

III. Branching in a plane.

1. *Branches pinnate.*5. *A. pectinata.*6. *A. myriophylla.*7. *A. subpinnata.*8. *A. reticulata.*2. *Not pinnate.*9. *A. flabellum.*10. *A. ericoides.*

IV. Not branched in a plane.

11. *A. mimosella.*12. *A. pinnatifida.**13. *A. cupressus.*14. *A. pennacea.*15. *A. scoparia.*16. *A. foeniculum.*17. *A. corticata.*18. *A. lacerata.*19. *A. pyramidata.*20. *A. Boscii.*21. *A. alopecuroides.**22. *A. arborea.*I. *Caulibus simplicissimis.*

1. ANTIPATHES SPIRALIS.

A. simplicissima, subspiralis, polypis elongatè rostratis; axe corneo minutè spinuloso, spinulis confertis, aciculatis.

Quite simple, somewhat spirally twisted, polyps with a long beak; the minute spinules of the axis acicular and very numerous.

The Mediterranean, and Indian Ocean.

- Palmiuncus anguinus*, Rumphius, Amb. —, Esper, Pflanz. ii. 154, tab. 8; a copy of Ellis's figure.
 iv. 202, tab. 78, fig. C.
- Antipathes spiralis*, Pallas, Zooph. 217, —, Lamour. Pol. flex. 373; Exp. 31, No. 141. pl. 19, figs. 1-6; Encyc. 68.
- , Gmelin, Linn. 3795. —, Schweig. Handb. 432.
- , Ellis and Solander, 99, tab. 19, figs. 1-6. *Cirrhipates spiralis*, Blainv. Man. 512, pl. 88, fig. 2.

2. ANTIPATHES ANGUINA. (*Dana.*)

A. simplicissima, paulum spirali-flexuosa, polypis viridescentibus vix rostratis, tentaculis basi fuscis; axi corneo longè subarticulato, spinulis subremotis, compressis subacutis.