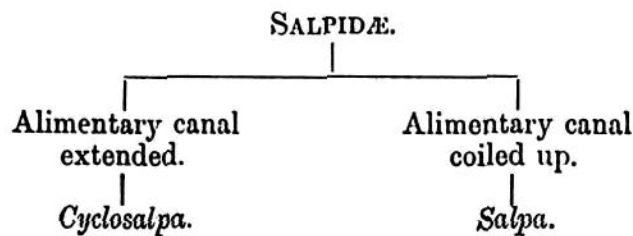


*Reproductive Organs* hermaphrodite, but the ova and spermatozoa are not mature at the same time.

*Gemmation* takes place; and alternation of generations occurs in the life-history.

This important family contains the well-known genus *Salpa* and its immediate allies. As it is the typical group of the Hemimyraria, its characters are mainly those of that suborder; and as they will be discussed under the heading of the genus *Salpa*, it is not necessary to notice them further here.

The family Salpidæ was formed by Professor Edward Forbes in 1853. It contains two genera—*Salpa*, Forskåhl, and *Cyclosalpa*, Blainville. They may be distinguished as follows:—



*Salpa*, Forskåhl.

*Holothuria*, Linn., Syst. Nat., ed. x., tom. i., p. 657, 1758.

*Dagysa*, Banks and Solander, Hawkesworth's Voyages, vol. ii. p. 2, 1773.

*Holothurium*, Pallas, Spicilegia Zoologica, p. 26, 1774.

*Salpa*, Forskåhl, Descrip. anim. &c., p. 112 (in part), 1775.

*Dagysa*, Gmelin, Linn., Syst. Nat., ed. xiii., 1788-91.

*Biphora*, Bruguière, Encycl. méth., tom. i., Paris, 1789.

*Thetys*, Tilesius, Abbild. und Beschr. &c., p. 150, 1802.

*Thalia*, Blumenbach, Abbild. naturhist. Gegenst., No. 30, 1810.

*Iasis*, Savigny, Mémoires, p. 235, 1816.

*Pegea*, Savigny, Mémoires, p. 235, 1816.

*Biphora*, Costa, Fauna del Regno di Napoli, p. 3.

*Biphora*, Sars, Bidrag til Sødyrenes Naturhistorie, p. 51, 1829.

*Pterolyra*, Lesson, Voy. de la Coquille, p. 378, 1830.

*Dubreullia*, Lesson, Voy. de la Coquille, p. 278, 1830.

*Pegea*, Macdonald, Trans. Linn. Soc. Lond., vol. xxiii. p. 371, 1862.

*Salpa*, Cuvier, Lamarck, Chamisso, Krohn, Huxley, Vogt, Todaro, Traustedt, and others (in part).

*Body* not attached, elongated, with the apertures at the opposite ends.

*Test* gelatinous or cartilaginous; transparent.

*Mantle* with muscle bands which are more or less incomplete ventrally.

*Branchial Sac* opening freely into the peribranchial cavity; no lateral walls.

*Dorsal Lamina* in the form of a vascular band marking the junction of branchial and atrial sacs.