UNITED STATES DEPARTMENT OF THE INTERIOR, Stewart L. Udall, Secretary
James K. Carr, Under Secretary
Frank P. Briggs, Assistant Secretary for Fish and Wildlife
FISH AND WILDLIFE SERVICE, Clarence F. Pautzke, Commissioner
BUREAU OF COMMERCIAL FISHERIES, Donald L. McKernan, Director

A LIST OF REFERENCES ON THE BIOLOGY OF SHRIMP (Family Penaeidae)

by

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Bureau of Commercial Fisheries

Special Scientific Report--Fisheries No. 276

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INTRODUCTION[1/]

The references contained in this bibliography were compiled by the authors in the course of biological studies on commercially important shrimp, a phase of the work carried on by the Gulf Fishery Investigations, U. S. Fish and Wildlife Service. The references are listed only by authors. Although we recognize the limitations imposed by the lack of subject and taxonomic indexes, we decided to release the bibliography in this form to make it immediately available to other workers.

In order to keep the bibliography within reasonable compass, only those references which contain specific mention of shrimp belonging to the family Penaeidae are included. Because many of the publications were not available to us, some are listed incompletely or possibly erroneously; those we were unable to consult have been marked with an asterisk. No attempt was made to gather references on subjects such as the technological aspects of the shrimp processing industry, palaeontological studies, or shrimp statistics, but a few references in those fields are listed. Shrimp statistics are published annually in the Fishery Statistics of the United States by the U. S. Fish and Wildlife Service. Articles dealing with fishing methods and gear have been included because of their general interest to fishery biologists.

We hope that any errors or omissions will be brought to our attention.

1/ We are grateful to Mr. Thomas J. Costello, Gulf Fishery Investigations, for supplying us with a number of references and considerable encouragement.

LIST OF ABBREVIATIONS

Abhand. Ber. Zool. Anthropol. Ethnolog. Mus.

Abhandlungen und Berichte des Königlich Zoologisches und Anthropologisch-Ethnologisches Museum
Dresden, Germany

Abhand. K. Bayer. Akad. Wiss. Math. Phys. Kl., München

Abhandlungen der Koeniglich Bayerische Akademie der Wissenschaften, Math. Phys. Kl., München, Germany

Abhand. Senckenb. Naturf. Ges.

Abhandlungen der Senckenbergischen Naturforschenden Gesellschaft
Frankfurt, Germany

Act. Biochim.

Actualités Biochimiques
Paris, France

Act. Soc. Esp. Hist. Nat.

Actas, Sociedad Española de Historia Natural
Madrid, Spain

Act. Soc. Linn. Bordeaux

Actes, Société Linnéenne de Bordeaux
Bordeaux, France

Acta Adriatica Split

Acta Adriatica
Institut za Oceanografiju i Ribarstvo
Split, Yugoslavia

Acta Univ. Lund. N.S.

Acta Universitatis Lundensis, Nova Series
Lunds Universitets Årsskrift
Lund, Sweden

Allatt. Kozlem.

Alattani Kozlemenyek
Budapest, Hungary

Amer. J. Sci. Arts

American Journal of Science and Arts
New Haven, Conn.

Amer. Mid. Nat.

American Midland Naturalist
University of Notre Dame
South Bend, Indiana

An. Acad. Bras. Cien.

Annaes, Academia Brasileira de Ciencias
Rio de Janeiro, Brazil

An. Acad. Cien. Med. Fis. Nat. Habana

Anales, Academia de Ciencias Médicas, Fisicas y
Naturales de la Habana
Havana, Cuba

An. Asoc. Esp. Progr. Cien.

Anales, Asociacion Española para el Progreso de las
Ciencias
Madrid, Spain

An. Durban Mus.

Annals, Durban Museum
Durban, South Africa

An. Inst. Biol. Univ. Nac. Mexico

Anales, Instituto de Biología
Universida Nacional Autónoma de Mexico
Mexico City, Mexico

An. Inst. Jamaica

Annals, Institute of Jamaica
Kingston, Jamaica

An. Inst. Océanog. Monaco

Annales, Institut Océanographique de Monaco
Monaco

An. Jta. Invest. Colon.

Annaes, Junta das Missões Geograficas e de Investigações Coloniais
Lisbon, Portugal

An. Lyc. Nat. Hist. N. Y.

Annals, Lyceum of Natural History of New York
New York, N. Y.

An. Lyons. Univ.

Annales, Lyons Université
Lyons, France

An. Mag. Nat. Hist.

Annals and Magazine of Natural History
London, England

An. Mus. Hist. Nat., Marseille

Annales, Musée d'Histoire Naturelle
Marseille, France

An. Mus. Roy. Congo Belge

Annales, Musée Royal du Congo Belge
Tervueren, Belgium

An. Nat. Hist.

Annals of Natural History
London, England

An. Naturhist. Hofmus. Wien

Annalen, K. K. Naturhistorisches Hofmuseums
Wien, Austria

An. S. Afr. Mus.

Annals, South African Museum
Cape Town, South Africa

An. Sci. Nat.

Annales des Sciences Naturelles
Paris, France

An. Soc. Cient. Argentina

Anales, Sociedad Cientifica Argentina
Buenos Aires, Argentina

An. Soc. Entomologique France

Annales, Société Entomologique de France
Paris, France

An. Soc. Roy. Zool. Malac. Beligique

Annales, Société Royale Zoologique et Malacologique de Belgique
Brussels, Belgium

An. Sta. Océanog. Salammbô

Annales, Station Océanographique de Salammbô
Salammbô, Tunis

Ann. Rep. Sec. Comm., U. S. Bur. Fish

Annual Report to Secretary of Commerce
United States Bureau of Fisheries
Washington, D. C.

Annot. Zool. Japon.

Annotations Zoologicae Japonenses
Tokyo University
Tokyo, Japan

Anz. Akad. Wiss. Math. Kl. Wien

Anzeiger der Kaiserlichen, Akademie der Wissenschaften
Math. Kl.
Wien, Austria

Arb. Zool. Inst. Univ. Wien

Arbeiten aus den Zoologischen Instituten der Universität
Wien und der Zoologischen Station in Triest
Wien, Austria

Arch. Biochem.

Archives of Biochemistry
New York, N. Y.

Arch. Ges. Physiol.

Archiv fur die Gesammte Physiologie
Leipzig, Germany

Arch. Miss. Sci. Lit.

Archives des Missions Scientifiques et Littéraires
Commission des Missions Scientifiques et Littéraires
Paris, France

Arch. Naturg.

Archiv für Naturgeschichte
Berlin, Germany

Arch. Port. Sci. Biol.

Archives Portugaises des Sciences Biologiques
Lisbon, Portugal

Arch. Zool. Italiano

Archivio Zoologico Italiano
Turin, Italy

Ark. Zool.

Arkiv för Zoologi
K. Svenska Vetenskapsakademien
Stockholm, Sweden

Atoll Res. Bull.

Atoll Research Bulletin, National Research Council,
Pacific Science Board
Washington, D. C.

Atti Soc. Ital. Sci. Nat.

Atti della Società Italiana di Scienze Naturali e del
Museo Civile di Storia Naturale
Milan, Italy

Austral. J. Mar. Fresh. Res.

Australian Journal of Marine and Freshwater Research
Commonwealth Scientific and Industrial Research
Organization
Melbourne, Australia

Austral. J. Sci.

Australian Journal of Science
Australian National Research Council
Sydney, Australia

Austral. Mus. Mag.

Australian Museum Magazine
Sydney, Australia

Austral. Zool.

Australian Zoologist
Royal Zoological Society of New South Wales
Sydney, Australia

Beitr. Kenn. Meer. Bewohn.

Beitrage zur Kenntnis des Meeres und seiner Bewohner
Jena, Germany

Beitr. Kenn. Meeresfauna Westafricas

Beitrage zur Kenntnis der Meeresfauna Westafrikas
Hamburg, Germany

Bears Bluff Lab. Contr.

Bears Bluff Laboratories, Contributions
Wadmalaw Island, South Carolina

Bijdr. Dierkunde

Bijdragen tot der Dierkunde
Amsterdam, Netherlands

Biol. Bull.

Biological Bulletin
Marine Biological Laboratory
Woods Hole, Mass.

Biol. Res. Fish. Exp. "Endeavour"

Biological Results of the Fishing Experiments carried out
by F. J. S. "Endeavour", 1909-14
Melbourne, Australia

Bol. Minist. Agric. Brazil

Boletim do Ministerio da Agricultura (Industria e Commercio)
Rio de Janeiro, Brazil

Bol. Mus. Nac., Zool.

Boletim do Museu Nacional, Zoologia
Rio de Janeiro, Brazil

Bol. Pesca, Venezuela

Boletin de Pesca de la Republica de Venezuela
Ministerio de Agricultura y Cria
Caracas, Venezuela

Boll. Mus. Zool. Anat. Comp., Genoa

Bollettino dei Musei di Zoologia e di Anatomia Comparata
della R. Universita
Genoa, Italy

Boll. Mus. Zool. Anat. Comp., Turin

Bollettino dei Musei di Zoologia e di Anatomia Comparata
della R. Universita
Turin, Italy

Boll. Pesca Pisc. Idrobiol.

Bolletino di Pesca, Piscicoltura e Idrobiologia
Ministero dell' Agricoltura e delle Foreste
Uffico Centrale per la Pesca e per la Caccia
Rome, Italy

Boll. Soc. Ent. Ital.

Bollettino della Società Entomologica Italiana
Florence, Italy

Boll. Soc. Nat. Napoli

Bollettino, Societa di Naturalisti in Napoli
Naples, Italy

Brit. Ant. ("Terra Nova") Exped. Nat. Hist. Rep. Zool.

British Antarctic ("Terra Nova") Expedition, 1910. Natural History Report - Zoology, British Museum (Natural History)
London, England

Bull. Acad. Roy. Sci. Belgique

Bulletin, Academie Royales des Sciences, des Lettres et des Beaux-Arts de Belgique
Brussels, Belgium

Bull. Amer. Mus. Nat. Hist.

Bulletin, American Museum of Naturaly History
New York, N. Y.

Bull. Bingham Oceanog. Coll.

Bulletin, Bingham Oceanographic Collection
Peabody Museum of Natural History
New Haven, Conn.

Bull. Brit. Mus. (Nat. Hist.) Zool.

Bulletin, British Museum (Natural History) - Zoology
London, England

Bull. Bur. Fish.

Bulletin, Bureau of Fisheries
U. S. Department of Commerce
Washington, D. C.

Bull. Cent. Res. Inst. Univ. Travancore

Bulletin, Central Research Institute of the University of Travancore
Travancore, Trivandrum, India

Bull. Essex Inst.

Bulletin Essex Institute
Salem, Mass.

Bull. Fan Mem. Inst. Biol. (Zool.)

Bulletin, Fan Memorial Institute of Biology (Zoology)
Peking, China

Bull. Fish. Exp. Sta. Gov. Eng. Tyōsen

Bulletin, Fisheries Experiment Station of the Government-General of Tyōsen
Korea

Bull. Gulf Biol. Stat.

Bulletin, Gulf Biologic Station
Cameron, Louisiana

Bull. Inst. Océanog. Monaco

Bulletin Institut Océanographique de Monaco
Monaco

Bull. Japan. Soc. Sci. Fish.

Bulletin, Japanese Society of Scientific Fisheries
Tokyo, Japan

Bull. La. Dept. Conserv.

Bulletin, Louisiana Department of Conservation
New Orleans, Louisiana

Bull. Madras Gov. Mus., N. S.

Bulletin, Madras Government Museum, New Series
Madras, India

Bull. Mar. Sci. Gulf Carib.

Bulletin of Marine Science of the Gulf and Caribbean
Miami, Florida

Bull. Mus. Comp. Zool.

Bulletin, Museum of Comparative Zoology
Harvard University
Cambridge, Mass.

Bull. Mus. Hist. Nat., Paris

Bulletin, Muséum d'Histoire Naturelle
Paris, France

Bull. Mus. Océanog. Monaco

Bulletin Musée Océanographique de Monaco
Monaco

Bull. Mus. Roy. Hist. Nat. Belgique

Bulletin, Musée Royal d'Histoire Naturelle de Belgique
Brussels, Belgium

Bull. Sci. France Belgique

Bulletin Scientifique de la France et de la Belgique
Paris, France

Bull. Soc. Chim. Biol.

Bulletin, Société de Chimie Biologique
Paris, France

Bull. Soc. Sci. Nat. Tunis.

Bulletin, Société des Sciences Naturelle du Tunisie
Tunis, Tunisia

Bull. Soc. Zool. France

Bulletin, Société Zoologique de France
Paris, France

Bull. Sta. Océanog. Salammbô

Bulletin, Station Océanographique de Salammbô
Salammbô, Tunisia

Bull. Torrey Bot. Club

Bulletin, Torrey Botanical Club
New York, N. Y.

Bull. Trav. Sta. Aquicult. Pêche Castiglione

Bulletin, Travaux Publiés par la Station d'Aquiculture et de Pêche de Castiglione
Algiers, Algeria

Bull. U. S. Fish Com.

Bulletin, U. S. Fish Commission
Washington, D. C.

Bull. Vanderbilt Mar. Mus.

Bulletin, Vanderbilt Marine Museum
Long Island, N. Y.

Bull. Zool. Nomen.

Bulletin of Zoological Nomenclature
London, England

C. R. Acad. Sci.

Comptes Rendus Hebdomaires des Séances de l'Académie des Sciences
Paris France

C. R. Assoc. Franc. Av. Sci.

Compte Rendu de la Session Association Française pour l'Avancement des Sciences
Paris, France

C. R. Soc. Biol.

Comptes Rendus de la Séances de la Société Biologie
Paris, France

Calif. Fish and Game

California Fish and Game
California Department of Fish and Game
San Francisco, Calif.

Centro Invest. Pesqueras, Contr.

Centro de Investigaciones Pesqueras, Contribución
Dependencia de la Division Agricola del Banco de Fomento
Agricola e Industrial de Cuba
Havana, Cuba

Charleston Mus. Leaflet

Charleston Museum Leaflet
Charleston, South Carolina

Ciencia

Ciencia, Revista Hispano-Americana de Ciencias Puras y
Aplicadas, Patronato de Ciencia
Mexico City, Mexico

Comm. Fish. Rev. F.W.S.

Commercial Fisheries Review, Fish and Wildlife Service
U. S. Department of the Interior
Washington, D. C.

Comun. Inst. Trop. Invest. Cient., El Salvador

Comunicaciones, Instituto Tropical de Investigaciones
Cientificas, Universidad de El Salvador
San Salvador, El Salvador

Comun. Mus. Nac, Buenos Aires

Comunicaciones, Museo Nacional de Buenos Aires
Buenos Aires, Argentina

Conserv. Bull. U.S.D.I.

Conservation Bulletin, U.S. Department of the Interior
Washington, D. C.

Contr. Yamaguchi Pref. Inland Sea Fish. Exp. Sta.

Contributions, Yamaguchi Prefectural Inland Sea Fisheries
Experimental Station
Japan

Conv. Papers Nat. Shellfish. Assoc.

Convention Papers, National Shellfisheries Association
Washington, D. C.

Copeia

Copeia
American Society of Ichthyologists and Herpetologists
Pittsburg, Pa.

Curr. Sci.

Current Science
Current Science Association Malleswaram
Bangalore, India

Daily Consul. and Trade Rep. U.S. Dept. Comm.

Daily Consular and Trade Reports
U. S. Department of Commerce
Washington, D. C.

Debats Doc. Tech. Gen. Fish. Coun. Medit.

Débats et Documents Techniques
General Fisheries Council for the Mediterranean
FAO, United Nations
Rome, Italy

Deep-Sea Res.

Deep-Sea Research
New York, N. Y.

Denkschr. K. Akad. Wiss., Math.-Nat. Kl., Wien

Denkschriften der Kaiserlichen Akademie der Wissenschaften,
Mathematisch-Naturwissenschaftlichen Klasse
Wien, Austria

Denkschr. Med.-Nat. Ges. Jena

Denkschriften der Medizinisch-Naturwissenchaftlichen
Gesellschaft zu Jena
Jena, Germany

Deutsche Tierärztl. Wochenschr.

Deutsche Tierärztliche Wochenschrift
Hanover, Germany

Deutsche Sudpolar-Exped.

Deutsche Sudpolar-Expedition
Berlin, Germany

Discovery

Discovery
London, England

"Discovery" Rep.

"Discovery Reports
Cambridge, England

Ecol. Monog.

Ecological Monographs
Ecological Society of America
Durham, N. C.

Ecology

Ecology
Ecological Society of America
Durham, N. C.

Exp. Parasit.

Experimental Parasitology
New York, N. Y.

Far East. Quart.

Far Eastern Quarterly; Review of Eastern Asia and the Adjacent Pacific Islands
Menasha, Wis.

Fish. Bull. F.W.S.

Fishery Bulletin, Fish and Wildlife Service
U. S. Department of Interior
Washington, D. C.

Fish. Newslett.

Fisheries Newsletter
Commonwealth Fisheries Office
Sydney, Australia

Fishery Leaflet, F.W.S.

Fishery Leaflet, Fish and Wildlife Service
U. S. Department of Interior
Washington, D. C.

Fla. State Bd. Conserv. Educ. Ser.

Florida State Board of Conservation Educational Series
Tallahassee, Florida

Fla. State Bd. Conserv. Tech. Ser.

Florida State Board of Conservation Technical Series
Tallahassee, Florida

Food Res.

Food Research
Champaign, Ill.

Gegenbaurs Morphol. Jahrb.

Gegenbaurs Morphologisches Jahrbuch
Leipzig, Germany

Gulf. Biol. Sta. Bienn. Rep.

Gulf Biologic Station, Biennial Report
Cameron, La.

Gulf States Mar. Fish. Com. Ann. Rep.

Gulf States Marine Fisheries Commission, Annual Report
New Orleans, La.

Harriman Alaska Ser.

Harriman Alaska Series
Smithsonian Institution
Washington, D. C.

Holmbergia

Holmbergia
Buenos Aires, Argentina

Ind-Com J.

Ind-Com Journal
Department of Industries and Commerce
Madras, India

Indian Fmg.

Indian Farming
Imperial Council of Agricultural Research
Calcutta, India

Indian J. Fish.

Indian Journal of Fisheries
New Delhi, India

Indo-Pac. Fish. Coun. Contr. Publ.

Indo-Pacific Fisheries Council, Contributed Publications
FAO Regional Office for Asia and the Far East
Bangkok, Thailand

Indo-Pac. Fish. Coun. Spec. Publ.

Indo-Pacific Fisheries Council, Special Publications
FAO Regional Office for Asia and the Far East
Bangkok, Thailand

Indo-Pac. Fish. Coun. Symp.

Indo-Pacific Fisheries Council, Symposium
FAO Regional Office for Asia and the Far East
Bangkok, Thailand

Indo-Pac. Fish. Coun. Tech. Pap.

Indo-Pacific Fisheries Council, Technical Papers
FAO Regional Office for Asia and the Far East
Bangkok, Thailand

Invest. Rep. Bur. Fish.

Investigational Report, Bureau of Fisheries
U. S. Department of Commerce
Washington, D. C.

J. Acad. Nat. Sci. Phila.

Journal, Academy of Natural Sciences of Philadelphia
Philadelphia, Pa.

J. Ala. Acad. Sci.

Journal of the Alabama Academy of Science
Birmingham, Ala.

J. Animal Ecol.

Journal of Animal Ecology
British Ecological Society
Oxford, England

J. Biol. Chem.

Journal of Biological Chemistry
American Society of Biological Chemists
New Haven, Conn.

J. Bombay Nat. Hist. Soc.

Journal, Bombay Natural History Society
Bombay, India

J. Coll. Agri., Imp. Univ. Tokyo

Journal, College of Agriculture
Imperial University of Tokyo
Tokyo, Japan

J. Elisha Mitchell Sci. Soc.

Journal, Elisha Mitchell Scientific Society
University of North Carolina
Chapel Hill, N. C.

J. Fac. Sci. Tokyo Univ.

Journal, Faculty of Science
Tokyo Imperial University
Tokyo, Japan

J. Fish. Res.

Journal of Fisheries Research
(Suisan Kenkyūshi)
Tokyo, Japan

J. Fish. Soc. Japan

Journal, Fisheries Society of Japan
(Suisankai)
Tokyo, Japan

J. Imp. Fish. Bur.

Journal, Imperial Fisheries Bureau
Tokyo, Japan

J. Imp. Fish. Inst.

Journal, Imperial Fisheries Institute
Yokosuka, Japan

J. Linn. Soc. (Zool.), London

Journal, Linnean Society (Zoology)
London, England

J. Madras Univ.

Journal of Madras University
Madras, India

J. Mammal.

Journal of Mammalogy
Baltimore, Md.

J. Mar. Biol. Assoc. U.K.

Journal, Marine Biological Association of the United Kingdom
Plymouth, England

J. Paleonotology

Journal of Paleonotology
Tulsa, Okla.

J. Parasit.

Journal of Parasitology
American Society of Parasitologists
Lancaster, Pa.

J. Roy. Asiat. Soc. Bengal

Journal, Royal Asiatic Society of Bengal
Calcutta, India

J. Sci. Hiroshima Univ.

Journal of Science
Hiroshima University
Japan

J. Sci. Indus. Res.

Journal of Scientific and Industrial Research
Council of Scientific and Industrial Research
New Delhi, India

J. Sci. Math. Fis. Nat.

Journal de Sciencias Matemáticas, Físicas e Naturais
Academia das Sciencias de Lisboa
Lisbon, Portugal

J. Tokyo Coll. Fish.

Journal, Tokyo College of Fisheries
Tokyo, Japan

J. Tokyo Univ. Fish.

Journal, Tokyo University of Fisheries
Tokyo, Japan

J. Univ. Bombay

Journal, University of Bombay
Bombay, India

J. Wash. Acad. Sci.

Journal, Washington Academy of Science
Washington, D. C.

J. Yamaguchi Pref. Naikai Fish. Exp. Sta.

Journal, Yamaguchi Prefectural Naikai
Fisheries Experimental Station
Japan

J. Zool. Soc. India

Journal, Zoological Society of India
Calcutta, India

Japan. J. Zool.

Japanese Journal of Zoology
National Research Council
Tokyo, Japan

John Murray Exped. Sci. Rep.

John Murray Expedition to the Indian Ocean, 1933-1934
Scientific Reports
British Museum (Natural History)
London, England

Johns Hopkins Univ. Circ.

Johns Hopkins University Circular
Baltimore, Maryland

Kong. Danske Vidensk. Selsk. Skr.

Kongelige Danske
Videnskabernes Selskabs Skrifter
Copenhagen, Denmark

La. Conserv.

Louisiana Conservationist
Louisiana Wildlife and Fisheries Commission
New Orleans, La.

La. Conserv. Rev.

Louisiana Conservation Review
Louisiana Department of Conservation
New Orleans, La.

La. Dept. Conserv., Bienn. Rep.

Louisiana Department of Conservation, Biennial Report
New Orleans, La.

La. Dept. Conserv., Tech. Pap.

Louisiana Department of Conservation, Technical Paper
New Orleans, La.

La. Dept. Wildlife and Fish., Bienn. Rep.

Louisiana Department of Wildlife and Fisheries, Biennial Report
New Orleans, Louisiana

Landbouw

Landbouw (Vereeniging van Landbouwconsulenten in
Nederlandsch-Indië)
Buitenzorg, Java

Limnol. and Oceanog.

Limnology and Oceanography
American Society of Limnology and Oceanography
Baltimore, Maryland

Lingnan Sci. J.

Lingnan Science Journal
College of Science
Lingnan University
Canton, China

Mar. Invest. S. Africa

Marine Investigations in South Africa
Department of Agriculture
Capetown, South Africa

Medd. Grønland

Meddelelser om Grønland, af Kommissionen for Ledelsen
af de geologiske og geographiske
Undersøgelser i Grønland
Copenhagen, Denmark

Med. Acad. Sci. Lisboa

Memorias, Academia das Sciencias de Lisboa
Lisbon, Portugal

Mem. Asiat. Soc. Bengal

Memoirs, Asiatic Society of Bengal
Calcutta, India

Mem. Austral. Mus.

Memoirs, Australian Museum
Sydney, Australia

Mem. Estud. Mus. Zool. Univ. Coimbra

Memórias e Estudos, Museu Zoológico da Universidade de Coimbra
Coimbra, Portugal

Mem. Ind. Mus.

Memoirs, Indian Museum
Calcutta, India

Mem. Mus. Comp. Zool.

Memoirs, Museum of Comparative Zoology
Harvard University
Cambridge, Mass.

Mem. Nat. Acad. Sci.

Memoirs, National Academy of Sciences
Washington, D. C.

Mem. Rev. Soc. Cient. Alzate

Memorias y revista, Sociedad Científica "Antonio Alzate"
Mexico City, Mexico

Mem. Soc. Cubana Hist. Nat.

Memorias, Sociedad Cubana de Historia Natural
Universidad de la Habana
Havana, Cuba

Memo. Bur. Fish.

Memorandum, Bureau of Fisheries
U. S. Department of Commerce
Washington, D. C.

Mitt. Zool. Sta. Neapel

Mitteilungen aus der Zoologischen Station zu Neapel
Berlin, Germany

Monit. Zool. Ital.

Monitore Zoologico Italiano
Unione Zoologica Italiana
Florence, Italy

Monog. Univ. Sydney Dept. Zool.

Monographs, University of Sydney
Department of Zoology
Sydney, Australia

Mycologia

Mycologia
Lancaster, Pa.

Nat. Geogr. Mag.

National Geographic Magazine
National Geographic Society
Washington, D. C.

Nat. Malgache

Naturaliste Malgache
Parc Zoologique et Botanique
Tananarive, Madagascar

Nat. Siciliano

Naturalista Siciliano
Palermo, Italy

Notes Leyden Mus.

Notes, Leyden Museum
Leyden, Netherlands

Notes Stat. Océanog. Salammbô

Notes, Station Océanographie de Salammbô
Salammbô, Tunisia

Occ. Papers Calif. Acad. Sci.

Occasional Papers, California Academy of Science
San Francisco, Calif.

Occ. Papers Mar. Lab., La. State Univ.

Occasional Papers, Marine Laboratory
Louisiana State University
Baton Rouge, La.

Pap. Proc. Roy. Soc. Tasmania

Papers and Proceedings, Royal Society of Tasmania
Hobart, Australia

Pêche Marit.

Pêche Maritime
Paris, France

Peking Nat. Hist. Bull.

Peking Natural History Bulletin
Yen-Ching University
Peking, China

Philip. J. Fish.

Philippine Journal of Fisheries
Bureau of Fisheries
Department of Agriculture and Natural Resources
Manila, Philippines

Philip. J. Sci.

Philippine Journal of Science
Institute of Science
Manila, Philippines

Proc. Acad. Nat. Sci. Philadelphia

Proceedings, Academy of Natural Sciences of Philadelphia
Philadelphia, Pa.

Proc. Biol. Soc. Wash.

Proceedings, Biological Society of Washington
Washington, D. C.

Proc. Calif. Acad. Sci.

Proceedings, California Academy of Science
San Francisco, Calif.

Proc. Gulf Carib. Fish. Inst.

Proceedings, Gulf and Caribbean Fisheries Institute
University of Miami
Coral Gables, Fla.

Proc. Ind. Acad. Sci.

Proceedings, Indian Academy of Sciences
Bangalore, India

Proc. Imp. Acad. Japan

Proceedings, Imperial Academy of Japan
Tokyo, Japan

Proc. Ind. Sci. Cong.

Proceedings of the Indian Science Congress
Calcutta, India

Proc. Indo-Pac. Fish. Coun.

Proceedings, Indo-Pacific Fisheries Council
FAO Regional Office for Asia and the Far East
Bangkok, Thailand

Proc. K. Ned. Akad. Wetenschappen

Proceedings, Section of Sciences, Koninklijke Nederlandse
Akademie von Wetenschappen
Amsterdam, Netherlands

Proc. La. Acad. Sci.

Proceedings, Louisiana Academy of Sciences
Baton Rouge, La.

Proc. Linn. Soc. N.S.W.

Proceedings, Linnean Society of New South Wales
Sydney, Australia

Proc. New England Zool. Club

Proceedings, New England Zoological Club
Cambridge, Mass.

Proc. Roy. Soc., London

Proceedings, Royal Society
London, England

Proc. Roy. Soc. N.S.W.

Proceedings, Royal Society of New South Wales
Sydney, Australia

Proc. Sci. Fish. Assoc.

Proceedings of the Scientific Fisheries Association
(Suisan Gakkwai Ho)
Tokyo, Japan

Proc. Texas Acad. Sci.

Proceedings, Texas Academy of Science
Austin, Texas

Proc. Trans. Liverpool Biol. Soc.

Proceedings and Transactions, Liverpool Biological Society
Liverpool, England

Proc. U. S. Nat. Mus.

Proceedings, United States National Museum
Washington, D. C.

Proc. Wash. Acad. Sci.

Proceedings, Washington Academy of Sciences
Washington, D. C.

Proc. Zool. Soc. London

Proceedings, Zoological Society of London
London, England

Prog. Ampl. Asist. Tec., Informe

Programa Ampliado de Asistencia Tecnica, Informe
FAO, United Nations
Rome, Italy

Prog. Fish. Cult., F.W.S.

Progressive Fish Culturist, Fish and Wildlife Service
U. S. Department of Interior
Washington, D. C.

Prog. Rep. Kumamoto Pref. Fish. Exp. Sta.

Progress Report, Kumamoto Prefecture Fisheries Experiment Station
(Kumamoto-ken suisan shikenjō jigyō hōkoku)
Japan

Pubbl. Staz. Zool. Napoli

Pubblicazioni, Stazione Zoologica di Napoli
Rome, Italy and Berlin, Germany

Publ. Biol. Medit.

Publicaciones sôbre Biologia Mediterránea, Instituto Espanol de Estudios Mediterráneos
Barcelona, Spain

Publ. Inst. Biol. Aplic.

Publicaciones, Instituto de Biología Aplicada
Consejo Superior de Investigaciones Científicas
Barcelona, Spain

Publ. Inst. Mar. Sci.

Publications, Institute of Marine Science
University of Texas
Port Aransas, Texas

Quart. J. Fla. Acad. Sci.

Quarterly Journal, Florida Academy of Sciences
Gainesville, Fla.

Rap. Betr. Voor. Ond. Zeeprod. Curacao

Rapport Betreffende een Voorloopig Onderzoek naar den Toestard van de Visscherij en de Industrie van Zee-producten in de Kolonie Curacao
Curacao, Netherlands Antilles

Ray Society

Ray Society
London, England

Rec. Austral. Mus.

Records, Australian Museum
Sydney, Australia

Rec. Indian Mus.

Records, Indian Museum
Calcutta, India

Recueil Inst. Zool. Torley-Rousseau

Recueil, Institut Zoologique Torley-Rousseau
Brussels, Belgium

Rend. Acc. Sci. Fis. Mat.

Rendiconti, R. Accademia delle Scienze Fisiche e Matematiche
Naples, Italy

Rend. Ist. Lombardo Sci. e Lett. Cl. Sci.

Rendiconti, Instituto Lombardo di Scienze e Lettere, Classe di Scienze Matematiche e Naturali
Milan, Italy

Rep. Commissioner, U.S. Com. Fish and Fish.

Report, Commissioner, U. S. Commission of Fish and Fisheries
Washington, D. C.

Rep. Danish Oceanog. Exped. Medit.

Report, Oceanographical Expeditions, 1908-10, to the Mediterranean
Copenhagen, Denmark

Rep. Dept. Agric. Bengal

Report, Department of Agriculture of Bengal
Calcutta, India

Rep. Dove Mar. Lab.

Report, Dove Marine Laboratory
Cullercoats, England

Rep. Fish. Mar. Biol. Surv. S. Africa

Report, Fisheries and Marine Biological Survey,
Union of South Africa
Cape Town, South Africa

Rep. Hayatomo Fish. Inst.

Report Hayatomo Fisheries Institute
Tobata, Japan

Rep. Hiroshima Pref. Fish. Exp. Sta.

Report, Hiroshima Prefectural Fisheries Experimental
Station
Japan

Rep. Hokkaido Fish. Exp. Sta.

Reports, Fishery Investigations, Hokkaido Fisheries
Experiment Station
(Hokkaidō suisan shikenjō suisan chōsa hōkoku)
Japan

Rep. Lab. Nippon-Suisan Co.

Report, Laboratory of the Nippon-Suisan Co., Ltd.
Japan

Rep. Sars N. Atl. Deep Sea Exped.

Report, Scientific Results of the "Michael Sars" North
Atlantic Deep Sea Expedition, 1910
Bergen, Norway

Rep. Sci. Res. H. M. S. "Challenger" 1873-76

Report on the Scientific Results of the voyage of H. M. S. "Challenger" during the years 1873-76

Rep. Univ. Miami Mar. Lab. Fla. State Bd. Conserv.

Report from the University of Miami Marine Laboratory to the Florida State Board of Conservation
Coral Gables, Fla.

Résult. Camp. Sci. Monaco

Résultats, Campagnes Scientifiques par Albert 1er, Prince Souverain de Monaco
Monaco

Résult. Sci. Exped. Océan. Belge Eaux Côt. Afr. Atlant. Sud.

Résultats Scientifiques
Expedition Océanographique Belge dans les Eaux Côtières Africaines de l'Atlantique Sud (1948-1949)
Institut Royal des Sciences Naturelles de Belgique
Brussels, Belgium

Rev. Agricultura

Revista de Agricultura
Cuba Ministerio de Agricultura
Havana, Cuba

Rev. Agric. Com. Indust.

Revista de Agricultura, Comercio e Industrias
Panama

Rev. Cent. Estud. Doct. Cienc. Nat.

Revista, Centro de Estudiantes del Doctorado en Ciencias Naturelles
Buenos Aires, Argentina

Rev. Gén. Sci. Pure et Appl.

Revue Générale des Sciences Pures et Appliquées
Paris, France

Rev. Soc. Mexicana Hist. Nat.

Revista, Sociedad Mexicana de Historia Natural
Mexico City, Mexico

Sci. Invest. Fish. Br. Ireland

Scientific Investigations, Fisheries Branch
Department of Agriculture for Ireland
Dublin, Ireland

Sci. Monthly

Scientific Monthly
American Association for the Advancement of Science
Washington, D. C.

Sci. Surv. Porto Rico and Virgin Islands

Scientific Survey of Porto Rico and the Virgin Islands
New York Academy of Sciences
New York, N. Y.

Science

Science
American Association for the Advancement of Science
Washington, D. C.

Seafood Business

Seafood Business Magazine
Port Lavaca, Texas

Siboga Exped.

Siboga Expeditie
Leiden, Netherlands

Sitz. K. Akad. Wiss., Math. Nat. Kl. Wien

Sitzungsberichte der Kaiserlichen Akademie der Wissenschaften, Mathematisch-Naturwissenschaftliche Classe
Wien, Austria

South. Fish.

Southern Fisherman
New Orleans, La.

Southwest Nat.

Southwestern Naturalist

Spec. Publ. Bernice P. Bishop Mus.

Special Publication--Bernice Pauahi Bishop Museum of Polynesian Ethnology and Natural History
Honolulu, Hawaii

Spec. Sci. Rep. Fish., F.W.S.

Special Scientific Report--Fisheries, Fish and Wildlife Service
U. S. Department of Interior
Washington, D. C.

State Fish. N.S.W. Res. Bull.

State Fisheries
New South Wales Research Bulletin
Chief Secretary's Department
Sydney, Australia

Stud. Biol. Lab. Johns Hopkins Univ.

Studies of the Biological Laboratory, Johns Hopkins University
Baltimore, Md.

Stud. Nat. Hist. Iowa Univ.

Studies in Natural History, Iowa University
Iowa City, Iowa

System. Zool.

Systematic Zoology
Society for Systematic Zoology
Washington, D. C.

Tech. Bull. Stephen F. Austin State Teach. Coll.

Technical Bulletin, Stephen F. Austin State Teachers College
Nacogdoches, Texas

Texas Game and Fish

Texas Game and Fish, Texas Game and Fish Commission
Austin, Texas

Texas Game and Fish Com. Ann. Rep.

Texas Game and Fish Commission, Annual Report
Austin, Texas

Texas Game and Fish Com. Bull.

Texas Game and Fish Commission, Bulletin
Austin, Texas

Texas Game, Fish and Oyster Com. Ann. Rep.

Texas Game, Fish and Oyster Commission, Annual Report
Austin, Texas

Texas Game, Fish and Oyster Com. Month. Bull.

Texas Game, Fish, and Oyster Commission, Monthly Bulletin
Austin, Texas

Texas J. Sci.

Texas Journal of Science, Texas Academy of Science
Austin, Texas

Trans. Amer. Fish. Soc.

Transactions, American Fisheries Society
Ann Arbor, Michigan

Trans. Conn. Acad. Arts and Sci.

Transactions, Connecticut Academy of Arts and Science
New Haven, Conn.

Trans. Linn. Soc. London (Zool.)

Transactions of the Linnean Society of London (Zoology)
London, England

Trans. N. Amer. Wildlife Conf.

Transactions, North American Wildlife Conference
Wildlife Management Institute
Washington, D. C.

Trans. Nat. Hist. Soc. Formosa

Transactions, Natural History Society of Formosa
Taihoku, Formosa

Trans. Roy. Irish Acad.

Transactions, Royal Irish Academy
Dublin, Ireland

Trans. Roy. Scot. Soc. Edinburgh

Transactions, Royal Scottish Society of Edinburgh
Edinburgh, Scotland

Trans. Roy. Soc. S. Afr.

Transactions, Royal Society of South Africa
Cape Town, South Africa

Trans. Texas Acad. Sci.

Transactions, Texas Academy of Science
Austin, Texas

Trans. Zool. Soc. London

Transactions, Zoological Society of London
London, England

Trav. Stat. Zool. Wimeraux

Travaux, Station Zoologique de Wimeraux
Paris, France

Treubia

Treubia
Bogor, Java

Tulane Stud. Zool.

Tulane Studies in Zoology
Tulane University
New Orleans, La.

Tulane Univ. Zool. Dept. Ann. Rep.

Tulane University, Zoology Department, Annual Report
New Orleans, La.

Tunisie Méd.

Tunisie Médicale
Tunis, Tunisia

U. S. Nav. Ord. Lab. Memo.

U. S. Naval Ordnance Laboratory Memorandum
Washington, D. C.

Univ. Calif. Publ. Zool.

University of California Publications in Zoology
Berkeley, California

Univ. N. C. Inst. Fish. Res., Ann. Rep.

University of North Carolina Institute of Fisheries
Research, Annual Report
Morehead City, N. C.

Va. Fish. Lab., Spec. Rep.

Virginia Fisheries Laboratory, Special Report
College of William and Mary
Gloucester, Virginia

Verh. Zool.-Bot. Ges.

Verhandlungen der Zoologisch-Botanische Gesellschaft
Wien, Austria

Wiss. Ergeb. Deutsche. Tiefsee-Exped.

Wissenschaftliche Ergebnisse der Deutschen Tiefsee-Expedition auf dem Dampfer "Valdivia" 1898-1899
Jena, Germany

Zeit. Naturw.

Zeitschrift für Naturwissenschaften
Stuttgart, Germany

Zeit. Wiss. Zool.

Zeitschrift für Wissenschaftliche Zoologie
Leipzig, Germany

Zool. Anz.

Zoologischer Anzeiger
Deutsche Zoologische Gesellschaft
Leipzig, Germany

Zool. Jahrb. Abt. Anat. und Ont.

Zoologische Jahrbücher, Abtheilung für Anatomie und Ontogenie
Jena, Germany

Zool. Jahrb. Abt. Syst. Geogr. und Biol.

Zoologische Jahrbücher, Abtheilung für Systematik, Geographie und Biologie der Thiere
Jena, Germany

Zool. Mag.

Zoological Magazine
(Dōbutsugaku Zasshi)
Zoological Society of Japan
Tokyo, Japan

Zool. Meded.

Zoologische Mededeelingen
Leiden, Netherlands

Zool. Rec.

Zoological Record
Zoological Society of London
London, England

Zool. Verhand.

Zoologische Verhandelingen Uitgegeven Door Het
Rijksmuseum Van Natuurlijke Historie Te Leiden
Leiden, Netherlands

Zoologica

New York Zoological Society
New York, N. Y.

Zoologist

Zoologist
London, England

LIST OF REFERENCES

Adensamer, Th.

1898* Decapoden gesammelt auf S. M. Schiff "Pola" in den jahren 1890-1894. Zool. Ergeb. 11. Denkschr. K. Akad. Wiss. Math.-Nat. Kl., Wien, Vol. 65.

Agassiz, Alexander

1888 Characteristic deep-sea types - Crustacea. In: Three cruises of the United States Coast and Geodetic Survey Steamer "Blake". Vol. 2:37-51. Haughton, Mifflin, Boston, Mass.

Ahmad, Nazir

1954* Prawn fishery of East Pakistan. Proc. Indo-Pac. Fish. Coun., Fifth Meet., Tech. Pap. 15.

1957 Prawn and prawn fishery of East Pakistan. Directorate of Fisheries, Government of East Pakistan, Dacca, East Pakistan, 31 pp.

Airan, J. W., and Abraham Thomas

1954* Amino acids in prawn from Bombay. J. Univ. Bombay, Sci. No. Sec. B, 22(5): 48-49.

Alcock, A.

1901* A descriptive catalogue of the Indian deep-sea Crustacea, Decapoda, Macrura and Anomala in the Indian Museum, being a revised account of the deep-sea species collected by the Royal Marine Survey Ship "Investigator". Calcutta, India, 286 pp.

1905 A revision of the "genus" Peneus with diagnoses of some new species and varieties. An. Mag. Nat. Hist. Ser. 7, 16:508-532.

Alcock, A.

1906 Catalogue of the Indian decapod Crustacea in the collection of the Indian Museum. Part 3, Macrura. Fasc. 1, The prawns of the Peneus group. Indian Museum, Calcutta, 55 pp.

Alcock, A., and A. R. Anderson

1894* Natural history notes from H. M. Indian Marine Survey Ship "Investigator".--Series 11, No. 14. An account of a recent collection of deep sea Crustacea from the Bay of Bengal and Laccadive Sea. J. Roy. Asiat. Soc. Bengal 63 (pt. 2, No. 3).

1899 Natural history notes from H. M. Royal Indian Marine Survey Ship, "Investigator" - Series 3, No. 2. An account of the deep-sea Crustacea dredged during the surveying-season of 1897-98. An. Mag. Nat. Hist. Ser. 7, 3:278-292.

1899* Illustrations of the zoology of the Royal Indian Marine Surveying Steamer "Investigator". Pt. 7--Crustacea. Calcutta, India.

Alcock, A., N. Annandale, and A. C. MacGilchrist

1907* Illustrations of the zoology of the Royal Indian Marine Survey Ship "Investigator". Pt. 12--Crustacea (Malacostraca). Calcutta, India.

Alcock, A., and A. F. McArdle

1902* Illustrations of the zoology of the Royal Indian Marine Surveying Steamer "Investigator". Pt. 9--Crustacea. Calcutta, India.

1902* Illustrations of the zoology of the Royal Indian Marine Surveying Steamer "Investigator". Pt. 10--Crustacea. Calcutta, India.

Allen, Donald M., and Anthony Inglis

1958 A pushnet for quantitative sampling of shrimp in shallow estuaries. Limnol. and Oceanog. 3(2): 239-241.

Allsopp, W. H. L.

1949 The fisheries of British Guiana. Proc. Gulf Carib. Fish. Inst., Inaug. Sess., pp. 7-10.

Alvarez, R. I.

1946* Crustaceos Decapodes Mediterraneos. Publ. Biol. Medit. 2: 1-181.

Anderson, William W.

1949 Some problems of the shrimp industry. Proc. Gulf Carib. Fish. Inst., Inaug. Sess., pp. 12-14.

1955 Observations upon the biology, ecology and life history of the common shrimp, Peneus setiferus (Linn.) along the South Atlantic and Gulf Coasts of the United States. Indo-Pac. Fish. Coun., Sixth Sess., Symp. 11: 8 pp.

1956 January to April distribution of the common shrimp on the south Atlantic continental shelf. Spec. Sci. Rep. Fish., F.W.S., No. 171: 14 pp.

Anderson, William W., Joseph E. King, and Milton J. Lindner

1949 Early stages in the life history of the common shrimp Penaeus setiferus (Linnaeus). Biol. Bull. 96 (2): 168-172.

Anderson, William W., and Milton J. Lindner

1943 A provisional key to the shrimps of the family Penaeidae with especial reference to American forms. Trans. Amer. Fish. Soc., 73: 284-319.

Anderson, William W., and Milton J. Lindner

1958 Length-weight relation in the common or white shrimp, Penaeus setiferus. Spec. Sci. Rep. Fish. F. W. S., No. 256: 13 pp.

Anderson, William W., Milton J. Lindner, and Joseph E. King

1949 The shrimp fishery of the southern United States. Comm. Fish. Rev., F.W.S., 11(2): 1-17. Also: Fishery Leaflet, F. W. S., No. 368: 17 pp.

Andrews, E. A.

1909 The use of thelycum and petasma. Zool. Anz. 34(18/19): 545-549.

1911 Sperm transfer in certain decapods. Proc. U. S. Nat. Mus. 39(1791): 419-434.

Anonymous

1930* Louisiana man perfects new system of trawling for shrimp along coast. Fish and Oysters Reporter 12(5): 14-15.

1949* New shrimp net designed to release immature fish. Atlantic Fisherman 30(3): 21.

1952 Exploratory fishing--shrimp. Gulf States Mar. Fish. Com., Third Ann. Rep., 1951-52, pp. 18-21.

1956 Shrimp ground along Indian west coast. Curr. Sci. 25(6): 207.

1957 A major trend to double-rig trawling gear. Southern Fisherman and Seafood Merchandising 17(9):72, 73, 81.

1957 Likely places for prawns. Fish. Newslett. 16(10): 3.

Anonymous

1957 New prawn ground discovered on first stage of year's survey. Fish. Newslett. 16(8): 5, 27.

1958 2-trawl shrimp fishing in Texas. Fish. Newslett. 17(1): 13.

Antonucci, E.

1930* Sullo sviluppo di caratteri sessuali esterni nei du sessi di Sicyonia sculpta. Arch. Zool. Italiano 14: 15-18.

Antunovich, Jack

1952 Regulations assure shrimp industry future. La. Conserv. 4(6): 21-22.

Argilas, A.

1929* Observations morphologiques sur les espèces des côtes algériennes de la famille des Penaeidae (Macroures nageurs). Bull. Trav. Sta. Aquicult. Pêche Castiglione, Fasc. 1: 29-101.

Arté, P.

1952 Datos biológicos sobre el Aristeus antennatus Risso del "Sot de sa Gamba" de Blanes (Crustacea, Macrura, Natantia). Publ. Inst. Biol. Aplic. 10: 145-149.

Athanassopoulos, M. G.

1926* Note sur la faune marine de la Gréce. Bull. Inst. Oceanog. Monaco, No. 480:1-7.

Balss, Heinrich

1913 Diagnosen neuer ostasiatischer Macruren. Zool. Anz. 42(5): 234-239.

Balss, Heinrich

1913* Decapode Crustaceen. In: Schultze, "Zool. und anthropol. Ergebnisse e Forschungsreise Westlichen und Zentralen Sudafrika, Band 5". Denkschr. Med.-Nat. Ges. Jena 17: 103-110.

1914 Diagnosen neuer Macruren der Valdiviaexpedition. Zool. Anz. 44(13): 592-599.

1914 Ostasiatische Decapoden 2. Die Natantia und Reptantia. Abhand. K. Bayer Akad. Wiss. Math. Phys. Kl. München 10 (Supple.-Bd. 2).

1914* Über einige interessante Decapoden der "Pola" Expedition in das Rote Meer. Anz. Akad. Wiss. Math. Kl. 1914:133-139.

1915 Die decapoden des Roten Meeres. 1. Macruren Expeditionen S. M. Schiff "Pola" in das Rote Meer, Nördliche und Südliche Hälfte 1895/96-1897/98. Zool. Ergeb. 30. Denkschr. K. Akad. Wiss. Math.-Nat. Kl. Wien 91:1-38.

1916* Crustacea. 2: Decapoda Macrura u. Anomura (ausser Fam. Paguridae). Beitr. Kenn. Meeresfauna Westafricas 2: 13-46.

1925* Macrura der Deutschen Tiefsee-Expedition. 2. Natantia, Teil A. Wiss. Ergeb. Deutsche. Tiefsee-Exped. 20(5): 189-315.

1927* Macrura der Deutschen Tiefsee-Expedition. 2. Natantia, Teil A. Wiss. Ergeb. Deutsche. Tiefsee-Exped. 23(6).

1927* Macrura der Deutschen Tiefsee-Expedition. 3. Natantia, Teil B. Wiss. Ergeb. Deutsch. Tiefsee-Exped. 23(6): 247-275.

1927* Bericht über die Crustacea Decapoda (Natantia u. Anomura). Zool. Res. Cambridge Exped. to Suez Canal, 14. Trans. Zool. Soc. London 22(2): 12.

Balss, Heinrich

1933* Ueber einige marine Penaeida (Crustacea Decapoda) des Malaiischen Archipels. Treubia 14: 227-236.

Barnard, K. H.

1926 Report on a collection of crustacea from Portuguese East Africa. Trans. Roy. Soc. S. Afr. 13: 119-130.

1946 Descriptions of new species of South African Decapod Crustacea, with notes on synonymy and new records. An. Mag. Nat. Hist. Ser. 11, 13: 361-392.

1950 Descriptive catalogue of South African Decapod Crustacea (crabs and shrimps). An. S. Afr. Mus. 38: 1-837.

Bate, C. Spence

1864 Crustacea. Zool. Rec. 1: 257-311.

1878 On the nauplius stage of prawns. An. Mag. Nat. Hist. Ser. 5, 2:79-85.

1881 On the Penaeidea. An. Mag. Nat. Hist. Ser. 5, 8:169-196.

1888 Report on the Crustacea Macrura collected by H. M. S. "Challenger" during the year 1873-76. Rep. Sci. Res. H.M.S. "Challenger" 1873-76.

Baughman, J. L.

1946* A biologist's viewpoint. South Texan 14(2): 7, 15-17.

1947* Fisheries in Texas. South. Fish. 7(3): 180-181, 254.

1949 The future of Texas fisheries. Proc. Gulf Carib. Fish. Inst., Inaug. Sess., pp. 15-19.

Baughman, J. L.

1950 Potentialities of the Gulf of Mexico fisheries and recommendations for their realization. Proc. Gulf Carib. Fish. Inst., Second Ann. Sess., pp. 118-126.

1950 The Texas shrimp fishery and its management. South. Fish. 10(3): 156-157, 372.

Beebe, William

1936 Food of the Bermuda and West Indian tunas of the genera Parathunnus and Neothunnus. Zoologica 21 (pt. 3): 195-205.

Beer, Theodor

1899* Vergleichend-physiologische Studien zur Statocystenfunction. 2. Versuche an Crustacean (Penaeus membranaceus). Arch. Ges. Physiol. 74:364-382.

Beerstecher, Ernest, Jr.

1952 The nutrition of the Crustacea. In: Vitamins and Hormones: Advances in Research and Applications. Vol. 10:69-77. Academic Press, New York, N. Y.

Behre, E. H.

1950* Annotated list of the fauna of the Grande Isle region, 1928-1946. Occ. Papers Mar. Lab. La. State Univ. 6: 66 pp.

Benedict, James E.

1894 Notice of the crustaceans collected by the United States scientific expedition to the west coast of Africa. Proc. U. S. Nat. Mus. 16: 535-541.

Bennett, R. D.

1947 Report of conference on the effect of explosions on marine life, 5 September 1947. U.S. Nav. Ord. Lab. Memo. 9424: 13 pp.

Berdegué A., Julio

1955* La pesqueria de la totoaba (Cynoscion macdonaldi Gilbert) en San Felipe, Baja California. Rev. Soc. Mexicana Hist. Nat. 16(1/4): 45-78.

Berg, C.

1898* Sobre el langostin y el camarón, dos Crustáceos Macruros de aquas Argentinas y Uruguayas. Comun. Mus. Nac. Buenos Aires, I.

Blanco, Guillermo J., and Felix J. Arriola

1937 Five species of Philippine shrimps of the genus Penaeus. Philip. J. Sci. 62(2): 219-227.

Boas, J. E. V.

1880 Studier over Decapodernas Slaegtskabsforhold. Kong. Danske Vidensk. Selsk. Skr., Ser. 6, Nat. og Math. 1:25-210.

1883* Studien uber die Verwandtschafts Beziehungen der Malakostraken. Gegenbaurs Morphol. Jahrb. Vol. 8.

Boone, Lee

1927 Scientific results of the first oceanographic expedition of the "Pawnee" 1925. Crustacea from tropical east American seas. Bull. Bingham Oceanog. Coll., 1(art. 2): 1-147.

1930 Scientific results of the cruises of the yachts "Eagle" and "Ara", 1921-1928. Crustacea: Anomura, Macrura, Schizopoda, Isopoda, Amphipoda, Mysidacea, Cirripedia, and Copepoda. Bull. Vanderbilt Mar. Mus. 3: 1-221.

1931 A Collection of anomuran and macruran Crustacea from the Bay of Panama and the fresh waters of the Canal Zone. Bull. Amer. Mus. Nat. Hist. 63 (art. 2): 137-189.

Boone, Lee

1935 Scientific results of the world cruise of the yacht "Alva", 1931. Crustacea: Anomura, Macrura, Euphausiacea, Isopoda, Amphipoda, and Echinodermata: Asteroidea and Echinoidea. Bull. Vanderbilt Mar. Mus. 6: 1-264.

Borradaile, L. A.

1898 On some crustaceans from the South Pacific. Part 3. Macrura. Proc. Zool. Soc. London 1898:1000-1015.

1907 On the classification of the decapod crustaceans. An. Mag. Nat. Hist. Ser. 7, 19:32-486.

1910* Penaeidae, Stenopidae and Reptantia from the western Indian Ocean. Trans. Linn. Soc. London (Zool.), Ser. 2, 13(Pt. 2): 257-264.

1916 Crustacea. Part 1-Decapoda. Brit. Ant. ("Terra Nova") Exped. Nat. Hist. Rep. Zool. 3(2): 75-110.

Boutan, Louis

1927* Le X ème Congrès des pêches et industries maritimes. Bull. Trav. Stat. Aquicult. Pêche Castiglione, Fasc. 2: 9-100.

Boutan, L., and A. Argilas

1927* Les trois crevettes des côtes d'Algérie que paraissent avoir intérêt économique. Bull. Trav. Stat. Aquicult. Pêche Castiglione Fasc. 2: 251-272.

Bouvier, E. L.

1905 Sur les Crustacés décapodes (abstraction faite des Carides) recueillis par le yacht "Princesse-Alice" au cours de la campagne de 1905. C. R. Acad. Sci. 141: 644-647. Also: Bull. Mus. Océanog. Monaco, No. 55: 4 pp.

Bouvier, E. L.

1905 Sur les Macroures nageurs (abstraction fait des Carides) recueillis par les expéditions américaines du Hassler et du Blake. C. R. Acad. Sci. 141: 746-749.

1905 Sur les Pénéides et les Sténopides recueillis par les Expéditions françaises et monégasques dans l'Atlantique oriental. C. R. Acad. Sci. 140: 980-983.

1906* La faune bathypélagique et la faune des grands fonds. Rev. Gen. Sci. Pure et Appl. 17(11).

1906 Observations sur les Pénéides du genru Haliporus sp. Bate. Bull. Mus. Oceanog. Monaco, No. 80: 1-11.

1906 Suite aux observations sur les Gennadas ou Pénéides bathypélagiques. C. R. Acad. Sci. 142: 746-750.

1906 Sur les Gennadas ou Pénéides bathypélagiques. C. R. Acad. Sci. 142: 686-690.

1906 Zoologie. Sur les Gennadas ou Pénéides bathypélagiques. Bull. Mus. Océanog. Monaco No. 80: 13 pp.

1906* Sur l'Haliporus androgynus, Pénéide nouveau provenant des campagnes du TALISMAN. Bull. Mus. Hist. Nat., Paris, 12: 253-256.

1907* Crustacés décapodes nouveaux recueillis a Paita (Perou). Bull. Mus. Hist. Nat., Paris, 2.

1907 Sur les mécanisme des transformations en milieu normal chez les crustacés. C. R. Acad. Sci. 144: 301-306.

1907 Sur la position zoologique, les affinités et le développement des Pénéides du genre Funchalia, Johnson. C. R. Acad. Sci. 144: 951-954.

Bouvier, E. L.

1907 Quelques impressions d'un naturaliste au cours d'une campagne scientifique de S.A.S. le Prince de Monaco (1905). Bull. Mus. Oceanog. Monaco, No. 93: 103 pp.

1908* Quelques observations systématiques sur la sous-famille des Penaeinae Alcock. Bull. Mus. Oceanog. Monaco, No. 119: 10 pp.

1908 Crustacés décapodes (Pénéides) provenant des campagnes de "l'Hirondelle" et de la "Princesse-Alice" (1886-1907). Résult. Camp. Sci. Monaco, Fasc. 33: 122 pp.

1922* Observations complémentaires sur les Crustacés Décapodes (abstraction faite des Carides) provenant des Campagnes de S.A.S. le Prince de Monaco. Résult. Camp. Sci. Monaco, Fasc. 62: 106 pp.

Boyd, W. W.

1938 Coastal operations. Texas Game, Fish and Oyster Com., Ann. Rep., pp. 25-40.

Breuer, Joseph P.

1957 Ecological survey of Baffin and Alazan Bays, Texas. Publ. Inst. Mar. Sci. 4 (2): 134-155.

Brian, A.

1931* La biologia del fondo a "Scampi" nel Mare Ligure. 5. Aristeomorpha, Aristeus ed altri macruri natanti. Boll. Mus. Zool. Anat. Comp., Genoa, 11(45): 1-6.

1932* I gamberi rossi nel mercato di Genova. Il Corriere della Pesca Anno 6, n. 50-52.

1938* L'armatura triturante dello stomaco di alcuni Peneidi mesoabissali e della Pasiphaea multidentata Esmark. Monit. Zool. Ital. 49: 153-165.

Brian, A.

1942* I crostacei eduli del mercato de Genova. Boll. Pesca Pisc. Idrobiol. 18(2-3): 25-60.

Broad, Carter

1949 Identification of the commercial common shrimp species. Comm. Fish. Rev., F.W.S., 11 (12): 1-4. Also: Fishery Leaflet, F.W.S., No. 366: 4 pp.

1950* The North Carolina shrimp survey. Univ. N.C. Inst. Fish. Res., Ann. Rep. 1950, 62 pp.

1950* The shrimp fishery of the Florida Keys. Univ. N. C. Inst. Fish. Res. (Mimeo.) 1-13.

1951 Results of shrimp research in North Carolina. Proc. Gulf Carib. Fish. Inst., Third Ann. Sess., pp. 27-35.

1951 The shrimps in North Carolina. In: Survey of Marine Fisheries of North Carolina by Harden F. Taylor (and associates). Univ. North Carolina Press, Chapel Hill, N. C. pp. 191-204.

Brooks, W. K.

1882 The metamorphosis of Penaeus. An. Mag. Nat. Hist. Ser. 5, 11: 147-149. Also: Johns Hopkins Univ. Circ., Nov. 1882, p. 6.

Brooks, W. K., and F. H. Herrick

1891 The embryology and metamorphosis of the Macroura. Mem. Nat. Acad. Sci. 5: 321-576.

Buller, Raymond J.

1951 A fishery survey of southern coastal waters. Spec. Sci. Rep. Fish., F.W.S., No. 58: 21 pp.

Bullis, Harvey R., Jr.

1951 Gulf of Mexico shrimp trawl designs. Fishery Leaflet, F.W.S., No. 394: 16 pp.

1952 The gear development program of the M/V "Oregon". Proc. Gulf Carib. Fish. Inst., Fourth Ann. Sess., pp. 101-103.

1955 Shrimp exploration and gear research in the Gulf of Mexico. Indo-Pac. Fish. Coun., Sixth Sess., Symp. 7: 4 pp.

1956 Preliminary results of deepwater exploration for shrimp in the Gulf of Mexico by the M/V "Oregon" (1950-1956). Comm. Fish. Rev., F.W.S., 18 (12): 1-12.

1957 The royal-red shrimp, its habitat and potential. South. Fish. 17(5): 23, 24, 32.

1957 Royal red shrimp--a new South Atlantic resource. Proc. Gulf Carib. Fish. Inst., Ninth Ann. Sess., pp. 56-60.

Burdon, T. W.

1953* Annual Report of the Fisheries Department for Colony of Singapore (1952). Singapore.

Burkenroad, Martin D.

1934 The Penaeidae of Louisiana with a discussion of their world relationships. Bull. Amer. Mus. Nat. Hist. 68(2): 61-143.

1934 Littoral Penaeidae chiefly from the Bingham Oceanographic Collection, with a revision of Penaeopsis and descriptions of two new genera and eleven new American species. Bull. Bingham Oceanog. Coll. 4 (art. 7): 1-109.

Burkenroad, Martin D.

1936 The Aristaeinae, Solenocerinae and pelagic Penaeinae Of the Bingham Oceanographic Collection. Materials for a revision of the oceanic Penaeidae. Bull. Bingham Oceanog. Coll. 5(art. 2): 1-151.

1936 A new species of Penaeus from the American Atlantic. An. Acad. Bras. Cien. 8(4): 315-318.

1938 The Templeton Crocker Expedition. 13. Penaeidae from the region of Lower California and Clarion Island, with descriptions of four new species. Zoologica, 23 (pt. 1): 55-91.

1939 Further observations on Penaeidae of the Northern Gulf of Mexico. Bull. Bingham Oceanog. Coll. 6 (art. 6): 1-62.

1940 Preliminary descriptions of twenty-one new species of pelagic Penaeidae (Crustacea Decapoda) from the Danish Oceanographical Expeditions. An. Mag. Nat. Hist., Ser. 11, 6:35-54.

1946 Status of the name Sicyonia H. M. E. with a note on S. typica (Boeck) and descriptions of two new species. Ark. Zool. 37 A (9): 1-10.

1946* The development of marine resources in Indonesia. Far East. Quart., Feb., pp. 189-199.

1949 Occurrence and life histories of commercial shrimp. Science 110 (2869): 688-689.

1951 Measurement of the natural growth-rates of decapod crustaceans. Proc. Gulf Carib. Fish. Inst., Third Ann. Sess., pp. 25-26.

1951 Some principles of marine fishery biology. Publ. Inst. Mar. Sci. 2(1): 177-212.

Burkenroad, Martin D., J. L. Obarrio and C. A. Mendoza

1955 La pesca del camarón en Panamá. I. Evaluación de Nuestra Riqueza Camaronera. Rev. Agric. Com. Indust. 13(21): 8 pp.

Calman, W. T.

1896* On deep-sea Crustacea from the south west of Ireland. Trans. Roy. Irish Acad. 31 (pt. 1).

1903 On macrurous Crustacea obtained by Mr. George Murray during the cruise of the "Oceana" in 1898. An. Mag. Nat. Hist. Ser. 7, 11:416-420.

1904 On the classification of the Crustacea Malacostraca. An. Mag. Nat. Hist. Ser. 7, 13:144-158.

1909* Appendiculata, Part 7, Crustacea, Third Fascicle. In: A Treatise on Zoology. Edited by Sir Ray Lankester. Pp. 1-346. Adam and Charles Black, London, England.

1923 The synonymy of a penaeid prawn, Penaeopsis philipii (Spence Bate). An. Mag. Nat. Hist., Ser. 9, 12:536-539.

1925* On macrurous decapod Crustacea collected in South African waters by the S. S. "Pickle" with a note on specimens of the genus Sergestes by H. J. Hansen. Rep. Fish. Mar. Biol. Surv. S. Africa 4(3): 1-26.

Camber, C. Isaac

1955 A survey of the red snapper fishery of the Gulf of Mexico, with special reference to the Campeche Banks. Fla. State Bd. Conserv. Tech. Ser., No. 12: 63 pp.

Camber, C. Isaac

1956 Shrimp vessel efficiency studies. Proc. Gulf Carib. Fish. Inst., Eighth Ann. Sess., pp. 69-75.

Cannon, H. G., and S. M. Manton

1927* Notes on the segmental excretory organs of Crustacea. J. Linn. Soc. (Zool.), London 36: 439-456.

Carlson, Carl B.

1952 Increasing the spread of shrimp trawls. Comm. Fish. Rev., F.W.S., 14 (7): 13-15.

1953 Shrimp exploration of the M/V "Antillas". Proc. Gulf Carib. Fish. Inst., Fifth Ann. Sess., pp. 32-35.

Carranza, Jorge

1957 Marine fisheries of the Yucatan Peninsula, Mexico. Proc. Gulf Carib. Fish. Inst., Ninth Ann. Sess., pp. 145-150.

Carson, Rachel L.

1944 Fish and shellfish of the south Atlantic and Gulf coasts. Conserv. Bull., U.S.D.I., No. 37: 45 pp.

Cary, L. R., and M. H. Spaulding

1909* Further contributions to the marine fauna of the Louisiana coast. Bull. Gulf Biol. Stat. 12: 1-21.

Caullery, M.

1896* Crustacés Schizopodes et Decapodes. In: Results scientifiques de la campagne du "Caudan" dans le Golfe de Gascogne - Aout-Septembre 1895. By R. Koehler. Ann. Lyons Univ. 26: 365-419.

Chace, Fenner A., Jr.

1942 Scientific results of a fourth expedition to forested areas in eastern Africa. 3. Decapod Crustacea. Bull. Mus. Comp. Zool. 91 (Art. 3): 183-233.

1951 The number of species of Decapod and Stomatopod Crustacea. J. Wash. Acad. Sci. 41 (11): 370-372.

1955 Notes on shrimps from the Marshall Islands. Proc. U. S. Nat. Mus. 105 (3349): 1-22.

Chacko, P. I.

1956* Prawn fisheries of Madras State, India. Madras Government Publication, Madras, India.

Chacko, P. I., and S. V. Ganapati

1952* Fish culture in paddy fields. Ind-Com J., No. 8: 3 pp.

Chapman, W. E.

1917* The shrimp industry at Mazatlan. Daily Consul. and Trade Rep., U. S. Dept. Comm. No. 198: 730-731.

Chapman, W. M.

1951 International aspects of the shrimp fishery in the Gulf of Mexico (abstract). Proc. Gulf Carib. Fish. Inst., Third Ann. Sess., p. 52.

Charernphol, Swarng

1952 Indigenous marine fishing gear of Thailand. Supplementary note. Proc. Indo-Pac. Fish. Coun., 3rd Meet., Sec. 2, Tech. Pap. 11, pp. 138-143.

Chauvin, A. B.

1951 The outlook for continued shrimp production in Louisiana, 1951. Proc. Gulf Carib. Fish. Inst., Third Ann. Sess., pp. 22-23.

Chechan, C., R. Grangaud, and R. Massonet

1950 Recherches sur les pigments caroténoides des Penaeidae. Examens spectrophotométriques. C. R. Soc. Biol. 144 (15-16): 1025-1028.

Chin, Edward, and Donald M. Allen

1957 Toxicity of an insecticide to two species of shrimp, Penaeus aztecus and Penaeus setiferus. Texas. J. Sci. 9 (3): 270-278.

Chopra, B. N.

1923 Bopyrid isopods on Indian decapod Macrura. Rec. Indian Mus. 25 (Pt. 5): 411-550.

1930 Pearl-like object found in a prawn. Nature 126 (3179): 502-503.

1939* Some food prawns and crabs of India and their fisheries. J. Bombay Nat. Hist. Soc. 41(2): 221-234.

1943 Prawn fisheries in India. Curr. Sci. 12(2): 71.

1943* Prawn fisheries of India. Proc. Ind. Sci. Cong. 30(2): 153-173.

Claus, C.

1876* Untersuchungen zur Erforschung der genealogischen Grundlage des Crustaceen-systems. Wien, Austria, 124 pp.

1885* Neue beiträge zur morphologie der Crustaceen. Arb. Zool. Inst. Univ. Wien 6: 1-108.

Clifford, D. M.

1955 Marketing and utilization of shrimp in the United States. Indo-Pac. Fish. Coun., Sixth Sess., Symp. 10: 8 pp.

Collier, Albert W.

1938 Coast biologist studying shrimp. Texas Game, Fish, and Oyster Com. Monthly Bull. 1(7): 3.

1938 Along the coast. Texas Game, Fish and Oyster Com. Monthly Bull. 1(8): 3.

Colman, John S., and L. H. N. Cooper

1954 The "Rosaura" expedition. 2. Underwater illumination and ecology in tropical estuaries. Bull. Brit. Mus. (Nat. Hist.) Zool., 2 (6): 131-137.

Colosi, Giuseppe

1918 Crostacei Decapodi raccolti nella Somalia dai dottori Stefanini e Paoli. Monit. Zool. Ital. 29:100-108.

Conn, H. W.

1884* The significance of the larval skin of Decapoda. Stud. Biol. Lab. Johns Hopkins Univ. 3(1): 27 pp.

Costello, Thomas J.

1957 Aims and progress in Gulf Fishery Investigations' shrimp research. Proc. Gulf Carib. Fish Inst., Ninth Ann. Sess., pp. 5-6.

Coutière, H.

1905 Note Préliminaire sur les Eucyphotes recueillis par S.A.S. le Prince de Monaco à l'aide du filet à grande ouverture. Bull. Mus. Oceanog. Monaco, No. 48: 35 pp.

1905 Sur les affinités multiples des Hoplophoridae. C. R. Acad. Sci. 141: 219-222.

1905 Sur les épipodites des Crustacés Eucyphotes. C. R. Acad. Sci. 141: 64-66.

1905 Sur quelques points de la morphologie des Schizopodes. C. R. Acad. Sci. 141: 127-130.

Dakin, William J.

1935* Science and sea fisheries with special reference to Australia. Pap. Proc. Roy. Soc. Tasmania, 1934: 21-25.

1938 The habits and life-history of a Penaeid Prawn (Penaeus plebejus Hess). Proc. Zool. Soc. London, Ser. A, 108: 163-183.

1940* Further notes on the life history of the king prawn (Penaeus plebejus Hess). Rec. Austral. Mus. 20(5): 354-359.

1946* A further step in the elucidation of the strange story of the penaeid prawns. Austral. J. Sci. 8(6): 160-161.

1946 Life-history of a species of Metapenaeus in Australian coastal lakes. Nature 158(4003): 99.

Dakin, W. J., and A. N. Colefax

1940* The plankton of the Australian coastal waters off New South Wales. Monog. Univ. Sydney Dept. Zool., No. 1.

1940* The plankton of the Australian coastal waters off New South Wales. Part I: Euphausiacea and Decapoda. Rec. Austral. Mus. 20: 143-190.

Dall, W.

1956 Australian prawns--identification and biology. Fish. Newslett. 15 (2): 5, 7, 9, 21.

1957 A revision of the Australian species of Penaeinae (Crustacea Decapoda: Penaeidae). Aust. J. Mar. Fresh. Res. 8 (2): 136-231.

1958 Observations on the biology of the greentail prawn, Metapenaeus mastersii (Haswell) (Crustacea Decapoda: Penaeidae). Austral. J. Mar. Fresh. Res. 9(1): 111-134.

Dana, James D.

1852* Crustacea. Part 1. In: United States Exploring Expedition, during the years 1838, 1839, 1840, 1841, 1842, under the command of Charles Wilkes, U.S.N. Vol. 13, S. Sherman, Philadelphia, Pa.

Darnell, Rezneat M., and Austin B. Williams

1956 A note on the occurrence of the pink shrimp Penaeus duorarum in Louisiana waters. Ecology 37(4):844-846.

Dawson, C. E.

1957 Studies on the marking of commercial shrimp with biological stains. Spec. Sci. Rep. Fish., F.W.S., No. 231: 24 pp.

1957 Balanus fouling of shrimp. Science 126(3282): 1068.

1958* Preliminary report on the effects of closing Calibogue Sound, South Carolina, to shrimp trawling. Bears Bluff Lab., 13 pp.

1958 Observations on the infection of the shrimp, Penaeus semisulcatus, by Epipenaeon elegans in the Persian Gulf. J. Parasit. 44(2):240-241.

De Almeida, M. E. Wohlers

1955 Aminoacidos livres em camarões - variações decorridas durante a decomposição. Revista do Instituto Adolfo Lutz, 15: 158-167.

De Brito Capello, F.

1864* Descripcáo de tres especies novas de Crustaceos de Africa occidental e observacóes acera do Penaeus bocagei especie nova dos mares de Portugal. Lisbon, Portugal.

1865* Observacoes acera do Penaeus bocagei, Johnson. Mem. Acad. Sci. Lisboa 3(2).

Delmendo, M. N., and H. R. Rabanal

1955 Rate of growth of the sugpo (jumbo tiger shrimp) Penaeus monodon Fabricius with notes on its culture in brackish water ponds. Indo-Pac. Fish. Coun., Sixth Sess., Symp. 5: 12 pp.

De Man, J. G.

1880* On some podophthalmous Crustacea presented to the Leyden Museum by Mr. J. A. Kruyt, collected in the Red Sea near the city of Djeddah. Notes Leyden Mus. 2:171-185.

1887 Bericht über die von Herrn Dr. J. Brock im indischen Archipel gesammelten Decapoden und Stomatopoden. Arch. Naturg. 53: 215-600.

1888 Report on the podophthalmonus Crustacea of the Mergui Archipelago, collected for the trustees of the Indian Museum, Calcutta, by Dr. John Anderson, F.R.S., Superintendent of the Museum. J. Linn. Soc. London (Zool.) 22 (Nos. 136-140): 1-312.

1892* Decapoden des Indischen Archipels. In: Zoologische Ergebnisse einer Reise in Niederländisch Ostindien. Vol. 2, pp. 265-527. By Max Weber. Leyden, Netherlands.

1896 Heteropenaeus longimanus nov. gen. n. sp., eine neue Penaeide aus der Java-See. Zool. Anz. 19 (498): 111-113.

1898 Bericht über die von Herrn Schiffscapitän Storm zu Atjeh, an den westlichen Küster von Malakka, Borneo und Celebes sowie in der Java-See gesammelten Decapoden und Stomatopoden. Sechster (Schluss-) Theil. Zool. Jahr. Abt. Syst. Geogr. Biol. 10(6): 677-708.

1902* Die von Herrn Professor Kükenthal im Indischen Archipel gesammelten Decapoden und Stomatopoden. In: Ergebnisse einer Zoologischen Forshungsreise in den Molukken und Borneo. By W. Kükenthal. Abhand. Senckenb. Naturf. Ges. 25: 467-929.

De Man, J. G.

1907* On a collection of Crustacea, Decapoda and Stomatopoda, chiefly from the Inland Sea of Japan with descriptions of new species. Trans. Linn. Soc. London (Zool.), Ser, 2, 9: 387-454.

1907* Diagnoses of new species of macrurous decapod Crustacea from the Siboga-Expedition. Notes Leyden Mus. 29: 127-145.

1908* Diagnoses of new species of macrurous decapod Crustacea from Siboga Expedition. Notes Leyden Mus. 29: 145-147.

1911* The Decapoda of the Siboga Expedition. Part I, Family Penaeidae. Siboga-Exped., Livr. 55, Monogr. 39a: 131 pp.

1912 Sur quelques Palaemonidae et sur une espèce de Penaeus de l'Afrique occidentale, avec des observations sur le Palaemon (Eupalaemon) acanthurus Wiegm. de l'Amerique du sud. Ann. Soc. Roy. Zool. Malac. Belg. 46 (1911): 197-253.

1920* Diagnoses of some new species of Penaeidae and Alpheidae with remarks on two known species of the genus Penaopsis A. M.-Edw. from the Indian Archipelago. Zool. Meded. 5(103-109).

1922* The Decapoda of the Siboga Expedition. Pt. 5. On a collection of macrurous decapod crustacea of the Siboga Expedition, chiefly Penaeidae and Alpheidae. Siboga Exped., Livr. 93, Monogr. $39a^4$: 1-51.

1924* On a collection of macrurous decapod Crustacea, chiefly Penaeidae and Alpheidae, from the Indian Archipelago. Arch. Naturg., 90 Abt. A, Heft 2: 1-60.

1925* Contribution a l'étude des Décapodes macroures marins et fluviatiles du bassin du Congo. An. Mus. Roy. Congo Belge, Sér. 3 Zool. Sec. 3, Fasc. 1: 1-54.

De Miranda y Rivera, A.

1941* Nota sobre Aristeomorpha foliacea (Risso) (Decapoda Natantia). An. Asoc. Esp. Progr. Cienc. 6(3): 653-659.

Denham, S. C.

1948 Gulf coast shrimp fisheries, January-June, 1948. Comm. Fish. Rev., F.W.S., 10(10): 11-18.

De Sylva, Donald P.

1954 The live bait shrimp fishery of the northeast coast of Florida. Fla. State Bd. Conserv. Tech. Ser., No. 11: 35 pp.

De Zylva, E. R. A.

1955 The prawn fisheries of Ceylon. Indo-Pac. Fish. Coun., Sixth Sess., Symp. 1: 5 pp.

Dieuzeide, R.

1952 Les "crevettes" des côtes d'Algérie. Débats Doc. Tech. Gen. Fish. Coun. Medit. pp. 38-49.

Dieuzeide, R., and A. Argilas

1928* Essais de conservation temporaire de crustacés et de sardines; les conserves de crevettes. Bull. Trav. Stat. Aguicult. Pêche Castiglione Fasc. 2: 113-125.

Djajadiredja, R. R., and M. Sachlan

1955 Shrimp and prawn fisheries in Indonesia with special reference to those in Kroya District. Indo-Pac. Fish. Coun., Sixth Sess., Symp. 14: 33 pp.

Doflein, F.

1902* Ostasiatische Decapoden. Abhand. K. Bayer Akad. Wiss. Math. Phys. Kl. 2, 21 (Abt. 3).

Dohrn, Anton

1871* Untersuchungen über Bau und Entwicklung der Arthropoden. 11. Zweiter Beitrag zur Kenntnis der Malacostraken und ihrer Larvenformen. Zeit. Wiss. Zool. 21: 356-378.

Domantay, J. S.

1955 Prawn fisheries of the Philippines. Indo-Pac. Fish. Coun., Sixth Sess., Symp. 8: 7 pp.

Duges, Alfredo

1907* Apuntes de bromatologia animal para Mexico. Mem. Rev. Soc. Cient. Alzate 24: 331-338.

Duvernoy, G. L.

1841* Sur une nouvelle forme de branchies, decouverte dans une espèce de Crustacé décapode macroure qui devra former le type d'un genre nouveau (Aristeus antennatus Nob.). An. Sci. Nat. (Zool.), Vol. 15.

Eldred, Bonnie

1958 Observations on the structural development of the genitalia and the impregnation of the pink shrimp, Penaeus duorarum Burkenroad. Fla. State Bd. Conserv. Tech. Ser., No. 23: pp. 1-26.

1958 Meioceras lermondi as food for Penaeus duorarum? Nautilus 71(4): 152.

Ellison, W. A., Jr.

1948* Third semi-annual report. Univ. N. C. Inst. Fish. Res., 24 pp.

Estampador, Eulogio P.

1937 A check list of Philippine crustacean decapods. Philip. J. Sci. 62: 465-559.

Fabricius, O.

1798* Supplementum entomologiae systematicae. Hafniae, Copenhagen, Denmark.

Farwell, George

1952* Australian prawning. Pan-American Fisherman 7(2): 10.

Faxon, Walter

1893 Reports on the dredging operations off the west coast of Central America to the Galapagos, to the West Coast of Mexico, and in the Gulf of California, in charge of Alexander Agassiz, carried on by the U. S. Fish Commission Steamer "Albatross", during 1891. 6. Preliminary descriptions of new species of Crustacea. Bull. Mus. Comp. Zool. 24 (Art. 7): 149-220.

1895 Reports on an exploration off the west coasts of Mexico, Central and South America, and off the Galapagos Islands, in charge of Alexander Agassiz, by the U. S. Fish Commission Steamer "Albatross", during 1891. Mem. Mus. Comp. Zool. 18: 5-292.

1896 Reports on the results of dredging, under the supervision of Alexander Agassiz, in the Gulf of Mexico and the Caribbean Sea, and on the East Coast of the United States, 1877-1880, by the U. S. C.S.S. "Blake". 27. Supplementary Notes on the Crustacea. Bull. Mus. Comp. Zool. 39 (art. 3): 151-166.

Ferreira, Hector

1956 Pacific shrimp-rich resource of modern Mexico. Pacific Fisherman (Yearbook Number) 54(2): 169-173.

Fesquet, Alberto E. J.

1933* Anotaciones para una monografia sobre el langostin (Pleoticus mülleri Bate). Pp. 1-35. Buenos Aires, Argentina.

Fesquet, Alberto E. J.

1936* Breves apuntes sobre la constitución y descripción de los apéndices del langostin (Pleoticus mülleri Bate 1888). Rev. Centro Estud. Doct. Cienc. Nat. 1(2): 61-70.

1941* Descripción del mecanismo articular de los pendunculos oculares de Artemesia longinaris y de Himenopenaeus mülleri (Bate). Holmbergia 3 (6): 64-67.

1941 Estudio de la morfologia externa del camaron de rostro largo (Artemesia longinaris Bate, 1888). An. Soc. Cient. Argentina 131(2): 60-95.

Figueroa, Mauro Cardenas

1947* Algunas notas sobre la biologia y la pesca de los camarones del Mar de Cortéz. Rev. Soc. Mexicana Hist. Nat. 8(1/4): 115-130.

1951* Ciclo evolutivo de tres peneidos del noroeste de Mexico. (Life cycle of three peneids of northwestern Mexico.) Rev. Soc. Mexicana Hist. Nat. 12(1/4): 229-258.

1952* Descripcion del espermatoforo de Penaeus stylirostris Stimpson. Rev. Soc. Mexicana Hist. Nat. 13: 35-43.

Filbo, Elyamaun Magalhaes

1943* Processo de determinacao de maturidade do camarao. Bol. Minist. Agric., Brazil 32(9): 11-26.

Fisher, L. R.

1957 Vitamins. In: The Physiology of Crustacea. Edited by T. H. Waterman. Academic Press, New York, N. Y.

Fisher, L. R., S. K. Kon, and S. Y. Thompson

1953 Vitamin A and carotenoids in some Mediterranean Crustacea with a note on the swarming of Meganyctiphanes. Bull. Inst. Oceanog. Monaco, No. 1021: 19 pp.

1957 Vitamin A and carotenoids in certain invertebrates 6. Crustacea: Penaeidea. J. Mar. Biol. Assoc. U. K. 36(3): 501-507.

Flint, Lewis H.

1956 Notes on the algal food of shrimp and oysters. Proc. La. Acad. Sci. 19: 11-14.

Fourmanoir, P.

1952 Les crevettes d'intérêt economique à Madagascar. Nat. Malgache 4(2): 163-168.

Foxon, G. E. H.

1934 Notes on the swimming methods and habits of certain crustacean larvae. J. Mar. Biol. Assoc. U. K. 19(2): 829-849.

Fujinaga, Motosaku

1955* Life history of Penaeus japonicus. International Technical Conference on the Conservation of the Living Resources of the Sea, Rome, April, 1955. Paper A/CONF. 10/L. 3, App. 1: 89-91.

Gabrielson, Ira N.

1941 South Atlantic and Gulf Fishery Investigations. In: Annual Report of the Director of the Fish and Wildlife Service to the Secretary of the Interior. P. 341. Washington, D. C.

Garcia, Antonio G.

1939* La pesca de camaron en la costa del Pacifico. (Shrimp fishing on the Pacific coast.) Rev. Soc. Mexicana Hist. Nat. 1(1): 45-55.

Gates, Wm. H.

1910* Shrimp. Gulf Biol. Sta., Fifth Bienn. Rep., pp. 8-12.

Giard, Alfred

1878 On the nauplius and pupa stage of Suctoria. An. Mag. Nat. Hist. Ser. 5, 2:233-234.

Giard, A., and J. Bonnier

1892 Sur le Cerataspis petiti Guérin et sur la position systématique du genre Cerataspis Gray (Cryptopus Latreille). C. R. Acad. Sci. 114: 1029-1032.

Gomez de la Maza, Federico

1952* Los camarones de mar en Cuba. Rev. Agricultura, 35(1): 167.

Goodwin, Delbert G.

1952 Crustacea collected during the 1950 bottom-fish investigations of the M. V. "N. B. Scofield". Calif. Fish and Game 38 (2): 163-181.

1952 Some decapod Crustacea dredged off the coast of Central California. Proc. Calif. Acad. Sci. 27 (15): 393-395.

Gopalakrishnan, V.

1952* Food and feeding habits of Penaeus indicus. J. Madras Univ., Sec. B, 22(1): 69-75.

1953* Seasonal fluctuations in the fat content of the prawn Penaeus indicus M. Ed. J. Madras Univ., Sec. B, 23(2): 193-202.

Gopinath, K.

1953* Some interesting methods of fishing in the backwaters of Travancore. J. Bombay Nat. Hist. Soc. 51: 466-471.

Gopinath, K.

1955 Prawn culture in the rice fields of Travancore-Cochin, India. Indo-Pac. Fish. Coun., Sixth Sess., Symp. 18: 9 pp.

Gordon, Isabella

1935 On new or imperfectly known species of Crustacea Macrura. J. Linn. Soc. London (Zool.) 39(266: 307-351.

1955 Importance of larval characters in classification. Nature 176(4489): 911-912.

Gordon, Isabella, and R. W. Ingle

1956 On a pelagic penaeid prawn, Funchalia woodwardi Johnson, new to the British fauna. J. Mar. Biol. Assoc. U. K. 35 (3): 475-481.

Gourret, P.

1884* Considérations sur la faune pélagique du Golfe de Marseille. An. Mus. Hist. Nat., Marseille, Zool., 2(mém. 2): 175 pp.

Gowanloch, James N.

1931 The probable cause of "iodine shrimp". La. Conserv. Rev. 2(3): 31-32.

1932* Practical importance of securing more precise statistics of the shrimp fishery. Trans. Amer. Fish. Soc. 32: 111-113.

1933* Fishes and fishing in Louisiana. Bull. La. Dept. Conserv. 23: 76-81.

1934* Sea shrimp, a great Louisiana industry. Bull. La. Dept. Conserv. 24(pt. 1): 143-152.

Gowanloch, James N.

1944 "Iodine shrimp" misunderstood. In: Report of the Chief Biologist. La. Dept. Conserv., Sixteenth Bienn. Rep. 1942-1943, pp. 134-135.

1944 Odd shrimp specimens. In: Report of the Chief Biologist. La. Dept. Conserv., Sixteenth Bienn. Rep. 1942-1943, pp. 147-148.

1946 Effects of seismographic dynamite underwater explosions on marine aquatic life. In: Report of the chief biologist. La. Dept. Wildlife and Fish., First Bienn. Rep. 1944-1945, pp. 143-148.

1948 Report of the Chief Biologist. La. Dept. Wildlife and Fish., Second Bienn. Rep. 1946-1947, pp. 243-266.

1950 Report of Chief Biologist. La. Dept. Wildlife and Fish., Third Bienn. Rep. 1948-1949, pp. 191-307.

1947 Imperative need for Gulf of Mexico pelagic fishery inventory. Trans. 12th N. Amer. Wildlife Conf., pp. 421-424.

Grangaud, R.

1950* Recherches sur l'astaxanthine, nouveau facteur vitaminique A. Thèse Sciences, Lyons, France.

1951* L'astaxanthine, nouveau facteur vitaminique A. Act. Biochim. No. 15: 51 pp.

1953* Sur les pigments carotenoides d'Aristeomorpha foliacea Risso. Bull. Trav. Sta. Aquicult. Pêche Castiglione N. S. No. 4: 373-397.

Grangaud, R., C. Chechan, R. Massonet, and M. Odier

1950 Recherches sur les facteurs vitaminiques A d'huiles de Penaeidae. Bull. Soc. Chim. Biol. 32(3-4):245-249.

Grangaud, R., and R. Massonet

1950 Propietés vitaminiques A d'huiles de Penaeidae. Action préventive chez le rat blanc carencé. C. R. Soc. Biol. 144(15-16): 1030-1033.

1951* Activité vitaminique A de l'astaxanthine. Tunisie Méd. 29: 680-683.

Grangaud, R., R. Massonet, and A. Sansac

1954 Activité antixérophthalmique du pigment caroténoïde de Péneidés (Aristeomorpha foliacea, Risso et Aristeus antennatus, Risso). Technique de préparation des extraits actifs. C. R. Soc. Biol. 148(5-6): 533-536.

Green, Margaret

1949* Bacteriology of shrimp. 1. Introduction and development of experimental procedure. Food Res. 14: 365-371.

Green, Margaret, and E. A. Fieger

1948 The bacterial flora of Gulf shrimp. (Abstract) Proc. La. Acad. Sci. 11: 17.

Grobben, K.

1917* Der Schalenschliessmuskel der dekapoden Crustaceen, zugleich ein Beitrag zur Kenntnis ihre Kopfmusulatur. Sitzungsb. K. Akad. Wiss., Math. Nat. Kl. Wien, Abt. 1, 126: 473-494.

Guest, William C.

1956 The Texas shrimp fishery. Texas Game and Fish Com., Bull. No. 36: 23 pp.

Guilbeau, Braxton H.

1908* Shrimp. Gulf Biol. Sta., Fourth Bienn. Rep., pp. 11-13.

Gunter, Gordon

1936 Studies of the destruction of marine fish by shrimp trawlers in Louisiana. La. Cons erv. Rev. 5 (4): 18-24, 45-46.

1941 Death of fishes due to cold on the Texas coast, January, 1940. Ecology 22(3): 203-208.

1942 Contributions to the natural history of the bottle-nose dolphin Tursiops truncatus (Montague) on the Texas coast, with particular reference to food habits. J. Mammal. 23(3): 267-276.

1942 Offats Bayou, a locality with recurrent summer mortality of marine organisms. Amer. Mid. Nat. 28(3): 631-633.

1943 The Texas shrimp industry. Texas Game and Fish 1(11): 9, 19.

1943 Texas shrimp industry. Texas Game and Fish 1(12): 10, 14, 16.

1945 Studies on marine fishes of Texas. Publ. Inst. Mar. Sci. 1 (1): 190 pp.

1947 Paleoecological import of certain relationships of marine annimals to salinity. J. Paleontology, 21(1): 77-79.

1950 Seasonal population changes and distributions as related to salinity, of certain invertebrates of the Texas coast, including the commercial shrimp. Publ. Inst. Mar. Sci. 1 (2): 7-51.

1951* Biological knowledge of shrimp. Seafood Business 3(7): 8-10.

1951 Consumption of shrimp by the bottle-nosed dolphin. J. Mammal. 32 (4): 465-466.

Gunter, Gordon

1952 Historical changes in the Mississippi River and the adjacent marine environment. Publ. Inst. Mar. Sci. 2 (2): 119-139.

1956 Should shrimp and game fishes become more or less abundant as pressure increases in the trash fish fishery of the Gulf of Mexico? La. Conserv. 8 (4): 11, 14, 15, 19.

1956 Some relations of faunal distributions to salinity in estuarine waters. Ecology 37 (3): 616-619.

1956 Principles of shrimp fishery management. Proc. Gulf Carib. Fish. Inst., Eighth Ann. Sess., pp. 99-106.

1957 Misuse of generic names of shrimp (Family Penaeidae). System. Zool. 6 (2): 98-100.

Gunter, Gordon, and Henry H. Hildebrand

1951 Destruction of fishes and other organisms on the south Texas coast by the cold wave of January 28, February 3, 1951. Ecology 32 (4): 731-736.

1954 The relation of total rainfall of the state and catch of the marine shrimp (Penaeus setiferus) in Texas waters. Bull. Mar. Sci. Gulf Carib. 4 (2): 95-103.

Gunter, Gordon, Robert H. Williams, Charles C. Davis, and F. G. Walton Smith

1948 Catastrophic mass mortality of marine animals and coincident phytoplankton bloom on the west coast of Florida, November 1946 to August 1947. Ecol. Monog. 18: 309-324.

Gurney, Robert

1924 Crustacea. Part 9 - Decapod larvae. Brit. Ant. ("Terra Nova") Exped. Nat. Hist. Rep. Zool. 8(2): 37-202.

Gurney, Robert

1926 The protozoeal stage in decapod development. An. Mag. Nat. Hist., Ser. 9, 18: 19-27.

1926 Life-history problems of crustacean larvae. Discovery 7(82): 350-352.

1927* Report on the larvae of the Crustacea Decapoda. In: Zoological Results of the Cambridge Expedition to the Suez Canal, 1924. Trans. Zool. Soc. London 22(15): 231-286.

1939 Bibliography of the larvae of decapod Crustacea. Ray Society, No. 125, pp. 1-123.

1942 Larvae of decapod Crustacea. Ray Society No. 129, pp. 1-306.

1943 The larval development of two penaeid prawns from Bermuda of the genera Sicyonia and Penaeopsis. Proc. Zool. Soc. London, Ser., B, 113: 1-16.

1950 A remarkable penaeid larva. Proc. Zool. Soc. London, 119(4): 803-806.

Gurney, Robert, and Marie V. Lebour

1941 On the larvae of certain Crustacea Macrura, mainly from Bermuda. J. Linn. Soc. London (Zool.) 41(27): 89-181.

Hale, H. M.

1927* The Crustaceans of South Australia. Part 1. Govt. Printer, Adelaide, Australia.

Hall, D. N. F.

1955 The validity of the generic names of penaeid prawns. Indo-Pac. Fish. Coun., Sixth Sess., Symp. 17: 2 pp.

Hanström, B.

1933* Neue Untersuchungen über Sinnesorgane und Nervensystem der Crustaceen. Zool. Jahrb., Abt. Anat. und Ont., 56(3-4).

1934* Neue Untersuchungen über Sinnesorgane und Nervensystem der Crustaceen. Zool. Jahrb., Abt. Anat. und Ont., 58(1).

Hardee, W. L.

1952 The development of the Brownsville shrimp industry. Proc. Gulf Carib. Fish. Inst., Fourth Ann. Sess., pp. 75-78.

Harvey, E. Newton

1952 Bioluminescence. Pp. 1-649. Academic Press, New York, N. Y.

Haswell, W. A.

1879* On the Australian species of Penaeus in the McCleay Museum, Sydney. Proc. Linn. Soc. N.S.W. 4(1): 38-44.

1882* Catalogue of the Australian stalk- and sessile-eyed Crustacea. Australian Museum, Sydney, Australia.

Hay, William Perry

1903 On a small collection of crustaceans from the island of Cuba. Proc. U. S. Nat. Mus. 26(1316):429-435.

Hay, W. P., and C. A. Shore

1918 The decapod crustaceans of Beaufort, N. C., and the surrounding region. Bull. U. S. Bur. Fish. 35 (Doc. 859):369-476.

Haysom, N. M.

1953 Prawning in Queensland. Fish. Newslett. 12(2):11, 23.

Hedgpeth, Joel W.

1946 Texas shrimp. Texas Game and Fish 4(12):18-19, 31.

1950 Notes on the marine invertebrate fauna of salt flat areas in the Aransas National Wildlife Refuge, Texas. Publ. Inst. Mar. Sci. 1(2):103-119.

1953 An introduction to the zoogeography of the northwestern Gulf of Mexico with reference to the invertebrate fauna. Publ. Inst. Mar. Sci. 3(1):107-224.

1954 Bottom communities of the Gulf of Mexico. In: Gulf of Mexico, its origin, waters, and marine life. Edited by Paul S. Galtsoff. Fish. Bull. F. W. S., 55(Fish. Bull. 89):203-214.

Heegaard, Poul E.

1953 Observations on spawning and larval history of the shrimp, Penaeus setiferus (L). Publ. Inst. Mar. Sci. 3(1):73-105.

Heldt, H. and J.

1954* Les crustacés comestibules des mers tunisiennes et leur pêche. An. Sta. Océanog. Salammbô, No. 9:1-16.

Heldt, Jeanne H.

1930* Le crevette rose du large (Parapenaeus longirostris) dans les mers tunisiennes. Notes Stat. Océanog. Salammbô No. 14:1-16.

Heldt, Jeanne H.

1930* Parapenaeus longirostris Lucas dans les mers tunisiennes. C. R. Ass. Franc. Av. Sci. 54: 580-582.

1931 Observations sur la ponte, la fécondation et les premiers stades du développement de l'oeuf chez Penaeus caromote Risso. C. R. Acad. Sci. 193: 1093-1041.

1932* Sur quelques differences sexuelles (coloration, taille, rostra) chez deux crevettes tunisiennes: Penaeus caramote Risso et Parapenaeus longirostris Lucas. Bull. Stat. Oceanog. Salammbô No. 27:1-20.

1932 L'appareil génital mâle des crevettes nord-africaines de la famille des Penaeidea. C. R. Acad. Sci. 195: 1325-1327.

1932 Sur la fécondation chez la crevette rose du large Parapenaeus longirostris Lucas. C. R. Acad. Sci. 194:2162-2163.

1938 La reproduction chez les Crustacés Décapodes de la famille des Péneides. An. Inst. Océanog. Monaco 18 (Fasc. 2):31-206.

1939* De l'appareil génital des Penaeidae. Relations morphologiques entre spermaphore, thelycum and petasma. Trav. Sta. Zool. Wimeraux 13:349-358.

Heldt, Jeanne H.

1949* Note sur la présence d'un plérocercoide de Tetrarhynque dans l'hépatopancreas de la crevette caramote Penaeus trisulcatus. Bull. Soc. Sci. Nat. Tunis. 2(1):13.

1954* Contribution a l'étude de la biologie des péneides. Bull. Sta. Oceanog. Salammbô, No. 47:1-27.

1954* La gregarines de la crevette caramote Penaeus kerathurus. Bull. Soc. Sci. Nat. Tunis. 6:103-112.

1954 Stades larvaires d'Aristeomorpha foliacea (Risso) et Aristeus antennatus (Risso), Décapodes Pénéides. C. R. Acad. Sci. 239:1080-1082.

1955* Contribution à l'étude de la biologie des crevettes penaeides. Bull. Stat. Oceanog. Salammbô No. 51:29-55.

Heller, C.

1862* Beitrage zur Crustaceen fauna des Rothen Meeres. Sitz. K. Akad. Wiss. Math. Nat. Kl., Wien 44(Abt. 1).

1862* Beiträge zur naheren kenntniss der Macrouren. Sitz. K. Akad. Wiss. Math. Nat. Kl., Wien 45 (Abt. 1).

Heller, C.

1862* Neue Crustaceen, gesammelt während der Weltumseglung der k. k. Fregatte "Novara", Zweiter vorläufiger Bericht. Verh. Zool.-Bot. Ges. 12:519-528.

1863* Die Crustaceen der sudlichen Europa; Crustacea podophthalmia. Wien, Austria.

1865* Crustaceen, Penaeidae. In: Reise der österreichischen Fregatte "Novara" um die Erde in den Jahren 1857-1858-1859 unter den Befehlen des Commodors B. von Wullerstorf-Urbair. Zool. 2(Pt. 3):121-123.

Hemming, Francis

1952 Proposed correction of an erroneous entry on the "Official List of Generic Names in Zoology" relating to the name "Penaeus" Weber, 1795 (Class Crustacea, Order Decapoda) (Correction of an entry in "Opinion" 104). Bull. Zool. Nomen. 6(Pt. 10):318-319.

Henderson, J. R.

1893* A contribution to Indian carcinology. Trans. Linn. Soc. London, (Zool.) 5:325-458.

Hess, Wilhelm

1865 Beiträge zur Kenntnis der Decapoden-Krebse Ost-Australiens. Arch. Naturg. 31:127-173.

Higgins, Elmer

1931* Federal bureau and state governments cooperate in shrimp investigations. La. Conserv. Rev. 1(7):3-5.

1932 Federal and state investigation of the shrimp progresses. La. Conserv. Rev. 2(11):30-33.

1934 A story of the shrimp industry. Sci. Monthly 38:429-443.

Higman, J. B.

1052 Preliminary investigation of the live bait shrimp fishery of Florida Bay and the Keys. Rep. Univ. Miami Mar. Lab. Fla. State Bd. Conserv., 8 pp.

1955 Observations on the live bait shrimp industry of Pasco and Pinellas Counties, Florida. Rep. Univ. Miami Mar. Lab. Fla. State Bd. Conserv., 4 pp.

1956 The behavior of the pink grooved shrimp, Penaeus duorarum Burkenroad in a direct current electrical field. Fla. State Bd. Conserv. Tech. Ser., No. 16:23 pp.

Hildebrand, Henry H.

1954 A study of the fauna of the brown shrimp (Penaeus aztecus Ives) grounds in the Western Gulf of Mexico. Publ. Inst. Mar. Sci. 3(2):233-366.

1955 Study of the fauna of the pink shrimp (Penaeus duorarum Burkenroad) grounds in the Gulf of Campeche. Publ. Inst. Mar. Sci. 4(1):169-232.

Hildebrand, Henry H., and Gordon Gunter

1953 Correlation of rainfall with the Texas catch of white shrimp. Trans. Amer. Fish. Soc. 82: 151-155.

Hiraiwa, Y. K., and M. Sato

1939* On the effect of parasitic Isopoda on a prawn Penaeopsis akayebi Rathbun, with a consideration of the effect of parasitization on higher Crustacea in general. J. Sci. Hiroshima Univ., B (Zool.) 7:105-124.

Holmes, Samuel J.

1895 Notes on West American Crustacea. Proc. Calif. Acad. Sci., Series 2, 4(pt. 2):563-588.

1900* Synopses of California stalk-eyed Crustacea. Occ. Papers Calif. Acad. Sci. 7:1-262.

Holthuis, L. B.

1947* Nomenclatoral notes on European macrurous Crustacea; Decapoda. Zool. Meded. 27:312-322.

Holthuis, L. B.

1949* The identity of Penaeus monodon Fabr. Proc. K. Ned. Akad. Wetenschappen 52(9):1051-1057.

1952 Proposed use of the plenary powers to validate the generic name "Sicyonia" H. Milne Edwards, 1830 (Class Crustacea, Order Decapoda). Bull. Zool. Nomen. 6(pt. 11):339-341.

1952 Support for Mr. Francis Hemming's proposal for the correction in the "Official List of Generic Names in Zoology" of the erroneous entry in "Opinion" 104, relating to the name "Penaeus" Fabricus, 1798 (Class Crustacea, Order Decapoda). Bull. Zool. Nomen. 6(pt. 10):320.

1953* Crustacés décapodes, macrures. Résult. Sci. Expéd. Ocean. Belg. Eaux Côt. Afr. Atlant. Sud. 3(fasc. 2):1-88.

1953* Enumeration of the decapod and stomatopod Crustacea from Pacific Islands. Atoll. Res. Bull. 5(24):1-66.

1954* Observaciones sobre los crustaceos Decapodos de la Republica de El Salvador. Comun. Inst. Trop. Invest. Cient., El Salvador 3(4):159-166.

1954* On a collection of decapod Crustacea from the republic of El Salvador (Central America). Zool. Verhand. No. 23:2-43.

Hool, Alan E.

1949 The Mexican fisheries industry. Fishery Leaflet, F. W. S., No. 339:21 pp.

Hope, E. G.

1851* Catalogo dei Crostacei italiani e di molti altri del Mediterraneo. Naples, Italy.

Hosoi, T.

1934* Chromatophore-activating substance in the shrimps. J. Fac. Sci. Tokyo Univ. 3:265-270.

Hudinaga, Motosaku

1935* Studies on the development of Penaeus japonicus Bate. Rep. Hayatomo Fish. Inst. 1(1):1-51.

1941* On the nauplius stages of Penaeopis monoceros and Penaeopis affinis. Proc. Sci. Fish. Assoc. 8(3-4).

1942 Reproduction, development and rearing of Penaeus japonicus Bate. Japan. J. Zool. 10(2):305-393.

Hutton, Robert F., and Bonnie Eldred

1958 A sarcophagid larva (Diptera) from the terminal ampoule of the pink shrimp, Penaeus duorarum Burkenroad. J. Parasit. 44(1):27.

Hutton, Robert F., Bonnie Eldred, Kenneth D. Woodburn, and Robert M. Ingle

1956 The ecology of Boca Ciega Bay with special reference to dredging and filling operations. Fla. State Bd. Conserv. Tech. Ser., No. 17 (pt. 1):87 pp.

Idyll, Clarence P.

1949* Preliminary report on the effect of bulkheads in the Hillsborough River on the shrimp population. Rep. Univ. Miami Mar. Lab. Fla. State Bd. Conserv.

1949* Shrimping in Tampa Bay. Rep. Univ. Miami Mar. Lab. Fla. State Bd. Conserv.

1950 The Key West shrimp fishery. South. Fish. 10(3):250-251.

1950* Report on the newly developed Key West shrimp fishery. Rep. Univ. Miami Mar. Lab. Fla. State Bd. Conserv.

1950* Report on the present status of the Franklin County shrimp industry. Rep. Univ. Miami Mar. Lab. Fla. State Bd. Conserv.

1950 The commercial shrimp industry of Florida. Fla. State Bd. Conserv. Educ. Ser., No. 6:31 pp., Re-issued, August, 1957.

1950 Report on the present status of the Franklin County shrimp industry. Rep. Univ. Miami Mar. Lab. Fla. State Bd. Conserv., 14 pp.

1950 A new fishery for grooved shrimp in southern Florida, 1950. Comm. Fish. Rev., F. W. S., 12(3):10-16.

1957 Shrimpers strike gold in the Gulf. Nat. Geogr. Mag. 111(5):699-707.

Ikematsu, W.

1955* On the life history of Metapenaeus joyneri (Miers) in Ariake Sea. Bull. Japan. Soc. Sci. Fish., 20(11): 969-978.

Ingle, Robert M.

1952 Studies on the effect of dredging operations upon fish and shellfish. Fla. State Bd. Conserv. Tech. Ser., No. 5:25 pp.

1957 Intermittent shrimp sampling in Apalachicola Bay with biological notes and regulatory applications. Proc. Gulf Carib. Fish. Inst., Ninth Ann. Sess., pp. 6-17.

Ives, J. E.

1891 Crustacea from the northern coast of Yucatan, the harbor of Vera Cruz, the west coast of Florida, and the Bermuda Islands. Proc. Acad. Nat. Sci. Phila. 43:176-207.

Jackson, H. G.

1913* Decapod larvae in the Irish Sea. Proc. Trans. Liverpool Biol. Soc. 27:430-435.

1914* Larval stages of decapods. Proc. Trans. Liverpool Biol. Soc. 28:420.

Jacobsohn, Kurt P., and M. Deodata de Azevedo

1947 On the enzymatic destruction of thiamine. Arch. Biochem. 14:83-86.

Johnson, Fred F., and Milton J. Lindner

1934 Shrimp industry of the South Atlantic and Gulf States with notes on other domestic and foreign areas. Invest. Rep. Bur. Fish. No. 21: 83 pp.

Johnson, James Yate

1863 Description of a new species of macrurous decapod crustacean belonging to the genus Penaeus from the coast of Portugal. Proc. Zool. Soc. London 1863: 255-257.

1867 Descriptions of a new genus and a new species of macrurous decapod crustaceans belonging to the Penaeidae, discovered at Madeira. Proc. Zool. Soc. London, 1867:895-901.

Johnson, Malcolm C., and J. R. Fielding

1956 Propagation of the white shrimp, Penaeus setiferus (Linn.), in captivity. Tulane Stud. Zool. 4(6): 173-190.

Jones, D. Breese, Otto Moeller, and Charles E. F. Gersdorff

1925 The nitrogen distribution and percentages of some amino acids in the muscle of the shrimp, Penaeus setiferus (L.). J. Biol. Chem. 65(1):59-66.

Kajiyama, E.

1933* A research on the spawning and growth of Penaeus japonicus Bate. Rep. Hiroshima Pref. Fish. Exp. Sta., No. 12:134-159.

Kajiyama, E.

1935* On the growth of Penaeus japonicus Bate. Rep. Hiroshima Pref. Fish. Exp. Sta., No. 13:20-24.

1935* Spawning and growth of Penaeus japonicus Bate. J. Fish. Soc. Japan, No. 634:18.

Karlovac, O.

1936* Parapenaeus longirostris (H. Lucas) an der Ostküste der Adria. Zool. Anz. 115(1-2):60-62.

1949* Le Parapenaeus longirostris (H. Lucas) de la Haute Adriatique. Acta Adriatica Split. 3(12):3-10.

Kasahara, H.

1948* Trawl fishery and stocks in the East China and Yellow Seas. Rep. Lab. Nippon-suisan Co., No. 3: 1-194.

Kemp, Stanley W.

1906* Macrura from the west coast of Ireland. Sci. Invest. Fish. Br. Ireland 1905(pt. 5).

1910* The Decapoda Natantia of the coasts of Ireland. Sci. Invest. Fish. Br. Ireland 1908(pt. 1)190 pp.

1918* Zoological results of a tour in the Far East, edited by N. Annandale. Pt. 5: Crustacea Decapoda and Stomatopoda. Mem. Asiat. Soc. Bengal 6:217-297.

1909 The decapods of the genus Gennadas collected by H. M. S. "Challenger". Proc. Zool. Soc. London, 1909:718-730.

1910 Notes on Decapoda in the Indian Museum. I. The species of Gennadas. Rec. Indian Mus. 5(pt. 3): 173-181.

Kemp, Stanley

1915 Fauna of the Chilka Lake: Crustacea Decapoda. Mem. Ind. Mus. 5(3):199-325.

Kemp, Stanley W., and R. B. Seymour Sewell

1912 Notes on Decapoda in the Indian Museum. 3. The Species obtained by R.I.M.S.S. "Investigator" during the survey season 1910-11. Rec. Indian Mus. 7(pt. 1):15-32.

King, Joseph E.

1948 A study of the reproductive organs of the common marine shrimp, Penaeus setiferus (Linnaeus). Biol. Bull. 94(3):244-262.

Kingsley, J. S.

1878 Notes on the North American Caridea in the museum of the Peabody Academy of Science at Salem, Mass. Proc. Acad. Nat. Sci. Philadelphia 30:89-98.

1879* List of the North American Crustacea. Bull. Essex Inst. 10.

1879 On a collection of Crustacea from Virginia, North Carolina, and Florida, with a revision of the genera of Crangonidae and Palaemonidae. Proc. Acad. Nat. Sci. Philadelphia 31:383-427.

1883* Carcinological notes, No. 5. Bull. Essex Inst. 15.

Kishinouye, K.

1896* Peculiar copulatory organ of Peneidae. Zool. Mag. 8(96).

1898* Copulatory organ of Peneidae. Zool. Mag. 10(111).

Kishinouye, K.

1900* Japanese species of the genus Penaeus. J. Fish Bur. Tokyo 8(1):1-29.

1900 On the nauplius stage of Penaeus. Zool. Anz. 23(607):73-75.

1917* Korai-ebi (Penaeus orientalis). Proc. Sci. Fish. Assoc. 2(2):79.

1924* On the pelagic eggs of Crustacea. Proc. Sci. Fish. Assoc. 4(2).

1926* Two rare and remarkable forms of macrurous Crustacea from Japan. Annot. Zool. Japon. 11: 63-70.

1929* Penaeid crustaceans with the asymmetrical petasma. Proc. Imp. Acad. Japan 5:280-283.

Knapp, Frank T.

1951 Food habits of the sergeant fish, Rachycentron canadus. Copeia 1951(1):101.

1949 Menhaden utilization in relation to the conservation of food and game fishes of the Texas Gulf Coast. Trans. Amer. Fish. Soc. 79:137-144.

Knowles, F. G. W.

1953 Endocrine activity in the crustacean nervous system. Proc. Roy. Soc. London, Ser. B, 141(903):248-267.

Koelbel, Carl

1885 Carcinologisches. Sitz. K. Akad. Wiss. Math. Nat. Kl., Wien 90 Abt. 1(4):312-323.

Korschelt, E., and K. Heider

1899 Textbook of the embryology of invertebrates. Vol. 2. Phoronidea, Bryoozoa, Ectoprocta, Brachiopoda, Entoprocta, Crustacea, Palaeostraca. Translated from the German by Matilda Bernard. Revised and edited with additional notes by Martin F. Woodward. Macmillan, New York, N. Y.

Kramp, P. L.

1956 Pelagic fauna. In: The Galathea Deep Sea Expedition. Pp 65-86. Macmillan, New York, N. Y.

Kubo, Itsuo

1936* On Japanese penaeid crustaceans belonging to the genus Parapenaeopsis with the description of a new species. J. Imp. Fish. Inst. 31:55-61.

1943* Diagnosis of a new species of the genus Penaeus. J. Fish. Res. 38(11):200*201.

1949* Studies on penaeids of Japan and its adjacent waters. J. Tokyo Coll. Fish. 36(1):1-467.

1951* Some macrurous decapod Crustacea found in Japanese waters, with descriptions of four new species. J. Tokyo Univ. Fish., 38(2):259-289.

1954* Systematic studies of the Japanese macrurous decapod Crustacea. 2. On two penaeids, Metapenaeus affinis (H. Milne-Edwards) and M. burkenroadi, nom. nov., erected on the Japanese form known as M. affinis. J. Tokyo Univ. Fish. 41(1):89-93.

Kubo, I.

1955 A review of the biology and systematics of shrimps and prawns of Japan. Indo-Pac. Fish. Coun., Sixth Sess., Symp. 12:16 pp.

1955* On mass growth of the prawn, Penaeus japonicus Bate. Bull. Japan. Soc. Sci. Fish. 20(10):870-872.

1955* Systematic studies on the Japanese macrurous decapod Crustacea. 1. On Metapenaeus burkenroadi, sp. nov. Zool. Mag. 64(1):24-27.

Kumaran, A. Krishna

1954 Ecdysial mechanism in a decapod, Penaeus indicus. Curr. Sci. 23(12):404-405.

Kurien, C. V.

1954 Contributions to the study of the crustacean fauna of Travancore. Bull. Cent. Res. Inst. Univ. Travancore, Ser. C Nat. Sci., 3(1):69-91.

1956 Larvae of decapod Crustacea from the Adriatic Sea. Acta Adriatica Split 6(3):108 pp.

Lanchester, W. F.

1901 On the Crustacea collected during the "Skeat" Expedition to the Malay Peninsula, together with a note on the genus Actaeopsis. Part I. Brachyura, Stomatopoda and Macrura. Proc. Zool. Soc. London, 1901(2):534-574.

Latreille, P. A.

1831 The Crustacea, Arachnides and Insecta. In: The Animal Kingdom: By Baron Cuvier. Trans. by H. M'Murtrie. 3:1-575.

Lebour, M. V.

1934* Larval Crustacea (Decapoda and Stomatopoda). Expedition S. A. R. Prince Leopold of Belgium, Duke of Brabant to the extreme East (1932). Bull. Mus. Roy. Hist. Nat. Belgique 10(8):24.

Lee, Henry B., III

1958 Report on exploratory fishing survey by trawler "Coquette" for the Government of Surinam. Verslagen en Rapporten van het Departement van Landbouw, Veeteelt en Visserij in Suriname, No. 20: 19 pp.

Lenz, H.

1910* Crustaceen von Madgaskar, Ostafrika und Ceylon. In: Reise in Ostafrika in den Jahren 1903-1905, By Voeltzkow, 2:539-576, Stuttgart, Germany.

Lenz, H., and K. Strunck

1914* Die Dekapoden der Deutschen Südpolar-Expedition 1901-1903. 1. Brachyuren und Macruren mit Asschluss der Sergestiden. Deutsche Sudpolar-Exped. 15(Zool. 7)(3):261-345.

Leone, Charles A., and Carlon W. Pryor

1952 Serological correspondence among three species of penaeid Crustacea. J. Elisha Mitchell Sci. Soc. 68(1):27-31.

Levera, F.

1934* Sulle femmine a pleopodi mascolinizzati nei gamberi rossi. Boll. Mus. Zool. Anat. Comp. Genoa 14(77): 1-7.

Lindner, Milton J.

1933 Progress in shrimp investigations during the year 1932. La. Conserv. Rev. 3(2):50-53, 56.

1936 A discussion of the shrimp trawl—fish problem. La. Conserv. Rev. 5(4):12-17, 51.

1936 Suggestions for the Louisiana shrimp fishery. La. Dept. Conserv., Twelfth Bienn. Rep. 1934-35, pp. 53-69.

1938 The cooperative shrimp investigations. La. Dept. Conserv., Thirteenth Bienn. Rep. 1936-37, pp. 447-455.

1940 Biennial report, shrimp investigations. La. Dept. Conserv., Fourteenth Bienn. Rep. 1938-1939, pp. 389-399.

1944 The commercial marine fishes, crustaceans and molluscs of the West Coast of Mexico. Trans. Amer. Fish. Soc. 74:71-80.

1948 The fisheries and fishery resources of Mexico. Comm. Fish. Rev., F.W.S., 10(8):23-30.

1953 Estimation of growth rate in animals by marking experiment. Fish. Bull. F.W.S., 54(Fish. Bull. 78): 65-69.

1955 Some problems concerning the management of the shrimp fisheries. Proc. Gulf Carib. Fish. Inst., Seventh Ann. Sess., pp. 164-168.

1957 Survey of shrimp fisheries of Central and South America. Spec. Sci. Rep. Fish., F.W.S., No. 235: 166 pp.

Lindner, Milton J., and William W. Anderson

1941 A new Solenocera and notes on the other Atlantic American species. J. Wash. Acad. Sci. 31(5):181-187.

1954 Biology of the commercial shrimps. In: Gulf of Mexico, its origin, waters and marine life. Edited by Paul S. Galtsoff. Fish. Bull. F.W.S., 55(Fish. Bull. 89):456-461.

1956 Growth, migrations, spawning and size distribution of shrimp Penaeus setiferus. Fish. Bull. F. W. S., 56(Fish. Bull. 106):553-645.

List, T.

1897* Morphologisch-biologische studien über den bewegungsapparat der arthropoden. Mitt. Zool. Sta. Neapel, 12.

Lo Bianco, Salvatore

1901* Le pesche pelagiche abissali eseguite dal "Maia" nelle vicinanze di Capri. Mitt. Zool. Sta. Neapel, 15:413-482.

1903* Le pesche abissali eseguite de F. A. Krupp col Yacht "Puritan" nelle adiacenze di Capri ed in altre localita del Mediterraneo. Mitt. Zool. Sta. Neapel, 16:109-279.

1904* Pelagische Tiefseefischerei der "Maia" in der Umgebung von Capri. Beitr. Kenn. Meer. Bewohn. 91 pp.

1909* Notizie biologiche reguardanti specialmente il periodo di maturità sessual degli animali del Golfo di Napoli. Mitt. Zool. Sta. Neapel 19:513-618.

Lockington, W. N.

1879* Notes on Pacific Coast Crustacea. Bull. Essex. Inst. 10.

Loesch, Harold C.

1957 Observations on bait shrimping activities in rivers north of Mobile Bay Causeway. J. Ala. Aca. Sci. 29:36-43.

Longhurst, Alan R.

1957 The food of the demersal fish of a West African estuary. J. Animal Ecol. 26(2):369-387.

Lucas, H.

1840* Histoire naturelle des animaux articulé. Histoire naturelle des Crustacés, des Arachnides et des Myriapodes. Pp. 1-600. Dumenil, Ed. Terzuolo, Paris, France.

1849* Exploration scientifique de l'Algerie. Zoologie. I. Animaux Articules, pt. 1., Paris, France.

1850* Observation sur un nouveau genre de l'order des Decapodes macroure appartenant à la tribu des Penéens. An. Soc. Entomologique, France, Vol. 8.

Lunz, G. Robert

1945* Carolina shrimps of the genus Eusicyonia. Charleston Mus. Leaflet, No. 20:1-12.

1951 A salt water fish pond. Bears Bluff Lab. Contr. No. 12:12 pp.

1954 The minimum shrimp size regulations in South Carolina. Bears Bluff Lab. Contr. No. 16:14 pp.

Lunz, G. Robert

1954 Minimum shrimp size law in South Carolina needs revision. Atlantic Fisherman 35(2):21-22.

1955 Annual Report 1953-1954. Bears Bluff Lab. Contr. No. 17:12 pp.

1956 Annual report 1954-1955. Bears Bluff Lab. Contr. No. 18:15 pp.

1956 Harvest from an experimental one-acre salt-water pond at Bears Bluff laboratories, South Carolina. Prog. Fish. Cult., F.W.S., 18(2):92-94.

1957 Annual report 1955-1956. Bears Bluff Lab. Contr. No. 24:19 pp.

1957 Notes on the rock shrimp Sicyonia brevirostris (Stimpson) from exploratory trawling off the South Carolina Coast. Bears Bluff Lab. Contr. No. 25: 10 pp.

1958 Notes on a non-commercial crab of the genus Callinectes in trawl catches in South Carolina. Bears Bluff Lab. Contr. No. 27:17 pp.

1958 Annual report 1956-1957. Bears Bluff Lab. Contr. No. 26:14 pp.

Lyles, Charles H.

1951 The development of the brown shrimp fishery in Texas. Proc. Gulf Carib. Fish. Inst., Third Ann. Sess., pp. 50-51.

McCulloch, A. R.

1907* The results of deep sea investigations in the Tasman Sea. 2. The expedition of the "Woy Woy". Fishes and crustaceans from eight hundred fathoms. Rec. Austral. Mus. 6:345.

MacGilchrist, A. C.

1905 Natural history notes from R. I. M. S. "Investigator", Capt. T. H. Heming, R. N. (retired), commanding. Series 3, No. 6. An account of the new and some of the rarer decapod Crustacea obtained during the surveying seasons 1901-1904. An. Mag. Nat. Hist. Ser. 7, 15:233-268.

McNeill, F. A.

1944* Prawns and prawning. Austral. Mus. Mag. 8(8): 262-266.

McRae, E. D., Jr.

1951 Shrimp investigation. Texas Game and Fish Com., Ann. Rep. Mar. Lab. 1950-1951, pp. 1-6.

1952 Progress report on the shrimp investigation. Texas Game and Fish. Com., Ann. Rep. Mar. Lab. 1950-1951, pp. 1-13.

1952 The shrimp fishery. Texas Game and Fish Com. Bull. No. 32:21 pp.

Maekawa, K., et al.

1953* Studies on the ecology of the useful aquatic animals in the Inland Sea of Yamaguchi Prefecture. Ecological study of Trachypenaeus curvirostris, Metapenaeopsis barbatus, and Metapenaeopsis acclivis. J. Yamaguchi Pref. Naikai Fish. Exp. Sta. 5(1):1-10.

Major, Harlan

1944 The delectable shrimp, once a culinary stepchild, today a Gulf Coast industry. Nat. Geogr. Mag. 86(4):501-512.

Maki, M., and H. Tsuchiya

1923* Descriptions and figures of Formosan decapod Crustacea. Report Taiwan Sotokuhu Tyuo Kenkyusyo No. 3.

Mane, Andres M., Domiciano K. Villaluz, and Herminio R. Rabanal

1952 Cultivation of fish in brackish and estuarine waters in the Philippines. In: Philippine Fisheries. Prepared by technical staff of the Bureau of Fisheries. Pp. 100-110. Manila, Philippines.

Marshall, Arthur R.

1958 A survey of the snook fishery of Florida, with studies of the biology of the principal species, Centropomus undecimalis (Bloch). Fla. Sta. Bd. Conserv. Tech. Ser., No. 22:39 pp.

Marshall, Nelson

____* The shrimp fishery of North Carolina in terms of productivity potentialities. Spec. Rep. Va. Fish. Lab. No. 1.

Massonet, R.

1950 Activité antixérophthalmique d'huiles d'Aristeus antennatus (Penaeidae). C. R. Soc. Biol. 144(15-16): 1028-1030.

1953* Sur les pigments carotenoides d'Aristeus antennatus Risso. Bull. Trav. Sta. Aquicult. Pêche Castiglione N. S. No. 4:399-405.

Mayer, P.

1878* Uber einige Jugendstadien von Penaeus caramote. Mitt. Zool. Sta. Neapel 1:49-51.

Mayer, P.

1879* Carcinologische Mittheilungen, No. 3. Mitt. Zool. Sta. Neapel, 1.

Meek, A.

1918* On the Crustacea. Rep. Dove Mar. Lab. N. S. 7:19-45.

Menon, M. Krishna

1937* Decapod larvae from the Madras plankton. Bull. Madras Gov. Mus. N. S., Sec. 3, No. 5:1-56.

1940* Decapod larvae from the Madras plankton. 2. Bull. Madras Gov. Mus. N. S., Sec. 3, No. 6:47 pp.

1952 The life-history and bionomics of an Indian penaeid prawn Metapenaeus dobsoni Miers. Proc. Indo-Pac. Fish. Coun., Third Meet., Sec. 2:80-93.

1953* Notes on the bionomics and fishery of the prawn Parapenaeopsis stylifera (M. Edw.) on the Malabar coast. J. Zool. Soc. India 5(1):153-162.

1954 On the paddy field prawn fishery of Travancore - Cochin and an experiment in prawn culture. Proc. Indo-Pac. Fish. Coun., Fifth Meet., Sec. 2:1-5.

1955 Identification of marine and inshore prawns of commercial value. Indo-Pac. Fish. Coun., Sixth Sess., Symp. 2 (Appendix): 2 pp.

1955* Notes on the bionomics and fishery of the prawn Metapenaeus dobsoni, Miers, on the south-west coast of India. Ind. J. Fish. 2(1):41-56.

Menzel, R. Winston

1955 Marking of shrimp. Science 121(3143):446.

Merriman, Daniel

1941 Studies on the striped bass (Roccus saxatilis) of the Atlantic Coast. Fish. Bull. F.W.S. 50(Fish. Bull. 35):1-77.

Miers, Edward J.

1878 Notes on the Penaeidae in the collection of the British Museum, with descriptions of some new species. Proc. Zool. Soc. London 1878:298-310.

1880 On a collection of Crustacea from the Malaysian Region. Part 4. Penaeidea, Stomatopoda, Isopoda, Suctoria, and Xiphosura. An. Mag. Nat. Hist., Ser. 5, 5:457-472.

Miller, D. D.

1953* Prawn fishing in Malaya. World Fishing 2(9):359.

Milne-Edwards, Alphonse

1882* Rapport sur les travaux de la Commission chargée d'etudier la faune sous-marine dans les grandes profondeurs de la Méditerranée et de l'océan Atlantique. Arch. Miss. Sci. Lit., Vol. 9.

Milne-Edwards, Alphonse, and E. L. Bouvier

1909 Reports on the results of dredging, under the supervision of Alexander Agassiz, in the Gulf of Mexico (1877-78), in the Caribbean Sea (1878-79), and along the Atlantic coast of the United States (1880), by the U. S. Coast Survey Steamer "Blake". 44. Les Pénéides et Sténopides. Mem. Mus. Comp. Zool. 27(art. 3):177-274.

Milne-Edwards, H.

1830* Description des genres de l'ordre des Crustacés Décapodes. An. Sci. Natur., Ser. Zool. 19.

Milne-Edwards, H.

1837* Histoire naturelle des Crustacés. Vol. 2, 532 pp., Paris, France.

Miura, G., and M. Yamaguchi

1955* Observations on the behavior in the prawn, Penaeus japonicus Bate, especially on the hiding behavior under the sand. Aquiculture, 2(3, 7):20-26.

Monod, Th.

1930 Über einige indo-pazifische Decapoden der Meeresfauna Syriens. Zool. Anz. 92(5-6):135-141.

1931* Crustacés de Syrie. Faune Colonies francaises 3:397-435.

Monticelli, F. S., and S. Lo Bianco

1900* Sullo sviluppo dei Peneidi del Golfo di Napoli. Monit. Zool. Ital. 11:23-31.

1901* Uova e larva di Solenocera siphonocera. Monit. Zool. Ital. 12:205-206.

1901* Communicazioni sui Peneidei del Golfo di Napoli. Monit. Zool. Ital. 12:198-201.

1902* Ancora sullo sviluppo dei Peneidi del Golfo di Napoli. Boll. Soc. Nat. Napoli 15:159.

1902* Su la probabile larva di Aristeus antennatus Risso. Monit. Zool. Ital. 13(Suppl.):30-31.

Moody, William D.

1950 A study of the natural history of the spotted trout Cynoscion nebulosus, in the Cedar Key, Florida, area. Quart. J. Fla. Acad. Sci. 12(3):147-171.

Morris, Muriel C., and Isobel Bennett

1951* The life-history of a penaeid prawn (Metapenaeus) breeding in a coastal lake (Tuggerah, N.S.W.). Proc. Linn. Soc. N.S.W. 76(5-6):164-182.

Mosher, Kenneth H.

1936 Preliminary work on problems of shrimp investigation. (Abstract). Trans. Texas Acad. Sci. 19:24.

1937* The shrimp and shrimp fishery of Texas. (Abstract). Proc. Texas Acad. Sci. 20:16.

Mouchet, Simone

1931* Spermatophores des crustacés décapodes, anomures et brachyures et castration parasitaire chez quelques pagures. An. Sta. Océanog. Salammbô 6:1-203.

1931 Sur l'appareil génital mâle de Penaeus trisulcatus Leach. Bull. Soc. Zool. France 56:458-467.

Müller, Fritz

1863 Die verwandlung der garneelen. Arch. Naturg. 29:8-23.

1864 On the metamorphoses of the prawns. An. Mag. Nat. Hist., London, Ser. 3, 14:104-115.

1877* Ueber die Naupliusbrut der Garneelen. Zeit. Wiss. Zool. 30:163-166.

1878 On the nauplius stage of prawns. An. Mag. Nat. Hist. Ser. 5, 1(6):481-485.

Murray, J., and J. Hjort

1912* The depths of the ocean. 821 pp. Macmillan, London, England.

Myers, Hu B., and James N. Gowanloch

1932 Report of Bureau of Scientific Research and Statistics. La. Conserv. Rev. 2(9):7-15, 31.

1934 Co-operative shrimp investigations shed important light on South's most valuable fishery. La. Conserv. Rev. 4(1):7-22.

Naidu, Ramaswamy

1939* Report on a survey of the fisheries of Bengal. Government of Bengal, Department of Agriculture and Industries. Bengal, India.

Nakano, S.

1931-33* On culture of Chanos chanos (Forskal), Penaeus monodon Fabricius, and Scylla serrata (Forskal) at Tainan, Formosa. J. Fish. Soc. Japan, Nos. 558-602.

Namiye, Motokichi

1910* Higenaga ebi /Solenocera distincta (De Haan)/. Zool. Mag. 22:150-152.

Nataraj, S.

1942 A note on the prawn fauna of Travancore. Curr. Sci. 11(12):468-469.

1945* On two new species of Solenocera (Crustacea Decapoda: Penaeidae) with notes on Solenocera pectinata (Spence Bate). J. Roy. Asiat. Soc. Bengal 11(1):91-98.

Neumann, R.

1878* Catalog der podophthalmen Crustaceen des Heidelberger Museums. Leipzig, Germany.

Nobili, Giuseppe

1901* Crostacei di Sarawak. Boll. Mus. Zool. Anat. Comp., Turin 16(397).

1903* Contributo alla fauna carcinologica di Borneo. Boll. Mus. Zool. Anat. Comp., Turin 18(447):32 pp.

1903* Crostacei di Pondichéry, Mahé, Bombay, & c. Boll. Mus. Zool. Anat. Comp., Turin 18(452):24 pp.

1903* Crostacei di Singapore. Boll. Mus. Zool. Anat. Comp., Turin 18(455):39 pp.

1904* Diagnoses préliminaires de vingt-huit espèces nouvelles de Stomatopodes et Décapodes Macroures de la Mer Rouge. Bull. Mus. Hist. Nat., Paris 10: 228-237.

1905* Décapodes nouveaux des côtes d'Arabie et du Golfe Persique. Bull. Mus. Hist. Nat., Paris No. 3.

1906* Contributo alla fauna carcinologica di Borneo. Boll. Mus. Zool. Anat. Comp., Turin 18(447):1-32.

1906* Fauna carcinologique de la Mer Rouge. Décapodes et Stomatopodes. An. Sci. Nat. (Zool.) 4:1-347.

1906* Mission J. Bonnier et Ch. Pérez (Golfe Persique 1901). Crustacés Décapodes et Stomatopodes. Bull. Sci. France Belgique 40:13-159.

Nobre, Augusto

1942* Estudo sobre os organismos recolhidos pela Missão Hidrográfica da costa de Portugal, nos anos de 1923, 1924, 1927 e 1928. Mem. Estud. Mus. Zool. Univ. Coimbra 134:1-80.

Nouvel, H., and L. Nouvel

1937 Recherches sur l'accouplement et la ponte chez les Crustacés Décapodes Natantia. Bull. Soc. Zool. France 62:208-221.

Nouvel Van Rysselberge, L.

1937* Contributions a l'étude de la mue, de la croissance et de la régeneration chez les Crustacés Natantia. Recueil Inst. Zool. Torley-Rousseau 6(fasc. 2):1-161.

Odum, Howard T.

1953 Factors controlling marine invasion into Florida fresh waters. Bull. Mar. Sci. Gulf Carib. 3(2): 134-156.

Ogilby, J. D.

1893* Edible fishes and crustaceans of New South Wales. Govt. Printer, Sydney, Australia.

O'Grady, A.

1955* Prawn trawling gear in Australian ocean waters. Indo-Pac. Fish. Coun. Contr. Publ. 34.

1956 Australian prawns - the gear that takes them. Fish. Newslett. 15(2):11, 13, 15, 23.

Oo-U-Kuo

1937* Unu Kankro Penaeus penicillatus, nova aldonata al la Formosa fauno, ankau al la Japana. Trans. Nat. Hist. Soc. Formosa 27:62-65.

Orr, Arthur, and Gerald Fitzgerald

1929 Otter trawls used in the shrimp industry of the south Atlantic and Gulf states. Memo. Bur. Fish S-166:3 pp.

Ortmann, A. E.

1890 Die Decapoden-Krebse des Strassburger Museums. Zool. Jahrb., Abt. Syst., 5(3):437-542.

1901* Crustacea. In: Klassen und Ordnungen des Tier-Reich, by Bronn. 6(Abt. 2), Leipzig, Germany.

Osada, M., M. Tanizaki, and K. Nakazawa

1931* Report on the penaeids found in the Kumamoto Prefecture, I. Kumamoto Fisheries Experiment Station, Kumamoto, Japan.

Oshima, Y., and D. Yasuda

1942* An ecological note on the prawn, Penaeopsis affinis (Milne-Edwards). Bull. Japan. Soc. Sci. Fish. 11(4):135-145.

Osorio, B.

1889* Catalogo dos crustaceos de Portugal existentes no museu nacional de Lisboa. J. Sci. Math. Fis. Nat. Vol. 1.

Ota, S.

1949* A research on Metapenaeus monoceros (Fabr.). Chosa-shiryo, (18):1-19 (Suisancho Chosa Kenkyubu), Japan.

1949* Ecological survey on Metapenaeus monoceros caught in the Chukai and Shinji Inland Bay (Western part of Japan). Data and Statistics Section, Fisheries Agency. Japan.

Palombi, Arturo

1939* Il significato delle "glandole del cemento" nei Peneidi. Boll. Mus. Zool. Anat. Comp., Turin 10:223-227.

Palombi, Arturo

1939* Note biologiche sui Peneidi. La fecondazione e la deposizione della uova in Eusicyonia carinata (Olivi). Boll. Mus. Zool. Anat. Comp., Turin 10:229-230.

1940* I caratteri sessuali secondari di Eusiconia carinata (Olivi) (Crustacea: fam. Penaeidae), Studo morfologico e biometrico. Arch. Zool. Italiano 28:323-348.

1940* Le anomalie del rostro de Eusicyonia carinata (Olivi). Boll. Mus. Zool. Anat. Comp., Turin 11:1-5.

1941* Eusicyonia carinata (Olivi): Apparacchi digerente branchiale e sessuali; anatomia, fisiologia, svilluppo ed anomalie in rapporto cogli altri crostacei decapodi. Rend. Acc. Sci. Fis. Mat. 11:30.

Palombi, A., and M. Santarelli

1953* Gli animali commestibili dei mari d'Italia. Descrizione e nomi italiani, dialettali e stranieri dei pesci-tunicati, echinodermi - molluschi - crostacei. 349 pp. Ulrico Hoepli, Milan, Italy.

Panikkar, N. Kesava

1937* The prawn industry of the Malabar coast. J. Bombay Nat. Hist. Soc. 39(2):343-353.

1938* Osmoregulation in penaeid prawns. Proc. Ind. Sci. Cong. 35:192-193.

1948 Penaeid prawns breeding in fresh water. Curr. Sci. 17(2):58.

1951 Physiological aspects of adaptation to estuarine conditions. Proc. Indo-Pac. Fish. Coun., Second Meet., Sec. 3, Symp. Pap. No. 2, pp. 168-175.

Panikkar, N. Kesava

1952 Possibilities of further expansion of fish and prawn cultural practices in India. Curr. Sci. 21(2):29-33.

Panikkar, N. Kesava, and R. Gopala Aiyar

1939 Observations on breeding in brackish water animals of Madras. Proc. Ind. Acad. Sci., Sec. B, 9(6): 343-364.

Panikkar, N. Kesava, and M. Krishna Menon

1955 Prawn fisheries of India. Indo-Pac. Fish. Coun., Sixth Sess., Symp. 2:21 pp.

Panikkar, N. Kesava, and R. Viswanathan

1948 Active regulation of chloride in Metapenaeus monoceros Febricius. Nature 161(4082):137-138.

Parisi, B.

1919* I Decapodi giapponesi del Museo di Milano. 7. Natantia. Atti. Soc. Ital. Sci. Nat. 58:59-99.

Parker, Robert H.

1955 Changes in the invertebrate fauna, apparently attributable to salinity changes, in the bays of central Texas. J. Paleontology 29(2):193-211.

Parks, Hal B.

1940* Descriptive catalogue of the Crustacea of the Gulf coast of Texas. Tech. Bull. Stephen F. Austin State Teach. Coll. 2(2):5 pp.

Patwardhan, S. S.

1935 On the structure and mechanism of the gastric mill in Decapoda. 6. The structure of the gastric mill in Natantia Macrura—Penaeidea and Stenopidea; conclusion. Proc. Ind. Acad. Sci., Sec. B, 2(2):155-174.

Pearson, John C.

1928 Natural history and conservation of redfish and other commercial sciaenids on the Texas coast. Bull. Bur. Fish. 44(Doc. 1046-1929):129-214.

1935 Eggs of a peneid shrimp. Science 82(2121):172.

1939 The early life histories of some American Penaeidae, chiefly the commercial shrimp, Penaeus setiferus (Linn.). Bull. Bur. Fish. 49(Bull. 30):1-73.

Pearson, Joseph

1905 Report on the Macrura collected by Professor Herdman, at Ceylon, in 1902. In: Report to Government of Ceylon on the Pearl Oyster Fisheries of the Gulf of Manaar. By W. A. Herdman. Royal Society, London, Part 4, Rep. No. 25, pp. 65-92.

Percier, A.

1952* La pêche des crevettes profondes en Australie. Pêche Marit. 899:60-63.

Perez-Farfante, Isabel

1953 Los camarones comerciales de Cuba. Mem. Soc. Cubana Hist. Nat. 21(2):229.

1953 Los camarones comerciales de Cuba. Centro Invest. Pesqueras, Contr. No. 1:16 pp.

1954* Distribution of commercial species of the family Penaeidae in Cuban waters. Centro Invest. Pesqueras, 3 pp.

Pérez-Farfante, Isabel

1954 Los camarones comerciales de Cuba. Part 2. Centro Invest. Pesqueras, Contr. No. 6:31 pp.

1954 The discovery of a new shrimp bank at Golfo de Batabanó, Cuba. Proc. Gulf Carib. Fish. Inst., Sixth Ann. Sess., pp. 97-98.

1955 The first year of the shrimp fishery in Cuban waters. (El primer año de la pesca del camaron en aguas Cubanas.) Proc. Gulf Carib. Fish. Inst., Seventh Ann. Sess., p. 180.

Pesta, O.

1912* Carcinologische Notizen. An. Naturhist. Hofmus., Wien 26:343.

1915* Die Penaeidea des Wiener Naturhistorischen Hofmuseums. Arch. Naturg. 81 Abt. A(1):99-233.

1916* Entwicklung und Biologie der Krebslarven. Verh. Zool.-Bot. Ges. 1916:72-82.

Phaff, H. J., E. M. Mrak, and O. B. Williams

1952 Yeasts isolated from shrimp. Mycologia, 44(4): 431-451.

Philippi, A.

1840 Zoologische Bemerkungen. Arch. Naturg. 6:181-195.

Philippi, R. A.

1857 Kurze Beschreibung einiger neuen Crustaceen. Arch. Naturg. 23:319-329.

Phillips, W. G.

1925* Note on an Australian shrimp of the genus Penaeus as a commercial fisheries product in Wellington. Austral. Zool. 4(1):3.

Pillay, T. V. R., and B. Bose

1957 Observations on the culture of brackishwater fishes in paddy fields in West Bengal (India). Indo-Pac. Fish. Coun., Seventh Sess., Symp. 5:7 pp.

Planas, Antonio, and Francisco Vives

1952 Contribución la estudio de la Mollera (Gadus minutus L.) del Mediterraneo occidental (Sectores de Vinaroz e Islas Columbretes). Publ. Inst. Biol. Aplic. 10: 151-181.

Qureshi, M. R.

1955 Shrimp fisheries of Pakistan. Indo-Pac. Fish. Coun., Sixth Sess., Symp. 4:5 pp.

Rabanal, Herminio R.

1952 Methods and problems of collecting eggs and fry for transplantation. Proc. Indo-Pac. Fish. Coun., Third Meet., Sec. 3, Symp. Pap. No. 2, pp. 196-201.

Racek, A. A.

1955 Littoral Penaeinae from New South Wales and adjacent Queensland waters. Aust. J. Mar. Fresh. Res. 6(2): 209-241. Also: State Fish. N.S.W. Res. Bull. No. 2.

1955 Penaeid prawn fisheries of Australia with special reference to New South Wales. Indo-Pac. Fish. Coun., Sixth Sess., Symp. 3:18 pp. Also: State Fish. N.S.W. Res. Bull. No. 3:19 pp.

Rai, H. S.

1933* Shell fisheries of the Bombay Presidency. J. Bombay Nat. Hist. Soc. 36.

Ramadan, M. M.

1938 Crustacea: Penaeidae. John Murray Exped. Sci. Rep. 5(3):35-76.

1952 Contribution to our knowledge of the structure of the compound eyes of Decapoda Crustacea. Acta Univ. Lund. N. S. (2), 48(3):1-20.

Rapson, A. M.

1955* Small mesh trawling in Papua. Indo-Pac. Fish. Coun., Sixth Sess., Tech. Pap. 49:7 pp.

Rathbun, Mary J.

1893 List of crustacea collected (in Texas). Bull. U. S. Fish Com. 1891, 11:89-90.

1897* List of the decapod Crustacea of Jamaica. An. Inst. Jamaica, 1.

1900 The decapod crustaceans of West Africa. Proc. U. S. Nat. Mus.. 22(1199):271-316.

1902 The Brachyura and Macrura of Porto Rico. Bull. U. S. Fish Com., 1900, 20(pt. 2):1-127.

1902 Descriptions of new decapod crustaceans from the west coast of North America. Proc. U. S. Nat. Mus. 24:885-905.

Rathbun, Mary J.

1902 Papers from the Hopkins Stanford Galapagos Expedition 1898-1899. 8. Brachyura and Macrura. Proc. Wash. Acad. Sci. 4:275-292.

1902 Japanese stalk-eyed crustaceans. Proc. U.S. Nat. Mus. 26(1307):23-55.

1904* Decapod crustaceans of the northwest coast of North America. Harriman Alaska Ser. 10:1-210.

1906 The Brachyura and Macrura of the Hawaiian Islands. Bull. U. S. Fish Com., 1903, 23(pt. 3):827-930.

1910 The stalk-eyed crustacea of Peru and the adjacent coast. Proc. U. S. Nat. Mus. 38(1766):531-620.

1915 New species of decapod crustaceans from the Dutch West Indies. Proc. Biol. Soc. Wash. 28:117-119.

1919* Stalk-eyed crustaceans of the Dutch West Indies. Rap. Betr. Voor. Ond. Zeeprod. Curacao 2(2):317-349.

Rathbun, Richard

1883 Notes on the shrimp and prawn fisheries of the United States. Bull. U. S. Fish Com., 1882, 2:139-152.

1887 The crab, lobster, crayfish, rock-lobster, shrimp and prawn fisheries. In: The Fisheries and Fishery Industries of the United States. By George Brown Goode and associates. Sec. 5, 2(pt. 21):627-810.

Regan, James, C. P. Idyll, and Edwin S. Iversen

1957 Mesh size regulations as a possible method of managing the Tortugas shrimp fishery. Proc. Gulf Carib. Fish. Inst., Ninth Ann. Sess., pp. 18-22.

Reid, George K., Jr.

1955 A summer study of the biology and ecology of East Bay, Texas. Part 1. Introduction, description of area, methods, some aspects of the fish community, the invertebrate fauna. Texas J. Sci. 7(3):316-343.

1955 A summer study of the biology and ecology of East Bay, Texas. Part 2. The fish fauna of East Bay, the Gulf beach, and summary. Texas J. Sci. 7(4): 430-453.

1956 Ecological investigations in a disturbed Texas coastal estuary. Texas J. Sci. 8(3):296-327.

1957 Biologic and hydrographic adjustment in a disturbed Gulf coast estuary. Limnol. and Oceanog. 2(3): 198-212.

Reid, George K., Jr., Anthony Inglis, and Hinton D. Hoese

1956 Summer foods of some fish species in East Bay, Texas. Southwest. Nat. 1(3):100-104.

Reinhard, Edward G.

1956 Parasitic castration of Crustacea. Exp. Parasit. 5(1):79-107.

Reverberi, G.

1949* La "castratione parassitaria" e la determinazione del sesso nei Crostacei. Arch. Zool. Italiano 34: 1-116.

Richard, J.

1903 Campagne scientifique du yacht "Princesse-Alice" en 1902. Bull. Soc. Zool. France 28:63-79.

Riggio, G.

1900* Contributo alle carcinologia del Mediterraneo (Sunto). Monit. Zool. Ital. anno 11(suppl).

1905* Contributo alle carcinologia del Mediterraneo. I. Nota sopra alquanti Crostacei del mare di Messina. Nat. Siciliano 17:134-140.

Rioja, Enrique

1939 Estudios carcinologicos. 1. Caracteres sexuales secundarios de los Penaeidae—el organo antenular de los machos. An. Inst. Biol. Univ. Nac. Mexico 10:313-319.

1939 Estudios carcinologicos. 2. Caracteres sexuales secundarios de los Penaeidae—los caracteres sexuales en algunas especies de Aristeinae: Aristeus antennatus (Risso); Aristeomorpha foliacea Risso y Plesiopenaeus edwardsianus (J. G. Johnson). An. Inst. Biol. Univ. Nac. Mexico 10:321-333.

1940 Estudios carcinologicos. 3. Descripcion de un organo setiforme en el tercer maxilipedo de algunos Penaeidae. An. Inst. Biol. Univ. Nac. Mexico 11: 261-266.

1940 Estudios carcinologicos. 4. Observaciones sobre las antenulas de algunas especies del genero Penaeus. An. Inst. Biol. Univ. Nac. Mexico 11:267-273.

1940* La morphologia de las cerdas de les piezas bucales de los Peneidos (Crus. Decap.) y su valor diagnostico. Ciencia 1:116-117.

1941 Estudios carcinologicos. 8. Contribucion a la morfologia e interpretacion del petasma de los Penaeidae (Crust. Decapodos). An. Inst. Biol. Univ. Nac. Mexico 12:199-221.

Rioja, Enrique

1941 Estudios carcinologicos. 9. Descripcion del macho maduro de Penaeus vannamei Boone, hallado en las costas del Pacifico de Mexico. An. Inst. Biol. Univ. Nac. Mexico 12:223-229.

1942 Observaciones acerca de algunos caracteres sexuales secundarios en el camaron de rostro largo (Artemesia longinaris Bate) y en el lángostín (Hymenopenaeus mulleri (Bate). An. Inst. Biol. Univ. Nac. Mexico 13:659-674.

1942 Estudios carcinologicos. 12. Contribucion al estudio de los caracteres sexuales secundarios de dos especies de los generos Trachypeneus y Xiphopeneus de las costas mexicanas del Pacifico. An. Inst. Biol. Univ. Nac. Mexico 13:675-684.

1944 Estudios carcinologicos. 17. Observaciones acerca del télico de algunos peneidos aristeinos. An. Inst. Biol. Univ. Nac. Mexico 15:415-421.

1948 Estudios carcinologicos. 20. Valor diagnóstico del tercer maxilipedo y de sus cerdas en algunas especies del género Penaeus de las costas de Mexico. An. Inst. Biol. Univ. Nac. Mexico 19:453-467.

1950 Estudios carcinologicos. 23. Datos acerca del valor taxonomico del segundo maxilipedo en algunas especies del genero Penaeus de las costas de Mexico. An. Inst. Biol. Univ. Nac. Mexico 21:147-153.

Risso, A.

1816* Histoire naturelle des Crustaces des environs de Nice. Paris, France.

Risso, A.

1826* Histoire naturelle de l'Europe méridionale. Vol. 5. Paris, France.

Robbins, William J., Annette Hervey, and Mary E. Stebbins

1951 Further observations on Euglena and B_{12}. Bull. Torrey Bot. Club 78(5):363-375.

Roelofs, Eugene W.

1950 Releasing small fish and shrimp from trawl nets. Comm. Fish. Rev., F.W.S., 12(8):1-11.

1950 Mesh size and construction as a factor in releasing small fish and shrimp from trawl nets. Fishery Leaflet, F.W.S., No. 382:11 pp.

1953 Distribution of fishery resources in relation to hydrographic conditions in North Carolina estuaries. Proc. Gulf Carib. Fish. Inst., Fifth Ann. Sess., pp. 141-145.

Roger, E. J.

1938 Quelques observations au sujet d'un Crustace Decapode Macroure assez rare: Funchalia woodwardi Johnson. Bull. Soc. Zool. France 63:23-32.

Roux, J.

1919 Süsswasserdekapoden von den Aru-und Kei-Inseln. Abhand. Senckenb. Naturf. Ges. 35:317-351.

Sanchez-Roig, Mario

1948* Rectificación de algunas vedas de acuerdo con recientes estudios de los ciclos biológicos de algunas especies de crustáceos. An. Acad. Cienc. Med. Fis. Nat. Habana 86:284.

Sanchez-Roig, Mario, and F. Gomez de la Maza

1951 Los camarones de mar en Cuba. Rev. Agricultura 34(1):113-119.

Sand, Reidar F.

1956 Underwater television in commercial fisheries research. Proc. Gulf Carib. Fish. Inst., Eighth Ann. Sess., pp. 129-132.

Sarenas, Artemio M.

1952 Commercial aquatic fauna of the Philippines. 1. Invertebrates. In: Philippine Fisheries. Prepared by technical staff of the Bureau of Fisheries. Pp. 28-35. Manila, Philippines.

Satouchi, S.

1937* Rerecognition of bottom-fish fishing ground of East China and Yellow Seas. Karatsu, Saga Prefecture, Japan.

Scattergood, Leslie W.

1955 Informe al gobierno de la Republica de Panama sobre investigacion de los recursos camaroneros Octubre 1952-Octubre 1953. Prog. Ampl. Asst. Tec., Informe No. 326.

Schmitt, Waldo L.

1921 The marine decapod Crustacea of California. Univ. Calif. Publ. Zool. 23:1-470.

1924 Expedition of the California Academy of Sciences to the Gulf of California in 1921. Crustacea (Macrura and Anomura). Proc. Calif. Acad. Sci., Fourth Ser., 13(24):381-388.

Schmitt, W. L.

1924* Macrura, Anomura and Stomatopoda collected by the Barbados Antigua Expedition from the University of Iowa. Stud. Nat. Hist. Iowa Univ. 10.

1924* The macruran, anomuran and stomatopod Crustacea. Bijdragen tot de Kennis der Fauna van Curacao. Bijdr. Dierkunde 23:61-81.

1926* Report on the Crustacea Macrura (Families Penaeidae, Campylonotidae and Pandalidae) obtained by the F. I. S. "Endeavor" in Australian seas. Biol. Res. Fish. Exp. "Endeavor" 5(6):311-381.

1926* The macruran, anomuran and stomatopod crustaceans collected by the American Museum Congo Expedition, 1909-1915 with field notes by Herbert Lang and James P. Chapin. Bull. Amer. Mus. Nat. Hist. 53:1-67.

1927 The Macrura and Anomura collected by the Williams Galapagos Expedition, 1923. Zoologica 5(15):161-171.

1927 The macruran, anomuran and stomatopod crustaceans collected by the American Museum Congo expedition, 1909-1915. Bull. Amer. Mus. Nat. Hist. 53(art. 1): 1-67.

1931 Two new species of shrimp from the Straits of Formosa. Lingnan Sci. J. 10(2-3):265-268.

1935* Crustacea Macrura and Anomura of Porto Rico and the Virgin Islands. Sci. Surv. Porto Rico and Virgin Islands, 15(2):125-227.

Schmitt, Waldo L.

1935 The West American species of shrimps of the genus Penaeus. Proc. Biol. Soc. Wash. 48:15-24.

Scholander, P. F., Walter Flagg, Vladimir Walters, and Laurence Irving

1953 Climatic adaptation in Arctic and tropical poikilotherms. Physiological Zoology 26(1):67-92.

Schuster, W. H.

1948* Over tambak garnalen. Landbouw 20(11-12):521-531.

1952 Fish-culture in brackish water ponds of Java. Indo-Pac. Fish. Coun., Spec. Publ. No. 1:143 pp.

Senna, Angelo

1903* La esplorazioni abissali nel Mediterraneo del R. Piroscafo "Washington" nel 1881. 2. Nota sui Crostacei Decapodi. Bull. Soc. Ent. Ital., Firenze, 1902(1903) 34:235-367.

Senoo, Hidemi

1910* On growth rate of Penaeus japonicus Bate. Zool. Mag. 22(256):91-92.

Shaikhmahmud, Fatema and N. G. Magar

1957 Studies in the nutritive value of Bombay Prawns. Part I. Chemical composition of prawns. J. Sci. Indus. Res. 16A:44-46.

Sharp, Benjamin

1893 Catalogue of the crustaceans in the Museum of the Academy of Natural Sciences of Philadelphia. Proc. Acad. Nat. Sci. Philadelphia 45:104-127.

Siebenaler, J. B.

1952 Studies of "trash" caught by shrimp trawlers in Florida. Proc. Gulf Carib. Fish. Inst., Fourth Ann. Sess., pp. 94-99.

1953 The Biscayne Bay commercial fishery. Fla. State Bd. Conserv. Tech. Ser., No. 6:20 pp.

1955 Commercial fishing gear and fishing methods in Florida. Fla. State Bd. Conserv. Tech. Ser., No. 13:47 pp.

Simmons, Ernest P.

1957 An ecological survey of the upper Laguna Madre of Texas. Publ. Inst. Mar. Sci. 4(2):156-200.

Smith, Hugh M.

1893 Report on the fisheries of the South Atlantic states. Bull. U. S. Fish Comm., 1891, 11:269-356.

Smith, Paul Ferris

1954 Further measurements of the sound scattering properties of several marine organisms. Deep-Sea Res. 2(1):71-79.

Smith, Sidney I.

1869 Abstract of a notice of the crustacea collected by Prof. C. F. Hartt on the coast of Brazil in 1867. Amer. J. of Sci. and Arts, Ser. 2, 48(art. 38):388-391.

1873 Notice of the Crustacea collected by Prof. C. F. Hartt on the coast of Brazil in 1867. Trans. Conn. Acad. Arts and Sci. 2(pt. 1, art. 1):1-41.

1880 Preliminary notice of the Crustacea dredged in 64-325 fathoms off the south coast of New England, by the United States Fish Commission, in 1880. Proc. U. S. Nat. Mus. 3:413-452.

Smith, Sidney I.

1882 Report on the results of dredging, under the supervision of Alexander Agassiz, on the East Coast of the United States, during the summer of 1880 by the U. S. Coast Survey Steamer "Blake". 17. Report on the Crustacea. Part 1. Decapoda. Bull. Mus. Comp. Zool. 10(art. 1): 1-108.

1882* Occasional occurrence of tropical and subtopical species of decapod Crustacea on the coast of New England. Trans. Conn. Acad. Sci., Vol. 4.

1884 Report on the decapod Crustacea of the "Albatross" dredgings off the East Coast of the United States in 1883. Rep. Commissioner, U. S. Com. Fish and Fish. for 1882. Pt. 10, App. C15, pp. 345-426.

1885 On some genera and species of Penaeidae mostly from recent dredgings of the United States Fish Commission. Proc. U. S. Nat. Mus. 8:170-190.

1886 The abyssal decapod Crustacea of the "Albatross" dredgings in the North Atlantic. An. Mag. Nat. Hist. Ser. 5, 17:187-198.

1887 Report on the decapod Crustacea of the "Albatross" dredgings off the east coast of the United States during the summer and sutumn of 1884. Rep. Commissioner, U. S. Com. Fish and Fish. for 1885, pt. 13, App. D 21, pp. 605-705.

Sparks, Albert K., and John G. Mackin

1957 A larval trypanorhynchid cestode from commercial shrimp. Texas J. Sci. 9(4):475-476.

Spaulding, M. Herrick

1908* Preliminary report on the life history and habits of the "lake shrimp" Penaeus setiferus. Bull. Gulf Biol. Sta. 11:1-24.

Sprague, Victor

1950 Notes on three microsporidian parasites of decapod Crustacea of Louisiana coastal waters. Occ. Papers Mar. Lab., La. State Univ., No. 5:1-8.

1954 Protozoa. In: Gulf of Mexico, its origin, waters and marine life. Edited by Paul S. Galtsoff. Fish. Bull. F. W. S., 55(Fish. Bull. 89):243-256.

Sprague, Victor, and P. E. Orr

1953 Studies on Nematopsis. 3. N. ostrearum and N. prytherchi with special reference to host-parasite relation. Conv. Papers Nat. Shellfish. Assoc. 1952, pp. 26-43.

Springer, Stewart

1951 The "Oregon's" fishery explorations in the Gulf of Mexico, 1950 (a preliminary report). Comm. Fish. Rev., F. W. S., 13(4):1-8.

1951 Expansion of Gulf of Mexico shrimp fishery, 1945-50. Comm. Fish. Rev., F. W. S., 13(9):1-6.

1951 Expansion of the shrimp fishery in the Gulf since 1945. South. Fish. 11(10):28-29, 83-85.

1951 Operation of the exploratory fishing vessel "Oregon". Proc. Gulf Carib. Fish. Inst., Third Ann. Sess., pp. 79-80.

1955 Exploitation of deep-water shrimp of the Gulf of Mexico. Proc. Gulf Carib. Fish. Inst., Seventh Ann. Sess. pp. 67-71.

1957 Shrimp, a new deep-water fishery resource. Trans. 22nd N. Amer. Wildlife Conf. pp. 425-431.

Springer, Stewart, and Harvey R. Bullis, Jr.

1952 Exploratory shrimp fishing in the Gulf of Mexico, 1950-1951 (Progress report). Comm. Fish. Rev., F. W. S., 14(17):1-12.

1952 Exploratory shrimp fishing in the Gulf of Mexico, 1950-51. Fishery Leaflet, F. W. S., No. 406:34 pp.

1954 Exploratory shrimp fishing in the Gulf of Mexico, summary report for 1952-54. Comm. Fish. Rev., F. W. S., 16(10):1-16.

1956 Collections by the Oregon in the Gulf of Mexico. Spec. Sci. Rep. Fish., F. W. S., No. 196:134 pp.

Srivatsa, K. R.

1953* A survey and comparative analysis of the prawn (shrimp) fishery of the Gulf of Kutch in Saurashtra in Western India. Government of Surashtra Publication. Saurashtra, India.

Stead, David G.

1898 Notes on the habits of some of the Australian Malacostracous Crustacea. Zoologist, Ser. 4, 2:202-212.

1910 Crustaceans. In: A brief review of the fisheries of New South Wales: present and potential. Pp. 10-17. Department of Fisheries, New South Wales. William A. Gullick, Sydney, Australia.

Stebbing, T. R. R.

1905* South African Crustacea. (Pt. 3 of South African Crustacea, for the Marine Investigations in South Africa.) Mar. Invest. S. Africa 4:21-123.

Stebbing, T. R. R.

1905* South African Crustacea. (Pt. 4 of South African Crustacea, for the Marine Investigations in South Africa) An. S. Afr. Mus. 6(1):1-96.

1910 General catalogue of the South African Crustacea. An. S. Afr. Mus. 6(4):281-593.

1914 Stalk-eyed Crustacea Malacostraca of the Scottish National Antarctic Expedition. Trans. Roy. Scot. Soc. Edinburgh 50(pt. 2):253-307.

1915* South African Crustacea. (Pt. 7 of South African Crustacea, for the Marine Investigations in South Africa.) An. S. Afr. Mus. 15:1-55.

1915* South African Crustacea. (Pt. 8, of South African Crustacea, for the Marine Investigations in South Africa.) An. S. Afr. Mus. 15(2):57-104.

1917* South African Crustacea. (Pt. 9 of South African Crustacea, for the Marine Investigations in South Africa.) An. S. Afr. Mus. 17:23-46.

1917* The Malacostraca of Durban Bay. An. Durban Mus. 1(pt. 5, art. 22):435-450.

1918* Some Crustacea of Natal. An. Durban Mus. 2:47-74.

1921* South African Crustacea. (Pt. 11 of South African Crustacea, for the Marine Investigations in South Africa.) An. S. Afr. Mus. 18:453-468.

Steinbeck, John, and Edward F. Ricketts

1941 Sea of Cortez. 598 pp. The Viking Press, New York, N. Y.

Steinitz, Walter

1932 Eine neue garnelenart: Metapenaeus palaestinensis. Zool. Anz. 100(7-8):161-164.

Steinitz, W.

1932* Natchrag und Berichtigung zu meinem Beitrag. 1. Eine neue Garnelenart: Metapenaeus palaestinensis. Zool. Anz. 102:338-339.

1933* Beiträge zur Kenntnis der Küstenfauna Palästinas. (Teil 2). Pubbl. Staz. Zool. Napoli 13:143-154.

Stephensen, K.

1923* Decapoda-Macrura excluding Sergestidae. Rep. Danish Oceanog. Exped. Medit., Biol. 2(pt. D3):1-85.

1935* Crustacea Decapoda. The Godthaab Expedition, 1928. Medd. Grønland 80(1).

Stimpson, W.

1860 Prodromus descriptionis animalium evertebratorum, quae in Expeditione ad Oceanum Pacificum Septentrionalem, a Republica Federata missa, Cadwaladaro Ringgold et Johanne Rodgers Ducibus, observavit et descripsit. Pars 8. Crustacea Macrura. Proc. Acad. Nat. Sci. Philadelphia 12:22-47.

1871* Notes on North American Crustacea in the Museum of the Smithsonian Institution, No. 3: read Oct. 2, 1871. An. Lyc. Nat. Hist. N. Y., Vol. 10.

Streets, T. Hale

1871 Catalogue of Crustacea from the Isthmus of Panama collected by J. A. McNeil. Proc. Acad. Nat. Sci. Philadelphia 23:238-243.

Suarez Caabro, Jose A.

1957 The present situation in the fishing industry of Cuba. Proc. Gulf Carib. Fish. Inst., Ninth Ann. Sess., pp. 136-143.

Sun, Tsu-Yuan

1938 The appendages of the large marine prawn, Penaeus orientalis. Peking Nat. Hist. Bull. 13(pt. 1):35-38.

Sund, O.

1920* Penaeides and Stenopides. Rep. Sars N. Atl. Deep Sea Exped. 3(pt. 2, zool.):36 pp.

Suttkus, Royal D., Rezneat M. Darnell, and Jeanne H. Darnell

1954 Biological study of Lake Pontchartrain. Tulane Univ. Zool. Dept., Ann. Rep. 1953-1954, 59 pp.

Swartz, Max

1951 The outlook for shrimp production. Proc. Gulf Carib. Fish. Inst., Third Ann. Sess., p. 17.

Szüts, A.

1915* Az Adria egy erdekes es ket eddig ismeretlen tizlabu rakja. (Neue und interessante Decapodenkrebse aus der Adria.) Allat. Közlem. 14:5-15.

Tafall, B. F. O.

1943* Algunos datos sobre zoología económica del Mar de Cortés. Rev. Soc. Mexicana Hist. Nat. 4(3-4):191-210.

Tattersall, Walter M.

1921 Report on the Stomatopoda and Macrurous Decapoda collected by Mr. Cyril Crossland in the Sudanese Red Sea. J. Linn. Soc. (Zool.), London 34(229):345-398.

Thallwitz, J.

1891* Decapoden-Studien. Abhand. Ber. Zool. Antropol.-Ethnolog. Mus. 1890-1891, No. 3.

Tham, Ah Kow

1954* The shrimp industry of Singapore. Proc. Indo-Pac. Fish. Coun., Fifth Meet., Tech. Pap.16.

Thielemann, Martin

1910* Beitraträge zur Kenntnis der Isopodenfauna Ostasiens. (Beiträge zur Naturgeschichte Ostasiens. Hrsg. von F. Doflein). Abhand, K. Bayer Akad. Wiss. Math. Phys. Kl. Munchen Suppl.-Bd. 2, Abh. 3(1-109), 2 Taf.

Thomson, J. M.

1955 Fluctuations in Australian prawn catch. Indo-Pac. Fish. Coun., Sixth Sess., Symp 13:5 pp.

Thompson, Lindsay G.

1893 Crustacea. In: History of the fisheries of New South Wales, with a sketch of the laws by which they have been regulated. Pp. 73-75. Published by authority of the New South Wales Commissioners for the World's Columbian Exposition, Chicago, 1893. Charles Potter, Sydney, Australia.

Tressler, Donald K., and James McW. Lemon

1951 The American shrimp industry. In: Marine Products of Commerce, 2nd edition, pp. 590-607. Reinhold, New York, N. Y.

Tulian, E. A.

1920 Louisiana - greatest in the production of shrimp - Penaeus setiferus. Trans. Amer. Fish. Soc. 49(3): 115-124. Also: La. Dept. Conserv., 4th Bienn. Rep. 1918-1920, pp. 106-114.

Tulian, E. A.

1923 The present status of the Louisiana shrimp industry. Trans. Amer. Fish. Soc. 53:110-121.

1926 Increase in the salt water shrimp catch from Louisiana waters. Trans. Amer. Fish. Soc. 56:169-174.

U Ba Kyaw

1955 Floating shrimp traps in the deltaic area of Burma. Indo-Pac. Fish. Coun., 6th Sess., Symp. 15:3 pp.

United States Department of the Interior

1945 Atlantic fishery resources - shrimp. In: Fishery Resources of the United States. Letter to the 79th Congress - 1st Session. U. S. Senate Document No. 51, pp. 91-92. Washington, D. C.

United States Fish and Wildlife Service

1948 The shrimp and the shrimp industry of the south Atlantic and Gulf of Mexico. Fishery Leaflet, F. W. S., No. 319: 5 pp.

1949 Keeping live shrimp for bait. Fishery Leaflet, F. W. S., No. 337: 2 pp.

1958 Foreign shrimp fisheries other than Central and South America. Spec. Sci. Rep. Fish., F. W. S., No. 254: 71 pp.

Utsunomiya, T., et al.

1954* Feeding habit of fish and others inhabiting Yamaguchi Prefecture brackishwater regions of the Inland Sea of Japan. J. Yamaguchi Pref. Naikai Fish. Exp. Sta. 6(1):11-24.

Venkataraman, R., S. T. Chari, and A. Sreenivasan

1955 Some aspects of preservation of prawns in Madras. Indo-Pac. Fish. Coun., 6th Sess., Symp. 9:5 pp.

Verrill, A. E.

1922* Decapod Crustacea of Bermuda. 2. Macrura. Trans. Conn. Acad. Arts and Sci. 26:1-179.

Vieira, B. Borges

1947* Observaciones sôbre a maturações de Xyphopenaeus kroyeri no litoral de São Paulo. Bol. Mus. Nac. Zool. 74:1-22.

Vilela, H.

1949* Crustáceos decápodes e estomatópodes de Guiné Portuguesa. An. Jta. Invest. Colon. 4:47-70.

Villadolid, Deogracias V.

1937 The fisheries of Lake Taal, Pansipit River, and Balayan Bay, Batangas Province, Luzon. Philip. J. Sci. 63:191-225.

Villadolid, Deogracias V., and Domiciano K. Villaluz

1951* The cultivation of sugpo (Penaeus monodon Fabricus) in the Philippines. Philip. J. Fish. 1(1):55-65.

Villaluz, Domiciano K., and Felix J. Arriola

1938 Five other known species of Penaeus in the Philippines. Philip. J. Sci. 66(1):35-42.

Viosca, Percy, Jr.

1920 Report of the Biologist. La. Dept. Conserv., 4th Bienn. Rep. 1918-20, pp. 120-130.

1928 Flood control in the Mississippi Valley in its relation to Louisiana fisheries. La. Dept. Conserv., Tech. Pap. No. 4, pp. 1-16. Also: Trans. Amer. Fish. Soc. 57:49-64.

1928 Louisiana wet lands and the value of their wildlife and fishery resources. Ecology 9:216-229.

1938 Effect of the Bonnet Carre Spillway on fisheries. La. Conserv. Rev., Winter 1937-1938, pp. 51-53.

1945 A critical analysis of practices in the management of warm-water fish with a view to greater food production. Trans. Amer. Fish. Soc. 73:274-283.

1953 Observations on the life history and habits of the lake shrimp. La. Conserv. 5(4):2-5, 18.

1957 Shrimp potpourri. La. Conserv. 9(7):10-13, 20, 21.

1958 What became of the white shrimp? La. Conserv. 10(7-8): 17-18.

Voss, Gilbert L.

1955 A key to the commercial and potentially commercial shrimp of the family Penaeidae of the western North Atlantic and the Gulf of Mexico. Fla. State Bd. Conserv. Tech. Ser., No. 14, 23 pp.

Wass, Marvin L.

1955 The decapod crustaceans of Alligator Harbor and adjacent inshore areas of northwestern Florida. Quart. J. Fla. Acad. Sci. 18(3):129-176.

Waterman, Talbot H., Rudolph E. Nunnemacker, Fenner A. Chace, Jr., and George L. Clarke

1939 Diurnal vertical migrations of deep-water plankton. Biol. Bull. 76(2):256-279.

Weber, Friderico

1795* Nomenclator entologicus secundum Entomologiam systematicam. 3. Fabricii adjectis speciebus recens detectis et varietatibus. 171 pp. Chilonii et Hamburgi. Bohn.

Weibezahn, F. H.

1952* Observaciones preliminares sobre una pesca experimental de camarones en la costa del Estado Anzoategue. Bol. Pesca, Venezuela No. 1:1-16.

Weldon, W. F. R.

1889 Note on the function of the spines of the crustacean zooea. J. Mar. Biol. Assoc. U. K. 1(2):169-170.

Welsh, William W., and C. M. Breder, Jr.

1924 Contributions to the life histories of Sciaenidae of the eastern United States coast. Bull. U. S. Bur. Fish., 39(Doc. 945-1923):141-201.

Weymouth, Frank W.

1931 Shrimp investigations on the South Atlantic and Gulf coasts. La. Conserv. Rev. 1(13):11-13.

1932 Federal and State co-operative shrimp investigations in Louisiana. La. Conserv. Rev. 2(9):39-40.

Weymouth, Frank W., Milton J. Lindner, and William W. Anderson

1933 Preliminary report on the life history of the common shrimp, Penaeus setiferus (Linn.). Bull. Bur. Fish. 48(Bull. 14):1-26.

1933 A summary of the life history of the common shrimp (Penaeus setiferus) of the South Atlantic and Gulf Coasts of the United States. Trans. Amer. Fish. Soc., 62:108-110.

Wheeler, J. F. G.

1937* Further observations on lunar periodicity. J. Linn. Soc. (Zool.) London 40(272):325-345.

Whitelegge, Thomas

1889 List of the marine and freshwater invertebrate fauna of Port Jackson and the neighbourhood. Proc. Roy. Soc. N. S. W. 23:163-323.

1897* The Crustacea of Funafuti. The Atoll of Funafuti, Ellice Group: its zoology, botany, ethnology, and general structure based on collections made by Mr. Charles Hedley, of the Australian Museum, Sydney, N. S. W., Mem. Austral. Mus. 3:125-151.

Whitelegge, Thomas

1900* Crustacea. In: Scientific results of the trawling expedition of H. M. C. S. "Thetis" off the coast of New South Wales in February and March 1898. Pt. 2. Mem. Austral. Mus. 4(1):133-199.

Whitten, H. L., Hilda F. Rosene, and J. W. Hedgpeth

1950 The invertebrate fauna of Texas coast jetties. A preliminary survey. Publ. Inst. Mar. Sci. 1(2): 53-87.

Williams, Austin B.

1953 Identification of juvenile shrimp (Penaeidae) in North Carolina. J. Elisha Mitchell Sci. Soc. 69:156-160.

1955 A contribution to the life histories of commercial shrimps (Penaeidae) in North Carolina. Bull. Mar. Sci. Gulf Carib. 5(2):116-146.

1955 A survey of the North Carolina shrimp nursery grounds. J. Elisha Mitchell Sci. Soc. 71(1):200-207.

Williams, O. B., L. Leon Campbell, Jr., and Horace B. Rees, Jr.

1952 The bacteriology of Gulf coast shrimp. 2. Qualitative observations on the external flora. Texas J. Sci. 4(1):53-54.

Williams, O. B., and Horace B. Rees, Jr.

1952 The bacteriology of Gulf coast shrimp. 3. The intestinal flora. Texas J. Sci. 4(1):55-58.

Williams, O. B., Horace B. Rees, Jr., and L. Leon Campbell, Jr.

1952 The bacteriology of Gulf Coast shrimp. 1. Experimental procedures and quantitative results. Texas J. Sci. 4(1):49-52.

Woodburn, Kenneth D., Bonnie Eldred, Eugenie Clark, Robert F. Hutton, and Robert M. Ingle

1957 The live bait shrimp industry of the west coast of Florida (Cedar Key to Naples). Fla. State Bd. Conserv. Tech. Ser., No. 21:33 pp.

Wood-Mason, J.

1892* Illustrations of the zoology of H. M. Indian Marine Surveying Steamer "Investigator". Pt. 1. Crustacea. Calcutta, India.

Wood-Mason, J., and A. Alcock

1891 Natural history notes from H. M. Indian Marine Survey Steamer "Investigator", Commander R. F. Hoskyn, R. N., commanding. No. 21. Note on the results of the last season's deep-sea dredging. An. Mag. Nat. Hist. Ser. 6, 7:186-202.

1891 Natural history notes from H. M. Indian Marine Survey Steamer "Investigator", Commander R. F. Hoskyn, R. N., commanding. Series 2, No. 1. On the results of deep-sea dredging during the season 1890-91. An. Mag. Nat. Hist. Ser. 6, 8:268-286.

Woodward, George M.

1956 The shrimp fishery. In: Commercial fisheries of North Carolina. An economic analysis. Pp. 81-110. Univ. of North Carolina, Chapel Hill, N. C.

Yasuda, D.

1950* A biological note on the shrimp, Trachypenaeus curvirostris (Stimpson). Bull. Japan. Soc. Sci. Fish. 15(4):180-189.

Yasuda, J.

1955 Shrimps of the Seto Inland Sea of Japan. Indo-Pac. Fish. Coun., Sixth Sess., Symp. 16:8 pp.

Yatsuyanagi, T., et al.

1954* Ecological studies on the important aquatic animals of the Inland Sea of Japan. 7. Metapenaeus joyneri (Miers). J. Yamaguchi Pref. Naikai Fish. Exp. Sta. 6(1):1-9.

Yatsuyanagi, T., and K. Maekawa

1955* Ecological studies on the important aquatic animals of the Inland Sea of Japan. 8. Penaeus japonicus Bate. J. Yamaguchi Pref. Naikai Fish. Exp. Sta. 7(1):1-15.

Yokoya, Yu

1933 On the distribution of decapod crustaceans inhabiting the Continental Shelf around Japan chiefly based upon the materials collected by S. S. Soyo-Maru, during the years 1923-1930. J. Coll. Agri., Imp. Univ. Tokyo, 12(1):1-226.

1941* On the classification of penaeid shrimps by the structural features of the appendix masculina. J. Coll. Agric., Imp. Univ. Tokyo 15(1):45-68.

Yoshida, Hiroshi

1941 Important marine shrimps and lobsters of Tyōsen (Korea). Bull. Fish. Exp. Sta. Gov. Gen. Tyōsen No. 7:1-36.

Yoshida, H.

1949* On the life history of the Korean shrimp Penaeus orientalis Kishinouye. Bull. Japan. Soc. Sci. Fish., 15(5):245-248.

Yost, Bartley F.

1922* Shrimp fishing industry on Pacific coast of Mexico. Memo. Bur. Fish. S-226.

Young, Joseph H.

1956 Anatomy of the eyestalk of the white shrimp, Penaeus setiferus (Linn. 1758). Tulane Stud. Zool. 3(10): 171-190.

Yü, S. C.

1935* On the Chinese Penaeidea. Bull. Fan. Mem. Inst. Biol. (Zool.) 6:161-171.

1937* On a new species of the genus Solenocera Lucas. Bull. Fan. Mem. Inst. Biol. (Zool.) 7:111-117.

Zariquiez Alvarez, R.

1946* Crustáceos decápodos mediterraneos. Publ. Biol. Medit. 2:10-81.

Zimmermann, Hans

1907* Tierwelt am Strande der blauen Adria. Eine Naturwissenschaftliche Skizze zur Erlangung einer Ubersicht der Fauna von Rovigno (Istrien), souie zur Einführung in die Sammeltechnik. Zeit. Naturw., Ser. 5, 16: 293-321.

Zobell, Claude E.

1954 Marine bacteria and fungi in the Gulf of Mexico. In: Gulf of Mexico, its origin, waters, and marine life. Edited by Paul S. Galtsoff. Fish. Bull. F. W. S., 55 (Fish. Bull. 89):217-222.

ADDITIONAL REFERENCES

Dodgen, Howard D.

1958 Upset in the shrimp fishery. Texas Game and Fish, 16(7): 3.

Eisenmann, Richard

1958 The shrimp industry of Panama. Proc. Gulf Carib. Fish. Inst., Tenth Ann. Sess., pp 34-36.

Galtsoff, Paul S.

1958 A decade of progress in fishery biology of the Gulf and Caribbean area. Proc. Gulf Carib. Fish. Inst., Tenth Ann. Sess., pp. 16-21.

Kesteven, G. L. and T. J. Job

1958 Shrimp culture in Asia and the Far East: A preliminary review. Proc. Gulf Carib. Fish. Inst., Tenth Ann. Sess., pp. 49-68.

Lindner, Milton J.

1958 The shrimp resources of continental Latin America. Proc. Gulf Carib. Fish. Inst., Tenth Ann. Sess., pp. 28-34.

Lunz, G. Robert

1958 Pond cultivation of shrimp in South Carolina. Proc. Gulf Carib. Fish. Inst., Tenth Ann. Sess., pp. 44-48.

Pillay, T. V. R.

1958 Land reclamation and fish culture in the deltaic areas of West Bengal, India. Prog. Fish. Cult., F. W. S., 20(3):99-103.

Rao, K. P.

1958 Oxygen consumption as a function of size and salinity in Metapenaeus monoceros Fab. from the marine and brackish water environments. Journal Experimental Biology 35(2):307-313.

Rounsefell, George A.

1958 Shrimp research by the U. S. Fish and Wildlife Service. Proc. Gulf Carib. Fish. Inst., Tenth Ann. Sess., pp. 43-44.

Villadolid, D. V. and P. R. Manacop

1951 The ECA program in fishpond culture in the Philippines. Bulletin Fisheries Society Philippines, 2:50-62.

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