

REFERENCES

- Aikanathan, S., and A. Sasekumar, 1994. The community structure of macroalgae in a low shore mangrove forest in Selangor, Malaysia. *Hydrobiologia* 285 : 131-137.
- Aksornkoae, S., and C. Khemnark, 1984. Nutrient cycling in mangrove forest of Thailand. In Proc. As. Symp. Mangr. Env. - Res. and Manag., edited by Soepadmo, E., A. N. Rao and D. J. Macintosh. pp. 545-557.
- Alongi, D. M., 1987a. Inter-estuary variation and intertidal zonation of free-living nematode communities in tropical mangrove systems. *Mar. Ecol. Prog. Ser.* 4 : 103-114.
- Alongi, D. M., 1987b. The influence of mangrove-derived tannins in intertidal meiobenthos in tropical estuaries. *Oecologia*, 71 : 337-540.
- Annual Fisheries Statistics, Malaysia. Fisheries Division, Ministry of Agriculture, Malaysia, 1989.

Arvin, P. L., 1977. Introduction to the common marine zooplankton of Peninsular Malaysia. Division of Fisheries and Marine Science, University Pertanian Malaysia.

Austin, H. M., 1971. A survey of the ichthyofauna of the mangroves of western Puerto Rico during December 1967 - August 1968. Caribb. J. Sci. 11 : 427-455.

Barnes, R. S. K., 1974. Invertebrate Zoology. Saunders and Toppan, Tokyo, Japan.

Barnes, R. S. K., 1984. Estuarine biology -2nd ed. The Institute of Biology's Studies in Biology. No. 49. 76 pp.

Bell, J. D., D. A. Pollard, J. J. Burchmore, B. C. Pease, and M. J. Middleton, 1984. Structure of a fish community in a temperate tidal mangrove creek in Botany Bay, New South Wales. Aust. J. Mar. Freshwat. Res. 35 : 33-46.

Bhowmik, S. K., G. N. Roy and S. Barman, 1985. A list of 24 strains of bacteria from the decomposed litter of mangrove areas of Sundarbans complex. Nat. Symp. on Biology, Utilization and Conservation of Mangroves. Abstract No. 72. pp.

Blaber, S. J. M., 1980. Fish of the Trinity Inlet System of North Queensland with notes on the ecology of the fish faunas of tropical Indo-Pacific estuaries. Australian Journal of Marine and Freshwater Research 31 : 137-146.

Blaber, S. J. M., D. T. Brewer and J. P. Salini, 1989. Species composition and biomasses of fishes in different habitats of a tropical northern Australian estuary : their occurrence in the adjoining sea and estuarine dependence. Est. Coastal Shelf Sci. 29 : 509-531.

Blaber, S. J. M., J. W. Young and M. C. Dunning, 1985. Community structure and zoogeographic affinities of the coastal fishes of the Dampier Region of North-western Australia. Aust. J. Mar. Freshw. Res., 36 : 247-66.

Blaber, S. J. M. and T. G. Blaber, 1980. Factors affecting the distribution of juvenile estuarine and inshore fish. *J. Fish Biol.* 17 : 143-162.

Boto, K. G. and J. S. Bunt, 1981. Dissolved oxygen and pH relationship in northern Australian mangrove waterways. *Limnol. Oceanogr.* 26 : 1176-1178.

Branford, J. R., 1981. Sediment and the distribution of Penaeid shrimp in the Sudanese Red Sea. *Estuarine, Coastal and Shelf Science* 13 : 349-354.

Broom, M. J., 1982. Structure and seasonality in a Malaysian mudflat community. *Estuarine, Coastal and Shelf Sci.* 15 : 135-150.

Carter, M. R., L. A. Burns, T. R. Cavinder, K. R. Degger, P. I. Fort, D. B. Hicks, H. L. Revells and T. W. Schmidt, 1973. Ecosystems Analysis of the Big Cypress Swamp and Estuaries, U. S. Environmental Protection Agency, Atlanta, Georgia EPA 904/9-7A-002.

Changprai, C., 1984. Mangrove soils and their utilization in Thailand. In Proc. As. Symp. Mangr. Env. - Res. and Manag., edited by Soepadmo, E., A. N. Rao and D. J. Macintosh. pp. 521-533.

Chaudhuri, A. B., and A. Choudhury, 1994. Mangroves of the Sundarbans Volume One : India. 247 pp.

Chong, V. C., 1977. Studies on the small grey mullet *Liza melinoptera* (Valenciennes). J. Fish Biol. 11 : 293-308.

Chong, V. C., 1980. The biology of the white prawn *Penaeus merguiensis* de Man. (Crustacea : Penaeidae) in Pulau Angsa Klang Strait waters (Straits of Malacca). M. Sc. thesis. Dept. of Zoology, University of Malaya, Kuala Lumpur, Malaysia. 141 pp.

Chong, V. C., 1980. Maturation and breeding ecology of the white prawn *Penaeus merguiensis* de Man. Tropical Ecology and Development. In Proc. of the Vth. international symposium of tropical ecology, edited by Furtado, J. I. pp. 1175-1184.

Chong, V. C. and A. Sasekumar, 1981. Food and feeding habits of the white prawn *Penaeus merguiensis*. Marine Ecology - Progress Series. Vol. 5 : 185-191.

Chong, V. C., G. H. Wee and A. Sasekumar, 1989. Inshore fish and prawns communities off a mangrove shore in Selangor, Malaysia. In Proc. of the Regional Symposium on Living Resources in Coastal Areas, edited by Sasekumar, A., C. V. Chong and M. U. C. Leh. pp. 503-519.

Chong, V. C., A. Sasekumar, M. U. C. Leh and R. D'Cruz, 1990. The fish and prawn communities of a Malaysian Coastal mangrove system, with comparisons to adjacent mud flats and inshore waters. Est. Coastal and Shelf Sci. 31 : 703-722.

Chong, V. C., G. H. Wee and A. Sasekumar, 1991. Inshore fish and prawn communities off a mangrove shore in Selangor, Malaysia. In Proc. of the Regional Symposium on Living Resources in Coastal Areas, edited by Sasekumar, A., V. C. Chong and M. U. C. Leh. pp. 503-512.

Choudhury, A., A. Das, S. Bhattacharvay and A. B. Bhunia, 1984. A quantitative assessment of benthic macrofauna in the intertidal mudflats of Sagar Island, Sunderbans, India. In Proc. As. Symp. Mangr. Env. - Res. and Manag., edited by Soepadmo, E., A. N. Rao and D. J. Macintosh. pp. 298-310.

Chua T. E., 1973. An ecological study of the Ponggol Estuary in Singapore. Hydrobiologia vol. 43 : 505-533.

Clarke, T. A., 1983. Sex ratios and sexual differences in size among mesopelagic fishes from the Central Pacific Ocean. Marine Biology 73 : 203-209.

Cogger, H. G., 1979. Reptiles and Amphibians of Australia. Sydney, Wellington, London. 2nd. Edition. 584 pp.

Common, I. W. B. and D. F. Waterhouse, 1972. Butterflies of Australia. Angus and Robertson. 498 pp.

Dall, W., 1981. Osmoregulatory ability and juvenile habitat preference in some penaeid prawn. Journal of Exploratory Marine Biology and Ecology 54 : 55-64.

Day, J. H., Blaber, S. J. M. and Wallace, J. H., 1981.
Estuarine fish. In Estuarine Ecology with Particular
Reference to Southern Africa, edited by Day, J. H. pp.
197-221. (A.A. Balkema : Rotterdam).

Davis, T. L. O., 1988. Temporal changes in the fish fauna
entering a tidal swamp system in tropical Australia.
Environmental Biology of Fishes. Vol, 21. No. 3 :
161-172.

de Freitas, A. J., 1986. Selection of nursery areas by six
Southeast African Penaeidae. Estuarine, Coastal
and Shelf Science 23 : 901-908.

de Leon, R. O. D, A. C. Alcala and R. J. Raymunde, 1989.
Potential levels of primary production and
community structure of the Talabong mangrove
forest, Negros Oriental, Philippines. In Proc.
of the Regional Symposium on Living Resources in
Coastal Areas, edited by Sasekumar, A., V. C.
Chong and M. U. C. Leh. pp 453-458.

Delamare and Deboutteville, C., 1960. Biologic des eaux
souterraines littorales et Continentales. Hirmann,
Paris, pp. 740.

Dolar, M. L., A. C. Alcala and J. Nuique, 1991. A survey on the fish and crustaceans of the mangroves of the North Bais Bay, Philippines. In Proc. of the Regional Symposium on Living Resources in Coastal Areas, edited by Sasekumar, A., C. V. Chong and M. U. C. Leh. pp. 513-519.

Duncan, P., 1984. Interwader Annual Report. East Asia/Pacific Shorebird study programme. Edited by Duncan,⁰ and Wells. . pp. 69-118.

Dye, A. H., 1983a. Composition and seasonal fluctuations of meiofauna in a South Africa mangrove estuary. Mar. Biol., 73 : 165-170.

Dye, A. H., 1983b. Vertical and horizontal distribution of meiofauna in mangrove sediments in Transkei, Southern Africa. Estuar. Coastal Shelf Sci., 16 : 591-598.

Fischer, W., and P. J. P. Whitehead , 1971. FAO species identification sheets for fishery purposes. Eastern Indian Ocean and Western Central Pacific (fishing area 71). Vol. I-IV.

Gold, J. R., 1979. Cytogenetics. In Fish Physiology, edited by Hoar, W. S., D. J. Randall and J. R. Brett . Volume VIII. Bioenergetics and Growth. pp. 353-405.

Golley, F. B., Odum, H. T. and R. F. Wilson, 1962. The structure and metabolism of a Puerto Rican red mangrove forest in May. Ecology 43 : 9-19.

Gong, W. K., J. E. Ong, C. H. Wong and G. Dhanarajan, 1984. Productivity of mangrove trees and its significance in a managed mangrove ecosystem in Malaysia. In Proc. As. Symp. Mangr. Env. - Res. and Manag., edited by Soepadmo, E., A. N. Rao and D. J. Macintosh. pp. 216-225.

Gunter, G., J. Y. Christmas and R. Killebrew, 1964. Some relations of salinity to population distributions of motile estuarine organisms, with special reference to penaeid shrimp. Ecology 45 : 181-185.

Haedrick, R. L. and S. O. Haedrick, 1974. A seasonal survey of the fishes in the Mystic River, a polluted estuary in downtown Boston, Massachusetts. Estuar. Coast. Mar. Sci. 2 : 59-73.

Hall, D. N. F., 1962. Observations on the taxonomy and biology of some Indo-West Pacific Penaeidae (Crustacea, Decapoda). Colonial Office Fishery Publ. No. 17. HM.S.O. London.

Hawkins, A., and M. Silvius, 1986. Waders in West Peninsular Malaysia. Interwader Newsletter 7 : 4-5 (June 1986).

Hellawell, J. M., and R. Abel, 1971. A rapid volumetric method for the analysis of the food of fishes. J. Fish Biol. 3 : 29-37.

Herre, A. W. C. T., 1959. Marine fish in Philippine rivers and lakes. The Phil. J. Sc. 87 : 65-88.

Hutchings, P. A., and H. F. Recher, 1983. The faunal Communities of Australian mangroves. In Tasks for vegetation science, edited by Teas, H. J., vol. 8. pp. 103-110.

Hynes, H. B. N., 1971. The biology of polluted waters. Liverpool University Press, England.

Hyslop, E. J., 1980. Stomach contents analysis - a review of methods and their application. J. Fish Biol. 3, 29-37.

Ikematsu, W., 1957. An estimation of secular variation of "Ami" (*Acetes japonicus* and *mysis*) yield based on the past records of catch statistics in Saga prefecture. Report of the Investigation on the Ariake Sea, 4 : 35-41 (in Japanese).

Jansson, B. O., A. D. McIntyre, S. W. Nixon, M. M. Pamatmat, B. Zeitzschel and J. J. Zijlstra, 1988. Coastal-offshore interactions - an evaluation of presented evidence. In *Coastal-Offshore Ecosystem Interactions*. Springer-Verlag, edited by Jansson, B. O. pp 357-263.

Jothy, A. A., 1984. Capture fisheries and the mangrove ecosystem. Eds: Ong, J. E. and W. K. Gong. Productivity of the mangrove ecosystem : management implications. University of Sains Malaysia, Penang. pp. 129-141.

Jude, D. J., 1971. Food and feeding habits of gizzard shad in Pool 19, Mississippi River. Trans. Am. Fish. Soc. 102 : 378-383.

Kesteven, G. L., 1960. Manual of field methods in fisheries biology. FAO Manuals in Fisheries Science No. 1. FAO Rome. 152 pp.

Khoo K. H., 1989. The fisheries in the Matang and Merbok mangrove ecosystem. In Proc. 12th. Annual Seminar of the Malaysian Society of Marine Sciences, edited by Pang, S. M., A. Sasekumar and S. Vickineswary. pp. 147-169.

Kondalarao, B., 1983. Distribution of meiofauna in the Gautami-Kodavari estuarine system. Mah. Bull. Natl. Inst. Oceanogr., 16 : 453-457.

Krishnamurthy, K. and M. J. Jeyaseelan, 1981. The early life history of fishes from Pichavaram mangrove ecosystem of India. Rapp. P.-V. Reun. Cons. perm. Int. Explor. Mer 178 : 416-423.

Krishnamurthy, K., M. A.. Sultan Ali and M. J. Prince Jeyaseelan, 1984. Structure and dynamics of the aquatic food web community with special reference to nematodes in mangrove ecosystem. In Proc. As. Symp. Mangr. Env. - Res. and Manag., pp 429-452.

Kurian, C. V., 1984. Fauna of the mangrove swamps in Cochin Estuary. In Proc. As. Symp. Mangr. Env. - Res. and Manag., pp. 226-230.

Lagler, K. F., J. E. Bardach and R. R. Miller,
1962. Ichthyology - The Study of Fishes. Ed.
published by John Wiley and Sons. 545 pp.

Leh, M. U. C. and A. Sasekumar, 1984. Feeding ecology of
prawns in shallow waters adjoining mangrove shores.
In Proc. As. Symp. Mangr. Env. - Res. and Manag.,
edited by Soepadmo, E., A. N. Rao and D. J.
Macintosh. pp 331-353.

Leh, M. U. C. and A. Sasekumar, 1989. Ingression of fish
into mangrove creeks in Selangor, Malaysia. In
Proceedings of the Regional Symposium on Living
Resources in Coastal Areas, edited by Sasekumar, A.,
C. V. Chong and M. U. C. Leh. pp. 495-501.

Lenanton, R. C. J., 1982. Alternative non-estuarine nursery
habitats for some commercially and
recreationally important fish species of South-
western Australia. Aust. J. Mar. Freshw. Res. 33
: 881-900.

Little, M. C., P. J. Reay and S. J. Grove, 1988. The fish
community of an East African mangrove creek. J.
Fish Biology 32 : 729-747.

Livingstone, R. J., 1976. Diurnal and seasonal fluctuations of organisms in a north Florida estuary. *Estuar. Coast. Mar. Sci.* 1 : 19-36.

Shamsudin, L., 1990. Diatom marin di perairan Malaysia. Dewan Bahasa dan Pustaka. pp.260.

Lovett, D. L., 1981. A guide to the shrimps, prawns, lobsters and crabs of Malaysia and Singapore. Faculty of Fisheries and Marine Science, Universiti Pertanian Malaysia. Occasional Publ. No. 2 (a compilation).

Lugo, A., 1980. Mangrove ecosystems : successional or steady state? *Biotropica*, 12 : 65-72.

Macnae, W., 1968. A general account of the fauna and flora of mangrove swamps and forests in the Indo-West-Pacific region. *Advan. Mar. Biol.* 6 : 73-270.

Macnae, W., 1974. Mangrove forests and fisheries. Indian Ocean Progr. Publ. 34 (IOFC/DEV/74/34). Rome. 35 pp.

Macnae, W. and M. Kalk, 1962. The ecology of the mangrove swamps of Inhaca Island, Mocambique. *J. Ecol.* 50 : 19-34.

Mair, J. McD., 1980. Salinity and water-type preferences of four species of postlarval shrimp (*Penaeus*) from West Mexico. *Journal of Exploratory Marine Biology and Ecology* 45 : 69-82.

Mann, R. H. K., 1973. Observations on the age, growth, reproduction and food of the roach, *Rutilus rutilus*, in two rivers in southern England. *J. Fish Biol.* 5 : 707-36.

Mann, R. H. K., 1974. Observations on the age, growth, reproduction and food of the dace, *Leuciscus leuciscus* (L.), in two rivers in southern England. *J. Fish Biol.* 6 : 237-53.

Mann, R. H. K., 1976a. Observations on the age, growth, reproduction and food of the pike, *Esox lucius* (L.), in two rivers in southern England. *J. Fish Biol.* 8 : 179-97.

Mann, R. H. K., 1976b. Observations on the age, growth, reproduction and food of the chub, *Squalius cephalus* (L.), in two rivers in southern England. *J. Fish Biol.* 8 : 265-88.

Margalef, R., 1968. Perspectives in Ecological Theory.
Chicago: University of Chicago Press. 111 pp.

Mariana, A., 1993. The biology of Acetes in the Klang
Strait Waters, Straits of Malacca. M. Sc. thesis.
Dept. of Zoology, University of Malaya, Kuala Lumpur,
Malaysia. 189 pp.

Martosewojo, S. and B. S. Soedibjo, 1989. Preliminary
analysis of the fish community of the mangroves of
Grajagan (East Java). In Proc. of the Regional
Symposium on Living Resources in Coastal Areas,
edited by Sasekumar, A., C. V. Chong and M. U. C.
Leh. pp. 479-484.

Martosubroto, P. and Naamin, N., 1977. Relationship between
tidal forest (mangrove) and commercial shrimp
production in Indonesia. Marine Research in
Indonesia 18 : 81-86.

Mathias, J. A., 1974. The possible significance of leaf-
fall and decomposition in Malaysian mangrove swamps.
I. B. P. Synthesis Meeting, Kuala Lumpur.

McGill, J. T., 1958. Map of coastal land forms of the
world. Geograph. Reviews, 48 : 402-405.

McHugh, J. L., 1940. Food of the Rocky Mountain whitefish (*Prosopium williamsoni*) (Girard). J. Fish Res. Bd. Can., 5 : 131-137.

Minello, T. J. and R. J. Zimmerman, 1983. Fish predation on juvenile brown shrimp *Penaeus aztecus* Ives : the effect of simulated *Spartina* structure on predation rates. J. Exp. Mar. Biol. Ecol. 72 : 211-231.

Moore, R., 1978. Variations in the diversity of summer estuarine fish populations in Aransas Bay, Texas, 1966-1973. Est. Coast. Mar. Sci., 6 : 495-501.

Moriarity, D. J. M., 1976. Quantitative studies on bacteria and algae in the food of the mullet *Mugil cephalus* L. and the prawn *Metapenaeus bennettiae* (Racek and Dall). J. Exp. Mar. Biol. Ecol. 22 : 131-143.

Morton, R. M., 1990. Community structure, density and standing crop of fishes in a subtropical Australian mangrove area. Mar. Biol. 105 : 385-394.

Moyle, P. B. and J. J. Jr. Cech, 1982. Fishes - An Introduction to Ichthyology. Prentice - Hall, Inc. Englewood Cliffs, New Jersey 07632. 593 pp.

Munro, I. S. R., 1955. The marine and freshwater fishes of Ceylon. Sydney : Halstead Press. 351 pp.

Murdy, E. O., 1987. Some observations on mangrove and mudflat fishes of the strait of Malacca. Indo-Malayan Zoology 4 : 153-159.

Natarajan, A. V. and A. G. Jhingran, 1962. Index of preponderance - a method of grading the food elements in the stomach analysis of fishes. Indian J. Fish, 8(1) : 54-59.

Nateewathana, A. and P. Tantichodok, 1984. Species composition, density and biomass of macrofauna of a mangrove forest at Ko Yao Yai, Southern Thailand. In Proc. As. Symp. Mangr. Env. - Res. and Manag., edited by Soepadmo, E., C. V. Chong and M. U. C. Leh. pp. 258-285.

Odum, W. E. and E. J. Heald, 1972. Trophic analyses of an estuarine mangrove community. Bulletin of Marine Science. 22(3) : 671-738.

Odum, W. E. and E. J. Heald, 1975. Mangrove forests and aquatic productivity. In Coupling of land and water systems. Ecological Studies No. 10, edited by Hasler, A. D., Springer-Verlag, New York. pp. 129-136.

Ong, J. E., 1982. Mangroves and Aquaculture in Malaysia.
Ambio vol. II. No. 5 : 252-257.

Ong, J. E., W. K. Gong and C. H. Wong, 1982. Productivity
and nutrient status of litter in a managed mangrove
forest in Malaysia. In Proc. Symp. mangrove forest
ecosystem productivity in Southeast Asia, edited by
Kostermans, A. Y. and S. S. Sastroutomo. Biotrop
Spec. Publ. No. 17 : 33-41.

Philips, P. C., 1981. Diversity and community structure in
a Central American mangrove embayment. Rev.
Biol. Trop. 29 : 227-236.

Pielou, E. C., 1969. An Introduction to Mathematical
Ecology. Edited by John Wiley and Sons, New York.

Pillay, T. V. R., 1953. Studies on the food, feeding habits
and alimentary tract of the grey mullet, *Mugil*
tade Forskal. In Proc. Natn. Inst. Sci. India,
4 : 185-200.

Pinto, L., 1987. Environmental factors influencing the
occurrence of juvenile fish in the mangroves of
Pagbilao, Philippines. Hydrobiologia 150 : 283-301.

Pinto, L., 1988. Population dynamics and community structure of fish in the mangroves of Pagbilao Philippines. J. Fish Biol. 33 (Supplement A) : 35-43.

Pinto, L. and S. Wignarajah, 1980. Some ecological aspects of the edible oyster, *Crassostrea cucullata* (Born) occurring in association with mangroves in the Negombo Lagoon. Hydrobiologia 69 : 11-19.

Pitcher, T. J. and P. J. B. Hart, 1982. Fisheries Ecology. Published by The Ari Publishing Company Inc. 414 pp.

Prawin, L., 1984. An investigation of some ecological parameters at Ao Nam Bor. In Proc. As. Symp. Mangr. Env. - Res. and Manag., edited by Soepadmo, E., A. N. Rao and D. J. Macintosh. pp. 471-187.

Quinn, N. J., 1980. Analysis of temporal changes in fish assemblages in Serpentine Creek, Queensland. Env. Biol. Fishes 5 : 117-133.

Rajagopalan, M. S., 1980. Productivity of different mangrove ecosystems. Symposium on the coastal aquaculture M. B. A. Cochin (Abstract), pp. 9.

D'Cruz, R. and A. Sasekumar, 1989. The role of mangrove inlets as a habitat for juvenile prawns. In Proc. 12th. Annual Seminar of the Malaysian Society of Marine Science, edited by Pang, S. M., A. Sasekumar and S. Vickineswary: pp. 183-190.

Reise, K., 1985. Tidal flat ecology. An experimental approach to species interactions. Springer-Verlag. Berlin. 191 pp.

Robertson, A. I., 1991. Fish, prawns and mangroves : patterns and processes. Asean-Australia Marine Science Project : Living Coastal Resources. In Proceedings of a workshop on mangrove fisheries and connections, organised by the University of Malaya Kuala Lumpur. pp. 114-130.

Robertson, A. I. and N. C. Duke, 1987. Mangroves as nursery sites : comparisons of the abundance and species composition of fish and crustaceans in mangroves and other nearshore habitats in tropical Australia. Marine Biology 96 : 193-205.

Robertson, A. I. and N. C. Duke, 1990. Recruitment, growth and residence time of fishes in a tropical Australian mangrove system. Estuarine, Coastal and Shelf Science 31 : 723-743.

Rodelli, M. R., J. N. Gearing, P. J. Gearing, N. Marshall and A. Sasekumar, 1984. Stable isotope ratio as a tracer of mangrove carbon in Malaysia ecosystems. *Oecologia* 61 : 326-333.

Rodriguez, G., 1975. Some aspects of the ecology of tropical estuaries. In *Tropical Ecological Systems*, edited by Golley, F. B. and E. Medina. pp. 313-333. New York Springer.

Rogers, S. G., T. E. Targett and S. B. Van Sant, 1984. Fish nursery use in Georgia salt marsh estuaries; the influence of springtime freshwater conditions. *Trans. Am. Fish Soc.* 22 : 63-90.

Saenger, P., M. M. Specht, R. L. Specht and V. J. Chapman, 1977. Mangal and coastal salt-marsh communities in Australasia. In *Ecosystems of the World. I. Wet Coastal Ecosystems*, edited by Chapman, V. J. Elsevier, Amsterdam. pp. 293-345.

Sagathevan, K., 1989. Tidal mud flats - An invaluable natural resource. In *Proc. of the 12th. Annual Seminar of the Malaysian Society of Marine Science*, edited by Pang, S. M., A. Sasekumar and S. Vickineswary. pp. 171-175.

Samingan, M. T., 1980. Notes on the vegetation of the tidal areas of South Sumatra, Indonesia, with special reference to Karang Agung. In Tropical Ecology and Development. pp. 1107-1112.

Saraya, A., 1984. The Physico-chemical properties of a mussel farm at Samaekhao, Chachoengsao Province, Thailand. In Proc. As. Symp. Mangr. Env. - Res. and Manag., edited by Soepadmo, E., A. N. Rao and D. J. Macintosh. pp. 403-428.

Sasekumar, A., 1974. Distribution of macrofauna on a Malayan mangrove shore. Journal of Animal Ecology 43 : 51-69.

Sasekumar, A., 1991. A review of mangrove-fisheries connections. In Proceedings of a Workshop on Mangrove Fisheries and Connections. Asean-Australia Marine Science Project : Living Coastal Resources, edited by Sasekumar, A. pp. 47-50.

Sasekumar, A., 1994. Meiofauna of a mangrove shore on the west coast of Peninsular Malaysia. Raffles Bulletin of Zoology 42(4) : 901-915.

Sasekumar, A. and J. J. Loi, 1983. Litter production in three mangrove forest zones in Malay Peninsular. Aquatic Botany 17 : pp. 283-290.

Sasekumar, A., T. L. Ong and K. L. Thong, 1984. Predation of mangrove fauna by marine fishes. In Proc. As. Symp. Mangr. Env. - Res. and Manag., edited by Soepadmo, E., A. N. Rao and D. J. Macintosh. pp. 378-384.

Sasekumar, A. and V. C., Chong, 1987. Mangroves and prawns : further perspectives. In Proc. 10th. Annual Seminar of the Malaysian Society of Marine Sciences. pp. 10-20.

Sasekumar, A., V. C., Chong and M. U. C. Leh, 1989. Fish and prawn communities in mangrove estuaries and mudflats in Selangor (Malaysia). In Proc. of the Regional Symposium on Living Resources in Coastal Areas, edited by Sasekumar, A., C. V. Chong and M. U. C. Leh. pp. 485-493.

Sasekumar, A., V. C., Chong and M. U. C. Leh and R. D'Cruz, 1992. Mangroves as a habitat for fish and prawns. Hydrobiologia 247 : 195-201.

Schimper, A., 1903. Plant Geography on a Physiological Basis. Oxford Univ. Press, Oxford. 839 pp.

Schoener, T. W., 1968. The Anolis lizards of Bimini : Resource partitioning in a complex fauna. Ecology. 49(4) : 704-726.

Scott, J. S., 1959. An introduction to the sea fishes of Malaya. Malaysia : Ministry of Agriculture. 180 pp.

Selvarajah, V., 1961. A study of drift in the North Malacca Strait from salinity determination. Proc. Indo-Pacific Fish Counc. 9(2) : 1-6.

Shannon, C. E. and W. Weaver, 1963. The Mathematical Theory of Communications Urbana : University of Illinois Press. 117 pp.

Shenker, J. M. and J. M. Dean, 1979. The utilisation of an intertidal salt-marsh creek by larval and juvenile fishes : abundance, diversity and temporal variation. Estuaries 2; 154-163.

Smith, S. M., J. G. Hoff, S. P. O' Neil and M. P. Weinstein, 1984. Community and tropic organisation of nekton utilising shallow marsh habitats, York River, Virginia. Fish Bull. 82 : 455-467.

Snedaker, S. C., 1978. Mangroves : Their value and perpetuation. Nature and Resources, 14(3) : 6-13.

Snedaker, S. C., 1982. Mangrove species zonation : why? In Tasks for Vegetation Science, edited by Sen, D. and K. Rajpurohit Vol. 2. Junk, The Hague. pp. 111-125.

Srivastava, P. B. L., A. Sani and D. Kamis, 1980. Status and dispersal of natural regeneration in Matang mangrove reserve of Peninsular Malaysia. In Tropical Ecology and Development. pp. 1113-1120.

Stoner, A. W. and Zimmerman, 1988. Food pathways associated with penaeid shrimps in a mangrove-fringed estuary. Fishery Bulletin, U. S. 86 : 543-551.

Tang, H. T., H. Abu Hassan and E. K. Cheah, 1984. Mangrove forests of Peninsular Malaysia. A review of management and research objectives and priorities. In Proc. As. Symp. Mangr. Env. - Res. and Manag., edited by Soepadmo, E., A. N. Rao and D. J. Macintosh. pp. 796-808.

Thaiutsa, B., N. Suwannapinunt and W. Kaitpraneet, 1978.
 Production and chemical composition of forest litter in Thailand. For Res. Bull. No. 52 April, Fac. of For., Kasetsart University Thailand. 32 pp.

Thayer, G. W., D. R. Colby and W. F. Hettler, Jr., 1987.
 Utilization of red mangrove prop habitat by fishes in South Florida. Mar. Ecol. Prog. Series 35 : 25-38.

Tide Tables for Malaysia, 1992. Published by Hydrographic Directorate Royal Malaysian Navy, Malaysia.

Tide Tables for Malaysia, 1993. Published by Hydrographic Directorate Royal Malaysian Navy, Malaysia.

Turner, R. E., 1977. Intertidal vegetation and commercial yields of penaeid shrimp. Trans. Am. Fish Soc. 106 : 411-416.

Vance, D. J., D. J. Staples and J. D. Kerr, 1985. Factors affecting year-to-year variation in the catch of banana prawns (*Penaeus merguiensis*) in the Gulf of Carpentaria, Australia. J. Cons. Int. Explor. Mer. 42 : 83-97.

Walsh, G. E., 1967. An ecological study of a Hawaiian mangrove swamp. In Estuaries, pp. 420-431. Ed. G. H. Lauff, (83), Washington, D. C., Amer. Ass. for the Advancement of Science.

Warburton, K., 1978. Community structure, abundance and diversity of fish in a Mexico coastal lagoon system. Estuar. Coast. Mar. Sci. 7 : 497-519.

Warner, R. R., D. R. Robertson and E. G. Leigh, 1975. Sex change and sexual selection. Science 190 : 633-8.

Warwick, R. M., 1980. Population dynamics and secondary production of benthos, in Marine Benthic Dynamics, eds. K. R. Tennoore and B. C. Coull. University of South Carolina Press, S. C., pp. 1-24.

Weber, M., 1911-1963. The fishes of the Indo-Australian Archipelago, 11 vols. Leiden : E. J. Brill.

Weinstein, M. P.. 1979. Shallow marsh habitats as primary nurseries for the fishes and shellfish, Cape Fear River, North Carolina, U. S. Fish Bull. 77 : 339-357.

Wiley, J. D., JR., C. A. S. Hall, W. M. Kemp and A. Yanez-Arancibia, 1987. *Estuarine Ecology*. 558 pp.

Williams, A. B., 1958. Substrates as a factor in shrimp distribution. *Limnology and Oceanography* 3 : 283-290.

Wootton, R. J., 1992. *Fish Ecology*. Blackie Glasgow and London. 212 pp.

Yanez-Arancibia, A., F. Amezcu-Linares and J. W. Day, 1980. Fish community structure and function in Terminos Lagoon, a tropical estuary in the southern Gulf of Mexico. In *Estuarine Perspectives*, edited by Kennedy, V. S. pp. 465-482. New York : Academic Press.

Yanez-Arancibia, A., A. L. Lara-Dominguez, A. Aguirre, S. Diaz, F. Amezcu, D. Flores and P. Chavance, 1985. Ecology of dominant fish populations in tropical estuaries : environmental factors regulating biological strategies and production. In *Fish Community Ecology in Estuaries and Coastal Lagoons : Towards an Ecosystem Intergration*, edited by Yanez-Arancibia, A. pp. 311-366. Mexico DF : UNAM Press.

Young, P. C., 1978. Moreton Bay, Queensland : a nursery area for juvenile penaeid prawns. Australian Journal of Freshwater Research 29 : 55-75.