

# APOSTASIA WALLICHII. Tab. 84.

ANTHERARUM lobis posticis inæqualibus, filamento tertio castrato.—*Brown MSS.*

*Apostasia Wallichii*, *Brown MSS.*

Habitat in valle Napaliæ minore, Noakote dicta, terrestris infra arbores, florens et fructigera mense Aprilis.

PLANTA terrestris, omninò lævis, erecta, rigidiuscula, pedalis. RADIX constans fibris aliquot cylindricis, rigidis et sublignosis, valdè longis, 6—8- quin 10-pollicaribus, pennam columbinam crassis, glabris, minutim striatulis, fuscis, indivisis, extremitate inferiore parùm fibrillosis, e basi caulis alternatim rectè et ferè parallèle descendentes. CAULIS gracilis, cylindricus, indivisus, calamus scriptorium crassus, indutus vaginis foliorum brevibus, striato-subnervosis, adpressis, ore obliquis, inferioribus demùm nudis. FOLIA numerosa, approximata, undique sparsa et patentia, recurvato-nutantia, graminea, membranacea, plana, integerrima, levitè undulata, ensiformi-lanceolata, in acumen gracillimum attenuata, deorsum angustata et acuta, ipsâ basi tamen dilatata, subamplexicaulia et in vaginam desinentia, 6—10-pollicaria, mediò semipollicem lata, suprâ atroviridia, nitida, striata, subtùs glauca, 5-nervia, multilineata, nervis gracillimis ad apicem usque excurrentibus. RACEMI plures, axillares foliorum supremorum et terminales, oblongi, multiflori, decurvato-nutantes, rigidi, brevè pedunculati, foliis triplò breviores, 3-pollicares, fructiferi parùm elongati, 5-pollicares, paniculam deflexo-patentem, termi-

\* *Mém. de la Soc. d'Hist. Nat. de Paris*, 1. p. 202.

† *Prodr. Fl. Nov. Holl.* 1. p. 305.

‡ *Appendix to Denham and Clapperton's Travels*, p. 243.

† *Prodr. Fl. Nov. Holl.* 1. pp. 309 & 311.

§ *Mémoire sur le Canna indica et sur les familles des Balisiers et des Bananiers.*

¶ *Gen. Remarks on Bot. of Terra Austr.* p. 43.

X

nalem formantes. PEDUNCULI levitè angulati, nudi. FLORES parvi et inconspicui, flavi, admodum fragrantés, pedicellati. PEDICELLIS breves, suffulti bracteis membranaceâ, lanceolatâ, plicatâ, dorso subcarinatâ, sub fructu elongatâ. PERIANTHIUM ovarii apici parùm obliquè impositum, infundibuliformi-patentiusculum, vix duas lineas longum, 6-partitum; laciniae lineares, planiusculæ, cuspidato-acutæ, seriebus duabus alternatim dispositæ, basi conniventes, apice parùm patentes; interiores 3 vix angustiores. LABELLUM nullum. STAMINA 3, quorum 2 antheriferâ stylo supra basin lateralitè adfixa, eodem parallèle, adscendentia. FILAMENTA brevissima, subulata. ANTHERÆ erectæ, oblongæ, basi obliquè acutæ, filamento ferè duplò longior, sulco medio notatæ, longitudinalitèr dehiscentes, valvulis mòx introversim volutis. STAMEN sterile stylo anticè, inter fertilia insertum, parùm ulteriùs adnatum, planiusculum, obtusum, nudum. OVARIIUM oblongo-cylindricum, obsoletissimè 3-angulare, utrinque acutum, unguiculare, pedunculo pluriès longius, 3-loculare, poly-sporum; ovula plurima, axi inserta. STYLUS teres, rectus, staminibus parùm longior. STIGMA convexiusculum, obsoletissimè 3-lobum. CAPSULA pollicaris, gracilis, fusca, nitida, 3-locularis, seminibus copiosis, minutis, globosis, atris.

This curious plant has been found only at Noakote in Nipal, a small valley distant about one day's journey from Katmandu, and much less elevated, and therefore much warmer, than the great valley. My people brought me fresh specimens in flower and with unripe capsules in April 1821, while I was in that country. The flowers are very fragrant, like those of *Webera corymbosa* of Willdenow.

Mr. Brown, who has favoured me with the highly important observations given above, and to whom I beg to express my warmest thanks, was disposed at first to consider my plant as identical with that discovered by the celebrated Professor Blume on Mount Salak in Java. Subsequent examinations have, however, satisfied him that they are distinct species; a circumstance, indeed, which was anticipated from the great difference of their geographical position. I must therefore request the reader to alter the name of *Apostasia odorata* of Plate 84 to *A. Wallichii*, which Mr. Brown has done me the honour to give to the Nipal plant. The specific character of the Java plant, extracted by permission from the manuscript of this illustrious botanist, I shall here subjoin:

"*Apostasia odorata*, antherarum lobis posticis æqualibus, filamento tertio castrato."—*Brown MSS.*

*Apostasia odorata*, Blume Bydr. p. 423.

Plate LXXXIV. Fig. 1. Flower. 2. The same dissected. 3. Style and stamens. 4. A flower, with the perianthium expanded, in order to show the internal parts. 5. Nearly ripe capsule divided horizontally. 6. A detached stamen. 7. Pollen. 8. Style, with barren stamen reflected to show the indication of the two cells. 9. Seeds, one of which is divided longitudinally.





*Apostasia odorata*