

principal ribs at rather equal distances, the first forming the straightish dorsal line. In addition, towards the umbones, there is a slighter ridge in each space between the large ribs which soon becomes obsolete. Also near the ventral margin there are four or five obsolete ridges, which are chiefly indicated by that number of rows of moderately distant small scales. The scales on the principal costæ are very large, rather tubular and elevated.

Family AVICULIDÆ.

*Malleus*, Lamarck.

*Malleus albus*, Lamarck.

*Malleus albus*, Lamarck, Anim. sans vert., ed. 2, vol. vii. p. 91.

*Malleus albus*, Reeve, Conch. Icon., vol. xi. pl. i. fig. 1.

*Malleus albus*, Chenu, Man. Conch., vol. ii. fig. 815.

*Habitat.*—Cape York, in 3 to 12 fathoms.

This well-known shell has been recorded from Japan, China, and Philippine Islands, and probably has a still wider distribution in eastern seas.

*Avicula* (Klein), Bruguière.

*Avicula macroptera*, Lamarck.

*Avicula macroptera*, Lamarck, Anim. sans vert., ed. 2, vol. vii. p. 97.

*Avicula macroptera*, Reeve, Conch. Icon., vol. x. pl. ii. fig. 2.

*Avicula macroptera*, Dunker, Conch.-Cab., ed. 2, p. 22, pl. vii.

*Habitat.*—Station 186, off Cape York, North Australia, in 8 fathoms; coral mud.

This large species is also said to have been obtained at the Moluccas.

*Avicula* (*Meleagrina*) *muricata*, Reeve.

*Avicula muricata*, Reeve, Conch. Icon., vol. x. pl. vi. fig. 12.

*Avicula* (*Meleagrina*) *muricata*, Dunker, Conch.-Cab., ed. 2, p. 47, pl. xvi. fig. 2.

*Habitat.*—Station 187, near Cape York, North Australia, in 6 fathoms; coral mud.

All the Challenger specimens of this species are young shells. Reeve's figure was taken from a specimen which was to some extent broken on the posterior side, so that the sinus at the upper part appears too deep. A feature worth remarking is the fine radiate ridges on the anterior auricle.

*Avicula* (*Meleagrina*) *squamulosa*, Lamarck.

*Avicula squamulosa*, Lamarck, Anim. sans vert., ed. 2, vol. vii. p. 100.

*Avicula squamulosa*, d'Orbigny, Voy. dans l'Amér. Mérid., p. 658.

*Avicula squamulosa*, d'Orbigny, in Sagra's Hist. Cuba, Mollusques, vol. ii. p. 342.

*Habitat.*—Station 36, off Bermuda, in 30 fathoms; coral.