

# THE BIOLOGICAL BULLETIN

PUBLISHED BY  
THE MARINE BIOLOGICAL LABORATORY

## Editorial Board

E. G. CONKLIN, Princeton University  
E. N. HARVEY, Princeton University  
SELIG HECHT, Columbia University  
LEIGH HOADLEY, Harvard University  
L. IRVING, Swarthmore College  
M. H. JACOBS, University of Pennsylvania  
H. S. JENNINGS, Johns Hopkins University

FRANK R. LILLIE, University of Chicago  
CARL R. MOORE, University of Chicago  
GEORGE T. MOORE, Missouri Botanical Garden  
G. H. PARKER, Harvard University  
A. C. REDFIELD, Harvard University  
F. SCHRADER, Columbia University  
DOUGLAS WHITAKER, Stanford University

H. B. STEINBACH, Washington University  
*Managing Editor*

THE LIBRARY OF THE  
VOLUME 90 JUL 22 1946  
FEBRUARY TO JUNE, 1946  
UNIVERSITY OF ILLINOIS

Printed and Issued by  
LANCASTER PRESS, Inc.  
PRINCE & LEMON STS.  
LANCASTER, PA.

THE BIOLOGICAL BULLETIN is issued six times a year at the Lancaster Press, Inc., Prince and Lemon Streets, Lancaster, Pennsylvania.

Subscriptions and similar matter should be addressed to The Biological Bulletin, Marine Biological Laboratory, Woods Hole, Massachusetts. Agent for Great Britain: Wheldon and Wesley, Limited, 2, 3 and 4 Arthur Street, New Oxford Street, London, W. C. 2. Single numbers, \$1.75. Subscription per volume (three issues), \$4.50.

Communications relative to manuscripts should be sent to the Managing Editor, Marine Biological Laboratory, Woods Hole, Massachusetts, between July 1 and September 1, and to the Department of Zoology, Washington University, St. Louis, Missouri, during the remainder of the year.

Entered as second-class matter May 17, 1930, at the post office at Lancaster, Pa., under the Act of August 24, 1912.

---

LANCASTER PRESS, INC., LANCASTER, PA.

**THOMAS HUNT MORGAN**

**SEPTEMBER 25, 1866—DECEMBER 4, 1945**

**Member of the Editorial Board**

**1902—1945**