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Autor: Young, R. G. N.
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A New Species of Scrophulariaceae from South Africa

by

R.G.N. YOUNG, B.A., M.Sc.

The following species was discovered during the study of the flora of an isolated patch of marsh on the slopes of the hills in the neighbourhood of Pretoria, South Africa. I am very grateful to the Director and staff of the Herbarium Delessert, Geneva, for all the facilities granted me for the preparation of this paper.

Lindernia minima R.G.N. Young, *sp. nov.*

L. tenui S. Moore affinis, sed altitudine multo minore, floribus dimidio minoribus et manifeste pedicellatis, corollarum labiis subaequalibus, bracteis et calycis laciniis longioribus, differt.

Herba annua pusilla foliosa erecta ad 5 cm. alta, caule simplici vel 2-4-ramoso; *Caulibus* (et ramis) viridibus, 0,5-1 mm. lat., subquadrangularibus, in medio caulium 4-6-costatis, et (sicut folia) glabris sed minute scrofulaceis; *Foliis* oppositis, plerumque internodia excedentibus, leviter decurrentibus, subcarnosulis, obscure 1-3-nerviis, integris vel remote paucidentatis — inferioribus oblongis, obtusis, 2-5 mm. long. et 0,5-1,5 mm. lat. — intermediis (dum adsunt) late ellipticis, apice et base acutatis, 8-10 mm. long. et 2-4 mm. lat. — superioribus minoribus, integris, lanceolatis; *Inflorescentiis* terminalibus, racemosis, 2-5-floris, ad 2,5 cm. longis; bracteis per paria inaequalibus, foliaceis, lineari-lanceolatis, acutis, pedicellos excedentibus; pedunculis pedicellisque pilis glandulosis minutis fere ornatis — floribus per par bractearum singularibus; *Calycibus* parum angustis, 5-costatis et ad costas crebro minute glanduloso-pubescentibus, usque ad medium in 5 lobos lineari-lanceolatos, acuminatos, scabrido-ciliolatos, divisis; *Corollis* partim purpureis, partim luteis, 4 mm. longis, apud faucem 1,5 mm. lat., tantum pilis papillatis intus sparsim ornatis; labiis posticis late ovatis, summo strictim bilobatis, 1,5 mm. long. et lat.; anticis rotundatis, 1,5 mm. long. et 3,5 mm. lat., profunde trifidis, lobis deinde reflexis, lobo medio quam lateralibus multo latiore; *Staminum* — antheris minimis, late ovatis,

apice confluentibus — posticorum filamentis 1 mm. long. — anticorum filamentis valde arcuatis, per paria approximatis, 1,5 mm. long., saepissime prope basem. appendice oblonga vel subglobosa instructis; *Ovariis* ellipticis, prope 0,75 mm. long., superne minute papillaceis — stylis 3 mm. long., tenuissimis et minute liguliformibus, superne in stigmata prope 0,3 mm. lat. bilammellata (lamellis semi-orbicularibus) ampliatis; *Capsulis* fuscis lucidis oblongis subacutis, 3 mm. long. et 1,25 mm. lat., in calycibus persistentibus inclusis; *Seminibus* globosis fuscis, 0,25 mm. lat., 2-gibbosis, testa minute reticulata.

Typus: "About 14 miles east of Pretoria on Tygerpoort road, on hillside"; *R.G.N. Young 3091* in Hb. Del., Geneva, Switzerland.

The following notes on the coloration of the *corolla* were made from living specimens: "Upper lip purple without, sordid-yellow within; 3 lower lobes \pm sordid-yellow on both surfaces, but darker and with some purple without; throat purple-striped without, greenish yellow within; but just above insertion of stamens there is a bright yellow patch, surrounded by purple".

I have observed much variation as to the presence or degree of development of the appendages on the filaments, even in neighbouring specimens.