

PN-AEL-246

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A Bibliography of the Pearl Oysters (Bivalvia: Pteriidae)

M.H. GERVIS



PN-ABL-246
ISN 77160

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1991



**OVERSEAS DEVELOPMENT ADMINISTRATION
OF THE UNITED KINGDOM**
London, England



**INTERNATIONAL CENTER FOR LIVING AQUATIC
RESOURCES MANAGEMENT**
Manila, Philippines

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Published by the Overseas Development Administration of the United Kingdom, London, England; and the International Center for Living Aquatic Resources Management, MC P.O. Box 1501, Makati, Metro Manila, Philippines.

1991

Printed in Manila, Philippines

Available on Diskette

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Gervis, M. 1991. A bibliography of the pearl oysters (Bivalvia: Pteriidae).
ICLARM Bibliogr. 11, 99 p.

ISSN 0115-5997
ISBN 971-8709-13-4

ICLARM Contribution No. 765

A BIBLIOGRAPHY OF THE PEARL OYSTERS (BIVALVIA: PTERIIDAE)

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Abstract

A bibliography of the pearl oysters of the family Pteriidae is presented. A total of 1,221 references are listed covering all aspects of their biology, distribution, fishery and culture. As members of this family are used for pearl culture references covering all aspects of the pearl culture process are included.

Introduction

The culture of pearl oysters, once the closely guarded monopoly of the Japanese has now proliferated throughout the Indo-Pacific region and has the potential of providing much needed export income to cash poor nations. This has already happened in French Polynesia where the culture of *Pinctada margaritifera* is the largest export earner, the Cook Islands pearl industry is developing in a similar manner.

This bibliography attempts to consolidate all the material published to date dealing with the biology, fishery and culture of pearl oysters. Previous bibliographies except that of Gilbert Ranson have been geographically specific. For the sake of brevity references to freshwater or marine pearl producing organisms other than those in the family Pteriidae have been omitted as have any palaeontological references. I have also tried to avoid including references from non-scientific journals except those articles that have been cited in other works, there is however a vast amount of material especially that from the late nineteenth and early twentieth century that supposedly detail the secrets of pearl production and for the sake of completeness have been entered.

Although I have attempted to include all of the published pearl oyster material it is realised that this will not be a complete bibliography as there are papers and books from Korea, Taiwan and Japan that will not have been included. However, all

of the relevant material produced by the Japanese National Institute of Aquaculture, the National Pearl Research Institute and the Nippon Institute for Scientific Research on pearls is contained here. The vast majority of the Japanese work is written in Japanese but hopefully by having knowledge of areas already studied unnecessary repetition of research work can be prevented and translations encouraged. It would be most opportune for these countries to produce bilingual bibliographies concerning pearl oysters.

I will be happy to receive any information referring to errors in or omissions from this bibliography and these could be corrected or updated through the Pearl Oyster Information Bulletin that is now being produced by the Fisheries Information Project of the South Pacific Commission.

The bibliography has been prepared using PAPERBASE, a microcomputer program in MBASIC. PAPERBASE is available from Wight Scientific, 44 Roan Street, London SE10 9JT, England.

Acknowledgements

I would like to thank Hilary Duggua of the University of Stirling, Scotland for her assistance with many of the computer searches and Dr. K. T. Wada of the National Research Institute of Aquaculture, Nansei, Japan, for his help in guiding me through the Institute library. My wife Cathreena Gervis carried out the unenviable task of data entry and assisted in the overall compilation of the bibliography. The Overseas Development Administration of the United Kingdom through the British Development Division in the Pacific provided the financial support necessary for the publication of this volume. This support is gratefully acknowledged.

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Bouchon-Brandely, 1883
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