Whether any natural check to the further progress of this pest will arise is at present problematical, much as it may be desired from an economical point of view.

It may be remarked that, although careful trials have been repeatedly made, I have utterly failed to infect either the coffee-leaf or any other plant with the small "*sporidia*" produced by the germination of the *teleutospore* of *Hemileia*; no evidence exists for doubting that the reproduction of the fungus on coffee-estates takes place wholly by means of the innumerable *uredospores*, as described.

Several *Æcidia* (notably those on *Emilia*, *Tabernæmontana*, and *Pavetta*) have been experimented with, to observe whether their spores can be made to infect coffee. In no case has any positive result been obtained; and the obverse is also true—the *teleutospores* of *Hemileia* did not infect the plants named. I hope that further trials will be made, however, with *Pavetta indica* and *P. angustifolia*: two *Æcidia* (*Æ. flavidum* and *Æ. Pavetta*) have been described* on these hosts; and it is remarkable that the genus *Pavetta* stands somewhat closely allied to *Coffea*. As to the original source of this fungus, there can be no reasonable doubt of its antiquity†. Whether *Hemileia vastatrix* is more than a form of *H. Canthii*, moreover, must be considered at present undecided.

A List of published Species of Cape Orchideæ.

By HARRY BOLUS, F.L.S.‡

[Read May 4, 1882.]

THE literature of Cape Orchidology is so scattered that the student is beset with difficulties at the outset in the attempt to ascertain what has been already described. Since Lindley's 'Genera and Species of Orchidaceous Plants' (1830-40), there has been no attempt at a general list. Many subsequent additions have been made, chiefly to the flora of the Eastern Region; and there are still many unpublished species from Kaffraria,

* Messrs. Berkeley and Broome, in Journ. Linn. Soc., Bot. vol. xiv.

† As first suggested, I believe, by Mr. Thiselton Dyer.

‡ See paper "Notes on some Cape Orchids," and footnote *antè*, p. 233.

Natal, the Orange Free State, and the Transvaal Republic. The present is to be regarded as a preliminary attempt only. I have consulted all the more probable sources of information, but some species may still lie hidden in continental serials or the transactions of learned societies; but I do not think there are many. In the arrangement of the tribes, subtribes, and genera I have followed Mr. Bentham's revision, generally, as sketched in the Journal of this Society, vol. xviii. pp. 281-360. With regard, however, to certain genera of the subtribe *Diseæ*, such as *Herschelia*, *Penthea*, *Monadenia*, &c., Mr. Bentham's final views, I understand, have not yet been expressed. I have cited all synonyms, except those of mere lists (such as Thunberg's 'Prodromus Plantarum Capensium'), and all figures so far as known to me.

Tribe EPIDENDRÆ.

Subtribe LIPARIDÆ.

LIPARIS, *Rich. Orch. Eur.* 30, f. 10.

(*Sturmia*, *Reichb.*)

1. L. CAPENSIS, *Lindl. in Ann. Nat. Hist.* ii. (1840), 314.
Sturmia capensis, *Sond. Linnæa*, xix. 71.
2. L. BOWKERI, *Harv. Thesaurus Capensis*, ii. p. 6, t. 109.

Tribe VANDEÆ.

Subtribe EULOPHIÆ.

EULOPHIA, *R. Br. Bot. Reg.* t. 686.

1. E. PLICATA.

- Satyrium aculeatum*?, *Linn. Suppl.* p. 402; *Syst. Veg.* xiv. 811.
Cymbidium aculeatum, *Thunb. Flor. Cap. ed. Schultes*, p. 27.
Satyrium tabulare?, *Linn. Suppl.* p. 403.
Cymbidium tabulare?, *Thunb. Fl. Cap.* 27.
Cymbidium plicatum, *Harv. Comp. Bot. Mag.* ii. 203; *Hook. Icon. Plant.* t. 104.

2. E. CAPENSIS.

- Satyrium capense*, *Linn. Am. Acad., Pl. Afr.* n. 93.
Satyrium pedicellatum, *Linn. Suppl.* 402.
Cymbidium pedicellatum, *Sw. Schrad. Diar.* (1799), 24; *Thunb. Fl. Cap.* 27; *denuo descr. a Reichb. f. Linnæa*, xx. 675.
Cyrtopera pedicellata, *Lindl. Gen. Sp. Orch.* 190.

3. *E. ENSATA*, *Lindl. Bot. Reg.* t. 1147.
4. *E. TRISTIS*, *Spreng. Syst. Veg.* iii. 720.
Satyrium triste, *Linn. Suppl.* 402.
Limodorum triste, *Thunb. Fl. Cap.* 29.
5. *E. LAMELLATA*, *Lindl. Gen. Sp. Orch.* 184.
6. *E. MICRANTHA*, *Lindl. Gen. Sp. O.* 184.
7. *E. BARBATA*, *Spreng. Syst. Veg.* iii. 720.
Serapias capensis, *Linn. Mantiss.* 293.
Limodorum barbatum, *Thunb. Fl. Cap.* 29.
8. *E. PARVILABRIS*, *Lindl. Comp. Bot. Mag.* ii. 201.
9. *E. CLAVICORNIS*, *Lindl. l. c.* 202.
10. *E. EMARGINATA*, *Lindl. l. c.* 202.
11. *E. OVALIS*, *Lindl. l. c.* 202.
12. *E. COCHLEARIS*, *Lindl. l. c.* 202.
13. *E. FOLIOSA*.
Cyrtopera foliosa, *Lindl. l. c.* 204.
14. *E. DRÈGEANA*, *Lindl. l. c.* 202.
15. *E. PLATYPETALA*, *Lindl. l. c.* 202.
16. *E. LISSOCHILOIDES*, *Lindl. l. c.* 203.
17. *E. SPHEROCARPA*, *Sond. Linnæa*, xix. 73.
18. *E. ZEYHERIANA*, *Sond. l. c.* 73.
19. *E. COMOSA*, *Sond. l. c.* 72.
20. *E. NUTANS*, *Sond. l. c.* 73.
21. *E. ODONTOGLOSSA*, *Reichb. f. Linnæa*, xix. 373, xx. 684.
22. *E. MELEAGRIS*, *Reichb. f. l. c.* xx. 683.
23. *E. VIOLACEA*, *Reichb. f. l. c.* 683.
24. *E. TENELLA*, *Reichb. f. l. c.* 681.
25. *E. RUPESTRIS*, *Reichb. f. l. c.* 682.

LISSOCHILUS, *R. Br. in Lindl. Coll. Bot.* t. 31.

1. *L. SPECIOSUS*, *R. Br. l. c., Bot. Reg.* t. 573.
2. *L. PARVIFLORUS*, *Lindl. Gen. Sp. O.* 191.
3. *L. STREPTOPETALUS*, *Lindl. Comp. Bot. Mag.* ii. 204; *Bot. Reg.* t. 1002.
4. *L. ÆQUALIS*, *Lindl. l. c.* ii. 204.
5. *L. PLATYPETALUS*, *Lindl. l. c.* 204.
6. *L. CLITELIFER*, *Reichb. f. Linnæa*, xx. 687.
7. *L. KREBSII*, *Reichb. f. l. c.* 685; *Bot. Mag.* t. 5861.

Subtribe CYMBIDIÆ.

CYMBIDIUM, *Swartz, Nov. Act. Ups.* vi. 70.

1. C. SANDERSONII, *Harv. (MSS. ?)*.

POLYSTACHYA, *Hook. Exot. Fl.* 103.(Epiphora, *Lindl. Comp. Bot. Mag.* ii. 101.)

1. P. GERRARDI, *Harv. Thes. Cap.* ii. 49, t. 176.
2. P. SANDERSONI, *Harv. l. c.* t. 177.
3. P. CAPENSIS, *Sond. in Hb. Eckl. & Zey.*; *Harv. l. c.* 50, t. 179.
4. P. PUBESCENS, *Reichb. f. Walp. Ann.* (1863), vi. 643; *Bot. Mag.* t. 5586.
- P. LINDLEYANA, *Harv. l. c.* (1863), p. 50, t. 178.
- Epiphora pubescens, *Lindl. Comp. Bot. Mag.* ii. 101.
5. P. SIMILIS, *Reichb. f. Otia bot. Hamburg.* 112.

Subtribe SARCANTHEÆ.

ANGRÆCUM, *Petit-Thouars, Orch. Afr.*

1. A. ARCUATUM, *Lindl. l. c.* 204; *Harv. Thes. Cap.* t. 107.
2. A. BICAUDATUM, *Lindl. l. c.* 205; *Harv. l. c.* t. 108.
3. A. "n. sp.," *Lindl. l. c.* 205 (*Drège*, 8269).
4. A. CONCHIFERUM, *Lindl. l. c.* 205.
5. A. SACCIFERUM, *Lindl. l. c.* 205.
6. A. PUSILLUM, *Lindl. l. c.* 205.
7. A. CHILOSCHISTÆ, *Reichb. f. Linnæa*, xx. 678.
8. A. MYSTACIDIUM, *Reichb. f. l. c.* 677.

MYSTACIDIUM, *Lindl. Comp. Bot. Mag.* ii. 206.

1. M. FILICORNE, *Lindl. l. c.* 206; *Harv. Thes. Cap.* t. 175.
- Epidendrum capense, *Linn. Suppl.* 407.
- Limodorum longicorne, *Swartz in Schrad. Diar.* (1799), p. 230.
- Angræcum capense, *Lindl. Gen. Sp.* O. 248.
- Æranthus filicornis, *Reichb. f. in Walp. Ann.* vi. 900.
2. M. PUSILLUM, *Harv. Thes. Cap.* ii. 47, t. 173.
3. M. GRACILE, *Harv. l. c.* ii. 48, t. 174.

Tribe OPHRYDEÆ.

Subtribe HABENARIÆ.

HERMINIUM, *R. Br. Hort. Kew.* ed. 2.

1. H. NATALENSE, *Reichb. f. Otia bot. Hamburg.* 108.

STENOGLOTTIS, *Lindl. Comp. Bot. Mag.* ii. 210.

1. S. FIMBRIATA, *Lindl. l. c.*; *Harv. Thes. Cap.* t. 56.

BARTHOLINA, *R. Br. Hort. Kew.* ed. 2, v. 194. (*Lathrisia*, *Sw.*)

1. B. PECTINATA, *R. Br. l. c.*; *Bot. Reg.* xx. t. 1653.

Orchis pectinata, *Thunb. Flor. Cap.* 15.

Orchis Burmanniana, *Linn. Suppl.* 1334.

B. Burmanniana, *Ker in Brande's Journ.* iv. 204, t. 5.

Arethusa ciliaris, *Linn. Suppl.* 405.

HUTTONIA, *Harv. Thes. Cap.* ii. 1. (*Hallackia*, *Harv. l. c.*)

1. H. PULCHRA, *Harv. l. c.* t. 101.

2. H. HALLACKII.

Hallackia fimbriata, *Harv. l. c.* ii. t. 102.

HOLOTHRIX, *L. C. Rich. Annot.* 83.

(*Saccidium*, *Lindl.*; *Monotris*, *Lindl.*; *Bucculina*, *Lindl.*;

Scopularia, *Lindl.*; *Tryphia*, *Lindl.*)

1. H. PARVIFOLIA, *Lindl. Gen. Sp. Orch.* 283; *Hook. Ic. Plant.* t. 103 B.

2. H. EXILIS, *Lindl. l. c.* 283.

3. H. SQUAMULOSA, *Lindl. Comp. Bot. Mag.* ii. 206.

4. H. HARVEIANA, *Lindl. l. c.*; *Hook. Ic. Plant.* t. 103 A.

5. H. VILLOSA, *Lindl. l. c.*

6. H. GRACILIS, *Lindl. l. c.*

7. H. INCURVA, *Lindl. l. c.*

8. H. BURCHELLII, *Reichb. f. Otia bot. Hamburg.* 119.

Scopularia Burchellii, *Lindl. Gen. Sp. Orch.* 303.

9. H. GRANDIFLORA, *Reichb. f. l. c.* 119.

Scopularia grandiflora, *Sond. Linnæa*, xix. 79.

10. H. SCOPULARIA, *Reichb. f. l. c.* 119.

Scopularia secunda, *Lindl. Comp. Bot. Mag.* ii.

11. H. MONOTRIS, *Reichb. f. l. c.* 119.

Monotris secunda, *Lindl. Gen. Sp. Orch.* 303.

12. H. ASPERA, *Reichb. f. l. c.* 119.

Bucculina aspera, *Lindl. Comp. Bot. Mag.* ii. 209.

13. H. LINDLEYANA, *Reichb. f. l. c.* 119.

Tryphia secunda, *Lindl. l. c.*; *Harv. Thes. Cap.* ii. t. 105.

14. H. PARVIFLORA, *Reichb. f. l. c.* 119.

Tryphia parviflora, *Lindl. l. c.*

15. H. ORTHOCERAS, *Reichb. f. l. c.* 119.

Tryphia orthoceras, *Harv. Thes. Cap.* ii. 4, t. 105.

16. H. PILOSA, *Reichb. f. l. c.* 119.
Saccidium pilosum, *Lindl. Gen. Sp. O.* 301.
17. H. BRACHYLABRIS, *Sond. Linnæa*, xix. 78.
18. H. CONDENSATA, *Sond. l. c.* 76.
19. H. MUNDTII, *Sond. l. c.* 77.
20. H. SECUNDA, *Reichb. f. l. c.* 119.
Orchis secunda, *Thunb. Flor. Cap.* 6.
Tryphia major, *Sond. l. c.* 82.
21. H. MACOWANIANA, *Reichb. f. l. c.* 108.

HABENARIA, *Willd. Sp. Pl.* iv. 44.

1. H. ARENARIA, *Lindl. Gen. Sp. O.* 318 ; *Harv. Thes. Cap.* t. 55.
2. H. FALCIFORMIS.
Bilabrella falciformis, *Bot. Reg.* t. 1701.
Bonatea bilabrella, *Lindl. Gen. Sp. O.* 328.
3. H. TETRAMERA.
Bonatea tetrapetala, *Lindl. Comp. Bot. Mag.* ii. 208.
4. H. CLAVATA.
Bonatea clavata, *Lindl. l. c.*
5. H. CASSIDEA, *Reichb. f. in Walp. Ann. Bot.* i. 797.
Bonatea cassidea, *Sond. Linnæa*, xix. 81.
6. H. DENSIFLORA, *Reichb. f. l. c.*
Bonatea densiflora, *Sond. l. c.* 80.
7. H. ORNITHOPODA, *Reichb. f. Linnæa*, xx. 696.
8. H. SAUNDERSIÆ, *Harv. Thes. Cap.* ii. t. 147.
Bonatea Darwinii, *Weale in Journ. Linn. Soc.* x. p. 470.
9. H. NATALENSIS, *Reichb. f. Otia bot. Hamb.* 97.
10. H. POLYPODANTHA, *Reichb. f. l. c.* 97.
11. H. MALACOPHYLLA, *Reichb. f. l. c.* 97.
12. H. GERRARDI, *Reichb. f. l. c.* 97.
13. H. ORANGANA, *Reichb. f. l. c.* 101.
14. H. DRÈGEANA, *Lindl. in Ann. Nat. Hist.* iv. (1840), 310.
15. H. CILIOSA, *Lindl. l. c.* 314.
16. H. LÆVIGATA, *Lindl. l. c.* 315.

BONATEA, *Willd. Sp. Plant.* iv. 43.

1. B. SPECIOSA, *Willd. l. c.* ; *Bot. Mag.* t. 2926 ; *Lodd. Cab.* t. 284.
Orchis speciosa, *Linn. Suppl.* 401 ; *Thunb. Fl. Cab.* 27.
2. B. FOLIOSA, *Lindl. Gen. Sp. O.* 329.
Orchis foliosa, *Sw. Act. Holm.* (1800), 206.
3. B. BOLTONI, *Harv. Thes. Cap.* i. 55, t. 88.

Subtribe DISEÆ.

SATYRIUM, *Swartz, Act. Holm.* (1800), 214.(Satyridium, *Lindl.*; Aviceps, *Lindl.*)

1. S. MEMBRANACEUM, *Sw. l. c.* 216.
2. S. LONGICOILE, *Lindl. Gen. Sp. O.* 335.
3. S. CARNEUM, *R. Br. Hort. Kew.* ed. 2, v. 193; *Bot. Mag.* t. 1512; *Fl. des Serres*, t. 329.
4. S. PARVIFLORUM, *Sw. l. c.* 216.
Orchis bicornis, *Jacq. Hort. Schænbr.* t. 179.
Diplectrum parviflorum, *Pers. Syn.* ii. 509.
5. S. STENOPETALUM, *Lindl. Gen. Sp. O.* 336.
6. S. FOLIOSUM, *Sw. l. c.* 216.
7. S. SPILEROCARPUM, *Lindl. l. c.* 337.
8. S. MACULATUM, *Burch. in Lindl. l. c.* 337.
9. S. LONGICAUDA, *Lindl. l. c.* 337.
10. S. MACROPHYLLUM, *Lindl. l. c.* 338.
11. S. LUPULINUM, *Lindl. l. c.* 338.
12. S. CUCULLATUM, *Thunb. Fl. Cap.* 17; *Bot. Reg.* t. 416; *Lodd. Cab.* t. 104.
Orchis bicornis, *Linn. Sp. Pl.* 1330 (*non Jacq.*); *Bot. Repos.* t. 315.
13. S. CANDIDUM, *Lindl. Bot. Reg.* (1839), *Misc.* no. 153.
14. S. ACUMINATUM, *Lindl. Gen. Sp. O.* 339.
15. S. HUMILE, *Lindl. l. c.* 339.
16. S. DENSIFLORUM, *Lindl. l. c.* 340.
17. S. ERECTUM, *Thunb. Flor. Cap.* 16; *Maund. Bot.* iii. t. 117.
18. S. PUSTULATUM, *Lindl. Bot. Reg.* (1840), t. 18; *Bauer's Illustr.* t. 14.
S. papillosum, *Lindl. (sphalmate), Gen. Sp. O.* 341.
19. S. CASSIDEUM, *Lindl. Gen. Sp. O.* 341.
20. S. CORIIFOLIUM, *Swartz, Act. Holm.* (1800), 216; *Bot. Mag.* t. 2172; *Bot. Reg.* t. 703.
S. cucullatum, *Lindl. Lodd. Bot. Cab.* t. 104.
21. S. LIGULATUM, *Lindl. Gen. Sp. O.* 342.
22. S. MILITARE, *Lindl. l. c.* 342.
23. S. ERIOSTOMUM, *Lindl. l. c.* 342.
24. S. BRACTEATUM, *Thunb. Flor. Cap.* 18.
Ophrys bracteata, *Linn. Suppl.* 403.
25. S. RETUSUM, *Lindl. l. c.* 343.

26. *S. BICALLOSUM*, *Swartz, l. c.* 216.
27. *S. LINEATUM*, *Lindl. Gen. Sp. O.* 344.
S. bracteatum, *Ker in Brande's Journal*, viii. 221, t. 3.
28. *S. PICTUM*, *Lindl. Gen. Sp. O.* 344.
29. *S. CORDIFOLIUM*, *Lindl. Gen. Sp. O.* 344.
30. *S. MUTICUM*, *Lindl. Gen. Sp. O.* 344.
31. *S. RHYNCHANTHUM*.
Satyridium rostratum, *Lindl. Gen. Sp. O.* 345; *Harv. Thes. Cap.*, t. 87.
32. *S. PUMILUM*, *Thunb. Flor. Cap.* 19.
Aviceps pumila, *Lindl. Gen. Sp. O.* 345.
33. *S. CRISTATUM*, *Sond. Linnæa*, xix. 84.
34. *S. UTRICULATUM*, *Sond. l. c.* 84.
35. *S. ODORUM*, *Sond. l. c.* 86.
36. *S. PYGMEUM*, *Sond. l. c.* 86.

PACHITES, *Lindl. Gen. Sp. O.* 301.

1. *P. APPRESSA*, *Lindl. Gen. Sp. O.* 301.

DISA, *Linn. Suppl.*; *Swartz, Act. Holm.* (1800), 208.

(*Penthea*, *Lindl. Nat. Syst. Bot.* ed. ii. p. 446.

1. *D. GRANDIFLORA*, *Linn. Suppl.* 406; *Bot. Reg.* t. 926; *Lindl. Sert. Orch.* t. 49; *Bot. Mag.* t. 4073; *Fl. des Serres*, ii. t. 160.
D. uniflora, *Berg. Fl. Cap.* 348, t. 4. f. 7.
2. *D. SECUNDA*, *Sw. l. c.* 210.
D. racemosa, *Linn. Suppl.* 406.
3. *D. CRASSICORNIS*, *Lindl. Gen. Sp. O.* 348.
4. *D. GRACILIS*, *Lindl. Gen. Sp. O.* 348.
5. *D. CHRYSOSTACHYA*, *Sw. l. c.*
6. *D. POLYGONOIDES*, *Lindl. Gen. Sp. O.* 349; *Bot. Mag.* t. 6532.
7. *D. CORNUTA*, *Sw. l. c.*; *Bot. Mag.* t. 4091.
Orchis cornuta, *Linn. Sp. Pl.* 1330.
8. *D. MACRANTHA*, *Thunb. Fl. Cap.* 8.
9. *D. MEGACERAS*, *Hook. f. Bot. Mag.* t. 6529.
10. *D. LONGIFOLIA*, *Lindl. Gen. Sp. O.* 349.
11. *D. LONGICORNIS*, *Linn. f. Suppl.* 406; *Thunb. Fl. Cap.* 8;
Lam. Encycl. t. 727.
12. *D. FASCIATA*, *Lindl. Gen. Sp. O.* 350; *Harv. Thes. Cap.* t. 85.
13. *D. ROSEA*, *Lindl. Gen. Sp. O.* 350.

14. *D. SAGITTALIS*, *Sw. l. c.*; *Thunb. Fl. Cap.* 9.
Orchis sagittalis, *Linn. Suppl.* 399.
15. *D. ATTENUATA*, *Lindl. Gen. Sp. O.* 351.
16. *D. TRILOBA*, *Lindl. Gen. Sp. O.* 351.
17. *D. GLANDULOSA*, *Burch. in Lindl. Gen. Sp. O.* 351.
18. *D. VENOSA*, *Sw. l. c.*; *Thunb. Flor. Cap.* 15.
Orchis tripetaloides, *Linn. Suppl.* 398.
19. *D. CAULESCENS*, *Lindl. Gen. Sp. O.* 351.
20. *D. NERVOSA*, *Lindl. Gen. Sp. O.* 352.
21. *D. DRACONIS*, *Sw. l. c.*; *Thunb. Fl. Cap.* 10.
Orchis Draconis, *Linn. Suppl.* 400.
22. *D. HARVEIANA*, *Lindl. in Hook. Lond. Journ. Bot.* (1842),
i. 15.
23. *D. GLADIOLIFLORA*, *Burch. in Lindl. Gen. Sp. O.* 352.
24. *D. PORRECTA*, *Sw. l. c.*; *Ker in Brande's Journ.* v. t. 5.
D. ferruginea, *Thunb. Flor. Cap.* 11; *Hook. Icon. Plant.* t. 214.
25. *D. ZEYHERI*, *Sond. Linnæa*, xix. 95.
26. *D. SPATHULATA*; *Sw. l. c.*; *Thunb. Flor. Cap.* 15; *Bauer's*
Illustr. Gen. t. xiv.; *Harv. Thes. Cap.* t. 86.
27. *D. TRIPARTITA*, *Lindl. Gen. Sp. O.* 353.
- ? 28. ? *D. MULTIFIDA*, *Lindl. Gen. Sp. O.* 353.
29. *D. PROPINQUA*, *Sond. Linnæa*, xix. 95.
30. *D. CHARPENTIERIANA*, *Reichb. f. Linnæa*, xx. 688.
31. *D. ATROPURPUREA*, *Sond. Linnæa*, xix. 96.
32. *D. BRACTEATA*, *Sw. l. c.*; *Bot. Reg.* t. 324.
33. *D. TENUIS*, *Lindl. Gen. Sp. O.* 354.
34. *D. TENELLA*, *Thunb. Flor. Cap.* 11.
Orchis tenella, *Linn. Suppl.* 400.
35. *D. BRACHYCERAS*, *Lindl. Gen. Sp. O.* 355.
36. *D. OBTUSA*, *Lindl. Gen. Sp. O.* 355.
? *D. picta*, *Sond. Linnæa*, xix. 99.
? *D. tabularis*, *Sond. l. c.* 99.
? *D. neglecta*, *Sond. l. c.* 99.
? *D. maculata*, *Harv. Hook. Lond. Journ. Bot.* (1842), i. 15.
37. *D. TELIPOGONIS*, *Reichb. f. Linnæa*, xx. 689.
38. *D. STRICTA*, *Sond. Linnæa*, xix. 91.
39. *D. ACONITOIDES*, *Sond. Linnæa*, xix. 91; *Harv. Thes. Cap.*
t. 41.
40. *D. CAPRICORNIS*, *Reichb. f. l. c.* 692.
41. *D. SCHIZODIODES*, *Sond. l. c.* 92.
42. *D. PATULA*, *Sond. l. c.* 94.

43. *D. VAGINATA*, *Harv. in Hook. Lond. Journ. Bot.* (1842), i. 15.
? *D. modesta*, *Reichb. f. l. c.* 670.
 44. *D. OVALIFOLIA*, *Sond. l. c.* 93.
 45. *D. PULCHRA*, *Sond. l. c.* 94.
 46. *D. MONTANA*, *Sond. l. c.* 90.
 47. *D. SANGUINEA*, *Sond. l. c.* 97.
 48. *D. LEPTOSTACHYS*, *Sond. l. c.* 98.
 49. *D. NATALENSIS*, *Harv. l. c.* 16.
 50. *D. RICHARDIANA*, *Lehm. ex Lindl. Gen. Sp. O.* 361.
Penthea obtusa, *Lindl. l. c.* 361.
 51. *D. FILICORNIS*, *Thunb. Flor. Cap.* 17.
Disa patens, *Sw. l. c.* 214, *nec Thunb.*
Orchis filicornis, *Linn. Suppl.* 400.
Penthea filicornis, *Lindl. Gen. Sp. O.* 361.
 52. *D. REFLEXA*.
Penthea reflexa, *Lindl. Gen. Sp. O.* 361.
 53. *D. PATENS*, *Thunb. Flor. Cap.* 16, *nec Sw.*
Ophrys patens, *Linn. Suppl.* 404.
Disa tenuifolia, *Sw. l. c.* 214.
Penthea patens, *Lindl. Gen. Sp. O.* 362.
 54. *D. MINOR*.
Penthea minor, *Sond. l. c.* 104.
 55. *D. PARVILABRIS*.
Penthea triloba, *Sond. l. c.* 104.
 56. *D. MELALEUCA*, *Thunb. Flor. Cap.* 16; *Harv. Thes. Cap.* t. 84.
Ophrys bivalvata, *Linn. Suppl.* 403.
Penthea melaleuca, *Lindl. Gen. Sp. O.* 361.
 57. *D. ATRICAPILLA*.
Penthea atricapilla, *Harv. Lond. Journ. Bot.* (1842), i. 17.
 58. *D. HUTTONII*, *Reichb. f. Otia bot. Hamb.* 105.
 59. *D. HEMISPHEROPHORA*, *Reichb. f. l. c.* 106.
 60. *D. MACOWANI*, *Reichb. f. l. c.* 106.
 61. *D. CEPHALOTES*, *Reichb. f. l. c.* 106.
 62. *D. LÆTA*, *Reichb. f. l. c.* 106.
- HERSCHELIA*, *Lindl. Gen. Sp. O.* 362.
1. *H. CÆLESTIS*, *Lindl. l. c.* 363.
Disa graminifolia, *Ker in Brande's Journ.* vi. 44, t. 1.
 2. *H. BARBATA*, *Bolus, antea*, p. 236.
Disa barbata, *Sw. l. c.*; *Lindl. Gen. Sp. O.* 354.
Orchis barbata, *Linn. Suppl.* 399.

MONADENIA, *Lindl. Gen. Sp. O.* 356.

1. *M. RUFESCENS*, *Lindl. l. c.* 356.
Disa rufescens, *Sw. l. c.* 210; *Thunb. Flor. Cap.* 13.
2. *M. BREVICORNIS*, *Lindl. l. c.* 357.
3. *M. MICRANTHA*, *Lindl. l. c.* 357.
4. *M. DENSIFLORA*, *Lindl. l. c.* 357.
5. *M. MACROSTACHYA*, *Lindl. l. c.* 357.
6. *M. MACROCERA*, *Lindl. l. c.* 358.
7. *M. OPHRYDEA*, *Lindl. l. c.* 358.
8. *M. PRASINATA*, *Lindl. l. c.* 358.
Disa prasinata, *Ker, Bot. Reg. t.* 210.
9. *M. LEPTOSTACHYA*, *Sond. Linnæa*, xix. 101.
10. *M. INFLATA*, *Sond. l. c.* 102.
? Disa physodes, *Thunb. Flor. Cap.* 12.
11. *M. MULTIFLORA*, *Sond. l. c.* 101.
12. *M. LANCIFOLIA*, *Sond. l. c.* 100.
13. *M. COMOSA*, *Reichb. f. Linnæa*, xx. 687.

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1. *S. FLEXUOSUM*, *Lindl. l. c.* 359.
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2. *S. ARCUATUM*, *Lindl. l. c.* 359.
3. *S. LONGIPETALUM*, *Lindl. l. c.* 359.
4. *S. OBTUSATUM*, *Lindl. l. c.* 359.
5. *S. OBLIQUUM*, *Lindl. l. c.* 359.
6. *S. CLAVIGERUM*, *Lindl. l. c.* 360.
7. *S. RIGIDUM*, *Lindl. l. c.* 360.
8. *S. INFLEXUM*, *Lindl. l. c.* 360.
9. *S. GUEINZII*, *Reichb. f. Linnæa*, xx. 694.

BROWNLEE, *Lindl. Hook. Lond. Journ. Bot.* (1842), i. 16.

1. *B. CÆRULEA*, *Harv. Hook. Lond. Journ. Bot.* (1842), i. 16;
Harv. Thes. Cap. ii. 106, t. 103.
B. macroceras, *Sond. Linnæa*, xix. 106.
2. *B. PARVIFLORA*, *Harv. l. c.* 16.
3. *B. RECURVATA*, *Sond. l. c.* 107; *Harv. Thes. Cap.* t. 104.

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1. *F. GRAMINIFOLIA*, *Lindl. l. c.* 362.

BRACHYCORYTHIS, *Lindl. Gen. Sp. O.* 363.

1. B. OVATA, *Lindl. l. c.*; *Harv. Thes. Cap.* i. t. 53.
2. B. PUBESCENS, *Harv. Thes. Cap.* i. 35, t. 54.
3. B. TENUIOR, *Reichb. f. Otia bot. Hamb.* 104.
4. B. MACOWANIANA, *Reichb. f. l. c.* 104.

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1. S. ZEYHERI, *Sond. l. c.*

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PTERYGODIUM, *Swartz, Act. Holm.* (1800), 217.(Ommatodium, *Lindl. Gen. Sp. O.* 365.)

1. P. PLATYPETALUM, *Lindl. l. c.* 366.
2. P. CATHOLICUM, *Sw. l. c.*; *Thunb. Flor. Cap.* 22; *Brande's Journ.* vi. t. 1. f. 3.
Ophrys catholica, *Linn. Am. Acad., Pl. Afr.* n. 94.
O. alaris, *Linn. Suppl.* 404.
3. P. ACUTIFOLIUM, *Lindl. Gen. Sp. O.* 366.
4. P. ALATUM, *Sw. l. c.*; *Thunb. Fl. Cap.* 24; *Brande's Journ.* viii. t. 3.
5. P. CAFFRUM, *Sw. l. c.*; *Thunb. l. c.*
6. P. CARNOSUM, *Lindl. Gen. Sp. O.* 367.
7. P. VENOSUM, *Lindl. l. c.* 367; *Harv. Thes. Cap.* t. 94.
8. P. INVERSUM, *Sw. l. c.*; *Thunb. l. c.*; *Brande's Journ.* ix. t. 4.
9. P. CRUCIFERUM, *Sond. Linnæa*, xix. 109.
10. P. VOLUCRIS, *Sw. l. c.* 218; *Thunb. Fl. Cap.* 22; *Ker, Brande's Journ.* ix. t. 4.
Ophrys Volucris, *Linn. Suppl.* 403.
Ommatodium Volucris, *Lindl. Gen. Sp. O.* 365.

DISPERIS, *Swartz, Act. Holm.* (1800), 218.

1. D. CAPENSIS, *Sw. l. c.*; *Thunb. Flor. Cap.* 25; *Ker in Brande's Journ.* v. t. 1. f. 2.
Arethusa capensis, *Linn. Suppl.* 405.
Disperis tenera, *Spreng.*
2. D. SECUNDA, *Sw. l. c.*; *Thunb. Fl. Cap.* 26; *Ker, l. c.* v. t. 1. f. 3.
Orchis circumflexa, *Linn. Sp. Pl.* 1344.
3. D. MICRANTHA, *Lindl. Gen. Sp. O.* 370.
4. D. VILLOSA, *Sw. l. c.*; *Thunb. l. c.* 25; *Ker, l. c.* vi. t. 1. f. 5.
Arethusa villosa, *Linn. Suppl.* 403.

5. *D. CUCULLATA*, *Sw. l. c.* ; *Ker, l. c. vi. t. 1. f. 4.*
6. *D. PALUDOSA*, *Harv. Hook. Lond. Journ. Bot. (1842), i. 14 ;*
Harv. Thes. Cap. t. 148.
7. *D. CARDIOPHORA*, *Harv. Thes. Cap. ii. 4, t. 106.*
8. *D. FANNINIÆ*, *Harv. l. c. ii. 46, t. 171.*
9. *D. COOPERI*, *Harv. l. c. ii. 47, t. 172.*
10. *D. PURPURATA*, *Reichb. f. Linnæa, xli. 55.*
11. *D. STENOPECTRON*, *Reichb. f. Otia bot. Hamb. 102.*
12. *D. WEALII*, *Reichb. f. l. c. 103.*

CORYCIUM, *Swartz, Act. Holm. (1800), 220.*

1. *C. CRISPUM*, *Sw. l. c.* ; *Thunb. Flor. Cap. 21.*
Orchis coccinea, Buxb. Cent. iii. p. 7, t. 11.
2. *C. BICOLOR*, *Sw. l. c.* ; *Thunb. l. c. 21 ; Ker in Brande's Journ.*
vi. t. 1. f. 1 ; Bauer's Illustr. Gen. t. 15.
3. *C. EXCISUM*, *Lindl. Gen. Sp. O. 368.*
4. *C. MICROGLOSSUM*, *Lindl. l. c. 369.*
5. *C. OROBANCHOIDES*, *Sw. l. c.* ; *Thunb. l. c. 20 ; Ker, l. c. viii.*
t. 3. f. 3 ? ; Lindl. Bot. Reg. t. 45.
Satyrium orobanchoides, Linn. Suppl. 402.
6. *C. VESTITUM*, *Sw. l. c.* ; *Thunb. l. c. 21.*
7. *C. BIFIDUM*, *Sond. Linnæa, xix. 111.*
C. ligulatum, Reichb. f. l. c. xix. 375.
8. *C. NIGRESCENS*, *Sond. l. c. 120.*

CERATANDRA, *Lindl. Gen. Sp. O. 363.*

1. *C. CHLOROLEUCA*, *Mundt in herb. Eckl. ; Bauer's Illustr.*
Gen. t. xvi.
Pterygodium atratum, Sw. Act. Holm. (1800), 217.
Ophrys atrata, Linn. Mant. 121.
2. *C. AURICULATA*, *Lindl. l. c. 364.*
3. *C. GLOBOSA*, *Lindl. l. c. 364.*
4. *C. PARVIFLORA*, *Lindl. l. c. 364.*
5. *C. GRANDIFLORA*, *Lindl. l. c. 364.*
6. *C. HARVEYANA*, *Lindl. l. c. 365.*
7. *C. AFFINIS*, *Sond. Linnæa, xix. 108.*

SUMMARY.

	Genera.	Species.
EPIDENDREÆ.....	1	2
VANDEÆ.....	6	49
OPHRYDEÆ	21	214
	—	—
Total	28	265