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### Recommended Citation

Cronin, E. L., Van Engel, W. A., Cargo, D. G., & Wojick, F. J. (1957) A partial bibliography of the Genus Callinectes. Special scientific report (Virginia Institute of Marine Science); no. 8. Virginia Institute of Marine Science, College of William and Mary. <https://doi.org/10.21220/V5N882>

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May 1957

A PARTIAL BIBLIOGRAPHY OF  
THE GENUS Callinectes

by

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SPECIAL SCIENTIFIC REPORT NO. 8

of the

Virginia Fisheries Laboratory

Gloucester Point, Virginia

and

REFERENCE NUMBER 57-26

of the

Maryland Department of Research and Education

Solomons, Maryland

## INTRODUCTION

This bibliography has been prepared at the request of the blue crab committee of the Atlantic States Marine Fisheries Commission. In December 1955, plans were underway to obtain funds to expand the scientific investigations of the blue crab resource, which supports one of the major fisheries of the Chesapeake and South Atlantic regions. There have been many investigations of various phases of the life-history of this crab and its fishery over the past 30 years or so, and the major features of the life-history have been worked out, but nowhere does there exist a comprehensive summary of these findings, and many important points lie buried in obscure reports and manuscripts with which only a few investigators are familiar. It was felt that the first step should be to gather together all these references in annotated form, as a guide to those already engaged in some phases of the study of the genus, *Callinectes*, and for the use of those who might later need a ready reference. The Chesapeake Bay population of crabs has received, by far, the greatest amount of attention insofar as biological inquiry is concerned. For this reason, the laboratories of Maryland and Virginia were requested to prepare a bibliography from their files.

There is no special significance in the order of authorship. The two senior and two junior biologists are listed alphabetically. Whereas the completed bibliography will be annotated and cross-referenced, this provisional listing contains only a simple subject annotation listed by number. The subjects were extracted in some cases from the titles of articles not available at the moment for study and may be inaccurate. Subject listings are given on page 3.

The authors take pleasure in dedicating this small contribution to Dr. Waldo L. Schmitt, Curator of Zoology, U. S. National Museum, Washington 25, D. C. We particularly recognize Dr. Schmitt's warmhearted, generous and effective efforts to encourage and assist research workers, especially young ones, in their efforts to learn more about Crustacea and other organisms. Our respect and affection for him have provided added stimulus for this effort to aid further learning about the genus *Callinectes*.

## ORGANIZATION OF THE BIBLIOGRAPHY

This bibliography is currently divided into three groups, (1) complete, published references, (2) manuscripts, (3) incomplete or unchecked references. Newspaper articles have in the main not been included.

A present location of a reference has been indicated by an asterisk and a lower case letter. The code for these libraries follows:

- \*c - Chesapeake Biological Laboratory, Solomons, Maryland, including library of R. Mansueti at this address.
- \*v - Virginia Fisheries Laboratory, Gloucester Point, Virginia.
- \*pa - Philadelphia Academy of Natural Sciences, Philadelphia, Pennsylvania.
- \*i - Department of the Interior, Washington 25, D. C.
- \*lc - Library of Congress, Washington 25, D. C.
- \*nm - U. S. National Museum, Washington 25, D. C.

Several organizations issue reports at regular intervals which contain brief notes on the blue crab. Except for articles of particular interest, the issuing agencies are listed only once, with the first and last year of publication indicated.

This should be considered as a working draft, subject to revision and expansion. Users are urged to submit abstracts, corrections, additions, and suggestions for improvement.

Blue Crab Bibliography Listing by Subjects

1. Historical review of fishery
2. Taxonomy
3. Distribution
4. Anatomy and physiology
5. Reproduction
  - 5.1 Adults
  - 5.2 Ova
6. Growth
  - 6.1 Larval stage
  - 6.2 Post larval stages
7. Migration
8. Mortality, natural
  - 8.1 Poisons and pollutants
  - 8.2 Parasites
    - 8.21 General
    - 8.22 Nemertean
9. Mortality, fishing
  - 9.1 Scrape
  - 9.2 Trot line
  - 9.3 Pot
  - 9.4 Dredge
  - 9.5 Other
10. Catch records
11. Economics and utilization
  - 11.1 Abundance
  - 11.2 Processing
  - 11.3 Composition
  - 11.4 Other
12. Regulations
13. Ecological relationships
  - 13.1 Effects on other species
  - 13.2 Effects of other species
  - 13.3 Environmental
14. Life history - general
15. Educational material
16. Research programs
17. Monographs on related species

PART 1

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PART 2

CHECKED UNPUBLISHED MANUSCRIPTS

- 11.0 Anderson, A. W. 1945. Preliminary report on economic aspects of marketing blue crab. Address at meeting A. S. M. F. C., Baltimore, Md. 10 p. \*c,v
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- 11.4 Barry, E. 1947. Economic significance of the fisheries to Calvert County, Maryland. 4 p. MS. \*c
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- 11.0 \_\_\_\_\_, and R. V. Truitt. Contributions  
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- 6.2 \_\_\_\_\_. 1947. Approximation of average size and limits of the last nine instars of the female blue crab. 6 p. MS. \*c
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