Section 5

MY OCEAN JOURNAL

Keep the fire burning! Start a journal of your great ideas, noble plans, and good deeds for the ocean’s cause.
1. The ocean covers what percentage of the Earth's surface?
   a) 29%  b) 50%  c) 71%

2. What are the four main oceans of the world?

3. What is the world's biggest ocean?

4. What is the world's smallest ocean?

5. How many mangrove species does the Philippines have?
   a) 12  b) 40  d) 97

6. What is coastal resource management?

7. What are protected seascapes?

8. Which Philippine island supports the largest concentration of migratory birds?

9. What is the largest coral reef in the Philippines?

10. How many islands comprise the Turtle Islands? How many in the Philippines?

11. Ninety percent of coral reef formation in the Philippines occurs at what depths?

12. How deep is the Philippine Trench?

13. What is the major cause of local extinction of sea turtles?

14. What is the only remaining herbivorous sea mammal in the world? How much seagrass does it consume per day?

15. What are the two major causes of the rapid decline of the dugong population in the Philippines?

16. How many species of clams do we have in the world? How many in the Philippines?

17. What is the most widely distributed turtle species in the world?

18. What makes Planet Earth unique among all planets in the solar system?

19. What is the key climate regulator of global climate?

20. How much water does the ocean contain? How much of it is fresh water?

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**Answers**

1. 71 percent
2. Pacific, Atlantic, Indian, Arctic
3. Pacific Ocean
4. Arctic Ocean
5. 97
6. Coastal resource management is the process of planning, implementing and monitoring beneficial and sustainable uses of coastal resources through development, conservation and management.
7. Protected seascapes are those coastal and marine areas set aside by reason of their unique physical and biological significance, managed to enhance biological diversity, and protected against destructive human exploitation.
8. Olango Island
9. Tubbataha Reefs
10. Nine islands, six in the Philippines
11. Less than 20 meters
12. 10,000 meters
13. Mass harvesting of turtle eggs
14. Dugong; 25kg
15. Loss of seagrass habitat and incidental catches
16. Nine species, seven can be found in the Philippines
17. Green turtle
18. The ocean
19. The ocean
20. 1.5 quintillion (1,500,000,000,000,000,000) tons; one percent
Kapitan Barongoy: Winged Guardian Of The Sea

Who is Kapitan Barongoy?

Kapitan Barongoy is a flying fish. His “wings” are really huge fins that give him the ability to fly over the sea surface. Traveling long distances under the sea, he is an eyewitness to the distressing and often calamitous effects of garbage and pollution on the marine environment. Leaping off and skimming the surface of the sea, he is able to see the cause of the problem: Garbage, garbage everywhere, and people throwing trash anywhere they please, unaware of (or simply indifferent to) the damage they cause. In this book, Kapitan Barongoy tells us that the fishes’ garbage problem is also our problem, and that we must all work together to solve it, before it’s too late.

The Visayan term “barongoy” is commonly used to refer to Cypselurus oligolepsis, a species of flying fish which is also known by various names (balang, bolador, iliw, iliu, isdang lawin, lawin (Tag.); ili, siliu (Tag., Bikol); bingki (Maranao, Samal, Tausug); borador, tirong (Ilokano); antulihan, eliw, bangsi (Vis.). But because C. oligolepsis has become quite scarce, this book uses the name “barongoy” to refer to C. opisthopus, another flying fish species that is sold fresh or dried as a food fish in local wet markets. (Ref: Guide to Philippine Flora and Fauna: Fishes, vol. IX, by Patricia V. Conlu, Natural Resources Management Center and University of the Philippines, 1986)
STOP! ONE THOUGHTLESS ACTION IS ALL IT TAKES TO CAUSE HARM TO OUR COASTAL ECOSYSTEM AND EVERYTHING AND EVERYONE THAT DEPEND ON IT (INCLUDING US!!)
COLOR ME

HOW WOULD YOU FEEL IF YOUR NEIGHBORS DUMPED THEIR GARBAGE IN YOUR YARD?
STOP THAT TRASH BEFORE IT LEARNS TO SWIM!
HELP KEEP OUR COASTAL WATERS CLEAN. NOW.
WHERE TO FIND MORE INFORMATION

Dugongs of the Philippines: A Report of the Joint Research and Conservation Program, Pawikan Conservation Project-Protected Areas and Wildlife Bureau, Department of Environment and Natural Resources. May 1995


Save Our Coral Reefs by Don E. McAllister and Alejandro Ansula, Haribon Foundation for Conservation of Natural Resources and Ocean Voice International, Ottawa, Ontario, Canada. 1993


The Illustrated World of Oceans by Susan Wells, Simon & Schuster. 1991

The Kingfisher Book of Oceans by David Lambert, Kingfisher. 1997

The Ocean: Consider the Connections, Center for Environmental Education, 624 9th Street, NW, Washington, D.C. 1985

The following books and reference materials are available at the Coastal Resource Management Project’s reference library, 5/F CIFC Towers, cor. J. Luna & Humabon Sts, North Reclamation Area, Cebu City 6000, Philippines, or at the International Center for Living Aquatic Resources Management, P.O. Box 1501, Makati City 1299, Philippines.

Abandoned Seas: Reversing the Decline of the Oceans by Peter Webber, Worldwatch Paper 116. 1993


Coral Reefs: Valuable Resources of Southeast Asia by Alan T. White, Association of Southeast Asian Nations/United States Coastal Resources Project Education Series, International Center for Living Aquatic Resources Management. 1987
Field Guide to the Common Mangroves, Seagrasses and Algae of the Philippines by Hilconida P. Calumpong and Hernani G. Mendez, Bookmark Inc. 1997


Seagrasses: A Resource Unknown in the ASEAN Region by Miguel D. Fortes, Association of Southeast Asian Nations/United States Coastal Resources Management Project Education Series 6, International Center for Living Aquatic Resources Management. 1990

Silliman Journal Special Issue on Tubbataha Reefs National Marine Park, Vol. 36 No.2, Second Quarter 1993


Sustainable Development of Coastal and Ocean Areas in Southeast Asia: Post-Rio Perspectives edited by KL Koh, RC Beckman and Chia Lin Sien, National University of Singapore. 1995

Tales from Tubbataha: National History, Resource Use, and Conservation of the Tubbataha Reefs, Palawan, Philippines by Yasmin Arquiza and Alan T. White, Bandillo ng Pilipinas Foundation Inc. 1994