

genital ring; tail unjointed and hidden under the genital ring; fourth pair of feet small, the basal joint not alæform; first three pairs of feet rudimentary, consisting only of plumose setæ.

*Echthrogaleus affinis*, M.-Edwards.

A single specimen of this species was found, but the name of the locality has unfortunately been lost.

*Pandarus*, Leach.

Body broadest in front. Cephalothorax four-jointed; first segment very large, second short, and having alæform lateral processes; third and fourth simple and bilobate. Abdomen two- or three-jointed, rounded behind; caudal stylets borne on the side of the abdomen, acute, styliform, non-setiferous. Eyes two. Four pairs of swimming feet, all two-branched, the fourth pair rudimentary. Sucking discs two (or three) pairs—two pairs on the sides of the carapace, and one at base of second antenna (Dana).

1. *Pandarus cranchii*, Leach (*vide* Steenstrup and Lütken).

*Pandarus cranchii*, Steenstr. and Ltk., Bidrag til Kundskab om det aabne Havns Snyltekrebs og Lernæer, p. 50, Tab. xi. fig. 22.

„ *carchariæ* (Leach?), Burmeister, Neuen oder weniger bekannten Schmarotzerkrebse, p. 273, pl. xxv.

! „ *armatus*, Heller, Crustacea Novara Exped., p. 202, Tab. xix. fig. 4.

? „ *concinus*, Dana, Crust. U. S. Expl. Exped. (1852), p. 1366, pl. xcv. fig. 1.

A large number of specimens found parasitic on *Carcharias brachyurus*, between Papua and Japan, and off the Kermadec Islands.

The form and proportions of this animal seem to be subject to a good deal of variation, dependent perhaps upon the age of the specimen; the length and shape of the posterior abdominal segment and caudal stylets are especially variable; and amongst the Challenger specimens are many which I cannot distinguish from Dana's *Pandarus concinnus*. These, however, are lighter in colour, without the conspicuous brown or black blotches of the typical form, somewhat smaller (?), and altogether so different in appearance under the low magnifying power of a hand lens, that I at first set them aside as belonging to a distinct species. This, however, I believe to have been an error; and as Heller's figures of *Pandarus armatus* very closely agree with the "*concinus*" form, I am disposed to think that this also may fairly be taken as a synonym.

Heller observes that the male of *Pandarus armatus* is unknown, but that *Nogagus*