

attenuato, deorsum incrassato infra anulum crassum mobilem transversim flocculoso; lamellis leviter decurrentibus argillaceis.

TRISTAN DA CUNHA group.—Endemic. On trunks of *Phyllica nitida*—*Moseley*.

Pileus three inches or more across, convex, at first very smooth and even, at length repeatedly areolate with a depressed wart on each division, margin turned up; stem excentric, attenuated upwards, thick and swollen below, solid, about two inches high, one and a quarter inch or more thick in the centre; ring thick, very soon detached, and movable; gills moderately broad, crowded, clay-coloured, decurrent, edge pale; spores oblong oblique, about 0003 inch long, but variable in size.

Very nearly allied to *Agaricus capistratus*, Cooke, but differs in several points, especially in the incrassated stem. There is a misprint in Cooke's description of that species, the figure being quite correct.

ASCOMYCETES.

PYRENOMYCETES.

Hypoxyton placentæforme, Berkl. et Curt.

Hypoxyton placentæforme, Berkl. et Curt. in Journ. Linn. Soc. Lond., x. p. 383, et Berkl. in Journ. Linn. Soc. Lond., xv. p. 52.

TRISTAN DA CUNHA.—On dead *Phyllica*—*Moseley*.

Also in Cuba.

Thouars (Esquisse Fl. Trist., p. 25) enumerates four fungi, namely—*Merulius* sp., "hemispherical, laterally attached to the trunks of trees;" *Agaricus* sp., "a small species laterally attached to the rotten trunks of trees;" *Sphaeria* sp. (probably *Hypoxyton placentæforme*); and *Peziza* sp., "orbicular, purplish above, villous beneath."

ALGÆ.

MELANOSPERMEÆ.

LAMINARIACEÆ.

Macrocystis pyrifera, K. A. Agardh.

Macrocystis pyrifera, K. A. Agardh, Sp. Alg., i. p. 47; Kütz., Sp. Alg. p. 582; Dickie in Journ. Linn. Soc. Lond., xiv. p. 384; Harv., Phyc. Austr., t. 202.

Fucus pyrifera, Linn.; Thouars, Esquisse Fl. Trist., p. 25.

TRISTAN DA CUNHA. *Thouars*; *MacGillivray*; *Moseley*.

All round the Southern Ocean; California, as far south as San Francisco; Unalashka; Sitcha; China.

The distribution of this gigantic seaweed in the Southern and Pacific Oceans only is noteworthy.