

Activities Associated with the

DEDICATION

of the new physical plant

VIRGINIA FISHERIES LABORATORY

sponsored by

College of William and Mary

and the

Commission of Fisheries

Gloucester Point, Virginia

Nineteen Hundred and Fifty



Thursday, October Twelfth

Dedication 2:00 p. m.

Open House 2:30-5:00 p. m.

A program primarily for the interest of the people of Virginia

October Thirteenth and Fourteenth

Symposium on Estuarine Ecology and Meeting of the Atlantic Estuarine Research Society

*A gathering of scientists to sound the keynote for
future research at the Laboratory.*

OCTOBER TWELFTH

DEDICATION

2:00 P. M.

Presiding Charles M. Lankford, Jr.
Commissioner of Fisheries
John E. Pomfret, President,
College of William and Mary

Introductory Statement Nelson Marshall, Director

Representing the Governor of Virginia.....W. Marvin Minter
Member of the Virginia Senate

OPEN HOUSE

2:30-5:00 P. M.

The research and educational facilities are on display for your benefit at this time. Touring the plant in the direction suggested you will see, among other things:

- 1. Outdoor Exhibit and Experimental Pools
- 2. Exhibit Room, first floor
- 3. Main Laboratory, second floor
- 4. Constant Temperature Laboratory, second floor
- 5. Hydrographic Laboratory, second floor
- 6. Library, second floor
- 7. Dormitories, second floor
- 8. Multi-use Laboratory, first floor

Refreshments are served in this first floor Laboratory

- 9. Shop Building, shore end of pier
- 10. U. S. Coast and Geodetic Survey Tide Gage Station, end of pier
- 11. Research Vessel *Virginia Lee*, end of pier
- 12. Research Vessel *Maury* of the Chesapeake Bay Institute, end of pier

We hope you will ask questions of the staff members and others who are distributed about to be of service to you and may be identified by their lapel markers.

OCTOBER THIRTEENTH

SYMPOSIUM ON ESTUARINE ECOLOGY

sponsored by the

Atlantic Estuarine Research Society

Chairmen: R. E. Coker, University of North Carolina
Waldo L. Schmitt, U. S. National Museum

9:30-12:30 Morning Session

The Hydrography of Estuaries Alfred C. Redfield
Woods Hole Oceanographic Institution

On the Ecology of Some Estuarine Pelecypods with Especial Reference to the Oyster
— Thurlow C. Nelson
Rutgers University

The Physiological Problems in Estuarine Ecology Paul S. Galtsoff
U. S. Fish and Wildlife Service

2:30-5:30 Afternoon Session

The Role of Bacteria in Estuarine Ecology Harold J. Humm
Florida State University Marine Laboratory

Population Dynamics in Estuaries A. G. Huntsman
Fisheries Research Board of Canada

Fishery Products of Estuaries R. V. Truitt
Maryland Department of Research and Education

OCTOBER THIRTEENTH

OUTDOOR SEAFOOD SUPPER 6:00 P. M.

MEETING ATLANTIC ESTUARINE RESEARCH SOCIETY

8:00 P. M.
Business Meeting

8:15 P. M.
The Tidal Flushing of Estuaries Bostwick Ketchum
Woods Hole Oceanographic Institution

OCTOBER FOURTEENTH

MEETING ATLANTIC ESTUARINE RESEARCH SOCIETY

9:30 A. M.
Comparison of Seasonal Patterns of Oyster Setting in Chesapeake Bay—
— Jay D. Andrews
Virginia Fisheries Laboratory

A Biological Study of Oyster Seed Production in Eastern Bay, a Tributary of Chesapeake Bay — James B. Engle
U. S. Fish and Wildlife Service

Summary of the Hudson River Shad Survey G. B. Talbot
U. S. Fish and Wildlife Service

Dynamics of Estuarine Circulation Donald W. Pritchard
Chesapeake Bay Institute

Relationship of Inland Areas to Estuarine Conditions Harold J. Elser
Maryland Department of Research and Education

Notes on the Growth and Movements of Clams A. F. Chestnut
Institute of Fisheries Research, University of North Carolina

VIRGINIA FISHERIES LABORATORY

The Virginia Fisheries Laboratory is an organization for research and educational activities relative to the fisheries. Many and diverse phases of research in marine biology are within the scope of the Laboratory's interest. Studies are conducted on distribution, variation in abundance, rate of growth, reproductive habits, interspecific relationships, and the dynamics of production.

BOARD OF ADMINISTRATION

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Charles M. Lankford, Jr., Commissioner of Fisheries
* Head, Department of Biology, College of William and Mary
James B. Martin, Associate Commissioner of Fisheries
Nelson Marshall, Secretary

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William R. Beck, B. A., Graduate Assistant
Ernest C. Ladd, B. S., Graduate Assistant
William P. Rowe, Maintenance Engineer
Edward T. Jenkins, Custodian

Associated faculty members in Biology and Chemistry
at the College of William and Mary

* Temporarily filled by Nelson Marshall serving in the capacity Acting Chairman,
Department of Biology

CHESAPEAKE BAY INSTITUTE

The entire program of the Virginia Fisheries Laboratory is closely integrated with the hydrographic studies of the Chesapeake Bay Institute which is operated by The Johns Hopkins University and is sponsored by the Maryland Department of Research and Education, the Office of Naval Research, and the Virginia Fisheries Laboratory.

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* Members of the Executive Committee.