VIII. Observations on the Mesembryanthema Barbata

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VIII. *Observations on the Mesembryanthema barbata.* By
A. H. HAWORTH, Esq. F.L.S. &c.

To the Editors of the Philosophical Magazine and Journal.

Gentlemen,

HAVING recently had occasion to reconsider the remarkable plants which compose the section *Barbata* of the extensive genus *Mesembryanthemum*, added one new species to the group, and detected an error in nomenclature respecting an old one; I send you hereunder an amended account of the whole section and its botanical characters; which, perhaps, may be acceptable to the next Number of your valuable Miscellany; and I remain, gentlemen,

Your very respectful correspondent,

Chelsea, July 20, 1824.

A. H. HAWORTH.

MESEMBRYANTHEMUM. Sectio BARBATA.

Sectionis Characteres.

Suffrutices 2-11-entales plusve, papulosi, foliis apice radiatim stellato-barbatis.

Specierum Characteres.

barbatum. M. (The bearded, bushy) erectum: ramulis effuso-decumbentibus, foliis remotiusculis patentibus apice sub-sex-radiatis, calycinis laciniis subæqualibus. *Mesemb. barbatum*, α, Linn. *Sp. Pl.* 691.—*Dillen. Hort. Elth. fig.* 234. *Bot. Mag. t.* 70. *M. stelligerum*. Nob. in *Synops. Succ. pl. &c.*

Obs. Finding this plant, communicated to me by Professor Williams, from the Botanic Garden of Oxford, to be the original *M. barbatum* of Linnæus; and at the same time being my *M. stelligerum*; I avail myself of this opportunity of rectifying the error, which may perhaps be the most appropriately done by the transposal of the names of the plants, as here adopted.

stelligerum. M. (The bearded, procumbent) ramis procumbentibus elongatis, foliis remotis semierectis apice subquinque-radiatis; calycinis laciniis præinæqualibus.—*Mesemb. barbatum*. Nob. in *Synops. Succ. exclusis synonymis*.

Obs. Priore omnino debilior, sive procumbens, ramis longe paucioribus longioribus, foliis remotioribus magisque erectis.

intonsum.

intonsum. M. (The black-bearded) ramulis erecto-decumbentibus effusis hirtulis, foliis apice sub-decem-radiatis; calyce barbâ nigrâ cincto.

Nova species, a Capite Bonæ Spei. Florebat in regio Horto Kewense, A.D. 1824, Julio mense.

Obs. Variat

α. rubicundum, floribus rubicundis, terminalibus solitariis.

β. album, floribus niveis nitentibus, morientibus pallidissime roseis.

Obs. Flores breviter pedunculati, pedunculis hispidis ebracteatis, setis albis erectis. *Calyx* 5-fidus turbينات inferne hispidus, setis patentibus albis, tunc late barbâ validâ nigrâ cinctus, setis nigris subulatis expansis. *Flores*, A. M. ad solem ardentem solum expansi, post illos Mesem. barbati et minores. *Folia* in ramorum apices subconferta, semierecta plusve, pallidiora quam in prioribus et acutiora, basi sæpe incipenter ciliata; undique ad lentem papulis setulâ albâ adpressâ finientibus.

Distinguitur optimè hispidis ramulis, calycisve nigredine barbæ.

stellatum. M. (The small-bearded) foliis (ramulisque brevibus grossis) cæspitosis canis crassis papuloso-scabris, apice multiradiatis, basi ciliatis; pedunculis calycibusque 6-8-fidis hirsutis.—*M. stellatum*. *Pl. Grass.* 29, cum icone.—*Nob. in Revis. Pl. Succ.* 121.

Rarius, et in æstu intenso solum floret.

densum. M. (The dwarf-bearded) densissime cæspitosum:

5. foliis papuloso-scabris, apice multiradiatis, basi subciliatis; pedunculis calycibusque 6-fidis hirsutissimis, caudice senili præcrasso ramuloso brevissimo.—*M. densum*. *Nob. in Synops. Succ. &c.*—*Bot. Mag.t.* 1220.

Obs. Flores rarissimi: æstu intenso solum vidi, quoque solum bis.

IX. Notices respecting New Books.

THE First Part of the Philosophical Transactions of the Royal Society for 1824 has just appeared, and the following are its contents:

The Croonian Lecture. On the internal Structure of the Human Brain, when examined in the Microscope, as compared with that of Fishes, Insects and Worms. By Sir Everard Home, Bart. V.P.R.S. — Some Observations on the Migration