

Genus 574. *Sethocephalus*,<sup>1</sup> Haeckel, 1881, Prodrömus, p. 430.

*Definition*.—Sethocorida (vel Dicyrtida eradiata aperta) with discoidal, flatly expanded thorax. Cephalis large, without horn.

The genus *Sethocephalus* (formerly proposed under the name *Platycryphalus*) contains some few and rare Sethocorida, distinguished by the very large cephalis, the collar opening of which is wide open, not closed by cortinar beams, and surrounded by a very flat, nearly discoidal thorax, like the brim of a hat. It is possible that this peculiar genus has been derived from a Tricyrtid (*Theocalyptra*?) by loss of the original cephalis, and that the apparent large cephalis is the original thorax.

1. *Sethocephalus eucecryphalus*, n. sp. (Pl. 56, fig. 13).

Cephalis very large, campanulate-conical, with irregular, polygonal pores and thin bars. Thorax short, scarcely broader than the cephalis, beyond the sharp collar stricture expanded like the brim of a hat, with few rows of irregular, polygonal pores. (In the specimen figured the thorax was only half as broad as in another specimen found afterwards.)

*Dimensions*.—Cephalis 0·12 long, 0·09 broad; thorax 0·02 long, 0·12 broad.

*Habitat*.—South Pacific, Station 285, surface.

2. *Sethocephalus platycryphalus*, n. sp.

*Platycryphalus sethodiscus*, Haeckel, 1881, Prodrömus, p. 430.

Cephalis large, hemispherical, with irregular square pores and thin bars. Thorax flatly conical, three to four times as broad as the cephalis, beyond the collar stricture expanded nearly discoidally, with a delicate network of small, subregular, hexagonal pores. (Similar in general form to *Sethophormis aurelia*, Pl. 55, fig. 3, but without any trace of collar beams or radial ribs.)

*Dimensions*.—Cephalis 0·04 long, 0·08 broad; thorax 0·04 long, 0·3 broad.

*Habitat*.—South Pacific, Station 289, surface.

Genus 575. *Sethocyrtis*,<sup>2</sup> n. gen.

*Definition*.—Sethocorida (vel Dicyrtida eradiata aperta) with ovate or subcylindrical thorax, the mouth of which is constricted, simple, without prominent hyaline peristome. Cephalis with an apical horn.

<sup>1</sup> *Sethocephalus* = Sieve-head; σήθω, κεφαλή.

<sup>2</sup> *Sethocyrtis* = Sieve-basket; σήθω, κυρτίς.