

Class Hydrozoa (Prec-R) - enteron unpartitioned; mainly soft bodied polyps, polyp colonies or medusae; fewwith calcareous skeletons.

Class Scyphozoa (Prec-R) - enteron with four simple partitions; mainly soft bodied medusae.

Class Anthozoa (Prec-R) - enteron partitioned in series or cycles of 2, 4, 6 and 8, some with paired mesenteries; polypoid only; many with skeletons. Only subclass with important fossil orders listed.

Subclass Zoantharia (Camb-R) - enteron partitioned by paired mesenteries inserted serially or cyclically in 2, 4 or 6 positions; anemones and corals (only latter listed below). Order Rugosa (m. Ord-P) - solitary and colonial corals, usually with epitheca; major septa

inserted serially in quadrants; minor septa often present; calcitic skeleton.

Suborder Cystiphyllina (m.Ord-m.Dev) - septa weak or absent; horizontal tissue

either absent, simple tabulae or poorly differentiated vesicular tissue.

Suborder Stauriina (m.Ord-P) - septa generally well developed; tabulae and dissepiments usually clearly distinguished.

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Order Tabulata (I.Ord-P) - colonial corals, usually with epitheca; septa often spinose or

Order **Tabulata** (I.Ord-P) - colonial corals, usually with epitheca; septa often spinose o lacking; many with intercorallite communication; calcitic skeleton.

Suborder Lichenariina (Ord) - cerioid, fasciculate, incommunicate. Suborder Sarcinulida (m.Ord-m.Dev) - cerioid, coenenchymal, thick trabecular

walls, communicate.

Suborder Auloporina (m.Ord-P) - chains and bushes of small, conical to cylindrical corallities.

Suborder Syringoporina (m.Ord-P) - fasciculate, communicate,

Suborder Favositina (m.Ord-P) - cerioid, massive or branching, communicate.

Suborder Halysitina (m.Ord-u.Sil) - cateniform, incommunicate.

Suborder Heliolitina (m.Ord-m.Dev) - coenenchymal incommunicate.

Order Heterocorallia (Dev-Carb) - solitary corals; septa inserted by repeated division of peripheral ends of single protoseptum; calcitic skeleton; rare.

Order Scleractinia (m.Trias-R) - solitary and colonial corals; usually lacking an epitheca; septa inserted cyclically in sextants; aragonitic skeleton.

Subdivisions currently under review.







