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. Fonfre, 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 Ponds
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. Darmouth, 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 Henry 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 Pelagic Fish with Special Reference to the Oyster
Thurlow C. Nelson
Rutgers University

The Physiological Problems in Estuarine Ecology
Paul S. Galusha
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. Hastman
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. Eagle
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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* Head, Department of Biology, College of William and Mary
James B. Martin, Associate Commissioner of Fisheries
Nelson Marshall, Secretary

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Associate 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.