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XCI. *An Account of a new Genus of Narcisseæ, allied to the Genus Ajax of Salisbury.* By A. H. HAWORTH, Esq. F.L.S., &c.

To the Editors of the Philosophical Magazine and Journal.

Gentlemen,

HAVING recently obtained specimens and a promise of roots of two interesting plants very nearly allied to the Genus *Ajax* of Salisbury, not as yet described in the technical language of Botany, I have given to them the name of *Diomedes*, and herewith transmit to you a correct description of them, as follows, and remain

Yours, &c.

Queen's Elm, Chelsea, Nov. 1823.

A. H. HAWORTH.

DIOMEDES.

Character Genericus.

Corolla limbo hexapetalo-partita, tubo clavatim cylindraceo valido, coronâ mediocri poculiformi petalos semiæquant. *Genitalia* recta. *Filamenta* subæqualia tubo semi-plusve deorsum connata. *Antheræ* exiguæ lineares erectæ.

OBS. Herba (Parkinsoni fide) e montibus Pyrenæis, habitu omnino Generis *Ajaxis* *Salisb.*, cui locum in systemate proximum tenet. Ab *Ajace* differt filamentorum insertione, tubæ coronæque formâ; Genus *Queltiam* *Salisb.* quoque approximât, discrepante tubo, stylo, coronâque.

Specierum Characteres.

minor. D. filamentis tribus apice solùm liberis, stylo coronâ 1. brevior.

Narcissus totus pallidus oblongo calice scrotinus minor. *Park. Parad.* 73. 4.

DESCRIPTIO. *Folia* viridia semunciam lata obtusa striatula. *Scapus* uniflorus, florendi tempore pedunculum superans. *Germen* post anthesin compresso-ovale. *Tubus* 6-7-linearis subcompresso-cylindraceus, supernè incrassatus sive latior, e viridi-lutescens. *Corolla* nutans, laciniis 6 subæqualibus elliptico-ovatis albis, basi distinctis luteis, stellatim expansis. *Corona* cylindrica poculiformis parum angulata laciniarum semilongitudine plusque, intensè lutea, ore recto subplicatulatim crenulato. *Filamenta* inæqualia gracilia lutescentia, supernè alba, tria tubo altè connata et libera solùm longitudine antherarum: tria dimidiatim libera, prioribus parum breviora. *Antheræ* tubum paulo superantes

rantes lineares erectæ exiguæ albæ, quasi imbecilles et forte sine polline. *Stylus* albus strictus antheras 3-4 lineas superans, at coronâ humilior, *stigmat*e obsoleto trilobo. *Germen* triloculare embryonibus pluribus.

Floret—Apr. medio. H. 4.

major. D. corollæ laciniis oris reflexis, filamentis plus quam 2. semiliberis, stylo coronam æquante.

Narcissus albus oblongo calice luteo serotinus major. *Park. Parad.* 73. 3.

DESCRIPTIO. Priore in omnibus triplo major at similis, scapo minus striatulo læviore. *Spatha* uniflora. *Corollæ* laciniæ speciosæ incurvo-expansæ, ad oras altissimè reflectentes, basi imbricantes, tubum cum germine æquantes, vel superantes, coronâque tertiâ parte longiores. *Corona* lutea, at pallidior quam priore, ore magis plicatim crenulato. *Filamenta* æqualia tubum longè superantia, sed humiliora quam corona; tria tubo infernè connata, at supernè plus quam semilibera; tria alia aliquantulum altiùs tubo connexa. *Antheræ* erectæ, externè parum curvatulæ, colore subaurantiaco, polline magis conspicuo quam in priore, sed non abundante. *Stylus* prioris, at major, coronæ longitudine.

Floret fine Aprilis. H. 4.

XCII. *On the Law according to which the Electro-Magnetic Power of the Connecting Wire of the Voltaic Pile is augmented by Schweigger's Multiplier.* By L. F. KAEMTZ, *Phil. Doct., of Halle.**

1. **I**MEDIATELY after Oersted's discovery had become known, the idea occurred to Professor Schweigger of increasing the electro-magnetic power of the voltaic pile by winding the connecting wire around the compass; he showed at the time, in his lectures, some experiments, with intent to examine in what degree the electro-magnetic power would be augmented by each additional convolution of the wire around the compass. The experiments, however, which were made here soon after the invention of the multiplier, were unsuccessful as to the discovery of a determinate law for this increase: (see Schrader de *Electro-magnetismo*, § 2. Schweigger's *Journal*, N.R. bd. i. p. 6.) I considered, therefore, that it would not be superfluous to ascertain this law by more exact experiments.

2. Before I proceed, however, to the description of the ex-

* From Schweigger and Meinecke's *Nues Journal*, band viii. p. 100.