

1. *Argillæcia eburnea*, n. sp. (Pl. IV. figs. 1-15).

Shell oblong, compressed, subreniform, height less than half the length; seen from the side the anterior extremity is obliquely rounded; posterior produced, and subacute at the ventral angle; dorsal margin boldly arched, highest in the middle, sloping, with a gentle curve forwards, and steeply backwards, as far as the ventral angle; ventral margin rather deeply sinuated in the middle; seen from above, compressed ovate, widest near the middle, acuminate in front, rounded behind, width equal to the height; end view nearly circular. Surface of the shell perfectly smooth. Length, 1-32d of an inch (.77 mm.).

*Argillæcia eburnea*, occurred plentifully in two dredgings from Kerguelen Island,—Balfour Bay, 20 to 50 fathoms, and off Christmas Harbour, 120 fathoms; also in lat. 35° 39' S., long. 50° 47' W., 1900 fathoms (Station 323).

[Pl. IV. figs. 1-15. Fig. 1, shell of male seen from left side; fig. 2, from above; fig. 3, from below; fig. 4, from front; fig. 5, anterior antenna; fig. 6, posterior antenna; fig. 7, mandible and palp; fig. 8, first maxilla; fig. 9, second maxilla (male); fig. 10, first foot; fig. 11, second foot (male); fig. 12, second foot (female); fig. 13, abdomen and postabdominal ramus; fig. 14, copulative organs of male; fig. 15, muscle spots. The figures of the shell magnified 50 diameters.]

2. *Argillæcia badia*, n. sp. (Pl. VI. fig. 3, *a-d*).

Shell minute, compressed, ovate; seen from the side, oblong, subovate, higher in front than behind, greatest height situated in the middle, and equal to half the length; anterior extremity broadly rounded, posterior depressed, obliquely rounded; dorsal margin moderately arched, ventral almost straight; seen from above, ovate, acuminate in front, rounded behind, greatest width in the middle, and equal to rather more than one-third of the length; end view subcircular. Surface of the shell perfectly smooth. Length, 1-62d of an inch (.4 mm.).

Dredged at Port Jackson, Australia, in 2 to 10 fathoms.

[Pl. VI. fig. 3, *a-d*. *a* Shell seen from left side, *b* from above, *c* from below, *d* from front, magnified 60 diameters.]

*Macrocypris*, G. S. Brady.

*Macrocypris*, Brady, Monog. Recent Brit. Ostrac., 1868.

*Bairdia* (in part), G. O. Sars, Oversigt af Norges marin. Ostr., 1865.

Carapace elongated, attenuated at the extremities; valves unequal, the right larger than the left, and overlapping dorsally; hinge-line flexuous. Surface of the shell smooth, polished, and destitute of hairs. Antennæ short and robust; the anterior seven-jointed, tapering to the apex, bearing numerous short setæ; posterior five-jointed.