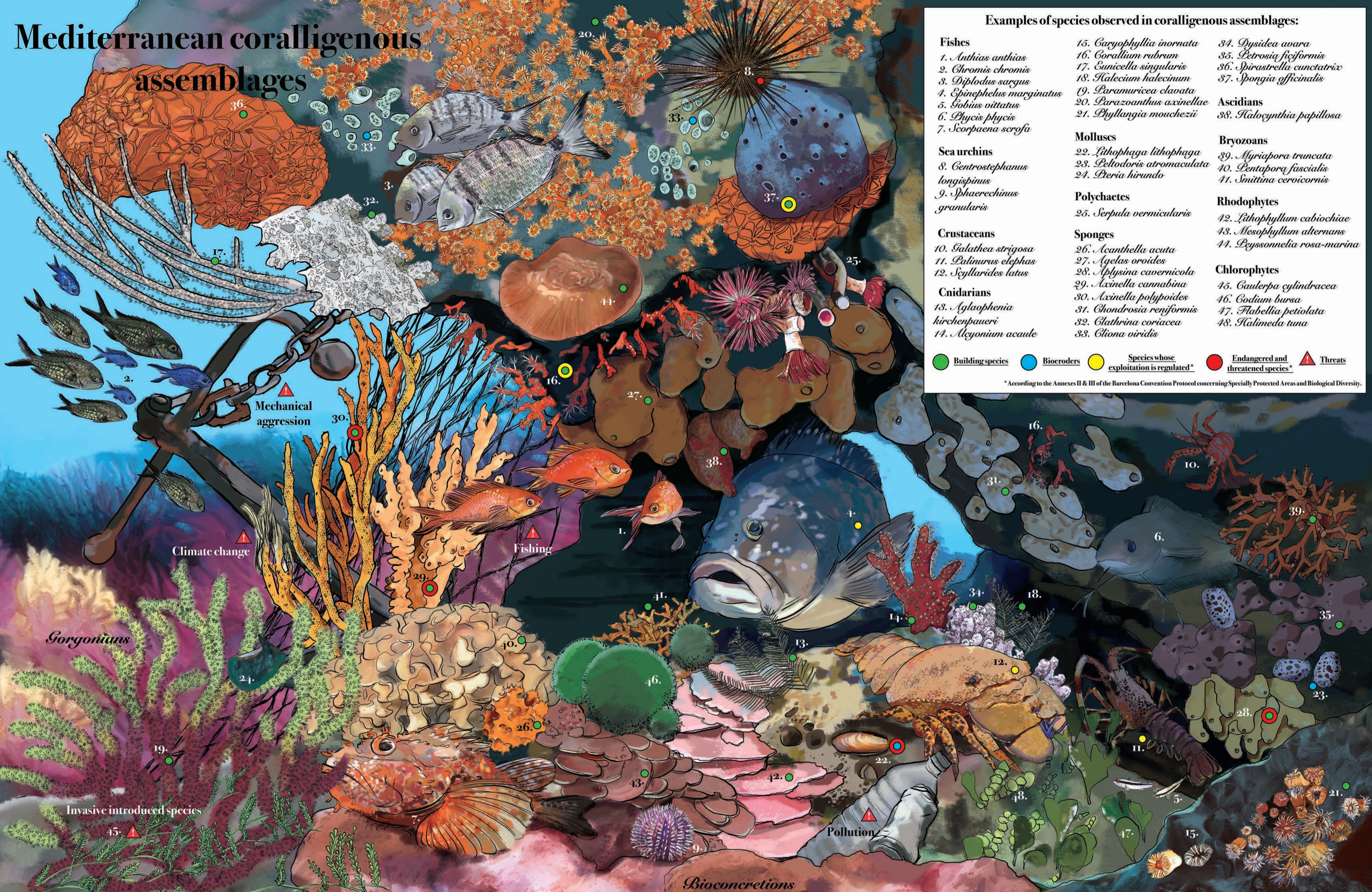


Mediterranean coralligenous assemblages



Examples of species observed in coralligenous assemblages:

Fishes

1. *Anthias anthias*
2. *Chromis chromis*
3. *Diplodus sargus*
4. *Epinephelus marginatus*
5. *Gobius vittatus*
6. *Phycis phycis*
7. *Scorpaena scrofa*

Sea urchins

8. *Centrostephanus longispinus*
9. *Sphaerechinus granularis*

Crustaceans

10. *Palathea strigosa*
11. *Palinurus elephas*
12. *Scyllarides latus*

Cnidarians

13. *Aglaophenia kirchenpaueri*
14. *Alcyonium acaule*

15. *Garyophyllia inornata*
16. *Corallium rubrum*
17. *Eunicella singularis*
18. *Halecium halecinum*
19. *Paramuricea clavata*
20. *Parazoanthus axinellae*
21. *Phyllangia mouchezii*

Molluscs

22. *Lithophaga lithophaga*
23. *Pelodoris atromaculata*
24. *Pteria hirundo*

Polychaetes

25. *Serpula vermicularis*

Sponges

26. *Acanthella acuta*
27. *Agelas oroides*
28. *Aplysina cavernicola*
29. *Axinella cannabina*
30. *Axinella polypoides*
31. *Chondrosia reniformis*
32. *Clathrina coriacea*
33. *Cliona viridis*

34. *Dysidea avara*
35. *Petrosia ficiformis*
36. *Spirastrella cunctatrix*
37. *Spongia officinalis*

Ascidians

38. *Halocynthia papillosa*

Bryozoans

39. *Myriapora truncata*
40. *Pentapora fascialis*
41. *Smittina cervicornis*

Rhodophytes

42. *Lithophyllum cabiochiae*
43. *Mesophyllum alternans*
44. *Peyssonelia rosa-marina*

Chlorophytes

45. *Gaultheria cylindracea*
46. *Codium bursa*
47. *Flabellia petiolata*
48. *Halimeda tuna*

● Building species
 ● Bioeroders
 ● Species whose exploitation is regulated*
 ● Endangered and threatened species*
 ▲ Threats

*According to the Annexes II & III of the Barcelona Convention Protocol concerning Specially Protected Areas and Biological Diversity.

Coralligenous concretions are the result of the building activities of various organisms, mainly calcareous algae, and the physical as well as biological eroding processes. They constitute a complex structure with many microhabitats, allowing the presence of assemblages adapted to very different environmental factors in a reduced space. The coralligenous assemblages are a hot spot of biodiversity in the Mediterranean where rare species and other ones of commercial interest live.

Drawn by Sofiya Voznaya.
 With participation of Joaquim Garrabou,
 Atef Ouerghi, Yassine Ramzi Sghaier and Dorra Maaoui.



© SPA/RAC, 2017
 The Mediterranean
 Biodiversity
 Centre