

# Monterey Bay Aquarium Kelp Forest Poster



## Monterey Bay Aquarium Kelp Forest "I Spy" Activity

Below is a list of some of the animals and plants that appear on our *Kelp Forest* poster designed by Larry Duke. Be a Kelp Forest Detective and see how many creatures of the forest you can spot or identify. You can use the online field guide on our web site to help identify many of them.

The poster key on page 3 shows all the creatures in the poster. Bring it with you on your next trip and see how many you can find in the Kelp Forest exhibit and the Kelp Lab on the second floor.

Kelp Forest Exhibit information and Online Field Guide: <http://www.montereybayaquarium.org/efc/kelp.asp>

[Bat star](#)

Knobby sea star

[Sheephead](#)

Blue [rockfish](#)

Lingcod

Solitary stalked tunicate

[Brandt's cormorant](#)

[Orange cup coral](#)

[Spiny brittle star](#)

Cobalt blue sponge

[Purple sea urchin](#)

[Sunflower star](#)

[Cabazon](#)

[Red abalone](#)

[Turban snail](#)

[Decorator crab](#)

[Sea cucumber](#)

[Western gull](#)

[Giant kelp](#)

[Sea lemon](#)

[Wolf-eel](#)

[Gumboot chiton](#)

[Sea otter](#)

[Harbor seal](#)

[Señorita](#)

[Hermit crab](#)

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**Tough Detective Work:** What other animals and plants did you find in this kelp forest community?

# KELP FOREST FIELD GUIDE



- |  |  |  |   |
|--|--|--|---|
| 1. Giant kelp<br><i>Macrocystis pyrifera</i>               | 17. Purple sea urchin<br><i>Strongylocentrotus purpuratus</i>                              | 28. Lined chiton<br><i>Tonicella lineata</i>               | 42. Sea lemon<br><i>Anisodoris nobilis</i>                      |
| 2. Sea otter<br><i>Enhydra lutris nereis</i>               | 18. Red sea urchin<br><i>Strongylocentrotus franciscanus</i>                               | 29. Gumboot chiton<br><i>Cryptochiton stelleri</i>         | 43. Strawberry anemone<br><i>Corynactis californica</i>         |
| 3. Brandt's cormorant<br><i>Phalacrocorax penicillatus</i> | 19. Sheephead<br><i>Semicossyphus pulcher</i>  | 30. Giant sea star<br><i>Pisaster giganteus</i>            | 44. Tube worm<br><i>Diopatra ornata</i>                         |
| 4. Western gull<br><i>Larus occidentalis</i>               | 20. Decorator crab<br><i>Loxorhynchus crispatus</i>  | 31. Cabezon<br><i>Scorpaenichthys marmoratus</i>           | 45. Bat star<br><i>Asterina miniata</i>                         |
| 5. Blue rockfish<br><i>Sebastes mystinus</i>               | 21. Kelp greenling<br><i>Hexagrammos decagrammus</i>                                       | 32. Yellow doriid nudibranch<br><i>Doriopsilla</i> sp.     | 46. Wolf-eel<br><i>Anarrhichthys ocellatus</i>                  |
| 6. Kelp rockfish<br><i>Sebastes atrovirens</i>             | 22. Hermit crab<br><i>Pagurus hemphilli</i>  | 33. Red algae<br><i>Chondracanthus corymbifera</i>         | 47. Sunflower star<br><i>Pycnopodia helianthoides</i>           |
| 7. Kelp surfperch<br><i>Brachyistius frenatus</i>          | 23. Understory kelp<br><i>Pterygophora californica</i>                                     | 34. Red algae<br><i>Rhodymenia</i> spp.                    | 48. Red anemone<br><i>Urticina crassicornis</i>                 |
| 8. Señorita<br><i>Oxydullus californica</i>                | 24. Articulated coralline algae<br><i>Bossiella</i> spp.                                   | 35. Red algae<br><i>Callophyllis</i> spp.                  | 49. Solitary stalked tunicate<br><i>Styela montereyensis</i>    |
| 9. Olive rockfish<br><i>Sebastes serranoides</i>           | 25. Red sea grape<br><i>Botryocladia pseudodichotoma</i>                                   | 36. Red algae<br><i>Fauchea</i> spp.                       | 50. Orange cup coral<br><i>Balanophyllia elegans</i>            |
| 10. Harbor seal<br><i>Phoca vitulina</i>                   | 26. Black & yellow rockfish<br><i>Sebastes chrysomelas</i>                                 | 37. Red turban snail<br><i>Lithopoma gibberosa</i>         | 51. Elegant eolid<br><i>Flabellinopsis iodinea</i>              |
| 11. Top snail<br><i>Calliostoma</i> spp.                   | 27. Encrusting coralline red algae<br><i>Lithothamnium</i> sp. or <i>Lithothamnium</i> sp. | 38. Sea cucumber<br><i>Parastichopus californicus</i>      | 52. Red abalone<br><i>Haliotis rufescens</i>                    |
| 12. Turban snail<br><i>Tegula</i> spp.                     |  | 39. Brown kelp<br><i>Desmarestia ligulata</i>              | 53. Scaled worm snail<br><i>Serpulorbis squamigerus</i>         |
| 13. Giant kelpfish<br><i>Heterostichus rostratus</i>       |  | 40. Lingcod<br><i>Ophiodon elongatus</i>                   | 54. Crab carapace from Red rock crab<br><i>Cancer productus</i> |
| 14. Kelp isopod<br><i>Ilolea</i> sp.                       |  | 41. Cobalt blue sponge<br><i>Hymenamiaphra cyanocrypta</i> |   |
| 15. Kelp crab<br><i>Pugettia producta</i>                  |  |  |   |
| 16. Spiny brittle star<br><i>Ophiothrix spiculata</i>      |  |  |   |



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