

## INFORMATION

## Bibliography

**18850 - Rapid phenotypic changes of reproductive traits in response to experimental modifications of spatial structure in Nile tilapia, *Oreochromis niloticus*.** Dupon-chelle, F.; Legendre, M. 2001. *Aquat. Living Resour.* 14(2):65-152. (Gamet, IRD, B.P. 5095. 34033 Montpellier cedex 1, France) (Email: fabrice.duponchelle@mpl.ird.fr)

**18851 - Typologie de la flottille de peche cotiere dans le golfe de Gabes (Tunisie).** Jabeur, C.; Gobert, B.; Missaoui, H. 2000. *Aquat. Living Resour.* 13(6):421-428. (Institut de recherche pour le developpement, BP 70, 29280 Plouzane, France) (Email: sirsina@yahoo.com)

**18852 - A decision support model for fisheries management in Hawaii: a multilevel and multiobjective programming approach.** Pan, M.; Leung, P.; Pooley, S.G. 2001. *N. Am. J. Fish. Manage.* 21(2): 293-309. (University of Hawaii at Manoa, Dept. Biosystems Engineering, 3050 Maile Way, 111 Gilmore Hill, Honolulu, Hawaii 96822, USA) (Email: minling@hawaii.edu)

**18853 - Defining thresholds for precautionary habitat management actions in a fisheries context.** Auster, P.J. 2001. *N. Am. J. Fish. Manage.* 21(1):1-9. (University of Connecticut at Avery Point, National Undersea Research Center, Groton, Connecticut 06340, USA) (Email: auster@uconnvm.uconn.edu)

**18854 - Economic impacts of catch reallocation from the commercial fishery to the recreational fishery in Hawaii.** Sharma, K.R.; Leung, P. 2001. *N. Am. J. Fish. Manage.* 21(1):125-134. (University of Hawaii at Manoa, Dept. Biosystems Engineering, Aquaculture & Fisheries Economics Group, 3050 Maile Way, Gilmore Hall 111, Honolulu, Hawaii 96826, USA) (Email: khem@hawaii.edu)

**18855 - Food for thought: Marine protected areas: a picture paints a thousand words.** Hall, S.J. 2001. *ICES J. Mar. Sci.* 58(4):738-739. (Australian Institute of Marine Science, PMB No 3, Townsville, Qld 4810, Australia) (Email: s.hall@aims.gov.au)

**18856 - The use of interspecific hybrids in aquaculture and fisheries.** Bartley, D.M.; Rana, K.; Immink, A.J. 2001. *Rev. Fish Biol. Fish.* 10(3):325-337. (Food and Agricultural Organization of the United Nations, FIRI Fisheries Dept., Viale delle Terme di Caracalla, 00100 Rome, Italy) (Email: devin.bartley@fao.org)

**18857 - Vertical migrations and feeding rhythms**

This section contains a list of selected recent publications on fisheries, aquaculture and aquatic resources management available at the ICLARM Library. The subject, taxonomic and geographic indexes to this are given on pages 56-54.

Please write to the senior author if you require reprints of any article or monograph.

**of *Acartia clausi* and *Pseudo-diaptomus hessei* (Copepoda: Calanoida) in a tropical lagoon (Ebrie, Cote d'Ivoire).** Kouassi, E.; Pagano, M.; Saint-Jean, L.; Arfi, R.; Bouvy, M. 2001. *Estuar. Coast. Shelf. Sci.* 52(6): 715-728. (Write to: M. Pagano, IRD Station Marine d'Endoume, rue de la Batterie des Lions, 13007 Marseille, France) (Email: pagano@com.univ-mrs.fr)

**18858 - The application of satellite remote sensing to coastal management in Singapore.** Sanderson, P.G. 2001. *Ambio.* 30(1):43-48. (Write to Royal Swedish Academy of Sciences, Box 50005, S-104 05 Stockholm, Sweden) (Email: elisabet@ambio.kva.se)

**18859 - DNA- based molecular diagnostic techniques: research needs for standardization and validation of the detection of aquatic animal pathogens and diseases.** Walker, P.; Subasinghe, R. (eds.). 2000. *Expert Workshop on DNA- based molecular diagnostic techniques: research needs for standardization and validation of the detection of aquatic animal pathogens and diseases.* FAO Fish. Tech. Pap. (395):1-93. (Commonwealth Scientific and Industrial Research Organization (CSIRO), Australia)

**18860 - Temporal variations in phytoplankton primary production in a tropical reservoir (Barra Bonita, SP - Brazil).** Calijuri, M.C.; Dos Santos, A.C.A. 2001. *Hydrobiologia.* 445:11-26. (University of Sao Paulo, School of Engineering at Sao Carlos, Dept. of Hydraulic & Sanitation, Cxp 292, CEP 13560-970, Sao Carlos S.P., Brazil) (Email: calijuri@sc.usp.br)

**18861 - *Plumatella mukaii*, a new phylactolaemate bryozoan from Asia and South America.** Wood, T.S. 2001. *Hydrobiologia.* 445:51-56. (Wright State University, Dept. of Biological Sciences, Dayton, OH 45435, USA) (Email: tim.wood@wright.edu)

**18862 - Toxicity of selected cryoprotectants to the first zoeal stages of giant freshwater prawn *Macrobrachium rosenbergii* (de Man).** Pillai, B.R.; Rao, K.J.; Mohanty, J. 2001. *Asian Fish. Sci.* 14(1):1-8. (Central Institute of Freshwater Aquaculture, Kausalyaganga, Bhubaneswar 751002, Orissa, India)

**18863 - Growth and survival rates of Nile tilapia *Oreochromis niloticus* L. juveniles reared in a recirculating system fed with floating and sinking pellets.** Cruz, E.M.; Ridha, M.T. 2001. *Asian Fish. Sci.* 14(1):9-16. (Kuwait Institute for Scientific Research, Food Resources Div., Mariculture & Fisheries Dept., P.O. Box 1638, 22017, Salmiya, Kuwait)

**18864 - A communal fishery for the migratory catfish *Pangasius macronema* in the Mekong River.** Baird, I.; Hogan, Z.; Phylavanh, B.; Moyle, P. 2001. *Asian Fish. Sci.* 14(1):25-41. (Development in Siphon-done Wetland Project, Environmental Protection & Community, P.O. Box 860, Pakse, Lao PDR)

**18865 - Use of rotifers cultured on different microalgal species in larval feeding of sea bass *Dicentrarchus labrax*.** El-Dakar, A.Y.; Shalaby, S.M.; Hassanein, G.D.; Ghoneim, S.I. 2001. *Asian Fish. Sci.* 14(1):43-52. (Suez Canal University, Faculty of Environmental Agricultural Sciences, Dept. Fish Resources & Aquaculture, El-Arish, North Sinai, Egypt)

**18866 - Comparative study on growth, feed efficiency and survival of hatchery-reared juvenile spotted babylon *Babylonia areolata* Link 1807 (Neogastropoda: Buccinidae) fed with formulated diets.** Chaitanawisuti, N.; Kritsanapuntu, A.; Natsukari, Y. 2001. *Asian Fish. Sci.* 14(1):53-59. (Chulalongkorn University, Aquatic Resources Research Institute, Bangkok, Thailand)

**18867 - Bloom of *Noctiluca scintillans* MaCartney in the Arabian Sea off Mangalore Southwest India.** Nayyar, S.; Gupta, T.R.C.; Prabhu, H.V. 2001. *Asian Fish. Sci.* 14(1):77-82. (National University of Singapore, Dept. Biological Sciences, Reef Ecology Lab., 10 Kent Ridge Crescent, Singapore 119 260)

**18868 - Growth and survival of Kanagawa positive *Vibrio parahaemolyticus* in fish and prawn preparations held at ambient and elevated temperature.** Venugopal, M.N.; Karunasagar, I.; Varadaraj, M.C. 2001. *Asian Fish. Sci.* 14(1):83-88. (University of Agricultural Sciences, College of Fisheries, Dept. Fishery Microbiology, Mangalore - 575 002, India)

**18869 - Dot-Enzyme-Linked Immunosorbent Assay (Dot-ELISA) for the diagnosis of *Edwardsiella tarda* infection in fish.** Swain, P.; Mukherjee, S.C.; Sahoo, P.K.; Das, B.K.; Pattnaik, P.; Murjani, G.; Nayak, S.K. 2001. *Asian Fish. Sci.* 14(1):89-93. (Central Institute of Freshwater

Aquaculture, Aquatic Animal Health Div., Kausalyaganga, Bhubaneswar - 751002, India)

**18870 - The occurrence of cestoda *Ligula intestinalis* (Linnaeus) from attentive carplet *Amblypharyngodon melettinus* (Valenciennes) in Sri Lanka.** Weliange, W.S.; Amarasinghe, U.S. 2001. Asian Fish. Sci. 14(1):95-99. (University of Kelaniya, Dept. Zoology, Kelaniya 11600, Sri Lanka)

**18871 - Quantitative estimation of the distribution and biomass of seagrasses at Haad Chao Mai National Park, Trang Province, Thailand.** Nakaoka, M.; Supanwanid, C. 2000. Kasetsart Univ. Fish. Res. Bull. (22):10-22. (University of Tokyo, Ocean Research Institute, Nakano, Tokyo 164-8639, Japan)

**18872 - Species composition of seagrasses at Haad Chao Mai National Park, Trang Province, Thailand.** Lewmanomont, K.; Supanwanid, C. 2000. Kasetsart Univ. Fish. Res. Bull. (22):1-9. (Kasetsart University, Faculty of Fisheries, Dept. Fishery Biology, Bangkok 10900, Thailand)

**18873 - A perspective on integrated management of a tropical coastal area: The case of the Saloum Biosphere reserve (Senegal, West Africa).** Diop, E.S.; Soumare, A.; Diouf, P.S. 1999. Coast. Manage. 27(4):317-328. (UCAD, Dept. Geography, P.O. Box 5346, Dakar-Fann, Senegal) (Email: esdiop@enda.sn)

**18874 - A trophic flow model of the Caete mangrove estuary (North Brazil) with considerations for the sustainable use of its resources.** Wolff, M.; Koch, V.; Isaac, V. 2000. Estuar. Coast. Shelf. Sci. 50 (6):789-803. (Zentrum für Marine Tropenökologie, Fahrenheitstraße 1, 28359 Bremen, Germany)

**18875 - Ludwig's ratchet and the collapse of New England groundfish stocks.** Hennessey, T.; Healey, M. 2000. Coast. Manage. 28(3):187-213. (University of British Columbia, Institute for Resources & Environment, Vancouver, BC, Canada V6T 1Z3) (Email: healey@ocgy.ubc.ca)

**18876 - Coastal resources as an engine of economic growth and reduction of poverty in west Africa: policy considerations.** Kaczynski, V.M.; Looney, S.W. 2000. Coast. Manage. 28(3):235-248. (University of Washington, School of Marine Affairs, Seattle, Washington, USA) (Email: vkaczyn@u.washington.edu)

**18877 - A new coastal policy for South Africa.** Glavovic, B.C. 2000. Coast. Manage. 28(3):261-271. (Common Ground Consulting, P.O. Box 1828, Cape Town, 800, South Africa) (Email: bglavovic@commonground.co.za)

**18878 - Utilization of *Gracilaria chilensis* (Rhodophyta: Gracilariaceae) as a biofilter in the depuration of effluents from tank cultures**

**of fish, oysters, and sea urchins.** Chow, F.; Macchiavello, J.; Cruz, S.S.; Fonck, E.; Olivares, J. 2001. J. World Aquacult. Soc. 32(2):215-220. (Write to J. Macchiavello, Universidad Católica del Norte, Facultad de Ciencias del Mar, Casilla 117, Coquimbo, Chile)

**18879 - Growth, feed utilization and body composition of tilapia (*Oreochromis sp.*) fed with cottonseed meal-based diets in a recirculating system.** Mbahinzireki, G.B.; Dabrowski, K.; Lee, K.J.; El-Saidy, D.; Wisner, E.R. 2001. Aquacult. Nutr. 7(3):189-200. (Write to: K. Dabrowski, The Ohio State University, School of Natural Resources, 2021 Coffey Road, Columbus, OH 43210-1085, USA) (Email: dabrowski.l@osu.edu)

**18880 - Distribution of migratory fishes and shrimps along multivariate gradients in tropical island streams.** Fievet, E.; Doledec, S.; Lim, P. 2001. J. Fish Biol. 59(2):390-402. (Université Lyon, Ecologie des Hydro-systèmes Fluviaux, Centre National de la Recherche Scientifique, I, F-69622 Villeurbanne Cedex, France) (Email: efievet@infonie.fr)

**18881 - A molecular approach to improving giant clam mariculture: a multidisciplinary initiative.** Monje, V.D.; Baillie, B.K.; Baillie, C.B. 1998. Philipp. Scient. 35:15-25. (University of the Philippines, Molecular Biology & Biotechnology Program, Diliman, 1101 Quezon City, Philippines)

**18882 - Parasites of some serranid fishes from Manila Bay.** Lopez, N.C. 1998. Philipp. Scient. 35:43-48. (University of the Philippines, College of Science, Institute of Biology, Diliman, 1101 Quezon City, Philippines)

**18883 - Metazoan parasites from three species of *Leiognathidae*.** Lopez, N.C.; Corcuera, R.B.K. 1998. Philipp. Scient. 35:49-52. (University of the Philippines, Institute of Biology, Diliman, 1101 Quezon City, Philippines)

**18884 - Aquatic macrophyte composition of some tropical tin-mined ponds in Jos, Nigeria.** Ali, A.D.; Kushi, Z.N. 2001. J. Aquat. Sci. 16(2):83-90. (University of Jos, Dept. Botany, P.M.B. 2084, Jos, Nigeria)

**18885 - Distribution of two post-larvae species of commercial prawns (*Fenneropenaeus indicus* and *Penaeus monodon*) in a coastal tropical estuary.** Khan, R.N.; Aravindan, N.; Kalavati, C. 2001. J. Aquat. Sci. 16(2):99-104. (Armstrong Atlantic State University, Dept. Biology, Savannah, GA. 31419-1997, USA)

**18886 - Growth, feed utilization and survival of African catfish, *Clarias gariepinus* (Burchill, 1822) fingerlings reared in tanks at different salinity levels.** Odo, G.E.; Inyang, N.M. 2001. J. Aquat. Sci. 16(2):124-126. (University of Nigeria, Dept. Zoology, Nsukka, Nigeria)

**18887 - Comparison of hormonally induced sex direction in two strains of *Oreochromis niloticus* (Trewavas).** Ekwu, A.O.; Sikoki, F.D. 2001. J. Aquat. Sci. 16(2):147-149. (University of Port Harcourt, Dept. Animal & Environmental Biology, Nigeria)

**18888 - Aspects of the reproductive cycle of the sea cucumber *Holothuria scabra* (Echinodermata: Holothuroidea).** Morgan, A.D. 2000. Bull. Mar. Sci. 66(1):47-57. (University of Auckland, School of Environmental & Marine Science, Leigh Marine Laboratories, P.O. Box 349, Warkworth, New Zealand) (Email: amorgan@leighnov2.auckland.ac.nz)

**18889 - Association of epilithic algae with sediment distribution on a windward reef in the northern Great Barrier Reef, Australia.** Purcell, S.W. 2000. Bull. Mar. Sci. 66(1):199-214. (Write to: ICLARM-The World Fish Center, P.O. Box 500 GPO, 10670 Penang, Malaysia) (Email: iclarm@cgjar.org)

**18890 - Coastal and fisheries co-management in South Africa: an overview and analysis.** Hauck, M.; Sowman, M. 2001. Mar. Policy. 25(3):173-185. (University of Cape Town, Faculty of Law, Institute of Criminology, Private Bag, Rondebosch 7701, South Africa) (Email: mhauck@law.uct.ac.za)

**18891 - Conditions affecting the success of fisheries co-management: lessons from Asia.** Pomeroy, R.S.; Katon, B.M.; Harkes, I. 2001. Mar. Policy. 25(3):197-208. (World Resources Institute, 10 G Street, NE, Washington, DC 20002, USA) (Email: rpomeroy@wri.org)

**18892 - Fisheries management in Central Maluku, Indonesia, 1997-98.** Novaczek, I.; Sopacua, J.; Harkes, I. 2001. Mar. Policy. 25(3):239-249. (Holland College, Charlottetown, PEI, Canada) (Email: inov@isn.net)

**18893 - Parasites as pollution indicators in marine ecosystems: a proposed early warning system.** Mackenzie, K. 1999. Mar. Pollut. Bull. 38(11):955-959. (University of Aberdeen, Dept. Zoology, Tillydrone Avenue, Aberdeen, Scotland AB24 2TZ)

**18894 - PAM chlorophyll fluorometry: a new in situ technique for stress assessment in scleractinian corals, used to examine the effects of cyanide from cyanide fishing.** Jones, R.J.; Kildea, T.; Guldberg, O.H. 1999. Mar. Pollut. Bull. 38(10):864-874. (University of Sydney, School of Biological Sciences, Sydney, NSW 2006, Australia)

**18895 - The introduction of exotic fish in Sri Lanka with special reference to tilapia.** de Zylva, E.R.A. 1999. Naga: ICLARM Q. 22(3):4-8. (Fisheries Consultant, 30/70 Kensington Drive, Taradale 4001, New Zealand) (Email: raydezylva@

## INFORMATION

*Bibliography continued*

xtra.co.nz)

**18896 - Impact of the introduction of apple snails and their control in Japan.** Yusa, Y.; Wada, T. 1999. Naga: ICLARM Q. 22(3):9-13. (Kyusu National Agricultural Experiment Station, Nishigoshi, Kumamoto 861-1192, Japan)

**18897 - The impacts of El Nino on Philippine fisheries.** Guerrero III, R.D. 1999. Naga: ICLARM Q. 22(3):14-15. (Philippine Council for Aquatic and Marine Research and Development, Los Banos, Laguna, Philippines)

**18898 - Conservation of the Nilgiri rainbow trout in India.** Gopalakrishnan, A.; Lal, K.K.; Ponniah, A.G. 1999. Naga: ICLARM Q. 22(3):16-19. (National Bureau of Fish Genetic Resources (NBFGR), 351/28, Dariyapur, Talkatora Road, P.O. Box No.19 Lucknow - 226 004, U.P., India)

**18899 - Developing aquaculture of Small Native Species (SNS) in Bangladesh: village level agroecological change and the availability of SNS.** Mazumder, D.; Lorenzen, K. 1999. Naga: ICLARM Q. 22(3):20-23. (Write to: ICLARM-The World Fish Center, P.O. Box 500 GPO 10670, Penang, Malaysia) (Email: iclarm@cgiar.org)

**18900 - A collection of empirical relations for use in ecological modelling.** Brey, T. 1999. Naga: ICLARM Q. 22(3):24-28. (Alfred Wegener Institute for Polar and Marine Research, P.O. Box 120161, D-27576, Bremerhaven, Germany) (Email: tbrey@awi-bremerhaven.de)

**18901 - Escalation in shrimp production in the Sierra Leone industrial fishery.** Showers, P.A.T. 1999. Naga: ICLARM Q. 22(3):29-31. (University of Sierra Leone, Institute of Marine Biology and Oceanography, Fourah Bay College, Sierra Leone)

**18902 - Growth and length-weight parameters of Pacific mackerel (*Scomber japonicus*) in the Gulf of Guayaquil, Ecuador.** Zenck, E.C. 1999. Naga: ICLARM Q. 22(3):32-36. (Fisheries and Oceanography Consulting, PO Box 09-01-4382, Ecuador) (Email: eucalon@gu.pro.ec)

**18903 - The trammel net fishery for shrimps at Teluk Kumbar, Penang.** Chee, P.E. 2000. Malay. Fish. J. 1(2):101-108. (Fisheries Research Institute, 11960 Batu Maung, Penang, Malaysia)

**18904 - Genetic variability in the John's snapper, *Lutjanus johni* in Peninsular Malaysian waters as revealed by random amplified polymorphic DNA (RAPD) fingerprinting.** Roslina, A.N.; Ismail, A.K.; Yosni, B.; Sallehudin, J. 2000. Malay. Fish. J. 1(2):109-118. (Fisheries Research Institute, 11960 Batu Maung, Penang, Malaysia)

**18905 - Growth and mortality estimates of the juvenile and adolescent banana shrimps,**

***Penaeus merguensis* of Santubong-Salak mangrove estuary.** Rajali, H. 2000. Malay. Fish. J. 1(2):119-138. (Fisheries Research Institute, Sarawak Branch, P.O. Box 2243, 93744 Kuching, Malaysia)

**18906 - Stock assessment of oceanic tuna in South China sea off Sarawak and Sabah, Malaysia.** Rumpet, R. 2000. Malay. Fish. J. 1(2):139-149. (Fisheries Research Institute Malaysia, Sarawak Branch, P.O. Box 2243, 93744 Kuching, Sarawak, Malaysia)

**18907 - The effect of heat-treated soybean on the growth performance of seabass (*Lates calcarifer*), fed soybean meal-based diets.** Mohammed Suhaimee, A.M.; Che Utama, C.M.; Mohd. Khan, B. 2000. Malay. Fish. J. 1(2):150-156. (Brackishwater Aquaculture Research Centre, Gelang Patah, Johore, Malaysia)

**18908 - Formaldehyde - a safety hazard in seafood products in Malaysian context.** Jaafar, H.; Ismail, N.; Yang, T.A. 2000. Malay. Fish. J. 1(2):157-169. (Fisheries Research Institute, 11960 Batu Maung, Penang, Malaysia)

**18909 - Effect of egg washing treatments on the larviculture of black tiger shrimp *Penaeus monodon Fabricius*.** Fariduddin, O.; Yaakob, A. 2000. Malay. Fish. J. 1(2):170-176. (Ministry of Agriculture, Dept. Fisheries, National Prawn Fry Research and Production Centre, Kg. Pulau Sayak, Kota Kuala Muda, Kedah, Malaysia)

**18910 - Are verticle distribution patterns of scleractinian corals maintained by pre- or post-settlement processes? A case study of three contrasting species.** Mundy, C.; Babcock, R. 2000. Mar. Ecol. (Prog. Ser.). 198:109-119. (Australian Institute of Marine Science, PMB 3, Townsville MC, Queensland 4810, Australia) (Email: craig.mundy@utas.edu.au)

**18911 - Stability of reef fish assemblages: responses to coral recovery after catastrophic predation by *Acanthaster planci*.** Sano, M. 2000. Mar. Ecol. (Prog. Ser.). 198:121-130. (University of Tokyo, Dept. Global Agricultural Sciences, Graduate School of Agricultural & Life Sciences, Yayoi, Bunkyo-ku, Tokyo 113-8657, Japan) (Email: amsano@mail.ecc.u-tokyo.ac.jp)

**18912 - Growth performance, salinity tolerance and nutritive values of marine micro-alga, *Skeletonema costatum* in the brackish waters of Buckingham canal, Nellore, India.** Babu, M.M.; Kitto, M.R.; Marian, M.P. 2001. J. Aqua. Trop. 16(2):113-120. (Manonmanium Sundaranar University, Institute for Coastal Area Studies, Scott Christian College Campus, Nagercoil 629 003, Tamil Nadu, India)

**18913 - Comparative effects of temperature on suspension feeding and energy budgets of the pearl oysters *Pinctada margaritifera* and *P.***

***maxima*.** Yukihira, H.; Lucas, J.S.; Klumpp, D.W. 2000. Mar. Ecol. (Prog. Ser.). 195:179-188. (Write to: J.S. Lucas, James Cook University, School of Marine Biology & Aquaculture, Townsville, Queensland 4811, Australia) (Email: john.lucas@jcu.edu.au)

**18914 - Persistent low concentrations of diarrhetic shellfish toxins in green mussels *Perna viridis* from the Johor Strait, Singapore: first record of diarrhetic shellfish toxins from South-East Asia.** Holmes, M.J.; Teo, S.L.M.; Lee, F.C.; Khoo, H.W. 1999. Mar. Ecol. (Prog. Ser.). 181:257-268. (National University of Singapore, Bioscience Centre, 119260 Singapore) (Email: bschmj@nus.edu.sg)

**18915 - Habitat/sex differences in time at cleaning stations and ectoparasite loads in a Caribbean reef fish.** Sikkell, P.C.; Fuller, C.A.; Hunte, W. 2000. Mar. Ecol. (Prog. Ser.). 193:191-199. (McGill University, Bellairs Research Institute, St. James, Barbados, West Indies) (Email: paul.sikkell@murraystate.edu)

**18916 - Can Caribbean coral populations be modelled at metapopulation scales?** Mumby, P.J. 1999. Mar. Ecol. (Prog. Ser.). 180:275-288. (University, Newcastle-upon-Tyne, Dept. Marine Sciences & Coastal Management, Centre for Tropical Coastal Management Studies, Ridley Building, NE1 7RU, United Kingdom) (Email: p.j.mumby@ncl.ac.uk)

**18917 - Size heterogeneity prevails over kinship in shaping cannibalism among larvae of sharptooth catfish *Clarias gariepinus*.** Baras, E.; d'Almeida, A.F. 2001. Aquat. Living Resour. 14(4):251-256. (University of Liege, Dept. Ethology & Animal Psychology, Aquaculture Research & Education Centre, 10, chemin de la Justice, 4500 Tihaange, Belgium) (Email: E.Baras@ulg.ac.be)

**18918 - Production and gonad development of *Heterobranchus longifilis* [Teleostei: Clariidae] [Val. 1840], in tropical, outdoor ponds.** Ofor, C.O. 2001. J. Aqua. Trop. 16(2):121-130. (Federal University of Agriculture, College of Natural Resources & Environmental Management, Umudike P.M.B. 7267, Abia State, Nigeria)

**18919 - On the dynamics of the Mauritanian small-pelagic fishery, north-west Africa.** Dedah, S.O.; Shaw, R.F.; Geaghan, P.J. 1999. S. Afr. J. Mar. Sci. 21:135-144. (Centre National de Recherches Oceanographiques et des Peches, B.P. 22 Nouadhibou, Mauritanie) (Email: sidina.o.dedah@cpmx.saic.com)

**18920 - Worldwide large-scale fluctuations of sardine and anchovy populations.** Schwartzlose, R.A.; Alheit, J.; Bakun, A. 1999. S.Afr. J. Mar. Sci. 21:289-347. (University of California, Scripps Institute of Oceanography, San Diego, 9500 Gilman Dr., La Jolla, CA 92093-0227, USA)

(Email: raschwar@juno.com)

**18921 - Benguela dynamics: impacts of variability on shelf-sea environments and their living resources.** Pillar, S.C.; Moloney, C.L.; Payne, A.I.L.; Shillington, F.A.(eds.). 1998. S. Afr. J. Mar. Sci. 19:5-512. (Write to: Sea Fisheries, Private Bag X2, Rogge Bay 8012, Cape Town, South Africa)

**18922 - Large marine ecosystems: analysis and management.** Pauly, D. 1998. S. Afr. J. Mar. Sci. 19:487-499. (University of British Columbia, Fisheries Centre, 2204 Main Mall, Vancouver B.C., Canada V6T 1Z4) (Email: pauly@fisheries.com)

**18923 - Cephalopod biodiversity, ecology and evolution.** Payne, A.I.L.; Lipinski, M.R.; Clarke, M.R.; Roeleveld, M.A.C.(eds.). 1998. S. Afr. J. Mar. Sci. 20:1-469. (Write to: Sea Fisheries, Private Bag X2, Rogge Bay 8012, Cape Town, South Africa)

**18924 - Selected papers from the 2nd International Conference on Marine Pollution and Ecotoxicology, Hong Kong, June 1998.** Wu, R.S.S.; Batley, G.; Connell, D.; Depledge, M.; Richardson, B.; Tanabe, S.; Wells, P. 1999. Mar. Pollut. Bull. 39(1/12):1-398. (Write to: Elsevier Science, PO Box 211, 1000 AE Amsterdam, Netherlands) (Email: nlinfo-f@elsevier.nl)

**18925 - Marine pollution prevention and management in the East Asian Seas: a paradigm shift in concept, approach and methodology.** Eng, C.T. 1999. Mar. Pollut. Bull. 39(1/12):80-88. (International Maritime Organization, Programme Development and Management Office, Manila, Philippines)

**18926 - The GEF/UNDP/IMO Malacca Straits demonstration project: sources of pollution.** Abdullah, A.R.; Mohd. Tahir, N.; Loong, T.S.; Mohd. Hoque, T.; Sulaiman, A.H. 1999. Mar. Pollut. Bull. 39(1/12):229-233. (University of Malaya, Dept. Chemistry, 50603 Kuala Lumpur, Malaysia)

**18927 - Multiple exposure of Asian sea bass, (*Lates calcarifer*, *Centropomidae*) to clove oil: a histopathological study.** Afifi, S.H.; Al-Thobaiti, S.; Rasem, B.M. 2001. J. Aqua. Trop. 16(2):131-138. (Fish Farming Center, P.O. Box 9612, Jeddah 2134, Saudi Arabia)

**18928 - Production of eight types of fast growing intergeneric hybrids from four clard species.** Aluko, P.O.; Ali, M.H. 2001. J. Aqua. Trop. 16(2):139-147. (National Institute for Freshwater Fisheries Research, P.M.B. 6006, New Bussa, Nigeria)

**18929 - Eight Malaysia Plan, 2001-2005.** Malaysia. 2001. xxxii,659p. Kuala Lumpur, Malaysia, Percetakan Nasional.

**18930 - Exploration of purpleback flying squid, *Sthenoteuthis oualaniensis* resources in the South China Sea.** Siriraksophon, S.; Nakamura, Y.; Sukramongkol, N. 2001. TD/RES/48. 81p. Samutprakarn, Thailand, SEAFDEC. ISBN:974-7604-89-2.

**18931 - Aquatic resource and environmental studies of the Straits of Malacca: papers presented in the MASDEC - JICA Project Workshop.** Sidik, B.J.; Arshad, A.; Tan, S.G.; Daud, S.K.; Jambari, H.A.; Sugiyama, S. (eds.). 2001. Aquatic Resource and Environmental Studies, Serdang, Malaysia, 18-20 April 2000. vii,305p. Serdang, Malaysia, MASDEC. ISBN:967-960-120-X.

**18932 - Thai longtail boat.** Taninsulat, P. 2001. TD/TRB/65. 38p. Bangkok, Thailand, SEAFDEC. ISBN:974-7604-88-4.

**18933 - Report of the national workshop on the code of conduct for responsible fisheries.** Yadava, Y.S. (ed.). 2001. National Workshop on the Code of Conduct for Responsible Fisheries. BOBP/REP/90. 166p. Chennai, India, Bay of Bengal Programme.

**18934 - Fisheries Resource Information System and Tools (FIRST): user manual.** Gayanilo, Jr. F.C.; Silvestre, G.; Valdez, F.; Pauly, D. 2001. 126p. Penang, Malaysia, ICLARM. ISBN:983-2346-08-8.

**18935 - Retail prices of fishes in five regions of Bangladesh.** Shah, W.A.; Kamal, K.M.S.; Safa, S.; Jahan, I.; Azim, M.; Sarker, J. ICLARM, Development of Sustainable Aquaculture Project, Bangladesh Office. 2001. Unpublished. Working paper no. 2001/4. 13p.

**18936 - Pilot study on impacts of sustainable aquaculture project extension through demonstrations.** Islam, N.; Hossain, A.; Ahmed, H.; Mahmud, K.H.; Thompson, P.; Sultana, P. ICLARM, Development of Sustainable Aquaculture Project, Bangladesh Office. 2001. Unpublished. Working paper no. 2001/3. 40p.

**18937 - Profitability of the farming systems and contribution of small-scale aquaculture in Bangladesh.** Shah, W.A.; Kamal, K.M.S.; Jahan, I.; Azim, M.; Sarker, J. ICLARM, Development of Sustainable Aquaculture Project, Bangladesh Office. 2001. Unpublished. Working paper no. 2001/2. 37p.

**18938 - Fisheries resources and livelihood of the villagers of Chitrapara: study on fisheries resources use for livelihood and identification of fisheries extension and development needs of Gopalganj district, Bangladesh.** Shah, W.A.; Kamal, K.M.S.; Safa, S.; Jahan, I.; Azim, M.; Sarker, J. ICLARM, Development of Sustainable Aquaculture Project, Bangladesh Office. 2001. Unpublished. Working paper no. 2001/1. 48p.

**18939 - Fishes of the Indo-West Pacific: Apogonidae pictorial guide.** Kuitert, R.H.; Kozawa, T. 1999. Ver. 2. 1 CD-ROM. Seaford, Australia, Aquatic photographs.

**18940 - The fishes of southern Lao.** Baird, I.G.; Inthaphaisy, P.; Kisouvannalath, B.; Mounsouphom, B. 1999. 161p. Lao PDR, Lao Community Fisheries & Dolphin Protection Project, Ministry of Agriculture & Forestry.

**18941 - Seychelles artisanal fisheries statistics for 1999.** Seychelles Fishing Authority. 2000. Tech. Rep. Seychelles Fish Auth. (49):xii,88p.

**18942 - Proceedings of the 10th International Congress & Workshop of the Tropical Marine Mollusc Programme.** Hylleberg, J.; Nateewathana, A. (eds.). 2000. 10th International Congress & Workshop, Hanoi & Haiphong, Vietnam, 20-30 October 1999. Spec. Publ. Phuket Mar. Biol. Cent. 21(2):xii,537p.

**18943 - Proceedings of the 10th International Congress and Workshop.** Hylleberg, J.; Nateewathana, A. (eds.). 2000. 10th International Congress and Workshop, Hanoi & Haiphong, Vietnam, 20-30th October 1999. Spec. Publ. Phuket Mar. Biol. Cent. 21(1):xii,316p.

**18944 - South African marine linefish status reports.** Mann, B.Q. (ed.). 2000. Special publication no. 7. iii,257p. Marine Parade, South Africa, South African Association for Marine Biological Research. ISBN:0-86989-080-8.

**18945 - The conservation of sea cucumbers in Malaysia: their taxonomy, ecology and trade: Proceedings of an international conference.** Baine, M. (ed.). 1999. The conservation of sea cucumbers in Malaysia: their taxonomy, ecology and trade, Kuala Lumpur, Malaysia, 25 February 1999. iii,82p. Orkney, UK, Heriot-Watt University. ISBN:0-9531575-3-9.

**18946 - Report of the conference on aquaculture in the third millennium. Network of Aquaculture Centres in Asia-Pacific (NACA)/ Food and Agricultural Organization of the United Nations (FAO).** 2000. Conference on Aquaculture in the Third Millennium, Bangkok, Thailand, 20-25 February 2000. vi,120p. Bangkok, Thailand, NACA-FAO. ISBN:974-7313-23-5.

**18947 - Sri Lankan reservoir fishery: a case for introduction of a co-management strategy.** Amarasinghe, U.S.; De Silva, S.S. 1999. Fish. Manage. Ecol. 6(5):387-399. (University of Kelaniya, Dept. Zoology, Kelaniya 11600, Sri Lanka) (Email: zoousa@kln.ac.lk)

**18948 - An index for the management of South African estuaries for juvenile fish recruitment from the marine environment.** Quinn, N.W.; Breen, C.M.; Whitfield, A.K.; Heame, J.W. 1999.

## INFORMATION

*Bibliography continued*

Fish. Manage. Ecol. 6(5):421-436. (Write to: A. K. Whitfield, J.L.B. Smith Institute of Ichthyology, Private Bag 1015, Grahamstown 6140, South Africa) (Email: ihaw@giraffe.ru.ac.za)

**18949 - Impacts of hydraulic engineering on the dynamics and production potential of floodplain fish populations in Bangladesh.** Halls, A.S.; Hoggarth, D.D.; Debnath, K. 1999. Fish. Manage. Ecol. 6(4):261-285. (Imperial College of Science Technology & Medicine, Renewable Resources Assessment Group, 8 Princes Gardens, London SW7 1NA, (Email: a.halls@ic.ac.uk)

**18950 - Recruitment sources for fish stocks inside a floodplain river impoundment in Bangladesh.** Hoggarth, D.D.; Dam, R.K.; Debnath, K. 1999. Fish. Manage. Ecol. 6(4):287-310. (MRAG Ltd, 47 Princes's Gate, London SW7 2QA, UK) (Email: d.hoggarth@ic.ac.uk)

**18951 - Aquaculture-agriculture systems integration: an Australian prospective.** Ingram, B.A.; Gooley, G.J.; McKinnon, L.J.; De Silva, S.S. 2000. Fish. Manage. Ecol. 7(1/2):33-43. (Marine & Freshwater Re-sources Institute, Private Bag 20, Alexandra, Victoria 3714, Australia) (Email: brett.ingram@nre.vic.gov.au)

**18952 - The fishery of the Ea Kao reservoir, southern Vietnam: a fishery based on a combination of stock and recapture, and self-recruiting populations.** Phan, P.D.; De Silva, S.S. 2000. Fish. Manage. Ecol. 7(3):251-264. (Write to: S.S. De Silva, Deakin University, School of Ecology & Environment, PO Box 423, Warrnambool, Victoria 3280, Australia) (Email: sena@deakin.edu.au)

**18953 - Carbon sources of Amazonian fisheries.** Cecilio, E.B.; Lima, C.A.R.M.A.; Forsberg, B.R.; Bittencourt, M.M.; Martinelli, L.C. 2000. Fish. Manage. Ecol. 7(4):305-315. (Universidade Estadual de Maringa, Dept. Biology/NUPELIA, Av. Colombo, 5790 - CEP 87020-900-Maringa/PR, Brazil) (Email: nupelia.uem.br)

**18954 - Population genetic studies of hilsa shad, *Tenualosa ilisha* (Hamilton), in Bangladesh waters: evidence for the existence of separate gene pools.** Rahman, M.; Naevdal, G. 2000. Fish. Manage. Ecol. 7(5):401-411. (University of Bergen, Dept. Fisheries & Marine Biology, N-5020 Bergen, Norway) (Email: gunnar.naevdal@ifm.uib.no)

**18955 - Yield predictive models for Sri Lankan reservoir fisheries.** Nissanka, C.; Amarasinghe, U.S.; De Silva, S.S. 2000. Fish. Manage. Ecol. 7(5):425-436. (Deakin University, School of Ecology & Environment, Warrnambool, P.O. Box 423, Victoria 3280, Australia) (Email: sena@deakin.edu.au)

**18956 - Assessment of deep water stocks of pearl oysters at Takapoto Atoll (Tuamotu**

**Archipelago, French Polynesia).** Zanini, J.M.; Salvat, B. 2000. Coral Reefs. 19(1):83-87. (Universite de Perpignan, Laboratoire de Biologie Marine et Malacologie, Ecole Pratique des Hautes Etudes, URA EPHE-CNRS 1453, 66.860 Perpignan Cedex, France) (Email: bsalvat@univ-perp.fr)

**18957 - Importance of epiphytic cyanobacteria as food sources for hetero-trophs in a tropical seagrass bed.** Yama-muro, M. 1999. Coral Reefs. 18(3):263-271. (Geological Surgery of Japan, Marine Geology Dept., 1-1-3 Higashi, Tsukuba, Ibaraki 3058567, Japan) (Email: yamamuro@gjsj.go.jp)

**18958 - Population size and structure of giant clams at Rose Atoll, an important refuge in the Samoan Archipelago.** Green, A.; Craig, P. 1999. Coral Reefs. 18(3):205-211. (Great Barrier Reef Marine Park Authority, PO Box 1379, Townsville, Q. 4810, Australia)

**18959 - Management histories of Sumilon and Apo Marine Reserves, Philippines, and their influence on national marine resource policy.** Russ, G.R.; Alcala, A.C. 1999. Coral Reefs. 18(4):307-319. (James Cook University of North Queensland, Dept. of Marine Biology, Townsville, Queensland, 4811, Australia) (Email: garry.russ@jcu.edu.au)

**18960 - The human side of reef management: a case study analysis of the socioeconomic framework of Montego Bay Marine Park.** Bunce, L.; Gustavson, K.; Williams, J.; Miller, M. 1999. Coral Reefs. 18(4):369-380. (National Oceanic and Atmospheric Administration, National Ocean Service, International Program Office N/ IPO, 1305 East-West Highway, SSMC-IV/13th Floor Silver Spring, MD 20910, USA) (Email: leah.bunce@noaa.gov)

**18961 - Is there a future for coral reef parks in poor tropical countries?** McClanahan, T.R. 1999. Coral Reefs. 18(4):321-325. (Coral Reef Conservation Project, The Wildlife Conservation Society, P.O. Box 99470, Mombasa, Kenya) (Email: crcp@africaonline.co.ke)

**18962 - Reducing the costs of restocking giant clams in Solomon Islands.** Bell, J.D. 1999. Coral Reefs. 18(4):326. (Write to: ICLARM-The World Fish Center, PO Box 500 GPO, 10670, Penang, Malaysia) (Email: iclarm@cgiar.org)

**18963 - Biomass, production and heterotrophic activity of bacterioplankton in the Great Astrolabe reef lagoon (Fiji).** Torretton, J.P. 1999. Coral Reefs. 18(1):43-53. (IRD-Montpellier, Laboratoire HEA, 911. av. Agropolis, BP 5045-34032 Montpellier cdx-1, France) (Email: torretton@orstom.fr)

**18964 - The Togian Islands: coral reefs with a unique coral fauna and an hypothesised Tethys**

**Sea signature.** Wallace, C.C. 1999. Coral reefs. 18(2):162. (Museum of Tropical Queensland, Flinders Street, Townsville, Queensland 4812, Australia)

**18965 - Effect of organic manures on organic carbon content of submerged pond soil.** Chatterjee, D.K.; Saha, P.K. 2000. Israeli J. Aquacult./Bamidgeh. 52(3):118-126. (Central Institute of Freshwater Aquaculture, Kausalyaganga, Bhubaneswar, Orissa, 751002, India)

**18966 - Assessment of economic losses from marine pollution: an introduction to economic principles and methods.** Ofiara, D.D. 2001. Mar. Pollut. Bull. 42(9):709-725. (University of Southern Maine, Muskie School of Public Service, P.O. Box 9300, 96 Falmouth Rd., Portland, ME 04104-9300, USA)

**18967 - Organochlorine and trace element contamination in bottlenose dolphins (*Tursiops truncatus*) from the South China Sea.** Parsons, E.C.M.; Chan, H.M. 2001. Mar. Pollut. Bull. 42(9):780-786. (SEA QUEST Tobermory, Isle of Mull, Argyll PA75 6NU, UK) (Email: hwtd@sol.co.uk)

**18968 - The Brazilian National Plan for Coastal Management (PNGC).** Munoz, J.M.B. 2001. Coast. Manage. 29(3):137-156. (Universidad de Cadiz, Facultad de Ciencias del Mar, Ordenacion del Espacio Litoral, Espana, Apdo. 40, Puerto Real, Cadiz, Espana) (Email: juan.barragan@uca.es)

**18969 - An analysis of the impact of the Internet on coastal management.** Kay, R.; Christie, P. 2001. Coast. Manage. 29(3):157-181. (Kay Consulting, P.O. Box 191, Mosman Park, Western Australia 6012, Australia) (Email: robert@coastalmanagement.com)

**18970 - Periodic movement, recruitment and size-related distribution of the sea cucumber *Holothuria scabra* in Solomon Islands.** Mercier, A.; Battaglene, S.C.; Hamel, J.F. 2000. Hydrobiologia. 440:81-100. (Write to: ICLARM-The World Fish Center, PO BOX 500 GPO, 10670 Penang, Malaysia) (Email: iclarm@cgiar.org)

**18971 - Sustainable indian fisheries.** Pandian, T.J. 2001. 327p. New Delhi, India, National Academy of Agricultural Sciences.

**18972 - Aquaculture development and information processes.** Grover, J. 2001. p. 116-120. IIRR; IDRC; FAO; NACA; ICLARM. Utilizing different aquatic resources for livelihoods in Asia: a resource book. Cavite, Philippines, IIRR. (Write to: ICLARM-The World Fish Center, PO Box 500 GPO, 10670 Penang, Malaysia)

**18973 - Increasing wild fish harvests by enhancing rice field habitats.** Prein, M.; Dey, M.M. 2001. p.207-214. IIRR; IDRC; FAO;

- NACA; ICLARM. Utilizing different aquatic resources for livelihoods in Asia: a resource book. Cavite, Philippines, IIRR. (Write to: ICLARM-The World Fish Center, PO Box 500 GPO, 10670 Penang, Malaysia) (Email: iclarm@cgiar.org)
- 18974 - A review of the catfish genus *Pterocryptis* (Siluridae) in Vietnam, with the description of two new species.** Ng, H.H.; Freyhof, J. 2001. *J. Fish Biol.* 59(3):624-644. (University of Michigan, Fish Div., Museum of Zoology, 1109 Geddes Avenue, Ann Arbor, Michigan 48109-1079, USA) (Email: heokheen@umich.edu)
- 18975 - A collection of studies on the effects of the 1997-98 El Nino-Southern Oscillation event on corals and coral reefs in the eastern tropical Pacific.** Glynn, P.W.; Colley, S.B. (eds.). 2001. *Bull. Mar. Sci.* 69(1):1-288. (Write to: Rosentiel School of Marine and Atmospheric Science, University of Miami, 4600 Rickenbacker Causeway, Miami, Florida 33149-1098, USA) (Email: bms@rsmas.miami.edu)
- 18976 - Surge ammonium uptake of the cultured seaweed, *Kappaphycus alvarezii* (Doty) Doty (Rhodophyta: Gigartinales).** Dy, D.T.; Yap, H.T. 2001. *J. Exp. Mar. Biol. Ecol.* 265(1):89-100. (University of San Carlos, Biology Dept., 6000 Cebu City, Philippines) (Email: dydt@cnms.net)
- 18977 - Larval development and metamorphosis in *Balanus amphitrite* Darwin (Cirripedia; Thoracica): significance of food concentration, temperature and nucleic acids.** Anil, A.C.; Desai, D.; Khandeparker, L. 2001. *J. Exp. Mar. Biol. Ecol.* 263(2):125-141. (National Institute of Oceanography, Marine Corrosion & Materials Research Div., Dona-Paula, Goa-403 004, India) (Email: acanil@csnio.ren.nic.in)
- 18978 - A revised synonymy of *Telmato-chromis temporalis* (Teleostei, Cichlidae) from Lake Tanganyika (East Africa).** Hanssens, M.; Snoeks, J. 2001. *J. Fish Biol.* 58(3):639-655. (Africa Museum, vertebrate Section, Ichthyology, Cichlid Research Unit, Leuvensesteenweg, 13,B-3080 Tervuren, Belgium) (Email: mhanssens@africamuseum.be)
- 18979 - Disused shrimp ponds and mangrove rehabilitation.** Stevenson, N.J.; Lewis, R.R.; Burbridge, P.R. 1999. p.277-297. In: Streever, W. (ed.). An international perspective on wetland rehabilitation. Netherlands, Kluwer Academic Pub.
- 18980 - Biochemical changes in decomposing leaves of mangroves.** Rajendran, N.; Kathiresan, K. 2000. *Chem. Ecol.* 17:91-102.
- 18981 - A review of studies on Pichavaram mangrove, southeast India.** Kathiresan, K. 2000. *Hydrobiologia.* 430:185-205.
- 18982 - 'Mangrove vegetation trap' technique for improving fishery resources in coastal waters.** Rajendran, N.; Kathiresan, K. 1998. *Curr. Sci.* 75(5):429.
- 18983 - Seasonal occurrence of juvenile prawn and environmental factors in a *Rhizophora* mangal, southeast coast of India.** Rajendran, N.; Kathiresan, K.K. 1999. *Hydrobiologia.* 394:193-200.
- 18984 - Do decomposing leaves of mangroves attract fishes?** Rajendran, N.; Kathiresan, K. 1999. *Curr. Sci.* 77(1):972-976.
- 18985 - Phylogeography of *Ophioblennius*: the role of ocean currents and geography in reef fish evolution.** Muss, A.; Robertson, D.R.; Stepien, C.A.; Wirtz, P.; Bowen, B.W. 2001. *Evolution.* 55(3):561-572. (Write to: B.W. Bowen, University of Florida, Dept. Fisheries & Aquatic Sciences, Gainesville, Florida 32653, USA) (Email: bowen@gnv.ifas.ufl.edu)
- 18986 - Final report: COREMAP mid-term review: 1998-2000.** COREMAP. Program Management Office. 2001. 445p. in various pagings. Jakarta, Indonesia, COREMAP.
- 18987 - Responsible aquaculture development in Southeast Asia: proceedings of the Seminar-Workshop.** Garcia, L.M.B. (ed.). 2001. Seminar-Workshop on Aquaculture Development in Southeast Asia, Iloilo City, Philippines, 12-14 October 1999. 274p. Iloilo, Philippines, Southeast Asian Fisheries Development Center. ISBN:971-8511-47-4.
- 18988 - Marine reserves in the Philippines: historical development, effects and influence on marine conservation policy.** Alcalá, A.C. 2001. xi,114p. Makati City, Philippines, Bookmark. ISBN: 971-569-419-5.
- 18989 - Microsatellite variation in marine, freshwater and anadromous fishes compared with other animals.** DeWoody, J.A.; Avise, J.C. 2000. *J. Fish Biol.* 56(3):461-473. (University of Georgia, Dept. Genetics, Athens, GA 30602, USA) (Email: dewoody@arches.uga.edu)
- 18990 - Application of Geographic Information System (GIS) technique for shrimp farm and mangrove forest development in Chanthaburi Province, Thailand.** Tookwinas, S.; Leeruksakiat, P. 1999. *Thai Mar. Fish. Res. Bull.* 7(1):1-16. (Dept. Fisheries, Chatuchak, Bangkok 10900, Thailand)
- 18991 - Recent success in the breeding of new marine foodfish species in Singapore.** Lim, H.S.; Goh, J.; Yeo, K.H. 1999. *Singapore J. Pri. Ind.* 27:37-45. (Marine Aquaculture Centre, 300 Nicoll Drive, Singapore 498989)
- 18992 - Factors limiting phytoplankton production in a tropical continental shelf ecosystem.** Burford, M.A.; Rothlisberg, P.C. 1999. *Estuar. Coast. Shelf. Sci.* 48(5):541-549. (CSIRO Marine Research, P.O. Box 120, Cleveland, Queensland 4163, Australia)
- 18993 - Estimation of the carrying capacity for marine shrimp farming area at Kung Krabaen Bay.** Tookwinas, S. 1999. *Thai Mar. Fish. Res. Bull.* 7:17-25. (Dept. Fisheries, Marine Shrimp Research & Development Institute, Bangkok 10900, Thailand)
- 18994 - Experiment on local scour and embedment of artificial reef models due to wave action in shallow water area.** Ingsrisawang, V.; Kimura, H.; Ban, M. 1999. *Thai Mar. Fish. Res. Bull.* 7:26-34. (Eastern Marine Fisheries Development Center, Ban Phe, Muang District, Rayong 21160, Thailand)
- 18995 - Diversity of phytoplankton on artificial reef in Phe Bay, eastern coast of the Gulf of Thailand.** Ingsrisawang, V.; Singhagraiwan, T.; Singhagraiwan, S.; Kabinrum, S. 1999. *Thai Mar. Fish. Res. Bull.* 7:35-45. (Eastern Marine Fisheries Development Center, Ban Phe, Muang district, Rayong 21160, Thailand)
- 18996 - Marine resources off the Tarutao Marine National Park in 1985 and 1995, Thailand.** Chantawong, P. 1999. *Thai Mar. Fish. Res. Bull.* 7:46-58. (Andaman Sea Fisheries Development Center, 77, Tumbon Vichit, Amphoe Muang, Phuket 83000, Thailand)
- 18997 - Bibliography of electrophoretic techniques in cephalopod research.** Nabhitabhata, J. 1999. *Thai Mar. Fish. Res. Bull.* 7:76-88. (Rayong Coastal Aquaculture Station, Ta-pong, Muang District Rayong 21000, Thailand)
- 18998 - Checklist of diversity and distribution of recent cephalopods from Thai waters.** Nabhitabhata, J. 1999. *Thai Mar. Fish. Res. Bull.* 7:89-96. (Rayong Coastal Aquaculture Station, Ta-pong, Rayong Province 21000, Thailand) (Email: rcas@loxinfo.co.th)
- 18999 - Horizontal trends in larval fish diversity and abundance along an ocean-estuarine gradient on the northern Kwa Zulu-Natal coast, South Africa.** Harris, S.A.; Cyrus, D.P.; Beckley, L.E. 2001. *Estuar. Coast. Shelf. Sci.* 53(2):221-235. (Geographic Environmental Solutions, P.O. Box 1750, Paulshof, Sandton, 2056, Johannesburg, South Africa)
- 19000 - Diurnal and tidal variation of temperature and salinity in the Ponta Rasa Mangrove Swamp, Mozambique.** Hogueane, A.M.; Hill, A.E.; Simpson, J.H.; Bowers, D.G. 1999. *Estuar. Coast. Shelf. Sci.* 49(2):251-264. (Instituto de Investigacao Pesqueira, P.O. Box 4603, Maputo, Mozambique, Africa)
- 19001 - Aquaculture development in Azad**

## INFORMATION

*Bibliography continued*

- Jammu and Kashmir, Pakistan.** Arthur, R.; Dickson, M.; Ayub, J. 2000. *FAO Aquacult. Newsl.* (26):4-6. (FAO Fish Health Consultant, RR1, 6798 Hillside Drive, Sparwood, B.C., Canada) (Email: rarthur@titaanlink.com)
- 19002 - Aquaculture in oxbow lakes with emphasis on women's participation: a case from Bangladesh.** Kibria, M.G.; Van Anrooy, R. 2000. *FAO Aquacult. Newsl.* (26):12-15. (UNV Project Coordinator, Northern Upland Aquaculture Development Project, VIE/98/009/01/NEX, Project Management Unit, To 6-Phuong Chieng Le, Thi xa-Son La, Vietnam) (Email: vie98009@undp.org.vn)
- 19003 - Establishing a mangrove nursery.** Sinohin, V.; Baconguis, S. 2000. *SEAFDEC Asian Aquacult.* 12(1):7-8,28-30. (DENR-Ecosystems Research & Development Bureau, College 4031, Laguna, Philippines) (Email: erdb@laguna.net)
- 19004 - Role of vitamins C and E in immune response of fishes.** Majhi, P.; Sahu, N.P. 2000. *SEAFDEC Asian Aquacult.* 22(1):9-10,31. (Indian Veterinary Research Institute, Animal Nutrition Div., Izatnagar, Bareilly, U.P. 243122, India)
- 19005 - Catfish culture in Southeast Asia.** Adan, R. 2001. *SEAFDEC Asian Aquacult.* 22(1):16-17.
- 19006 - Patterns of abundance of seagrasses and associated infaunal communities at Inhaca Island, Mozambique.** Paula, J. Costa, F.E.; Martins, A.; Gove, D. 2001. *Estuar. Coast. Shelf Sci.* 53(3):307-318. (Faculdade de Ciencias da Universidade de Lisboa, IMAR-Laboratorio Maritimo do Guia, Estrada do Guincho, 2750-642 Cascais, Portugal)
- 19007 - Akoya pearl culture in China.** O'Connor, W.; Wang, A. 2001. *World Aquacult.* 32(3):18-20. (Port Stephen's Fisheries Centre, New South Wales, Australia) (Email: oconnorw@fisheries.nsw.gov.au)
- 19008 - Giant clam farming in the U.S. affiliated Pacific Islands.** Lee, C.S.; Ellis, S.; Awaya, K.L. 2001. *World Aquacult.* 32(3):21-22,25-27,62-63. (Oceanic Institute, Center for Tropical and Subtropical Aquaculture, 41-202 Kalaniana'ole Hwy., Waimanalo, HI 96795) (Email: cslee@oceanic.institute.org)
- 19009 - Sustainable offshore aquaculture development in the Gulf of Mexico.** Bridger, C. 2001. *World Aquacult.* 32(3):28-33,60. (University of Southern Mississippi, College of Marine Sciences, Gulf of Mexico Offshore Aquaculture Consortium, P.O. Box 7000, Ocean Springs, MS 39564, USA) (Email: chris.bridger@usm.edu)
- 19010 - Floating cages in open sea water: an alternative for promoting integrated aquaculture in Brazil.** Lombardi, J.V.; Marques, H.L.A.; Barreto, O.J.S. 2001. *World Aquacult.* 32(3):47-50. (Fishery Institute-SP, Aquaculture Research Center, Brazil. Av. Francisco Matarazzo, 455, Sao Paulo, Brazil 05001-900) (Email: lombardi@aquicultura.br)
- 19011 - Diurnal and lunar patterns of larval recruitment of brachyura into a mangrove estuary system in Ranong Province, Thailand.** Moser, S.M.; Macintosh, D.J. 2001. *Mar. Biol.* 138(4):827-841. (University of Aarhus, Dept. Ecology & Genetics, Building 540, 8000 Aarhus C, Denmark) (Email: Sean.moser@biology.au.dk)
- 19012 - The small scale reef fishery on the central north coast of Jamaica in 2000-2001: a biological and socio-economic survey.** Sary, Z. ICLARM Caribbean/Eastern Pacific Office. 2001. Unpublished. 27p. Tortola, British Virgin Islands, CEPO. Caribbean/Eastern Pacific Office Technical Report.
- 19013 - World atlas of coral reefs.** Spalding, M.D.; Ravilious, C.; Green, E.P. United Nations Environment Programme; World Conservation Monitoring Centre. 2001. 1 atlas (424p). Berkeley, USA, University of California Press. "Published in association with UNEP-WCMC—"P. facing t.p. ISBN:0-520-23255-0.
- 19014 - Mangrove-friendly aquaculture: proceedings of the workshop.** Primavera, J.H.; Garcia, L.Ma.B.; Castanos, M.T.; Surtida, M.B. (eds.). Southeast Asian Fisheries Development Center. 2000. Mangrove-friendly aquaculture, Iloilo City, Philippines, 11-15 January, 1999. viii,217p. Iloilo, Philippines, SEAFDEC. ISBN: 971-8511-42-3.
- 19015 - Remote sensing handbook for tropical coastal management.** Green, E.P.; Mumby, P.J.; Edwards, A.J.; Clark, C.D. 2000. 316p. Paris, UNESCO Pub. ISBN:92-3-103736-6.
- 19016 - Mangrove cholesterol in the diet of penaid prawn *Penaeus indicus*.** Ramesh, M.X.; Kathiresan, K. 1992. *Indian J. Mar. Sci.* 21:164-166.
- 19017 - Utilizing different aquatic resources for livelihoods in Asia: a resource book.** IIRR; IDRC; FAO; NACA; ICLARM. 2001. xii,416p. Cavite, Philippines, IIRR. "The result of the participatory workshop process conducted on September 18-28, 2000 at the International Institute of Rural Reconstruction"—Introduction. ISBN:1-030261-02-0.
- 19018 - Contribution to the phylogeny of pangasiid catfishes based on allozymes and mitochondrial DNA.** Pouyaud, L.; Teugels, G.G.; Gustiano, R.; Legendre, M. 2000. *J. Fish Biol.* 56(6):1509-1538. (Write to: G. G. Teugels, Africa Museum (MRAC), Ichthyology Dept., B-3080 Tervuren & Kuleuven Laboratory of Compared Anatomy & Biodiversity, B-3000 Leuven, Belgium) (Email: teugels@africamuseum.be)
- 19019 - Asian fisheries in the 21st century: which way to prosperity?** Williams, M.J. 2001. *AFS Spec. Pub. No. 11.* 57-62. Keynote addresses: 5th and 6th Asian Fisheries Forums.
- 19020 - An annotated checklist of the species of the labroid fish families *Labridae* and *Scaridae*.** Parenti, P.; Randall, J.E. 2000. *Ichthyol. Bull.* (68):197. (Dipartimento di Scienze dell' Ambiente e del Territorio Universita degli Studi di Milano-Bicocca, P. zza della Scienza 1, 20126 Milano, Italy) (Email: Paolo.Parenti@unimib.it)
- 19021 - Feeding ecology of silverperch, *Terapon plumbeus* Kner, and the impact of fish-pens in Laguna de Bay, Philippines.** Kock, M.; Focken, U.; Richter, H.; Becker, K.; Santiago, C.B. 2000. *J. Appl. Ichthyol.* 16(6):240-246. (University of Hohenheim, Dept. Animal Nutrition & Aquaculture, Inst. Animal Production in the Tropics & Subtropics, Stuttgart, Germany)
- 19022 - Reproductive biology of the silver pomfret, *Pampus argenteus* (Euphrasen), in Kuwait waters.** Dadzie, S.; Abou-Seedo, F.; Al-Shallal, T. 2000. *J. Appl. Ichthyol.* 16(6):247-253. (Kuwait University, Dept. Biological Sciences, Safat, Kuwait)
- 19023 - Measuring the productivity of threatened-species programs.** Cullen, R.; Fairburn, G.A.; Hughey, K.F.D. 2001. *Ecol. Econ.* 39(1):53-66. (AMP Society, Sydney, Australia) (Email: cullenr@lincoln.ac.nz)
- 19024 - The human development index and sustainability- a constructive proposal.** Neumayer, E. 2001. *Ecol. Econ.* 39(1):101-114. (London School of Economics & Political Science, Dept. Geography & Environment, Houghton Street, London WC2A 2AE, UK) (Email: e.neumayer@lse.ac.uk)
- 19025 - Advanced biotechnology in hatchery production: proceedings of an Aquaculture Interchange Program Workshop, Honolulu, Hawaii, 6-9 December 1999.** Lee, C.S.; O'Bryen, P.J. (eds.). 2001. *Aquaculture.* 200(1/2):1-247. (Write to: Elsevier Science, PO Box 211, 1000 AE Amsterdam, Netherlands) (Email: nlinfof@elsevier.nl)
- 19026 - Fish feeds and nutrition: feed development for Asian aquaculture.** Hardy, R.W. 2001. *Aquacult. Mag.* 27(3):51-54. (University of Idaho, Hagerman Fish Culture Experiment Station, USA)
- 19027 - Genetics and breeding: improving tilapia stocks.** Lutz, C.G. 2001. *Aquacult. Mag.* 27(3):58-61. (Louisiana State University Agricultural Center, USA)

**19028 - Shellfish: worldwide statistics for oysters & clams.** Chew, K.K. 2001. *Aquacult. Mag.* 27(3):72-76. (University of Washington, College of Ocean & Fishery Sciences, Seattle, Washington, USA)

**19029 - Tilapia farming industry in Ecuador.** Alceste, C.C.; Illingworth, J.A.; Jory, D.E. 2001. *Aquacult. Mag.* 27(3):77-83.

**19030 - The Torres Strait beche-de-mer (sea cucumber) fishery.** D'Silva, D. 2001. *SPC Beche-de-mer Info. Bull.* (15):2-4. (Queensland Fisheries Service, GPO Box 46, Brisbane, Qld, 4001, Australia)

**19031 - Sexual reproduction of *Stichopus chloronotus*, a fissiparous sea cucumber, on Reunion Island, Indian Ocean.** Hoareau, T.; Conand, C. 2001. *SPC Beche-de mer Info. Bull.* (15):4-12. (University of La Reunion, Marine Ecology Laboratory, Reunion Island)

**19032 - Assessment of the 'tubule recruitment model' in three tropical *Aspidochirote* holothurians.** Ramofafia, C.; Byrne, M. 2001. *SPC Beche-de mer Info. Bull.* (15):13-16. (Write to: ICLARM-The World Fish Center, P.O. Box 500, GPO, 10670 Penang, Malaysia) (Email: iclarm@cgiar.org)

**19033 - Preliminary sandfish growth trials in tanks, ponds and pens in Vietnam.** Pitt, R.; Nguyen, T.X.T.; Mai, D.M.; Hua, N.P. 2001. *SPC Beche-de mer Info. Bull.* (15):17-27. (Write to: ICLARM-The World Fish Center, P.O. Box 500, GPO, 10670 Penang, Malaysia) (Email: iclarm@cgiar.org)

**19034 - Market news: beche-de-mer.** Anon. 2001. *SPC Beche-de mer Info. Bull.* (15):30-31.

**19035 - Aquaculture and fisheries resources management: proceedings.** Liao, I.C.; Baker, J. (eds.). 2001. Joint-Taiwan-Australia Aquaculture and Fisheries Resources and Management Forum, Keelung, Taiwan, November 2-8, 1998. *TFRI Conference Proceedings* 4. x,288p. Keelung, Taiwan, Taiwan Fisheries Research Institute. ISBN: 957-02-8422-6.

**19036 - Fractional phosphate composition in sediments from a tropical river (Catatumbo River, Venezuela).** Gonzalez, M.E.R.; Zambrano, E.; Mesa, J.; de Medina, H.L. 2001. *Hydrobiologia*. 450:47-55. (La Universidad del Zulia, Facultad de Ciencias, Laboratorio de Quimica Ambiental, Maracaibo 4011, Zulia, Venezuela) (Email: hild@cantv. net)

**19037 - Twenty sea cucumbers from seas around India.** James, D.B. 2001. *Naga: ICLARM Q.* 24(1/2):4-8. (Central Marine Fisheries Research Institute, Cochin, India)

**19038 - Community-based aquaculture in India-**

**strengths, weaknesses, opportunities and threats.** Radheyshyam. 2001. *Naga: ICLARM Q.* 24(1/2):9-12. (Central Institute of Freshwater Aquaculture, Kausalyaganga, Bhubaneswar-751002, India)

**19039 - Factors determining success in *Penaeus monodon Fabricius*.** Babu, M.; Ravi, C.; Marian, M.P.; Kitto, M.R. 2001. *Naga: ICLARM Q.* 24(1/2):13-15. (Trisea Shrimp Hatchery, Tiruchendur Marine Drive, Chettikulam - 627 124, Tirunelveli District, Tamil Nadu, India)

**19040 - Length-weight relationships of *Penaeus monodon* reared in semi-intensive culture systems of Kerala, India.** Prasad, G. 2001. *Naga: ICLARM Q.* 24(1/2):16-17. (St. Albert's College, Dept. Aquaculture, Ernakulam, Kerala State, India 682 018)

**19041 - In vitro comparison of zeolite (Clinoptilolite) and activated carbon as ammonia absorbants in fish culture.** Emadi, H.; Nezhad, J.E.; Pourbagher, H. 2001. *Naga: ICLARM Q.* 24(1/2):18-20. (University of Tehran, Dept. Science, Iran)

**19042 - Low cost murrel seed production technique for fish farmers.** Marimuthu, K.; Haniffa, M.A.; Muruganandam, M.; Arockia Raj, A.J. 2001. *Naga: ICLARM Q.* 24(1/2):21-22. (St. Xavier's College, Centre for Aquaculture Research & Extension, Palayankottai-727002 Tamil Nadu, India)

**19043 - A review of length-weight relationships of fishes from Greek marine waters.** Stergiou, K.I.; Moutopoulos, D.K. 2001. *Naga: ICLARM Q.* 24(1/2):23-39. (Aristotle University of Thessaloniki, Dept. Biology, Laboratory of Ichthyology, P.O. Box 134, Thessaloniki 54006, Greece) (Email: kstergiou@bio.auth.gr)

**19044 - Relation between phosphate and organic matter in fish-pond sediments of the Deroua fish farm (Beni-Mellal, Morocco): implications for pond management.** Kassila, J.; Hasnaoui, M.; Droussi, M.; Loudiki, M.; Yahyaoui, A. 2001. *Hydrobiologia*. 450:57-70. 376, Avenue Mohamed V, 23000 Beni-Mellal, Maroc)

**19045 - Growth studies of sciaenids from Mumbai waters using the Bhattacharya method.** Chakraborty, S.K. 2001. *Naga: ICLARM Q.* 24(1/2):40-41. (Central Institute of Fisheries Education, Seven Bungalows, Versova, Mumbai-400 061, India)

**19046 - Markets, marketing and production issues for aquaculture in East Africa: the case of Uganda.** Jagger, P.; Pender, J. 2001. *Naga: ICLARM Q.* 24(1/2):42-51. (International Food Policy Research Institute, Washington D.C., USA)

**19047 - Aquaculture genetics research and issues in INGA member countries/ institutions.**

Gupta, M.V.; Acosta, B.O. 2001. *Naga: ICLARM Q.* 24(1/2):61-65. (Write to: ICLARM-The World Fish Center, P.O. Box 500 GPO, 10670 Penang, Malaysia) (Email: iclarm@cgiar.org)

**19048 - An assessment of the coastal resources of Ibabay and Tangalan, Aklan: implications for management.** Garcia, L.M. (ed.). Southeast Asian Fisheries Development Center. 2001. 60p. Iloilo, Philippines, SEAFDEC. ISBN:971-8511-54-7.

**19049 - Genetic structure of Lake Magadi tilapia populations.** Wilson, P.J.; Wood, C.M.; Maina, J.N.; White, B.N. 2000. *J. Fish Biol.* 56(3):590-603. (Trent University, Wildlife Forensic DNA Laboratory, Peterborough, Ontario K9J 7B8, Canada) (Email: pawilson@trentu.ca)

Subject Index

Abundance 18999, 19006  
 Algae 18865  
 Algal blooms 18867  
 Algal culture 18878, 18912  
 Algal settlements 18889  
 Allozymes 18954, 19018  
 Ammonia 19041  
 Ammonium compounds 18976  
 Anadromous species 18989  
 Anaesthetics 18927  
 Animal nutrition 19026  
 Animal reproductive organs 18918, 19032  
 Aquaculture 18856, 18899, 18917, 18946, 18951, 18971, 19002, 19017, 19021, 19026, 19035, 19038, 19047  
 Aquaculture development 18972, 18987, 18993, 19001, 19009, 19046  
 Aquatic animals 18859, 18865  
 Aquatic plants 18884  
 Artificial reefs 18994, 18995  
 Artisanal fishing 18851, 18947, 19012  
 Atoll lagoons 18956  
 Bacteria 18869, 19044  
 Bacterial production 18963  
 Bibliographies 18997  
 Biodegradation 18980  
 Biofilters 18878  
 Biogeography 18985  
 Biological production 18992  
 Biomass 18860, 18874, 18989, 19006  
 Biotechnology 19025, 19035  
 Boats 18932  
 Brackish water 18912, 19017  
 Brackishwater aquaculture 19014  
 Brackishwater environment 18999  
 Brackishwater molluscs 19014  
 Breeding 18991, 19027, 19042  
 Bryozoa 18861  
 By catch 18903  
 Cage culture 19021, 19033  
 Cannibalism 18917  
 Carbon 18953, 19041  
 Carbon fixation 18912  
 Carp 18952  
 Catchment area 18955  
 Cell organelles 18985, 19018, 19049

**INFORMATION**

*Subject Index continued*

- Cephalopod fisheries 18923, 18930, 18997, 18998  
 Check lists 18998, 19020  
 Chemical pollution 18894  
 Cholesterol 19016  
 Clam culture 18962, 19008  
 Clam fisheries 18881, 18958  
 Cleaning behaviour 18915  
 Climatic changes 18897  
 Clupeoid fisheries 18920  
 Co-management 18890, 18891, 18947  
 Coastal fisheries 18851, 19035  
 Coastal waters 18982  
 Coastal zone management 18858, 18931, 18968, 18969, 19015  
 Coasts 18876, 18877  
 Coccoliths 18992  
 Commercial fishing 18854  
 Communication 18969  
 Community involvement 19017, 19038  
 Composition 18879  
 Conferences 18942, 18943, 19035  
 Conservation 18945, 18981  
 Contamination 18967  
 Coral 18894, 18916, 18975, 19048  
 Coral reefs 18889, 18910, 18911, 18959, 18960, 18961, 18962, 18963, 18964, 18975, 18986, 19013  
 Cost analysis 19023  
 Cost effectiveness 19015  
 Costs 19023  
 Cottonseed meal 18879  
 Crab culture 19014  
 Crab fisheries 19011  
 Cyanides 18894  
 Cytochromes 18985  
 Data analysis 19015  
 Data collections 18934, 18936, 19035  
 Degradation 18911, 18984  
 Detectyion 18859  
 Development policies 19024  
 Diarrhetic shellfish poisoning 18914  
 Diets 18866, 18885, 19016  
 Dinoflagellate 18867, 18914  
 Disease control 18987  
 Disease detection 18869  
 Diseases 18859  
 Dissolved oxygen 19044  
 Distribution 18871, 18970, 18998  
 Diurnal variations 19011  
 DNA 18859, 18904, 18985, 18989, 19018, 19049  
 Dry seasons 18950  
 Dynamics 18919  
 Echinoderm fisheries 18878  
 Ecology 18900, 18923, 18945  
 Economic analysis 18931  
 Economic growth 18876  
 Economic policies 18929  
 Economic situation 18929  
 Economics 18966  
 Ecosystems 18874, 18924  
 Ectoparasites 18915  
 Eel culture 19035  
 Efficiency 19023  
 El Nino phenomena 18975  
 Electrophoresis 18997  
 Endemic species 18899  
 Energy budget 18913  
 Entangling nets 18903  
 Environment management 18853  
 Environmental conditions 18880  
 Estuaries 18874, 18885, 18948, 18984  
 Eutrophication 18924  
 Evapotranspiration 19000  
 Evolution 18917, 19018  
 Extension activities 18938, 19017  
 FAO 19001  
 Farm inputs 19046  
 Farming systems 18937  
 Fauna 18981  
 Feed 19026, 19035  
 Feeding 18857, 18913, 18946, 18977, 19021  
 Feeding experiments 18866  
 Financing 19046  
 Finfish fisheries 18895, 19025  
 FIRST (computer file) 18934  
 Fish 18868  
 Fish culture 18878, 18973, 18987, 19005, 19029, 19041, 19042  
 Fish diseases 18946, 19035  
 Fish larvae 18865, 18999  
 Fish meal 18879  
 Fish physiology 18944  
 Fisheries 18897  
 Fishery management 18852, 18853, 18854, 18875, 18892, 18933, 18944, 18950, 19012, 19019, 19035  
 Fishery policy 18933  
 Fishery products 18908  
 Fishery resources 18933, 18938, 18982, 18984  
 Fishery statistics 18941  
 Fishing rights 19019  
 Fixation 19044  
 Floating cages 19010  
 Flood control 18950  
 Flood plains 18949, 18950, 18953  
 Flooding 18973  
 Flora 18884, 18981  
 Fluorescence 18857  
 Food organisms 19025  
 Food poisoning 18868  
 Food security 18946  
 Forest nurseries 19003  
 Formaldehyde 18908  
 Freezing storage 18862  
 Fresh water 18861, 19017  
 Freshwater aquaculture 18862, 18928  
 Freshwater fish 18989  
 Gastropod culture 18866  
 Genetics 18856, 18881, 18904, 18946, 19027, 19047  
 Geographical distribution 18880  
 Geographical Information Systems 18990  
 Growth 18866, 18879, 18886, 18902, 18905, 18907, 18912, 19033, 19045  
 Habitat 18885, 18915  
 Habitat improvement 18979  
 Habitats 19015  
 Hatcheries 19025  
 Health and safety 18908  
 Heat 18907  
 Heterotrophic organisms 18957  
 Histopathology 18927  
 Hormones 18887  
 Hybridization 18856  
 Hybrids 18928  
 Hydraulic engineering 18949  
 ICLARM 18891, 18935, 18936, 18937, 18938  
 ICLARM Contrib. No. 1479 18962  
 ICLARM Contrib. No. 1543 18970  
 ICLARM Contrib. No. 1630 18934  
 Identification 18940  
 IFM 18891  
 Immunity 19004  
 Infectious diseases 18869, 18909  
 Information handling 18946, 18972  
 Integrated aquaculture 18987, 19010  
 Integrated area management 19019  
 Integrated farming 18937, 18951  
 Integrated pest management 18896  
 International cooperation 19047  
 Internet 18969  
 Introduced species 18895  
 Invertebrate larvae 18977  
 Irrigation 18951  
 Isotopes 18953, 18957  
 Juveniles 18948, 18983, 19025  
 Labour 19046  
 Lagoons 18857  
 Land 19046  
 Larvae 18885, 19025  
 Larval development 18977  
 Larval settlement 18910  
 Leaves 18980  
 Length (frequency analysis) 19045  
 Length-weight relationships 18902, 19040, 19043  
 Light effects 18992  
 Limnology 18955  
 Line fishing 18944  
 Living resources 18921  
 Losses 18966  
 Mackerel fisheries 18902  
 Mangrove swamp 18980, 18981  
 Mangrove swamps 18979, 18990, 19000, 19011, 19014, 19048  
 Mangroves 18982, 18984, 19003, 19016  
 Manuals 18934  
 Manure 18965  
 Maps 19013  
 Marine aquaculture 18881, 18991, 19009, 19025  
 Marine ecology 18931  
 Marine ecosystems 18922  
 Marine environment 18893  
 Marine fish 18939, 18948, 18989, 19014, 19043  
 Marine fisheries 18852, 18854, 18944  
 Marine mollusks 18942, 18943  
 Marine parks 18855, 18959, 18960, 18961, 18988, 18996  
 Marine pollution 18925, 18926, 18931, 18966  
 Marine resources 18922, 18988, 18996  
 Market research 18935  
 Marketing 18987, 19046  
 Mass spectroscopy 18914  
 Megalops 19011  
 Migrations 18950  
 Migratory species 18864  
 Models 18854, 18874, 18900, 18916, 18955, 18994  
 Mollusc culture 18942, 18943, 18987  
 Moon phases 19011  
 Mortality 18905

- Multivariate analysis 18999  
 Nannoplankton 18963  
 Natural resources 18931, 19024  
 Nauplii 18909  
 Nitrogen 18957  
 Nutrient cycles 18976  
 Nutrients (mineral) 18860, 18924, 18992  
 Nutrition 18946, 19035  
 Nutritive value 18912, 18984  
 Ocean currents 18985  
 Ocean policy 18959  
 Oceanic province 18906  
 Oceanography 18931  
 Oceans 18925  
 Oocytes 18887  
 Organic carbon 18965  
 Organic matter 19044  
 Organic wastes 18924  
 Oxbow lakes 19002  
 Oyster culture 18878  
 Parasites 18870, 18882, 18883, 18893  
 Pathogens 18859  
 Pearl culture 19007  
 Pearl oysters 18913, 18956  
 Pelagic fisheries 18919  
 Pellet feeds 18863  
 Percoid fisheries 18904  
 Pests 18896  
 Phenotypic variations 18850  
 Phosphates 19036, 19044  
 Phosphorus 18957  
 Photochemistry 18894  
 Phylogeny 19018  
 Physiology 19035  
 Phytoplankton 18860, 18992, 18995  
 Plankton 18981  
 Policies 18877  
 Pollution 18893  
 Pollution control 18925, 18926  
 Pollution monitoring 18894, 18924  
 Pond culture 18987  
 Ponds 18884, 18918, 18965, 18979, 19033, 19044  
 Population dynamics 18916, 18944  
 Population genetics 18954, 18989  
 Population number 18958  
 Population structure 18970, 18985  
 Pore water 19006  
 Postharvest technology 18971  
 Poverty 18876, 18946  
 Prawn culture 18862, 19016  
 Predation 18911  
 Prediction 18900  
 Pricing 18935, 19034  
 Primary production 18860  
 Privatization 18876  
 Products 18946  
 Project evaluation 18986  
 Proteins 18866, 18954  
 Rare species 19023  
 Recirculating systems 18863  
 Recruitment 18905, 18948  
 Reef fish 18915, 19048  
 Reef fisheries 18911, 18985, 19012  
 Refuges 18958  
 Remote sensing 18916, 19015  
 Reproduction 18850, 19022  
 Reproductive cycle 18888  
 Reservoir fisheries 18870, 18947, 18952, 18955  
 Reservoirs (water) 18860  
 Resource conservation 18898, 18988  
 Resource development 18876, 18877, 18988, 18990, 19048  
 Resource management 18873, 18890, 18925, 18959, 18960, 19014  
 Resource surveys 19048  
 Rice 18896  
 Rice fields 18973  
 Ricks 18924  
 River fisheries 18880, 18949  
 Rivers 18880, 19036  
 Rural development 19002  
 Salinity 18886, 18912, 19000  
 Salmon fisheries 18898  
 Satellite sensing 18858  
 Scouring 18994  
 Sea base culture 18865, 18907  
 Sea bass fisheries 18927  
 Sea cucumber 18888, 18945, 18970, 19030, 19031, 19032, 19033, 19034, 19037  
 Sea grass 18871, 18872, 18957, 19006, 19048  
 Sea water 19010, 19017  
 Seafood 18868  
 Seasonal variations 18983  
 Seaweed culture 18976, 18987  
 Seaweeds 19048  
 Sediments 18889, 19036  
 Seed (aquaculture) 19042  
 Sex characters 18915  
 Sex reversal 18887  
 Sexual maturity 18918  
 Sexual reproduction 19031  
 Shelf seas 18921  
 Shellfish 19028  
 Shore protection 18873  
 Shrimp culture 18979, 18987, 18990, 18993, 19010, 19014, 19039, 19040  
 Shrimp fisheries 18880, 18885, 18901, 18903, 18905, 18909, 18983  
 Shrimp spoilage 18868  
 Small scale aquaculture 18937  
 Small scale fisheries 18941  
 Social policies 18929  
 Socioeconomics 18947, 18960, 18987, 19012, 19048  
 Sociological aspects 18931  
 Soils 18965  
 Soybean meal 18907  
 Spawning 19039  
 Species 18861, 18871, 18872, 18939, 18940, 18944, 18945, 18946, 18964, 18974, 19020, 19037, 19043  
 Species diversity 18923, 18931, 18995, 18998, 18999  
 Statistics 19028  
 Stock assessment 18906, 18956  
 Stocking 18856, 18962  
 Stocks 18875, 18920  
 Strain 18887  
 Survival 18866, 18886  
 Sustainability 18853, 18877, 18933, 19024  
 Sustainable aquaculture 18936, 18938  
 Sustainable development 18987  
 Sustainable fisheries 18946, 18971  
 Sustainable management 18945  
 Synonymy 18978  
 Tanks 18878, 18886, 19033  
 Taxonomy 18940, 18945, 18974, 18978  
 Temperature 18868, 18913, 18977, 19000  
 Tides 19000  
 Tilapia 18850, 18863, 18879, 18887, 18895, 18952, 19027, 19029, 19049  
 Toxicity 18862  
 Toxicology 18924  
 Trace elements 18967  
 Trawling 18855  
 Tropical zones 19015  
 Tropics 18874, 18880, 18910, 18918, 18942, 18943, 18957, 18961, 18984, 19032, 19036  
 Tuna fisheries 18906, 19035  
 Typology 18851  
 UNDP 19001  
 Utilization 19014  
 Variability 18904  
 Vertical migrations 18857  
 Vitamin C 19004  
 Vitamin E 19004  
 Water quality 19015  
 Wetlands 18873  
 Women 19002  
 Yield 18955  
 Zeolites 19041  
 Zoning 18910  
 Zooplankton 18857

## Taxonomic Index

(Please note that some of the names used in the articles are synonyms. To find all references for a certain species you have to search under the valid name and possible synonyms)

- Acanthaster planci* 18911  
*Acartia clausi* 18857  
*Acaudina molpadioides* 19037  
*Acropora* 18964  
*Acropora aspera* 18894  
*Actinopyga echinites* 19037  
*Actinopyga mauritiana* 19030, 19037  
*Actinopyga miliaris* 19037  
*Amblypharyngodon melleitinus* 18870  
*Apogonidae* 18939  
*Artemia* 18865  
*Avicennia marina* 18980, 18981, 18984  
*Babylonia areolata* 18866  
*Balanus amphitrite* 18977  
*Bidymanus bidyanus* 18951  
*Bohadschia* 19037  
*Bohadschia marmorata* 19037  
*Brachionus plicatilis* 18865  
*Caranx sexfasciatus* 18991  
*Channa striatus* 19042  
*Clarias* 18928  
*Clarias gariepinus* 18886, 18917  
*Clariidae* 19005  
*Crassostrea gigas* 18878  
*Cymodocea rotundata* 18871  
*Cymodocea serrulata* 18871  
*Dicentrarchus labrax* 18865  
*Edwardsiella tarda* 18869  
*Enhalus acoroides* 18871, 18872

# INFORMATION

*Selected Taxonomic Index continued*

*Epinephelus lanceolatus* 18991  
*Fenneropenaeus indicus* 18885  
*Gracilaria chilensis* 18878  
*Halodule pinifolia* 18871  
*Halodule uninervis* 18871  
*Halophila decipiens* 18872  
*Halophila ovalis* 18871, 18872  
*Heterobranchus* 18928  
*Heterobranchus longifilis* 18918  
*Holothurais scabra* 19033  
*Holothuria* 18945  
*Holothuria fuscogilva* 19030  
*Holothuria nobilis* 19030  
*Holothuria scabra* 18888, 18970, 19030  
*Holothurians* 19032, 19037  
*Ictaluridae* 19005  
*Isacia conteptionis* 18878  
*Johnius dussumieri* 19045  
*Johnius macrorhynchus* 19045  
*Johnius sina* 19045  
*Johnius vogleri* 19045  
*Kappaphycus alvarezii* 18976  
*Labridae* 19020  
*Lates calcarifer* 18907, 18927  
*Leiognathidae* 18883  
*Ligula intestinalis* 18870  
*Loxechinus albus* 18878  
*Lutjanus johni* 18904  
*Macrobrachium rosenbergii* 18862  
*Microspathodon chrysurus* 18915  
*Nitzschia* 18995  
*Noctiluca scintillans* 18867  
*Oncorhynchus mykiss* 18951  
*Ophioblennius* 18985  
*Oreochromis* 18879  
*Oreochromis alcalicus* 19049  
*Oreochromis niloticus* 18850, 18863, 18887, 19027  
*Otolithes cuvieri* 19045  
*Pampus argenteus* 19022  
*Pangasidae* 19005, 19018  
*Pangasius macronema* 18864  
*Penaeus* 18979  
*Penaeus indicus* 19016  
*Penaeus merguensis* 18905  
*Penaeus monodon* 18885, 18909, 19039, 19040  
*Pennahia macrophthalamus* 19045  
*Perna viridis* 18914  
*Pinctada imbricata* 19007  
*Pinctada margaritifera* 18913, 18956  
*Pinctada maxima* 18913  
*Plumatella mukaii* 18861  
*Pomacea canaliculata* 18896  
*Protonibea diacanthus* 18991  
*Pseudodiaptomus hessei* 18857  
*Pterocryptis* 18974  
*Rachycentron canadus* 18991  
*Rhizophora* 18981, 18983  
*Rhizophora apiculata* 18980, 18984  
*Scaridae* 19020  
*Scomber japonicus* 18902  
*Serranidae* 18882  
*Skeletonema costatum* 18912  
*Sihenoteuthis oualantiensis* 18930  
*Stichopus chloronotus* 19031  
*Stichopus varigatus* 19037  
*Stylophora pistillata* 18894

*Synapta maculata* 19037  
*Syringodium isoetifolium* 18871, 18957  
*Telmatochromis* 18978  
*Temnaloa ilisha* 18954  
*Terapon plumbeus* 19021  
*Thalassia hemprichii* 18871, 19006  
*Thalassodendron ciliatum* 19006  
*Thelenota ananas* 19037  
*Trachinotus blochii* 18991  
*Tridacna* 18881, 19008  
*Tridacna maxima* 18958  
*Tridacnidae* 18962  
*Tursiops truncatus* 18967  
*Vibrio parahaemolyticus* 18868  
*Zostera capensis* 19006

## Geographic Index

Africa, South 18877, 18944  
 Africa, Tanganyika L. 18978  
 Africa, West 18876  
 Amazon 18953  
 Arabian Sea 18867  
 Asia 18861, 18891, 18979, 19017, 19019, 19026, 19034  
 Asia, east 18925  
 Australia 18951, 19035  
 Australia, Gulf of Carpentaria 18992  
 Bangladesh 18899, 18935, 18936, 18937, 18938, 18949, 18950, 18954, 18973, 19002  
 Benguela Current 18921  
 Brazil 18860, 18874, 18968, 19010  
 Brunei 19014  
 Cambodia 19014  
 Caribbean 18915, 18916  
 China 19007  
 East Pacific 18975  
 Ecuador 18902, 19029  
 Europe 19025  
 Fiji 18963  
 French Polynesia 18956  
 Great Barrier Reef 18889  
 Greece 19043  
 Guadeloupe 18880  
 Hawaii 18852, 18854  
 India 18885, 18898, 18912, 18933, 18971, 18981, 18982, 18983, 19037, 19038, 19040, 19042, 19045  
 Indo-Pacific 18939  
 Indonesia 18892, 18964, 18986, 19014  
 Ivory Coast 18850, 18857  
 Jamaica 18960, 19012  
 Japan 18896, 19014, 19025  
 Kenya, Lake Magadi 19049  
 Kuwait 19022  
 Lao, People's Dem. Rep. 18940  
 Malacca Straits 18926, 18931  
 Malaysia 18903, 18904, 18908, 18929, 18945, 19014  
 Malaysia, Sabah 18906  
 Malaysia, Sarawak 18905, 18906  
 Mauritania 18919  
 Mekong R. 18864  
 Mexico Gulf 19009  
 Morocco 19044  
 Mozambique 19000, 19006  
 Myanmar 19014

New England 18875  
 New Zealand 19023  
 Nigeria 18884  
 Pacific Ocean I. 19008  
 Pakistan 19001  
 Papua New Guinea 19034  
 Philippines 18881, 18882, 18883, 18897, 18959, 18988, 19003, 19014, 19021, 19048  
 Reunion I. 19031  
 Samoa 18958  
 Senegal 18873  
 Seychelles 18941  
 Sierra Leone 18901  
 Singapore 18858, 18914, 18991  
 Solomon Islands 18962, 18970  
 Southeast Asia 19018  
 South Africa 18890, 18923, 18948, 18999  
 South America 18861  
 South China Sea 18906, 18930, 18967  
 Southeast Asia 18987, 19005, 19014  
 Sri Lanka 18870, 18895, 18947, 18955  
 Taiwan 19025, 19035  
 Thailand 18871, 18872, 18932, 18990, 18993, 18995, 18996, 18998, 19011, 19014  
 Torres Strait 19030  
 Tunisia 18851  
 Uganda 19046  
 USA 19025  
 Venezuela 19036  
 Vietnam 18952, 18974, 19014, 19033

## Selected Websites

### A-1 aquaculture

<http://www.a1aquaculture.com/> This is the site to discover that there is a better way for aquaculture filtration, solids removal, nitrification, air stripping, and degassing.

### The ACP-EU Fisheries Research Initiative

<http://europa.eu.int/comm/development/research/0intr-en.htm> Its overall goal is to contribute to sustainable benefits from aquatic resource systems to stake holders through enhanced cost-effectiveness and impact of ACP-EU co-operation in the fisheries sector.

### Aquaculture system at Cornell University, NY

<http://ag.arizona.edu/azaqua/cornell.txt>  
 A closed system with tilapia and plants in New York.

### Arizona aquaculture

<http://ag.arizona.edu/azaqua/>  
 This Web page provides access to information about aquaculture in Arizona, the United States and around the world, through access to Internet resources.

### Asian Aquatic Resources

<http://www.agri-aqua.ait.ac.th/>  
 Asian Institute of Technology is one of the major centers of aquaculture R&D in Southeast Asia, based near Bangkok, Thailand.

### EU-ACP Cooperation: Fisheries Cooperation with

### developing countries

<http://europa.eu.int/comm/development/sector/fish.htm>

Its guiding principle is to contribute to sustainable benefits for sector stake holders in developing countries without further degradation of the natural environment. Collaboration and coordination takes place with various Commission services, with EU Member States, institutions and individuals in both industrialised and developing countries.

### European Commission Fisheries Policy

[http://europa.eu.int/comm/fisheries/policy\\_en.htm](http://europa.eu.int/comm/fisheries/policy_en.htm)

Responsible for the Common Fisheries Policy, which covers all fishing activities, the farming of living aquatic resources, and their processing and marketing.

### HACCP Information

<http://www-seafood.ucdavis.edu/haccp/ha.htm> Hazard Analysis at Critical Control Points, the new rules on fish processing.

### Placing Fisheries Resources in Their Ecosystem Context : Cooperation, Comparisons, and Human Impact (Ecopath)

<http://europa.eu.int/comm/development/research/ecopath/placing.htm>

An INCO-DC funded Concerted Action started 1. September 1997 with a planned duration of four years. It involves a total of 31 institutions in West- and South-Africa, Latin America and Europe. The action is coordinated by the North Sea Centre, Denmark. The Concerted Action will link researchers in Europe, Africa, the Caribbean and Latin America working with mass-balance models of marine ecosystems through open, voluntary and proactive cooperation. It was initiated due to a growing interest in developing countries for relatively simple trophic, mass-balance models, which offers an avenue to multispecies management.

A methodology and a non-commercial software, Ecopath for Windows, primarily designed for construction of mass-balance models has been developed at the International Center for Living Aquatic Resources Management, ICLARM based on initial work by Dr. J. Polovina at the South West Fisheries Center, Hawaii, USA. Ecopath, has been widely distributed since 1990 (450+ registered users in 74 countries), and a large number (60+) of models of aquatic ecosystems have been developed and published.

### Population dynamics in Benthic Invertebrates - A virtual handbook by Tom Brey

<http://www.awi-bremerhaven.de/Benthic/Ecosystem/FoodWeb/Handbook/main.html>

A compilation of the state-of-the-art tools for the analysis of population dynamics (growth, mortality, production, consumption, assimilation, respiration) in benthic invertebrates. The handbook deals with the models used to describe population processes, the analytical tools used to apply these models to data, and the data required for using these tools.

### Lake Victoria Research, East Africa

<http://www.biology.lsa.umich.edu/~gwk/research/victoria.html>

A joint project of the Government of Uganda (Fisheries Research Institute, NARO) and the University of Michigan (U.S. National Science Foundation). Its overall goal is to determine the rates, variance, and magnitude of critical controls in a tropical environment, in order to solidify or refute current ecosystem theories. In achieving this goal it will discover what governs the Lake Victoria ecosystem and its response to past and impending changes brought on by eutrophication, climate shifts, and introduced species.

### Marine Protected Areas of the United States

<http://mpa.gov/>

This web site provides information on marine protected areas (MPAs) as required by Executive Order 13158.

### Marine Stewardship Council

<http://www.msc.org>

An independent, global, non-profit organisation based in London. In a bid to reverse the continued decline in the world's fisheries, the MSC is seeking to harness consumer purchasing power to generate change and promote environmentally responsible stewardship of the world's most important renewable food source.

### Ministry of Fisheries & Cooperatives, Mauritius

<http://ncb.intnet.mu/fish/index.htm>

The Ministry acts as a facilitator in providing the necessary support to the development of the fishing industry and the cooperatives sector. For fisheries, the Ministry ensures that the fisheries resources are managed and exploited at sustainable level so that optimum socio-economic benefits are derived while protecting the marine environment.

### National Estuarine Research Reserve System

<http://www.ocrm.nos.noaa.gov/nerr/welcome.html>

The National Estuarine Research Reserves System helps to fulfill NOAA's stewardship mission to sustain healthy coasts by improving the nation's understanding and stewardship of estuaries. Established by the Coastal Zone Management Act of 1972, as amended, the reserve system is a network of 25 protected areas that represent different biogeographic regions of the United States.

### Northeast Fisheries Science Center

<http://www.nefsc.nmfs.gov/>

A research arm of NOAA Fisheries in the region. The Center plans, develops, and manages a multidisciplinary program of basic and applied research to: (1) better understand living marine resources of the Northeast Continental Shelf Ecosystem from the Gulf of Maine to Cape Hatteras, and the habitat quality essential for their existence and continued productivity; and (2) describe and provide to management, industry, and the public, options for the conservation and utilization of living marine resources, and for the restoration and maintenance of marine environmental quality.

### Responsible Fisheries in the Marine Ecosystem

<http://www.refisheries2001.org/>

The Reykjavik Conference on Responsible Fisheries in the Marine Ecosystem, October 1 - 4, 2001, Reykjavik, Iceland. Organised jointly by the

Government of Iceland and the Food and Agriculture Organization of the United Nations and with the co-sponsorship of the Government of Norway. Presentations at the scientific symposium, speeches, and the sustainable developments summary report of the conference have been placed on this website.

### The Cichlid Fishes of Lake Malawi, Africa

<http://malawicichlids.com/index.htm>

This is a scientifically oriented, noncommercial site devoted to a fascinating trove of tropical biodiversity - both the largest lake-fish fauna and the largest vertebrate species flock on earth - the cichlids of southeastern Africa's Lake Malawi.

### Sea cucumbers

<http://www.spc.org.nc/Coastfish/News/bdm/10/10Abstracts.htm>

Abstracts and noteworthy publications on sea cucumbers.

### Stirling University, Scotland

<http://www.stir.ac.uk/Departments/NaturalSciences/Aquaculture/>

Stirling is one of the best aquaculture programs in Europe, with expertise in cold water and warm water aquaculture.

### United Nations Environment Programme (UNEP)

<http://www.unep.org/about.asp>

UNEP, established in 1972, works to encourage sustainable development through sound environmental practices everywhere. Its activities cover a wide range of issues, from atmosphere and terrestrial ecosystems, the promotion of environmental science and information, to an early warning and emergency response capacity to deal with environmental disasters and emergencies.

### USDA Aquaculture Reports

<http://www.msstate.edu/dept/srac/electron.htm>

Electronic access to USDA aquaculture reports.

### World Atlas of Coral Reefs

<http://www.unep-wcmc.org/index.html>

Since 1993, UNEP-WCMC (United Nations Environment Programme - World Conservation Monitoring Centre) has been developing the most detailed global map of coral reefs. This information represents a critical part of the increasing information base now available describing coral reefs world-wide.

### World Bank

<http://lnweb18.worldbank.org/essd/essd.nsf/Fisheries/Home>

Link to World Bank's fisheries and aquaculture page.

### Year 2000 FAO Aquaculture Report with Statistics

<http://www.fao.org/docrep/003/x8002e/x8002e00.htm>

This is the third issue of *The State of World Fisheries and Aquaculture*. It follows the pattern set by the previous issues, published in 1996 and 1998. The purpose continues to be to provide policy-makers, civil society and those who derive their livelihood from the sector a comprehensive, objective and global view of capture fisheries and aquaculture, including associated policy issues.