Chorological Synopsis of the Species.

	Ocean.	Range in Fathoms.	Nature of the Sea-bottom.
Anthenea acuta . . .	Indian and Pacific.	6 to 15	...
Anthenea articulata . .	Indian and Pacific (?).	...	...
Anthenea flavescens . .	?	...	...
Anthenea grayi . . .	?	...	...
Anthenea pentagonula .	Pacific.	...	...
Anthenea tuberculosa . .	Eastern Archipelago.	6	Coral mud.

1. *Anthenea acuta,* Perrier.

> *Goniodiscus acutus,* Perrier, 1869, Ann. Sci. Nat., 5e Sér., t. xii. p. 280.
> *Anthenea acuta,* Perrier, 1876, Révis. Stell. Mus., p. 275 (Archives de Zool. expér., t. v. p. 91).

Locality.—Port Jackson.   Depth 6 to 15 fathoms.

2. *Anthenea tuberculosa,* Gray.

> *Anthenea tuberculosa,* Gray, 1847, Proc. Zool. Soc. Lond., Part xv., p. 77 ; Ann. and Mag. Nat. Hist., vol x. p. 198 ; Synop. Spec. Starf. Brit. Mus., 1866, p. 9, pl. iv. fig. 1.

Locality.—Station 187.   Booby Island, Torres Strait.   September 9, 1874.   Lat. 10° 36′ 0″ S., long. 141° 55′ 0″ E.   Depth 6 fathoms.   Coral mud.   Surface temperature 77°·7 Fahr.

Remarks.—A single fine example was dredged off Booby Island, which I refer to this species.   The rays are rather longer and narrower than in Gray's figure ; and the supero-marginal plates are not furnished with the isolated tubercles on the upper end of the plates shown in that example.   They bear large granules, and in this respect resemble an example from Port Essington preserved in the British Museum, which has been referred by Perrier to Gray's species.   In the Port Essington example the supero-marginal plates are not so high and broad as in Gray's figured specimen.   In the character of its supero-marginal plates the example from Booby Island appears to occupy an intermediate position.   The lateral series of abactinal plates on the outer part of the ray which intervene between the median radial series and the supero-marginal plates bear a small group of granules.

2a. *Anthenea tuberculosa,* Gray (?), juv.   (Pl. LVI. figs. 5–8.)

Locality.—Torres Strait.   Exact position and conditions not recorded.

Remarks.—I have placed provisionally a single small example of *Anthenea* taken in