



Preserving Selected Specimens.



Using Organized Collections for Study.

3. Fish and Shellfish of the South Atlantic and Gulf Coast, U. S. Dept. of the Interior, Conservation Bulletin 37
4. The Sponge Industry of Florida Marine Laboratory, University of Miami, Coral Gables, 1949
5. The Commercial Shrimp Industry of Florida Marine Laboratory, University of Miami, Coral Gables, 1950
6. The Biscayne Bay Commercial Fishery, Marine Laboratory, University of Miami, Coral Gables, 1953
7. Oyster Culture in Florida Marine Laboratory, University of Miami, Coral Gables, 1949
8. The Red Tide Marine Laboratory, University of Miami, Coral Gables, 1949
9. Florida Game and Commercial Marine Fishes Marine Laboratory, University of Miami, Coral Gables, 1949
10. Investigations on the Florida Spiny Lobster Marine Laboratory, University of Miami, Coral Gables, 1951
11. How Can Statistics Increase the Catch? Marine Laboratory, University of Miami, Coral Gables, 1949
12. Fishing Statistics of the United States Fish and Wildlife Service U. S. Dept. of the Interior, Statistical Digest, Nos. 1, 4, 7, 11, 18, 19, 25, 30
13. Fisheries of the United States and Alaska, Annual Summary Fish and Wildlife Service, U. S. Dept. of the Interior, C.F.S. Nos. 841, 915, 1050
14. Fishery Resources of the United States, Senate Document No. 51 U. S. Gov't Printing Office, Washington, D. C.
15. Eighth Biennial Report Florida State Board of Conservation, Tallahassee, Florida.
16. Tenth Biennial Report Florida State Board of Conservation, Tallahassee, Florida
17. Florida, the Fisherman's Paradise Florida State Board of Conservation, Tallahassee, Florida
18. Commercial Investigations in Fisheries Biology Marine Laboratory, University of Miami, Coral Gables, 1950
19. Stop Netting on the West Coast of Florida Marine Laboratory, University of Miami, Coral Gables. 1949
20. Shrimp, New Fishery in Southern Florida, Florida State Board of Conservation, Tallahassee, Florida, 1950

#### Books Used

1. Manual of the Common Invertebrate Animals, Henry Sherring Pratt, P. Blakistons Sons & Co., Inc., Philadelphia, Pa. 1935
2. North American Game Fishes, Francesca La Monte, Doubleday & Co., Inc., Garden City, N. Y., 1946
3. Field Book of Marine Fishes of the Atlantic Coast, Charles M. Breder, Jr., G. P. Putnam's Sons, New York, 1929
4. The Sea Beach at Ebb Tide, Augusta Foote Arnold, D. Appleton Century Co., Inc., New York, 1940
5. Animals Without Backbones, Ralph Buchsbaum, U. of Chicago Press, Chicago, 1943
6. Wonder Creatures of the Sea, A. Hyatt Verrill, D. Appleton-Century Co., Inc., New York, 1940
7. The Biology of Fishes, Harry M. Kyle, Sedgwick & Jackson, Ltd., London, 1926
8. Florida Sea Shells, Bertha Aldrich and Ethel Snyder, Houghton Mifflin Co., New York, 1936

## Books for Biologists

HARE, RONALD. *Pomp and Pestilence*. The Philosophical Library, Inc., New York 16, N. Y. 224 pp., 1955, \$5.75

This is a popular book, clear and lucid and highly readable; its subject is of universal interest and ranges from descriptions of the great epidemics and pandemics of the past—smallpox, bubonic plague, cholera, typhus—to the less horrifying but equally deadly modern pandemic of influenza. The author considers the origin and native parasitism and follows the spread of infectious diseases over the world throughout the period of history.

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attention of the students along the way. At the Dunes, the sand succession was described and demonstrated. In the afternoon a different type of vegetation was observed during a trip through the swamp. A trip through the pinery gave an opportunity to discuss relict vegetation. The blowout was used to show and discuss the action of a moving dune.

Tuesday afternoon was spent in a discussion of insects and reptiles in their relation to man. Suggestions were made regarding collections and how to keep these forms alive in the laboratory.

Wednesday morning the group left for the Starved Rock area along the Illinois River. Again physiographical and biological phenomena were discussed as they presented themselves along the way. A stop was made at a strip coal mine near Morris. Here the slag pile yielded a number of plant fossils, and opportunity was given to observe a clay-gravel succession with its poplars, black locusts, and white sweet clover.

In addition to Starved Rock, Bailey Falls and Matthieson State Park were visited. The former is a natural falls formed by Bailey Creek as it cuts its way down to the Vermilion River through limestone. Matthieson State Park is an example of a canyon formed in the St. Peter sandstone.

Thursday was spent in studying the nearby shore of glacial Lake Chicago and the famed Oak Park spit which serves as a watershed between the Mississippi drainage basin and the Great Lakes drainage basin. This spit, located only a few blocks from the college, is one of the lowest divides in the world.

Friday morning was spent in a study of a nearby railroad track to demonstrate the wide variety of wild flowers brought in by trains. About a half mile of track was covered, and in that area 102 varieties of wild flowers were identified.

In addition to participating in the program outlined above, each student was required to prepare and carry out a project. Several students carried out soil testing projects. A number of students made rock collections, leaf collections, and weed collections. Another project was the development of a self-guiding nature trail. Several students set up and maintained classroom aquaria, drawing descriptive posters for use in the classroom.



Studying vegetation on the canyon wall.

Both camping experiences proved to be unusually rich and worthwhile. It is planned to repeat the program again next year.

## BOOKS FOR BIOLOGISTS

(Continued from page 253)

STORER, JOHN H. *The Web of Life*. Devin-Adair Company, New York. 144 pp. 1954, \$3.00

The *Web of Life* will reveal to you how the natural world operates, without benefit of man and his machines. It will show you the natural community in action, with all its parts functioning. It is essential reading for everyone interested in conservation and natural history, and in the wise use of our soil, water, forests and wildlife.

NICOLA, ETHEL AND WITTE, D. *The Rabbit With A High I.Q.* Teachers College, Columbia University, New York. 30 pp., 1955, \$0.40

This little booklet will tell you what to do if you have a "rabbit" with a high I. Q.

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**BOOKS FOR BIOLOGISTS**

(Continued from page 269)

SAUNDERS, H. N. *The Teaching of General Science in Tropical Secondary Schools*. Oxford University Press, New York, 375 pp. 1955, \$2.00

Although this book is intended to give particular help to the teachers of science in tropical secondary schools, it should interest teachers and teachers-in-training in temperate and torrid zones as well. The author of this book discusses the selection of subject matter, the arrangement of the syllabus, various approaches to science teacher-pupil difficulties, evaluation of the results, and laboratories and their equipment. Contributing to the usefulness of the book are the appendixes which contain a great deal of everyday information.