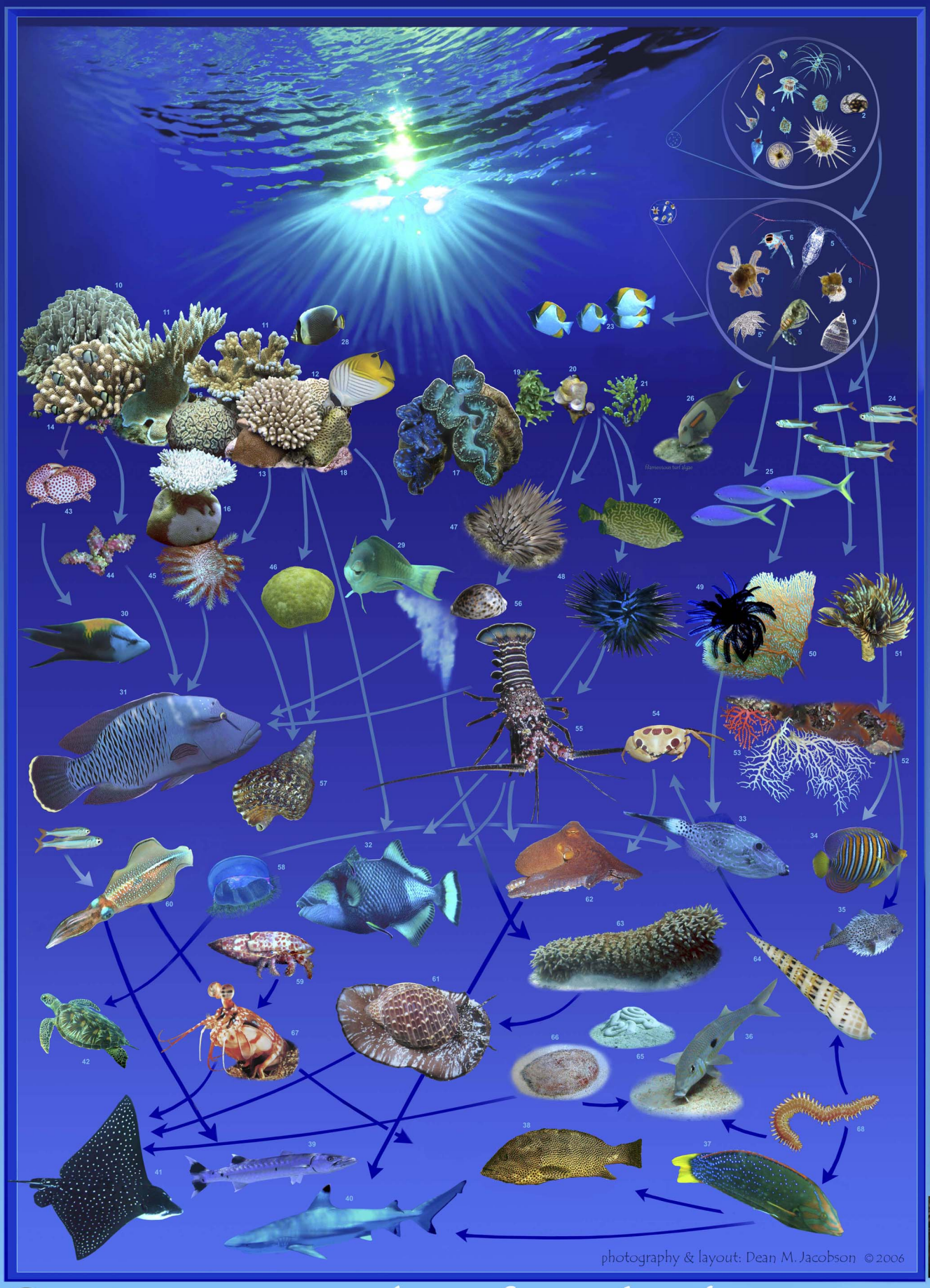
International Year of the Reef 2008



Phytoplankton
1. Diatom, *Chaetoceros sp.*
2. Foraminifera
3. Acantharian amoeba
4. Dinoflagellates

Zooplankton
5. Copepod
5.' Copepod nauplius larvae
6. Crab zoea larvae
7. Gastropod velliger larvae
8. Foraminifera
9. Radiolarian

Reef-building corals
10. Blue octocorals, *Heliopora coerula*
11. *Acropora sp.*
12. *Platygyra daedalea*
13. *Astreopora sp.* & *Pocillopora sp.*
14. *Pocillopora elegans*
15. *Lobophyllia corymbosa*
16. *Goniastrea sp.* & *Acropora sp.*

Macroalgae
18. Crustose coralline algae
19. *Dictyota sp.*
20. *Padina sp.*
21. *Halimeda sp.*

Fish
23. Pyramid butterflyfish
24. Blue sprat, "baitfish"
25. Yellowtail fusiliers
26. Surgeonfish
27. Scribbled rabbitfish
28. Reticulated & Threadfin butterflyfish
29. Steephead parrotfish
30. Slingjaw wrasse
31. Humphead Wrasse
32. Titan triggerfish
33. Scrawled filefish
34. Regal angelfish
35. Porcupine pufferfish
36. Yellowstripe goatfish
37. Yellowtail wrass
38. Redmouth grouper
39. Blackfin barracuda
40. Blacktip shark
41. Spotted eagle ray

Reptiles
42. Hawksbill sea turtle

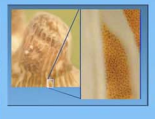
Other invertebrates
17. Giant Clam, *Tridacna sp.*
43. Crab, *Trapezia sp.*
44. Snail, *Drupella sp.*
45. Crown of thorns seastar, *Acanthaster planci*
46. Cushion star, *Culcita novaguinea*
47. Rock-burrowing urchin, *Echinometra sp.*
48. Diademnid urchin, *Echinothrix sp.*
49. Crinoid, *Comanthus sp.*
50. Gorgonian seafan, *Annella mollis*
51. "Featherduster" tubeworm, *Sabellid sp.*
52. Sponge, *Aplysilla sp.*
53. Lace coral, *Stylaster sp.*
54. Crab, *Carpilius maculatus*
55. Lobster, *Panulirus sp.*
56. Tiger Cowrie, *Cyprae tigris*
57. Triton trumpet, *Charonia tritonis*
58. Jellyfish, *Aurelia aurita*
59. Hermit crab
60. Reef Squid, *Sepioteuthis lessoniana*
61. Tun snail, *Tonna perdix*
62. Octopus, *Octopus cyanea*
63. Sea-cucumber, *Thelenota ananas*
64. Auger snail, *Terebra maculata*
65. Digested sediment from Peanut worm, *Echiuroid sp.*
66. Heart urchin
67. Mantis shrimp
68. Annelid worm, *Pherecarida sp.*

Coral Reef Food Web

Zooanthellae are tiny single-celled algae that live inside of corals and clams.

These algae provide ~ 70% of the food for these animals.

Zooanthellae form the base of the coral reef food web.



Tiny polyp of a table coral with millions of zooanthellae living within the coral host tissue.

Poster adapted for CNMI by: Fran Castro, Peter Houk, Greg Moretti, Lihla Noori, and John Starmer. Select photos courtesy of John P. Hoover. Printing funded by NOAA Coral Reef Initiative Program. For more information on CNMI coral reefs: www.cnmicoralreef.net

Marshall Islands Conservation Society