

Genus 1. *Corallistes*, O. Schmidt.

*Corallistes*, O. Schmidt, Spong. Atlant. Gebiet., p. 22, 1870.

„ Zittel, Abhandl. d. k. baier. Akad. d. Wiss., Bd. i. p. 120, 1878.

Corallistidæ in which the ectosomal spicule is a dichotriæne, and the microsclere a spiraster. The pores and oscules are simple.

Type—*Corallistes typus*, O. Schmidt (p. 301).

Genus 2. *Macandrewia*, Gray.

*Macandrewia*, Gray, Proc. Zool. Soc. Lond., p. 438, 1859.

*Dactylocalyx (pars)*, Bowerbank, Proc. Zool. Soc. Lond., p. 86, 1869.

*Macandrewia*, Carter, Ann. and Mag. Nat. Hist., ser. 4, vol. xii. pp. 438, 441, 1873.

Corallistidæ in which the epirabd of the desma is smooth, zygoxis is chiefly terminal; the ectosomal spicules are phyllotriænes, and the microsclere a microrabd. The pores and oscules are simple.

Type—*Macandrewia azorica*, Gray (p. 340).

Genus 3. *Dædalopelta*, n. gen.

Corallistidæ in which the desma and discotriæne are similar to those of *Macandrewia* but the microscleres are spirasters.

Type—*Dædalopelta nodosa* (O. Schmidt) (p. 342).

Genus 4. *Heterophymia*, Pomel.

*Heterophymia*, Pomel, Pal. de l'Oran, p. 143, 1872.

„ Zittel, Abhandl. d. k. baier. Akad. d. Wiss., Bd. i. p. 121, 1878.

*Dactylocalyx (p.p.)*, Bowerbank, Proc. Zool. Soc. Lond., p. 85, 1869.

Corallistidæ with separate poriferous and oscular surfaces which are distinguished by different ectosomal spicules, dichotriænes occurring on the poriferous, and small, smooth, irregularly branched desmas on the oscular surface.

Type—*Heterophymia heteroformis* (Bowerbank) (p. 343).

Genus 5. *Callipelta*, n. gen.

Corallistidæ in which the ectosomal spicule has the form of a discotriæne, but the axis of a rhabdus. The microsclere is an amphiasster.

Type—*Callipelta ornata*, n. sp. (p. 309).