



## ATLANTIC COASTAL ZONE

"The Wildlife Wetlands and Shellfish Areas of the Atlantic Coastal Zone," by George P. Spinner, Folio 18, Serial Atlas of the Marine Environment, 4 pages of text and 12 color plates, \$12. "A Plan for the Marine Resources of the Atlantic Coastal Zone," \$4. Order from the American Geographical Society, Broadway at 156th Street, New York, N. Y. 10032.

The folio summarizes a 3-year study of the marine resources of the Atlantic coast. Data on finfish, shellfish, and wildlife were collected from all available sources. All land-use planning reports and recreation and water-resource development plans on all levels of government were examined to ascertain their probable effects on marine resources.

The 12 maps show the two most reliable indicators of value uncovered: the ownership, or proposed acquisition, of coastal salt marshes by government conservation agencies, and the location of important shellfish beds. Salt marshes believed to be of value for fish and wildlife conservation purposes, but still vulnerable to destruction, also are shown. The maps depict a proposed zoning of the coastal zone from the standpoint of conservation of marine resources.

The book, in conjunction with the folio, gives the opinions of Mr. Spinner and members of his marine resources committee on preserving the remaining wetlands of the Atlantic coastal zone. It includes descriptions of present and proposed preservation programs, examines the economic value, legal aspects, and competing uses of the coastal area, and outlines program goals. It is a plea both for prompt action and for meaningful and effective cooperation by all who share responsibility for the wetlands. This book should generate much discussion, a major purpose of its publication.

## BIOLOGY

"Development of Fishes of the Chesapeake Bay Region: An Atlas of Egg, Larval, and Juvenile States: Part I," by Alice J. Mansueti and Jerry D. Hardy Jr., edited by Earl E. Deubler Jr., University of Maryland, Natural Resources Institute, 1967, 202 pp., illus.

Knowledge of early developmental stages of fishes is fundamental to proper understanding of many aspects of fishery biology and ichthyology. However, the eggs, larvae, and juveniles of many species are unknown and undescribed. This book is intended to be an illustrated work manual for biologists in identifying early developmental stages.

It summarizes information on early stages of 45 species from 14 families--sturgeon, gar, bowfin, tarpon, bonefish, herrings, anchovies, mud-minnow, pikes, lizardfishes, minnows, suckers, sea catfishes and catfishes. Although morphological descriptions of early developmental stages are emphasized, descriptions of adults and comments on distribution, ecology and spawning have been included.

## EELS

"The Eel Fisheries of Eastern Canada," by J. G. Eales, Bulletin No. 166, Fisheries Research Board of Canada, 1969, 79 pp., illus., \$1.75. Order from Queen's Printer, Ottawa, Canada, Cat. No. Fs 94-166.

This bulletin gives the results of a survey of eel fishing in Canada made in summers of 1965 and 1966. The survey was made to describe various methods of capture and to assess the exploitation of eels. Mr. Eales includes a general description of the biology, distribution, and life history of the American eel, *Anguilla restrata*, fishing techniques, optimum times of fishing, and methods for holding, transporting, and processing.