

PLATE XXX.

Drawn by me from life in Ceylon, in December 1881.

Desmophyes annectens, n. sp. (p. 170).

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| Fig. 1. The complete corm, with six nectophores and numerous diclinic cormidia, males and females alternating, | × 3 |
| Fig. 2. Lateral view of a single female cormidium (from the right side).
<i>b</i> , Bract; <i>bc</i> , phyllocyst; <i>cv</i> , ventral canal; <i>cd</i> , dorsal canal;
<i>cx</i> , right canal; <i>cl</i> , left canal (see fig. 3); <i>a</i> , trunk; <i>s</i> , siphon;
<i>sr</i> , its proboscis; <i>t</i> , tentacle; <i>nn</i> , special nectophore; <i>w</i> , sub-
umbrella; <i>v</i> , velum; <i>t</i> , rudimentary tentacles; <i>uy</i> , ocelli; <i>cc</i> , ring-
canal; <i>cr</i> , radial canals; <i>f</i> , gynophore; <i>o</i> , eggs, | × 20 |
| Fig. 3. Lateral view of a single male cormidium (from the left side); the special nectophore, and the bunch of androphores (represented in fig. 4), which fill up the ventral half of the bracteal cavity, have been detached. Characters as in fig. 2. <i>sb</i> , Basigaster; <i>sh</i> , hepatic ridges in the stomach; <i>sr</i> , proboscis; <i>ss</i> , suctorial disc, | × 20 |
| Fig. 4. A bunch of androphores (<i>h</i>) detached from the male cormidium, fig. 3.
<i>u</i> , Umbrella; <i>cr</i> , its four radial canals; <i>cc</i> , ring-canal; <i>hm</i> , spermarium;
<i>hx</i> , spadix; <i>hs</i> , sperma, | × 40 |
| Fig. 5. A bunch of gynophores (<i>f</i>) detached from a female cormidium. <i>u</i> , Umbrella; <i>cr</i> , its four radial canals; <i>v</i> , velum; <i>cc</i> , ring-canal; <i>o</i> , eggs; <i>o</i> ¹ , germinal spot; <i>o</i> ² , germinal vesicle; <i>o</i> ³ , germinal yolk, | × 40 |
| Fig. 6. A special nectophore, detached from a male cormidium. <i>w</i> , Sub-umbrella; <i>v</i> , velum; <i>t</i> , rudimentary tentacles; <i>uy</i> , ocelli; <i>cc</i> , ring-canal; <i>cr</i> , radial canals; <i>cp</i> , penduncular canal, | × 40 |
| Fig. 7. A small portion of the umbrella margin of the special nectophore, fig. 6, more enlarged. <i>cc</i> , Ring-canal; <i>t</i> , rudimentary tentacles; <i>uy</i> , ocellus, | × 100 |
| Fig. 8. A single tentillum. <i>tt</i> , Pedicle; <i>to</i> , distal ampulla of the pedicle; <i>tk</i> , cnidosac; <i>kl</i> , large lateral cnidocysts; <i>km</i> , small median cnidocysts; <i>kp</i> , distal pyriform cnidocysts; <i>tf</i> , terminal filament, | × 300 |