. Persoon & P.J.M. Maas) - *Irlbachia purpurascens* (Aubl.) Maas.

***Monobothrium schimperi*** Hochst., (in sched.) *Flora* **27**: 27, 1844.

"Schimperi iter Abyssinicum. Sectio secunda. 1241 *Monobothrium schimperi* Hochst. In monte Simensis Bachit prope Demerki, U. i. 1842. d. 14. Aug. 1838." (type: HAL 83663).

***Sabbatia australis*** Cham. et Schldtl., *Linnaea* **1**: 194, 1826.

"*Sabbatia australis* Nb. Sellow. Montevideo." (type: HAL 076411, designated by P.J.M. Maas) - *Zygostigma australis* Griseb.

***Schuebleria pusilla*** Griseb., Gen. et Sp. Gent. 163, 1839.

"Herb. Reg. Berolinense. *Schuebleria pusilla* Griseb. Brasilia. Sellow legit." (isotype: HAL 45101, designated by E.H.M. Grothe & P.J.M. Maas) - *Curtia diffusa* (Mart.) Cham.

***Sebaea ambigua*** Cham., *Linnaea* **6**: 346, 1831.

„77. *Erythraea exacoides* var. *major* Eckl. Unio itineraria 1828. Ecklon. Humida inter Restiones prope Seekuhvallei in planitie capensis. Febr. 1827." (holotype of  $\alpha$  *Gracilis*: HAL 83666).

"*Sebaea ambigua* Cham. et Schl." (sine loco, possible holotype of  $\beta$  *Crassa*: HAL 83667).

***Sebaea pusilla*** Cham., *Linnaea* **6**: 346, 1831.

"Humida altitud. 2. mont. tabul. septentr. Novbr. U. J. Ecklon." (holotype: HAL 83659).

***Sebaea sulphurea*** Schldtl., *Linnaea* **1**: 192, 1826.

„730 *Sebaea tabularis* Eckl. In sumitate mont. tabul. Novbr. C.F. Ecklon." (holo(?) type: HAL 83668).

***Swertia abyssinica*** Hochst., *Flora* **27**: 28, 1844.

"Schimperi iter Abyssinicum. Sectio prima. 22. *Swertia abyssinica* Hochst. Locisapricis, praesertim ..., U. i. 1840. montis Schdada. d. 23. Oct. 1837." (type: HAL 83664).

***Voyria flavescens*** Griseb. in DC. Prod. 9: 85, 1845.

"Pöppig Herb. 3064 *Vohyria uniflora* ..." (isotype: HAL 39389, designated by P. Ruyters & P.J.M. Maas).

## Original material of the Gentianaceae

***Canscora lancifolia*** Miq. ex C.B. Clarke in Hook. Fl. Brit. Ind. 4: 103, 1885, nom. inval.  
"Pl. Indiae or. (Terr. Canara.) Ed. Hohenacker 1847. 305. *Canscora lancifolia* Miq. n. sp. -  
Ipse. Prope urbem Mangalor. Floret post tempus pluvium." (HAL 90106). - *C. pauciflora*  
Dalz.

***Canscora macrocalyx*** Miq. ex C.B. Clarke in Hook. Fl. Brit. Ind. 4: 104, 1885, nom. inval.  
"Pl. Indiae or. (Terr. Canara. et confin.) Ed. Hohenacker 810. *Canscora macrocalyx* Miq. n.  
sp. In campis prope Mercara. Oct. m." (HAL 83602). - *C. perfoliata* Lamk.

***Gentiana auriculata*** Pallas, Flor. Ross. 1, 2: 102, t. 92, 1789.  
"*Gentiana auriculata*, e Sibirica Pallas. W. ded. [written by D.F.C. v. Schlechtendal (pat.)]"  
(HAL 83644).

***Gentiana macrophylla*** Pallas, Flor. Ross. 1, 2: 108, t. 96, 1789.  
"*Gentiana macrophylla*, e Sibiria Pallas. Willdenow dedit [written by D.F.C. v. Schlechtendal  
(pat.)]" (HAL 83645).

***Gentiana triflora*** Pallas, Flor. Ross. 1, 2: 105, 1789.  
"*Gentiana triflora* Pallas, e Sibiria. Willdenow ded." (HAL 83646).