

HAB. Mt. Wellington, *Gunn.* :—*v. v. n.*

Nov. Gen. CENTROPAPPUS. Hook. fil. Capitulum heterogamum, multiflorum, radiatum; *fl. rad.* 1-seriatis, fœmineis, ligulatis, ligula latissima, 9-nervi; styli ramis elongatis; *fl. disci* plurimis tubulosis, superne campanulatis, 5-fidis, lobis lineari-elongatis revolutis; antheræ ecaudatæ; styli rami apice solum penicillati. *Receptaculum* planum, nudum, alveolatum. *Involucris* 1-serialis squamæ rigidæ, coriaceæ, ciliato-fimbriatæ, disco $\frac{1}{2}$ breviores, basi bracteolatæ. *Achæmium* erostre, lineari-oblongum, glaberrimum. *Pappi setæ* 1-seriales, flexuosæ, per totam longitudinem barbellatæ, setis cylindræis acutis superne gradatim elongatis supremis calcariformibus.—Arbuscula Frutexve Tasmaniæ *alpestris, glaberrimus*. Rami *transverse grosse cicatricati, teretes*. Folia *apices versus ramulorum, patentia, linearia, sub-obtusa, sessilia, integerrima, 1-nervia, facie Bupleuri*. Capitula *flava ad apices ramulorum corymbosa, pedicellata*. Pappi *setæ fere ut in Bedfordia*.

50. *Centropappus Brunonis*.

HAB. Mt. Wellington, *Gunn.*

Frutex ramulosus, 7-9 pedalis. Folia 3 unc. longa, 3 lin. lata, subcoriacea. Capitula latiuscula, $\frac{1}{3}$ unc. longa, subviscosa. Pappus sordide albidus.

SCORZONERA. *Subgen. MONIERMOS: Pappus* uniserialis, paleis angustissime linearibus sursum sensim angustatis, scabris.—Herbæ *scapigeræ* Australasiæ, Novæ Zelandiæque, *facie Hypochæridis*.

51. *Scorzonera (Moniermos) Laurencii*; radice fusiformi simplici v. divisa, foliis glaberrimis anguste linearibus lineari-lanceolatisve gramineis integerrimis pinnatifidis marginibusve lobuliferis segmentis divaricatis recurvisve plerumque linearibus, involucris cylindræis squamis acuminatis, margine anguste membranaceis exterioribus ovatis intimis lineari-lanceolatis.

HAB. Abundant.

Statura foliorumque longitudine et latitudine variabilis.

Scapus folium æquans v. longe superans, glaberrimus v. tenuissime præcipue infra capitula puberulus.—*Scorzoneræ* (Moniermos) *scapigeræ*, Forst. valde affinis, differt squamorum involucri forma.

Botany of the Niger Expedition; by SIR W. J. HOOKER
and DR. J. D. HOOKER.

(In continuation of the *Journal of the Voyage to the NIGER* of
DR. J. R. T. VOGEL, Vol. VI. p. 106.)

Notes on MADEIRA Plants.

So great was Dr. Vogel's zeal in the cause of Botany, that his collections were commenced before leaving England, during the few days spent by the Niger Expedition in Plymouth Sound. The plants in question consist principally of *Algæ*, and being only the common South of England species, and foreign to the object of this Memoir, need no further notice.

During his four days' stay at Madeira, although unable to make any distant excursions, Dr. Vogel formed a very excellent Herbarium, having been assisted in his investigations by the Rev. Mr. Lowe. These plants we deem worthy of enumeration, as shewing what future voyagers may expect to obtain during an equally short visit, and facilitating the troublesome task of determining their names by those general works on Botany in which alone the Madeira plants are described. The names of those collected by the Antarctic Expedition* on its outward voyage are added to this list; the majority of which, having been gathered (in October) at a very different season, were not met with by Dr. Vogel.

All the species have been determined by Dr. Lemann, whose botanical accuracy and acquaintance with the Floras of S. Europe, Madeira, and the Canaries, entitle us to place

* The smallness of this collection is to be attributed to the temporary ill health of the Botanist of the Antarctic Expedition during the ships' ten days' sojourn at Madeira.