

PLATE XXVIII.

Drawn from life by me in the Canary Island Lanzerote, in January 1867.

*Mitrophyes peltifera*, n. sp. (p. 131).

- |   | Diam. |
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| Fig. 1. The complete corm, with expanded stem; the apical bract ( <i>b</i> ) and the nectophore half in dorsal, half in lateral view (from the right side). <i>cv</i> , Ventral canal; <i>cd</i> , dorsal canal; <i>cx</i> , right canal; <i>cb</i> , bracteal canal; <i>v</i> , velum. The trunk of the dioecious siphosome is fully expanded and bears numerous ordinate cormidia, . . . . .  | × 10  |
| Fig. 2. The same corm, with contracted siphosome ( <i>a</i> ); the apical bract ( <i>b</i> ) is reflected to show its pedicle and the union with the nectophore ( <i>n</i> ). Characters as in fig. 1. <i>ab</i> , Cormidia, . . . . .  | × 10  |
| Fig. 3. A single female cormidium. <i>a</i> , Trunk; <i>b</i> , bract; <i>s</i> , siphon; <i>sm</i> , stomach; <i>sr</i> , proboscis; <i>so</i> , mouth; <i>kc</i> , cnidocysts; <i>t</i> , tentacle; <i>f</i> , gynophore; <i>o</i> , eggs; <i>v</i> , velum; <i>w</i> , subumbrella, . . . . .  | × 100 |
| Fig. 4. A gynophore, with the included ovarium, isolated. <i>o</i> , Eggs; <i>uo</i> , ostium umbrellæ; <i>v</i> , velum, . . . . .   | × 150 |
| Fig. 5. A single male cormidium. Characters as in fig. 3. <i>h</i> , Androphore; <i>uo</i> , ostium of the umbrella; <i>sb</i> , basigaster, . . . . .  | × 100 |
| Fig. 6. An androphore, with the included spermarium, isolated. <i>hx</i> , Axial spadix; <i>hs</i> , sperma; <i>uo</i> , ostium umbrellæ; . . . . .   | × 150 |
| Fig. 7. Apical portion of the trunk, with the connection of the apical bract ( <i>b</i> ) and the nectophore. <i>bp</i> , Pedicle of the bract; <i>cb</i> , bracteal duct; <i>cs</i> , somatocyst; <i>wi</i> , rudimentary hydroecium; <i>a</i> , trunk; <i>i</i> , buds of cormidia; <i>cn</i> , nectophoral duct; <i>cv</i> , ventral canal; <i>cd</i> , dorsal canal; <i>cx</i> , right canal; <i>cl</i> , left canal. (Compare fig. 2), . . . . . | × 40  |
| Fig. 8. A single tentillum. <i>kg</i> , Large lateral cnidocysts; <i>m</i> , small median cnidocysts; <i>kp</i> , distal pyriform cnidocysts; <i>tf</i> , terminal filament, spirally coiled up, . . . . .  | × 300 |