

[*Antipathes*] *lacerata*, Lamk.

*Antipathes lacerata*, Lamarck, Hist. nat. anim. sans vert., t. ii. p. 306; Milne-Edwards and Haime, Hist. nat. d. Coralliaires, t. i. p. 315; Dana, Zooph., p. 583.

*Antipathes lacera*, Lamouroux, Encyclop. méthod., p. 70; Polyp. flex., p. 377.

Lamarck's description is very short:—"A. caule ramoso, spinis echinato, ramis sarmentosis, tortuosis, sensim attenuatis; ramulis lateralibus, tenuibus sublaceratis." Habitat not ascertained, but Lamarck suggests that his specimen probably came from the Indian Ocean. Other authors copy Lamarck's description, and Lamouroux adds that the branches become intertwined as if for the purpose of support.

[*Antipathes*] *pectinata*, Lamk.

*Antipathes pectinata*, Lamarck, Hist. nat. anim. sans vert., t. ii. p. 306.

*Hyalopathes pectinata*, Milne-Edwards, Coralliaires, t. i. p. 323.

"A. in plano ramosa, flabellata, ramis compressis, pinnato pectinatis; ramulis filiformi-subulatis, subdivisis; spinis raris" (Lamk., *op. cit.*). Lamarck gives no locality. Milne-Edwards included this species in his genus *Hyalopathes*, characterised by having a vitreous instead of a horny axis, though on what grounds I am unable to say. The species has not been identified by subsequent investigators, and I am unable to offer an opinion on it.

[*Antipathes*] *americana*, Duch. and Mich.

*Antipathes americana*, Duchassaing and Michelotti, Mem. Acad. Torino, ser. 2, t. xix. p. 332.

"Simple, pinnée; les ramuscules sont très minces, et se dichotomisent assez souvent tout en conservant les mêmes dimensions. Axe noirâtre. Les ramuscules libres et non coalescent." The authors give no figure or further explanation.

*Habitat*.—St. Thomas.

[*Antipathes*] *taxiformis*, Duch.

*Antipathes taxiformis*, Duchassaing, Rev. d. Zooph. et Spong. d. Antilles, p. 22.

"Ramosa; ramis sparse pinnulatis, ac indè taxiformibus; pinnulis tenuissimè (oculo armato) echinulatis, nec nodoso-geniculatis."

In further explanation Duchassaing adds that the species is small, and its ultimate branches are disposed in a taxiform manner, the pinnules being scattered, and diminishing in length from below upwards, so that each small branch resembles a yew tree in miniature.

*Habitat*.—Off Island of Desirade (Lesser Antilles), in over 100 metres.