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978-1-108-03922-2 - *Icones Plantarum: Or, Figures, with Brief Descriptive Characters and Remarks of New or Rare Plants, Selected from the Author's Herbarium: Volume 2*

William Jackson Hooker

Excerpt

[More information](#)*Burchellianæ.*

N. O. Compositæ.

TAB. CI.

OLIGOGYNE BURCHELLII.

GEN. CHAR. *Capitulum* pluriflorum heterogamum, fl. radii 1—5 fœmineis ligulatis, *disci* 6—8 hermaphr. tubulosis. *Involucr.* 1-seriale erectum, squamis 5 ovali-oblongis foliaceis. *Recept.* planum, paleis lineari-lanceolatis (cuneatisve) planis. *Styli fl. herm.* rami exserti hispidi. *Achenia* obcompressa seu teretiuscula submuriculata glabra aristis 2—4 conicis rigidis superata — *Herbæ* Americanæ, *habitu* *Sanvitaliæ*, *diffusæ*, *puberulæ*. Folia *opposita petiolata ovata serrata subtriplinervia*. *Pedicelli axillares tricephali*. *Capitula parva*. Flores *flavi*. Genus affine *Sanvitaliæ*. D. C.

Oligogyne Burchellii, pedunculis capitulo plerumque multo longioribus, acheniis oblongo-obovatis obtuse trigonis, paleis cuneiformibus apice incisus.

HAB. Rio Janeiro. *Wm. J. Burchell, Esq. (n. 12.)*

I think it will be seen from the above character of De Candolle that the present plant belongs to his Genus *Oligogyne*; notwithstanding some slight discrepancies, such as the included branches of the style in the discal florets, and the very different form of the paleæ. The former may be owing to the less advanced state of the flowers in our specimen; the latter can only be considered of specific importance. Independent of this peculiarity in the paleæ, our plant does not well accord with the characters, slightly marked as they are, of any of that author's 3 species, of which two are from Brazil and one from Mexico.

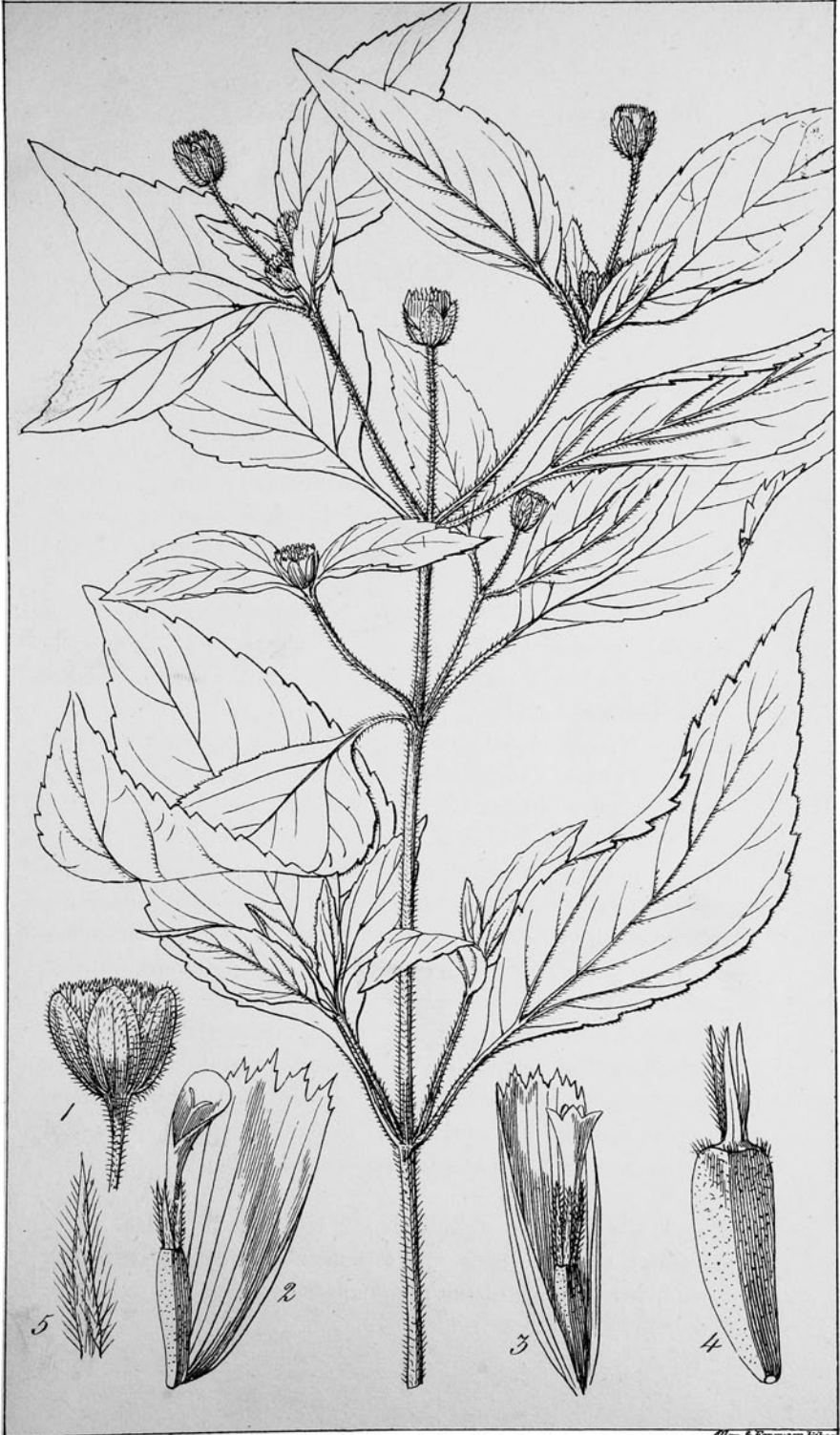
Fig. 1. *Capitulum*. *f.* 2. radial floret with its palea. *f.* 3. discal floret with its palea. *f.* 4. achenium (scarcely mature). *f.* 5. an arista or scale of the pappus:—*magnified*.

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N. O. Amaranthaceæ.

TAB. CII.

IRESINE GRANDIFLORA.

Caule erecto tereti glabriusculo, foliis ovato-acuminatis glabris, paniculæ elongatæ foliosæ ramis patentibus subpubescentibus sæpissime trichotomis, spicarum floribus solitariis subglomeratisque, sepalis obtusis striatis, lana exserta.

HAB. Casapi, Cordillera of Peru. *Mathews.* (n. 1419.)

The Genus *Rosea* of Martius seems to me only to be distinguished from *Iresine* by having “polygamo-monoicous,” not dioecious, flowers:—a character, which, if important, is very difficult to be distinguished in the dried specimens. From all the species known to me of these genera, our plant is easily recognised by the larger flowers, and by their being distantly placed, and often but not always, solitary (rarely glomerated) upon the rachis of the spike. In these respects and indeed in the whole habit and ramification there is a striking affinity between *I. grandiflora* and the *Hebanthe paniculata*, Mart. Nov. Gen. tab. 140:—but the flowers of that plant have a very different “cupula staminea.” The anthers in ours are truly one-celled, though a different appearance is, by an error of the artist, given to some of them in the plate. The woolly hairs in the flowers are very copious, arising from the base of each of the two inner sepals.

Fig. 1. Flower with its bractea. *f.* 2. the same laid open :—*magnified.*

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N. O. Orchideæ.

TAB. CIII. A.

HOLOTHRIX HARVEIANA.

Foliis binis ovatis strigosis, scapo retrorsum piloso, spica secunda multiflora, labello quinquelobo, laciniis lateralibus nanis acutis subæqualibus acutulis intermedia incurva, calcare horizontali abrupto subulato. *Lindl.*

Holothrix Harveiana. *Lindl. in Comp. to Bot. Mag. v. 2. p. 206.*

HAB. Low sandy moist plains, called "the Flats," which extend almost from Table Bay to False Bay; sometimes abundant. *Hon. W. H. Harvey.*

Fig. 1. Side view of a flower. *f. 2.* front view of do:—*magnified.*

TAB. CIII. B.

HOLOTHRIX PARVIFOLIA.

Folio solitario ovato-subrotundo hispido, scapo strigoso, spica quaquaversa, labello concavo trilobo, laciniis ovatis patentibus, calcare conico horizontali labelli longitudine. *Lindl.*

Holothrix parvifolia. *Lindl. in Comp. to Bot. Mag. v. 2. p. 207.*

HAB. In the driest and most barren hills and wastes in a stony or gravelly soil, about Cape Town and Wynberg. *Hon. W. H. Harvey.*

For both the above drawings I am indebted to my valued friend the Hon. W. H. Harvey, Treasurer at the Colony, Cape of Good Hope, whose exertions in the cause of Botany have already been crowned with eminent success; and from whom much more may be expected.

Fig. 1. Flower. *f. 2.* bractea:—*magnified.*

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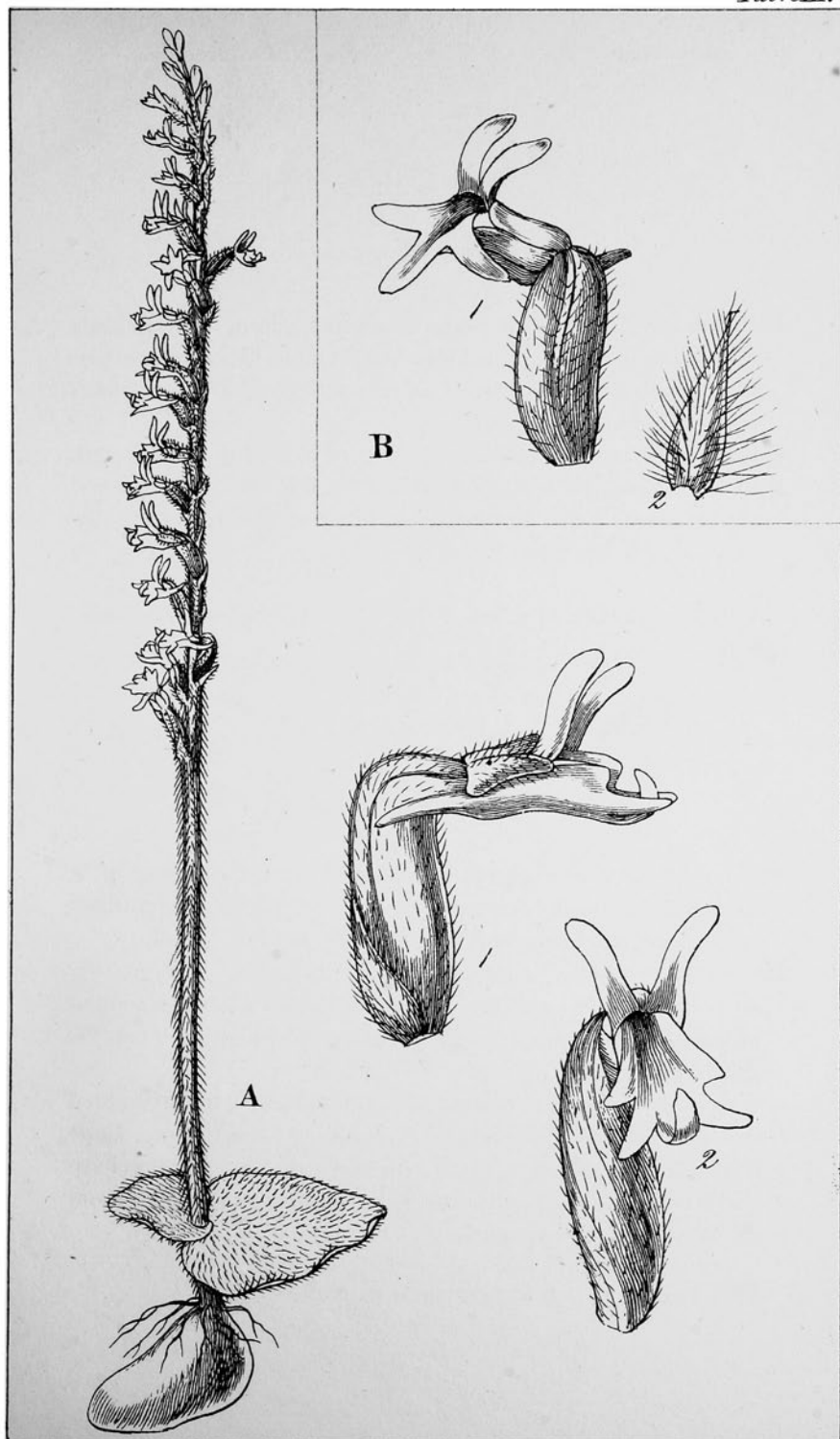
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Tab. CIII.



Allan. & Ferguson. lithog.

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[More information](#)*Harveiana.*

N. O. Orchideæ.

TAB. CIV.

CYMBIDIUM PLICATUM.

Scapo erecto vaginato multifloro, spica ovata, bracteis ovario longioribus lineari-lanceolatis, sepalis erectis obtusis, labello trilobo, lobis lateralibus obtusis incurvis medio truncato involuto ciliato, foliis radicalibus ensiformibus plicatis scapo longioribus.

Lindl.

Cymbidium plicatum. *Harv. mst.—Lindl. in Comp. to Bot. Mag. v. 2. p. 203.*

HAB. Wet spots by the sides of drains and in marshes on “the Flats” near Wynberg, rare. Dec 1835. *Hon. W. H. Harvey.*

I am indebted to Mr. Harvey for the drawing here given.

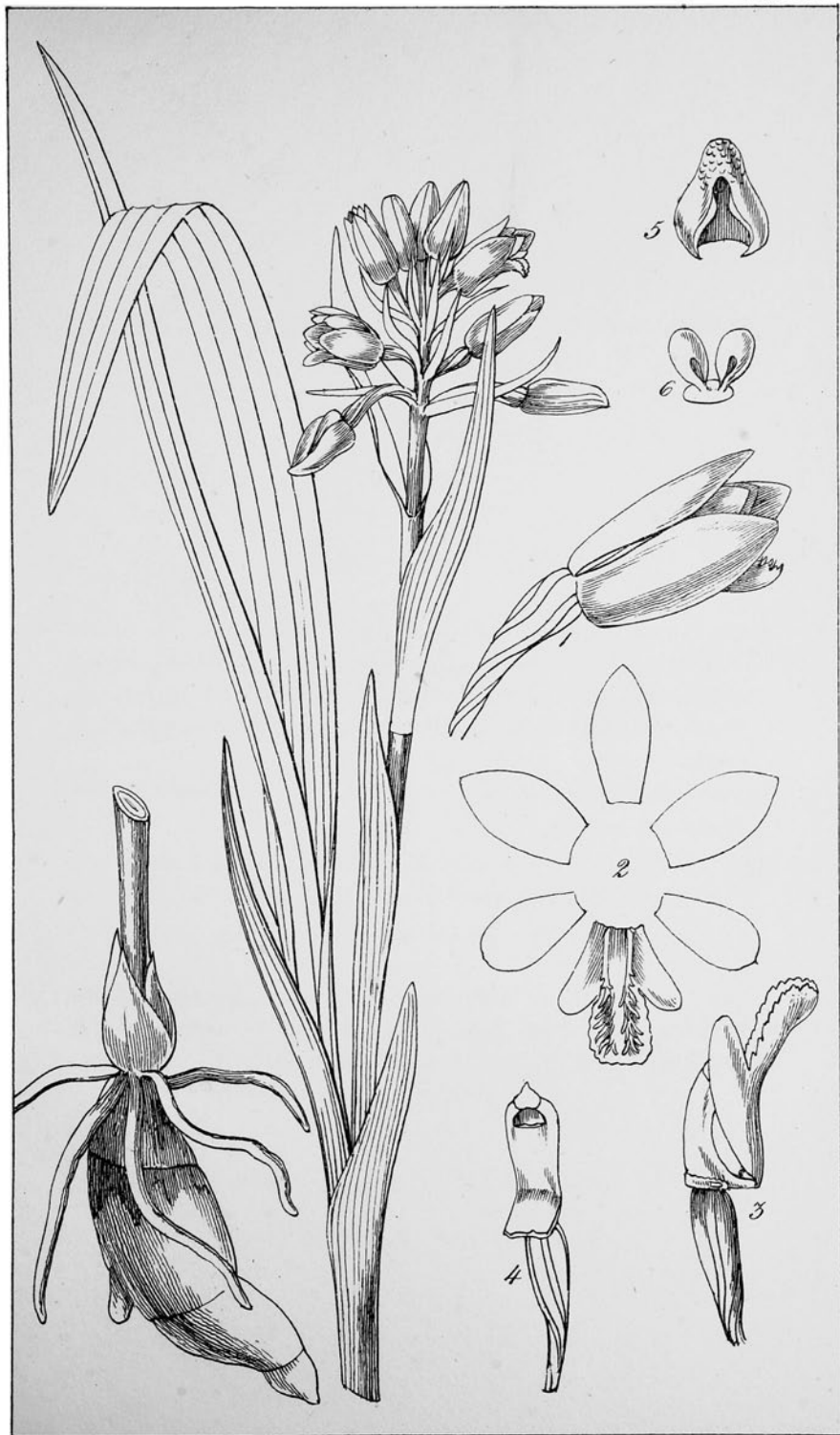
Fig. 1. Side view of a flower. *f.* 2. Sepals, petals, and lip. *f.* 3. Column and lip. *f.* 4. Front view of the column. *f.* 5. Anther-case. *f.* 6. Pollen-masses :—*magnified.*

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N. O. Filices.

TAB. CV.

ASPLENIUM DALHOUSIÆ.

Frondebis cæspitosis lanceolatis pinnatifidis glabris utrinque nudis, laciniis horizontalibus oblongo-ovatis obtusis integerrimis, stipite perbrevis rachideque inferiore subtus paleaceis.

HAB. Simla, in the Himalaya. *The Hon. the Countess Dalhousie*.

This is undoubtedly a true *Asplenium*: and if the underside were covered with scales as in the *Grammitis Ceterach* of our European rocks and walls, it would be scarcely possible to distinguish it from that plant. It will be recollected too, with regard to *G. Ceterach*, that Mr. Wilson finds "evident traces of an involucre, a narrow membrane on the lower side of the sorus:" so that I think that well-known plant must be referred to *Asplenium* and placed next our present one. And they are, if I am not mistaken, the only species of the extensive genus *Asplenium* which have truly pinnatifid fronds.

In the species here figured, besides the sori upon the segments of the frond, opening towards the central nerve, there is a chain or series parallel with the main rachis, and opening towards it, thus turning their backs, as it were, to those situated on the segment.

Fig. Portion of the frond and segment with the fructifications:—*magnified*.

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