THE VELIGER is open to original papers pertaining to any problem concerned with mollusks from the Pacific Region.

This is meant to make facilities available for publication of articles from a wide field of endeavor. Papers dealing with ecological, morphological, anatomical, physiological, distributional, taxonomic, etc. aspects of marine, fresh water or terrestial mollusks from any region bordering on or situated within the Pacific Ocean, will be considered. Even topics only indirectly concerned with mollusks may be acceptable.

It is the editorial policy to preserve the individualistic writing style of the author; therefore any editorial changes in a manuscript will be submitted to the author for his approval, before going to press.

Short articles containing descriptions of new species or lesser taxa will be given preferential treatment in the speed of publication provided that arrangements have been made by the author for depositing the holotype with a recognized public Museum. Museum numbers of the type specimens must be included in the manuscript. Type localities must be defined as accurately as possible, with geographical longitudes and latitudes added.

Short original papers, not exceeding 500 words, will be published in the column "NOTES & NEWS"; in this column will also appear notices of meetings of the American Malacological Union, as well as news items which are deemed of interest to our subscribers in general. Articles on "METHODS & TECHNIQUES" will be considered for publication in another column, provided that the information is complete and techniques and methods are capable of duplication by anyone carefully following the description given. Such articles should be mainly original and deal with collecting, preparing, maintaining, studying, photographing, etc., of mollusks or other invertebrates. A third column, entitled "INFORMATION DESK," will contain articles dealing with any problem pertaining to collecting, identifying, etc., in short, problems encountered by our readers. In contrast to other contributions, articles in this column do not necessarily contain new and original materials. Questions to the editor, which can be answered in this column, are invited. The column "BOOKS, PERIODICALS, PAMPHLETS" will attempt to bring reviews of new publications to the attention of our readers. Also, new timely articles may be listed by title only, if this is deemed expedient.

Manuscripts should be typed in final form on a high grade white paper, 81/2'' by 11'', double spaced and accompanied by a carbon copy.

EDITORIAL BOARD

DR. DONALD P. ABBOTT, Associate Professor of Biology Hopkins Marine Station of Stanford University

DR. J. WYATT DURHAM, Professor of Paleontology University of California, Berkeley

DR. E. W. FAGER, Associate Professor of Biology Scripps Institution of Oceanography, University of California, La Jolla

DR. CADET HAND, Associate Professor of Zoology University of California, Berkeley

DR. G. DALLAS HANNA, Curator, Department of Geology California Academy of Sciences, San Francisco

DR. LEO G. HERTLEIN, Associate Curator, Department of Geology California Academy of Sciences, San Francisco

DR. MYRA KEEN, Associate Professor of Paleontology and Curator of Conchology Stanford University

DR. FRANK A. PITELKA, Professor of Zoology University of California, Berkeley

MR. ALLYN G. SMITH, Research Malacologist California Academy of Sciences, San Francisco

DR. RALPH I. SMITH, Professor of Zoology University of California, Berkeley

EDITOR

DR. RUDOLF STOHLER, Associate Research Zoologist University of California, Berkeley



THE VELIGER

A Quarterly published by

NORTHERN CALIFORNIA MALACOZOOLOGICAL CLUB Berkeley, California

VOLUME 4

THSON

JAN 25 1962

LIBRARY

JANUARY 1, 1962

NUMBER 3

CONTENTS

C. M. YONGE
Limestone Boring by the Mytilid Lithophaga (Plates 25, 26, 27; 3 Textfigures) NORMAN M. HODGKIN
The Fresh Water Clam Pisidium tremperi (HANNIBAL) (Plate 28) D. W. TAYLOR & H. B. HERRINGTON
On the Identifications of Five Pacific Mitra (Plate 29) JEAN M. CATE
A Study of the Reproductive Cycle in the California Acmaeidae (Gastropoda). Part IV. (Plates 30, 31, 32) HARRY K. FRITCHMAN, II
Revision of Some Hawaiian Mitrid Species (Plates 33, 34, 35) JEAN M. CATE
Preliminary Report on Growth Studies in Olivella biplicata (Plate 36) RUDOLF STOHLER
A New Deep-Water Anadara from the Gulf of California (Plate 37; I Textfigure) BRUCE CAMPBELL
Two New Opisthobranch Mollusks from Southern California (Plate 38; 8 Textfigures)
JAMES R. LANCE
Egg-Laying in Fusitriton oregonensis (REDFIELD) (Plate 39) FAYE B. HOWARD

[Continued on Inside Front Cover]

Subscriptions payable in advance to N. C. M. C. \$3.50 per year (\$4.00 to Foreign Countries) \$1.25 for single copies.

Send subscriptions to: MRS. PHOEBE BALCH, Treasurer, 1150 Brown Avenue, Lafayette, California. Address all other correspondence to: DR. R. STOHLER, Editor, Department of Zoology, University of California, Berkeley 4, California.

Second-class postage paid at Berkeley, California

CONTENTS [continued]

NOTES & NEWS		. 161
Reinstatement of the Specific Name Macoma inquinata (DESHAYES)	A. MYRA KEEN	
On the Systematic Place of Cypraea mus A. MYRA KEEN		
A Living Fossil EMERY P. CHACE		
INFORMATION DESK		. 162
What's the Difference? Genotype - Phenotype R. STOHLER		
BOOKS, PERIODICALS & PAMPHLETS		. 164



Note: The various taxa above species are indicated by the use of different type styles as shown by the following examples:

ORDER, Suborder, **DIVISION**, Subdivision, SECTION, SUPERFAMILY, FAMILY, Subfamily, Genus, (Subgenus).



Biodiversity Heritage Library

Yonge, C. M. 1962. "Ciliary currents in the mantle cavity of species of Acmaea." *The veliger* 4, 119–122.

View This Item Online: <u>https://www.biodiversitylibrary.org/item/134683</u> Permalink: <u>https://www.biodiversitylibrary.org/partpdf/97461</u>

Holding Institution Smithsonian Libraries and Archives

Sponsored by Biodiversity Heritage Library

Copyright & Reuse Copyright Status: In Copyright. Digitized with the permission of the rights holder. Rights Holder: California Malacozoological Society License: <u>http://creativecommons.org/licenses/by-nc-sa/3.0/</u> Rights: <u>https://www.biodiversitylibrary.org/permissions/</u>

This document was created from content at the **Biodiversity Heritage Library**, the world's largest open access digital library for biodiversity literature and archives. Visit BHL at https://www.biodiversitylibrary.org.