

Dr. John Leslie Munro

**List of [REDACTED]
Publications and [REDACTED]
Reports [REDACTED]**



Dr. John Leslie Munro
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March 1983 - February 2003





John Munro: Contributions to Coral Reef Fisheries Science

John Munro has contributed to our understanding of coral reef fisheries resources, and how to manage them, in an extra-ordinary way. His contributions began when he introduced fisheries science to the small-scale coral reef fisheries of the developing island states of the Caribbean in 8 years. This was truly groundbreaking work, and John is widely regarded as the “father of tropical fish stock assessment” for the research he did there.

The Pacific Islands were the next to benefit from John’s experience and commitment to help coastal communities in developing countries. In addition to training many young scientists at the University of Papua New Guinea in the management of inshore fisheries resources, he played a major role in alerting the region to the plight of giant clams.

John then joined the WorldFish Center (or the International Center for Living Aquatic Resources Management as it was known then) and, for the past 20 years has led programs, projects and initiatives to improve the well-being of coastal people who depend on fish for their livelihood. His work with us began with the launching of efforts in the Pacific and Southeast Asia to restore severely depleted stocks of the largest giant clam, *Tridacna gigas*, in collaboration with scientists from Australia, the Philippines and Micronesia. As part of this initiative, John established our facilities in Solomon Islands. While there, he also secured the first funding to start the work we have since been doing on farming pearl oysters and restocking sea cucumbers. John then moved to the Center’s previous headquarters in Manila where he supervised more than 20 research projects on coastal resources.

In 1996, John returned to his first love – solid scientific work in the field, this time back in the Caribbean, where he set up our regional office and focused on the role of marine protected areas, improved management of trap fisheries and the potential for adding value to spiny lobster fisheries through the capture and culture of peurulus larvae.

The range of issues that John has investigated in an effort to provide benefits to coral reef resources users in the developing world is unparalleled. It is with much pleasure and appreciation that the WorldFish Center produces this list of his published scientific papers and reports, and those currently in preparation, which together span 35 years of research on fisheries and aquaculture in tropical seas. I commend these valuable contributions to all those interested in learning more about the biology and management of our fragile, valuable coral reef resources.

Please note that the publications in the list marked with a location code are available in the WorldFish Library collection. Requests for them should be forwarded to our librarian (email: worldfish-library@cgiar.org).

Meryl J. Williams
Director General

John Munro

List of Publications and Reports

2003

- 1 Bell, J. D.; Rothlisberg, P.; Munro, J. L.; Loneragan, N.; Andrew, N.; Grant, S.; Nash, W. (2003). **Restocking and stock enhancement of marine invertebrates.** In preparation.
- 2 Munro, J. L.; Sary, Z. (2003). **Assessment of the fisheries of Discovery Bay and adjacent areas in Jamaica.** In preparation.
- 3 Munro, J. L. (2003). **Growth and mortality rates of coral reef fish in Jamaica based on mark-and-recapture and length-frequency data.** In preparation.
- 4 Munro, J. L.; Power, R. M. (2003). **Seasonality and variability of recruitment and changes in the relative abundance of reef fish following creation of the Discovery Bay Fishery Reserve in Jamaica.** In preparation.
- 5 Sary, Z.; Munro, J. L.; Williams, I. (2003). **Escape gaps in Antillean fish traps: an experimental test of their effectiveness.** In preparation.
- 6 Watson, M.; Munro, J. L. (2003). **Settlement and recruitment of coral reef fishes in moderately exploited and overexploited Caribbean coral reef ecosystems: implications for Marine Protected Area.** In preparation (In review for Bulletin of Marine Science)
- 7 Watson, M.; Munro, J. L. (2003). **Settlement hotspots and recruitment failure - ingredients and rationale for coral reef fisheries management through marine protected areas: an Eastern Caribbean example.** In preparation (For submission to Environmental Biology of Fishes)

2002

- 8 Sponaugle, S.; Cowen, R.K.; Shanks, A.; Morgan, S.G.; Leis, J.M.; Pineda, J.; Boehlert, G.W.; Kingsford, M.J.; Lindeman, K.C.; Grimes, C.; Munro, J.L. (2002). **Predicting self-recruitment in marine populations: biophysical correlates and mechanisms.** Bull. Mar. Sci. 70(1) Suppl.: 341-375.

Marine organisms// Recruitment// Population characteristics

- 9 Watson, M.; Power, R.; Simpson, S.; Munro, J.L. (2002). **Low cost light traps for coral reef fishery research and sustainable ornamental fisheries.** NAGA 25(2): 4-7.

Reef fish// Ornamental fish// Light// Equipment// Design

- 10 Watson, M.; Munro, J.L.; Gell, F.R. (2002). **Settlement, movement and early juvenile mortality of the yellowtail snapper *Ocyurus chrysurus*.** Mar. Ecol. Prog. Ser. 237: 247-256. (Location code: R 2002-36.)

Coral reefs// Census// Percoid fisheries // *Ocyurus chrysurus* // British Virgin I

2001

- 11 Munro, J. L.; Sary, Z.; Gell, F. R. (2001). **Escape gaps: an option for the management of Caribbean trap fisheries.** Proc. Gulf. Caribb. Fish. Inst. 54. In press.

- 12 Munro, J.L. (2001). **Sustainable management of coral reefs in the Caribbean Sea.** Trinidad and Tobago, West Indies. CLAWRENET of PROCICARIBE. Land and water resources in the Caribbean: proceedings of a conference held 2-4 October 2000 at Accra Beach Hotel, Barbados. p. 179-197. (Location code: S494.5 S86P38.)

Coral reefs// Sustainability // Caribbean Sea

- 13 Sary, Z.; Munro, J. L.; Woodley, J. D. (2001). **Status report on a Jamaican reef fishery: current value and the costs of non-management.** Proc. Gulf Caribb. Fish. Inst. 54. In press.

2000

- 14 Munro, J. L. (2000). **Outmigration and movement of tagged coral reef fish in a marine fishery reserve in Jamaica.** Proc. Gulf Caribb. Fish. Inst. 51: 557-568.

- 15 Watson, M.; Power, L.; Munro, J. L. (2000). **Use of light attracted zooplankton for rearing post-settlement coral reef fish.** Proc. Gulf Caribb. Fish. Inst. 52: 340-351.

1999

- 16 Munro, J. L.; Watson, M. (1999). **Carribbean marine protected areas project: the role of marine protected areas in fisheries management and biodiversity conservation in coral reef ecosystems: Phase 1.** ICLARM Tech. Rep. to United Kingdom Department for International Development, 48 p.
- 17 Munro, J. L. (1999). **Effects of fishing on coral reef ecosystems.** In P.J. Schei, O.T. Sandlund and R. Strand (eds.). Proc.Norway / UN Conference on the Ecosystem Approach to Sustainable Use of Biological Diversity. Norwegian Directorate for Nature Management and Norwegian Institute for Nature Research, Trondheim, 1999. 282 p.
- 18 Munro, J. L. (1999). **Marine protected areas and the management of coral reef fisheries.** ICLARM Tech. Rep. to Inter-American Development Bank, 41 p.
- 19 Munro, J. L. (1999). **Utilization of coastal molluscan resources in the tropical insular Pacific and its impacts on biodiversity.** Proc. Workshop on Marine and Coastal Biodiversity in the Tropical Island Pacific Region: Population, Development and Conservation Priorities. Pacific Science Association, Honolulu. 1995, 2: 127-144.

1998

- 20 Munro, J. L. (1998). **Comment on the paper by J.B.C. Jackson: reefs since Columbus.** (Coral Reefs, Supplement to Vol. 16: S23-S32) Coral Reefs 17: 191-192.
- 21 Munro, J. L. (1998). **Economic significance: fisheries and mariculture.** In P.L. Beasley, G.J.B. Ross and A. Wells (eds.). Mollusca: the Southern Synthesis. Fauna of Australia. Vol. 5. CSIRO Publishing: Melbourne. Part A, p. 72-77.

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- 22 Munro, J.L.; Polunin, N.V.C. (1997). **A decade of progress in coral reef fisheries research: 1986-1995.** Balboa, Panama. Smithsonian Tropical Research Institute. Proceedings of the 8th International Coral Reef Symposium, Panama, June 24-29, 1996, Volume 2: 2003-2008. (Location code: QH95.8 I56 1996 v.2.)

Coral reefs// Reef fisheries// Literature reviews// ICLARM Contrib. No. 1305

- 23 Munro, J.L.; Bell, J.D. (1997). **Enhancement of marine fisheries resources**. Rev. Fish. Sci. 5(2): 185-222. (Location code: R 99-135.)

Recruitment// Overfishing// Stocking (Organisms)// Fishery management// Stock assessment// Demersal fisheries// ICLARM Contrib. No. 1160

- 24 Munro, J.L. (1997). **ICLARM's research on coral reef resource systems**. ICLARM Conf. Proc. (50): 13-14. (Location code: SH207 CP6 #50.)

Coral reefs// Reef fisheries// Fishery resources// Resource management// Research programmes// ICLARM// ICLARM Contrib. No. 1281

1996

- 25 Arreguin-Sanchez, F.; Munro, J.L.; Balgos, M.C.; Pauly, D. (1996). **Biology, fisheries and culture of tropical groupers and snappers**. ICLARM Conf. Proc. (48): 449p. International Center for Living Aquatic Resources Management; Program of Ecology, Fisheries and Oceanography of the Gulf of Mexico; "Proceedings of an EPOMEX/ICLARM International Workshop..." (Location code: SH207 CP6 #48.)

Percoid fisheries// Fishery biology// Fishery management// Conferences// ICLARM Contrib. No. 1323

- 26 Munro, J. L. (1996). **Fish genetic resources and the Coastal Aquaculture Centre**. In R.S.V. Pullin and C.M.V. Casal (eds.). Consultation on fish genetic resources. ICLARM Conf. Proc. (51): 17-18. (Location code: SH207 CP6 #51.)

- 27 Munro, J.L. (1996). **The scope of tropical reef fisheries and their management**. London. Chapman Hall. Reef fisheries. p. 1-14. (Location code: SH321 P64 1996.)

Reef fisheries// Fishery management// Tropics// ICLARM Contrib No.

1995

- 28 Munro, J. L. (1995). **Alternative strategies for coastal fisheries rehabilitation**. In J. L. Munro and M. C. Balgos (eds.). Artificial reefs in the Philippines. ICLARM Conf. Proc. (49): 42-51. (Location code: SH207 CP6 #49.)

- 29 Munro, J.L.; Balgos, M.C. (eds.) (1995). **Artificial reefs in the Philippines**. ICLARM Conf. Proc. (49): 56p. (Location code: SH207 CP6 #49.)

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- 30 Munro, J. L. (1995). **Biological data requirements**. Proc. SPC/FFA Workshop on Pacific Nearshore Marine Resources. In press.

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- 32 Munro, J. L. (1994). **Fisheries for spiny lobster in the tropical Indo-west Pacific**. Oxfords. Blackwells. In B. F. Phillips, J. S. Cobb and J. Kittaka (eds.). Spiny lobster management. 550 p.
- 33 Munro, J.L.; Munro, P.E. (eds.) (1994). **The management of coral reef resource systems**. ICLARM Conf. Proc. (44): 124p. (Location code: SH207 CP6 #44.)
Coral reefs// Resource management// Conferences// ICLARM Contrib. No. 1061
- 34 Munro, J. L. (1994). **Prospects for aquaculture in coral reef environments**. In J. L. Munro and P. E. Munro (eds.). The management of coral reef resource systems. ICLARM Conf. Proc. (44): 97-98. (Location code: SH207 CP6 #44.)

1993

- 35 Munro, J.L.; Fakahan, S.T. (1993). **Appraisal, assessment and monitoring of small-scale coastal fisheries in the South Pacific region**. Suva, Fiji. Institute of Pacific Studies, University of the South Pacific. In Nearshore marine resources of the South Pacific: information for fisheries development and management. p. 15-53. (Location code: SH319 A2W74 1993.)
Stock assessment// Coastal fisheries// Small scale fisheries// Fishery management// ICLARM Contrib. No. 785 // South Pacific
- 36 Munro, J.L. (1993). **Aquaculture development and environmental issues in the tropical Pacific**. ICLARM Conf. Proc. (31): 125-138. (Location code: SH207 CP6 #31.)
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- 37 Munro, J.L. (1993). **Giant clams**. Suva, Fiji. Institute of Pacific Studies, University of the South Pacific. In A. Wright and L. Hill (eds.) Nearshore marine resources of the South Pacific: information for fisheries development and management. p. 431-449. (Location code: SH319 A2W74 1993.)

Fishery biology// Fishery development// Fishery management// Clam fisheries// ICLARM Contrib. No. 787 // *Tridacna*// *Hippopus* // South Pacific

- 38 Munro, J. L.; Gilkes, L. A.; Gervis, M. H.; Hambrey, J. B. (1993). **Growth and survival of giant clam spat in floating ocean nurseries.** In W. K. Fitt (ed.) *Biology and mariculture of giant clams.* ACIAR Proc. 47, Canberra. p. 61-66.
- 39 Munro, J.L.; Fakahau, S.T. (1993). **Management of coastal fishery resources.** Suva, Fiji. Institute of Pacific Studies, University of the South Pacific. In *Nearshore marine resources of the South Pacific: information for fisheries development and management.* p. 54-72. (Location code: SH319 A2W74 1993.)
- Fishery management// Fishery resources// Coastal fisheries// ICLARM Contrib. No. 786
- 40 Munro, J. L. (1993). **Strategies for re-establishment of wild giant clam stocks.** In P. E. Munro. (ed.) *Genetic aspects of the conservation and cultivation of giant clams.* ICLARM Conf. Proc. (39): 17-21. (Location code: SH207 CP6 #39.)

1992

- 41 Munro, J.L.; Hambrey, J.B. (1992). **Floating ocean nurseries.** *Clamlines* (10): 16-21.
- Floating cages// Cage culture// Clam culture // *Tridacna*
- 42 Munro, J.L. (1992). **Growth and mortality rates and state of exploitation of spiny lobsters in Tonga.** Tech. Doc. Inshore Fish. Res. Proj. S. Pac. Comm. 1: 11-20. (Location code: SH319 A2S64 #1.)
- Growth// Mortality// Exploitation// Lobster fisheries// Fishery management// Size distribution// ICLARM Contrib. No. // *Panulirus penicillatus*// *Panulirus longipes* // Tonga

1991

- 43 Munro, J. L. (1991). **Giant clams: food for thought.** *INFOFISH* 1/91: 40-44.
- 44 Pearson, R.G.; Munro, J.L. (1991). **Growth, mortality and recruitment rates of giant clams, *Tridacna gigas* and *T. derasa*, at Michaelmas Reef, central Great Barrier Reef, Australia.** *Aust. J. Mar. Freshwat. Res.* 42(3): 241-262.

Growth// Mortality// Recruitment// Population dynamics // *Tridacna gigas*// *Tridacna derasa* // Great Barrier Reef// Australia

1990

- 45 Munro, J. L.; Iskandar; Costa-Pierce, B. (1990). **Fisheries of the Saguling Reservoir and a preliminary appraisal of management options.** In B. A. Costa Pierce and O. Soemarwoto (eds.) Reservoir fisheries and aquaculture development for resettlement in Indonesia. ICLARM Tech. Rep. 23: 285-328. (Location code: SH207 TR4 #23.)
- 46 Potter, I.; Munro, J. L.; Wright, A. (1990). **A review of research on baitfish biology in the Solomon Islands and the Maldives Islands.** A report to the Australian Centre for International Agricultural Research. 39 p.

1989

- 47 Munro, J. L. (1989). **Development of a giant clam management strategy for the Milne Bay Province: a report to the Department of Fisheries and Marine Resources of the Government of Papua New Guinea.** ICLARM South Pacific Office Rep.. 29 p. + 6 Annexes.
- 48 Munro, J. L. (1989). **An evaluation of progress of the Inshore Reef Fishery Assessment and Monitoring Project.** Report to the Government of Tonga. Joint ICLARM / South Pacific Commission Report. 25 p.
- 49 Munro, J. L. (1989). **Fisheries for giant clams (*Tridacnidae: Bivalvia*) and prospects for stock enhancement.** New York. John Wiley & Sons. In J. F. Caddy (ed.). Scientific approaches to the management of shellfish resources. p. 541-558.
- 50 Munro, J.L.; Gervis, C.M.T. (1989). **Giant clam bibliography: 1985-1989.** Clamlines (7): 4-12.

Clam fisheries// Bibliographies // *Tridacna*

1988

- 51 Munro, J.L.; Fakahau, S.T. (1988). **A cost-effective approach to stock assessment and monitoring of small-scale fisheries in the South Pacific Region.** 18 p. ; SPC/Inshore Fish. Res./BP.53. (Location code: SH1 S596.1988 v.3.)

Stock assessment// Fishery management// Small scale fisheries// Coastal fisheries// ICLARM publications // South Pacific

- 52 Munro, J.L. (1988). **Growth and mortality rates and state of exploitation of spiny lobsters in Tonga.** 34 p. SPC/Inshore Fish. Res./BP.51. (Location code: SH1 S596.1988 v.2.)

Lobster fisheries// Growth// Mortality// Exploitation// ICLARM publications // Panulirus penicillatus// Panulirus longipes // Tonga

- 53 Munro, J. L. (1988). **Growth, mortality and potential aquaculture production in *Tridacna gigas* and *T. derasa*.** In J. W. Copland and J. S. Lucas (eds.). Giant clams in Asia and the Pacific. ACIAR Monogr. 9: 218-220.

- 54 Munro, J.L.; Fakahau, S.T. (1988). **Management of coastal fishery resources in the South Pacific Region.** 21 p. ; SPC/Inshore Fish. Res./BP.52. (Location code: SH1 S596.1988 v.2.)

Fishery resources// Coastal fisheries// Fishery management// ICLARM publications // South Pacific

- 55 Munro, J. L. (1988). **Status of giant clams stocks in the Central Gilbert Islands group Republic of Kiribati.** South Pacific Commission Workshop on Inshore Fishery Resources, Background Paper 54: 13 p.

- 56 Usher, G. F.; Munro, J. L. (1988). **ICLARM coastal aquaculture centre: current facilities and progress.** In J. W. Copland and J. S. Lucas (eds.). Giant clams in Asia and the Pacific. ACIAR Monograph 9: 218-220.

1987

- 57 Crawford, C. C.; Lucas, J. S.; Munro, J. L. (1987). **The mariculture of giant clams.** Interdisciplinary Science Reviews 12: 333-340.

- 58 Munro, J. L.; Parrish, J. D; Talbot, F. H. (1987). **The biological effects of intensive fishing upon coral reef communities.** In B. Salvat (ed). Human impacts on coral reefs: facts and recommendations. Antennee Museum E. P. H. E., French Polynesia. 253 p.

- 59 Munro, J. L. (1987). **Implementation of a cost-effective data acquisition system for the assessment and management of the shelf fisheries of Tongatapu.** ICLARM South Pacific Office Report to the Fisheries Division, Kingdom of Tonga on work executed on behalf of the Forum Fisheries Agency. 7 p. + Annexes 56 p.

- 60 Munro, J. L. (1987). **Marine fishery resources of the Philippines: catches and**

potentials. In D. Pauly, J. Saeger and G. Silvestre (eds.). Resources, management and socio-economics of Philippine marine fisheries. Univ. Philippines, Dep. Mar. Fish., Tech. Rep. 10: 217 p.

- 61 Munro, J. L.; Fakahau, S. T. (1987). **Monitoring and management of coastal fishery resources in the South Pacific Region.** Report to the South Pacific Forum Fisheries Agency. ICLARM South Pacific Office Rep. 33 p.
- 62 Munro, J. L. (1987). **Workshop synthesis and directions for future research.** In J. J. Polovina and S. Ralston (eds.). Biology and fishery management of tropical snappers and groupers. Westview Press Inc., Boulder, Colorado. p. 639-659.
- 63 O'Sullivan, D.; Munro, J.L. (1987). **Status of tropical aquaculture in Australia.** AustAsia Aquacult. Mag. 2 (1): 9-2.

Warm-water aquaculture // Australia

1986

- 64 Munro, J. L. (1986). **Methods for appraisal and assessment of coastal fishery resources in the South Pacific Region.** Report to the South Pacific Forum Fisheries Agency, Honiara, Solomon Islands. ICLARM South Pacific Office Rep. 41 p.
- 65 Munro, J. L. (1986). **Status of giant clams stocks and prospects for giant clam mariculture in the Central Gilbert Islands group, Republic of Kiribati.** Report to the Fisheries Division, Ministry of Natural Resources Development, Tarawa, Kiribati and the South Pacific Regional Fisheries Development Programme, Suva, Fiji. ICLARM South Pacific Office Rep. 37 p.
- 66 Munro, J. L. (1986). **A systems approach to stock assessment in tropical, small-scale, multispecies, multigear fisheries.** In Chan, H. H. et al. (eds.). Development and management of tropical living aquatic resources, Universiti Pertanian Malaysia, Serdang. p. 85-90.

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- 67 Munro, J. L.; Williams, D. McB. (1985). **Assessment and management of coral reef fisheries: biological, environmental and socio-economic aspects.** Proc. 5th Int. Coral Reef Congr. 4: 545-578.
- 68 Munro, J.L.; Nash, W.J. (1985). **A bibliography of the giant clams (*Bivalvia: Tridacnidae*)** . ICLARM Bibliogr. (5): 26 p. International Giant Clam Mariculture Project; At head of title: International Giant Clam Mariculture Project. (Location

code: SH207 B5 #5.)

Clam fisheries// Clam culture// Bibliographies// ICLARM Contrib. No. 267 // Tridacnidae

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- 70 Munro, J. L. (1985). **Economic and social aspects of the development of mariculture systems for giant clams (*Tridacnidae: Bivalvia*) in the Australasian region and the Western Pacific. 1. Production parameters and calculated harvests**. International Giant Clam Mariculture Project, Discussion Paper 2: 9 p.
- 71 Munro, J. L.; Smith, I. R. (1985). **Management strategies for multispecies complexes in artisanal fisheries**. Proc. Gulf. Caribb. Fish. Inst. 36: 127-141.
- 72 Munro, J. L. (1985). **Ocean nurseries for giant clams: options and problems**. International Giant Clam Mariculture Project, Discussion Paper I: 6 p.

1984

- 73 Munro, J.L.; Polovina, J.J. (1984). **Artificial Reef Project, Thailand**. 100 p. "Report of Consulting Mission, 24 November-14 December 1984" (Location code: SH206.4 M85 1984.)
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- 74 Munro, J.L.; Polovina, J.J. (1984). **Artificial reef project, Thailand**. Makati, Metro Manila. ICLARM. [100] leaves. Report of Consulting Mission, 24 November-14 December 1984; Strip bound with top plastic cover; Bibliography: leaves 82-85. (Location code: SH206.4 P7A78.)
- Artificial reefs--Thailand
- 75 Munro, J.L. (1984). **Constructional details of Antillean fish traps**. 18 p. (Location code: R 84-282.)
- Trap nets// Fishing gear
- 76 Munro, J.L. (1984). **Coral reef fisheries and world fish production**. ICLARM Newsl. 7(4): 3-4.

Coral reefs// Reef fisheries// Exploitation

- 77 Munro, J. L. (1984). **Estimation of natural mortality rates from selectivity and catch length-frequency data.** Fishbyte 2(1): 11-14.
- 78 Munro, J. L.; MacLeod, P. N.; Sperling, H. (1984). **Regional Fisheries Development Programme, South Pacific Region.** Rep. UNDP Project No. RAS/73/025, Suva, Fiji. "Report of the evaluation/ formulation mission. Mimeo."
- 79 Munro, J. L. (1984). **Report to the Caribbean Fisheries Management Council on an assessment of the fisheries of Puerto Rico and the U. S. Virgin Islands.** ICLARM South Pacific Office Rep. 10 p.
- 80 Munro, J. L. (1984). **Yields from coral reef fisheries.** Fishbyte 2(3): 13-15.
- 81 Pauly, D.; Munro, J.L. (1984). **ICLARM's activities in tropical stock assessment: 1979-1984, and beyond.** ICLARM Newsl. 7(3): 7-9.
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- 82 Pauly, D.; Munro, J. L. (1984). **Once more on the comparison of growth in fish and invertebrates.** Fishbyte 2(1): 21 p.

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- 83 Munro, J. L. (1983). **Caribbean coral reef fishery resources.** ICLARM Stud. Rev. (7): 258 p. (Location code: SH207 SR76 #7.)
- 84 Munro, J. L. (1983). **A cost effective data acquisition system for assessment management of tropical multispecies, multigear fisheries.** Fishbyte 1(1): 7-12.
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- Marine aquaculture// Clam culture// ICLARM Contrib. No. 128 // Southeast Asia Coasts
- 87 Munro, J.L.; Heslinga, G.A. (1983). **Prospects for the commercial cultivation of giant clams (*Bivalvia: Tridacnidae*)** . Proc. Gulf Caribb. Fish. Inst. 35: 122-134. (Location code: SH1 G8.1982.)

Aquaculture enterprises// Aquaculture development// Clam culture // *Tridacna gigas*// Tridacnidae // Indo-Pacific

- 88 Munro, J. L.; Pauly, D. (1983). **A simple method for comparing the growth of fishes and invertebrates**. *Fishbyte* 1(1): 5-6.
- 89 Munro, J.L. (1983). **Some advances and developments in coral reef fisheries research: 1973-1982**. Miami, Fla. GCFI. Gulf and Caribbean Fisheries Institute. Proceedings of the thirty-fifth annual... p. 161-178. (Location code: SH1 G8 1982.)

Fisheries--Research// Coral reef fisheries

- 90 Munro, J.L. (ed.) (1983). **Caribbean coral reef fishery resources**. Makati, Metro Manila. ICLARM Stud. Rev. (7): 276 p. ix, 276 p. "A second edition of 'The Biology, ecology, exploitation and management of Caribbean reef fishes: scientific report of the ODA/UWI Fisheries Ecology Research Project, 1969-1973: University of the West Indies, Jamaica" (Location code: SH207 SR76 #7.)

Reef fisheries// Coral reefs// Fishery management// Fishery biology// Fishery resources// Reef fish// ICLARM Contrib. No. 125 // Caribbean

1982

- 91 Munro, J. L. (1982). **Estimation of biological and fishery parameters in coral reef fisheries**. In D. Pauly and G. I. Murphy (eds.). *Theory and management of Tropical Fisheries*. Proc. ICLARM/CSIRO Workshop, Cronulla, Australia. January 1981. ICLARM Conf. Proc. 9: 71-81. (Location code: SH207 CP6 #9.)
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Growth

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- ICLARM// Fishery organizations// Fishery management// Fishery biology// Network of Tropical Fisheries Scientists// ICLARM Contrib. No. 120
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Fishery sciences// Training// Fishery education// ICLARM Contrib. No. 117

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- 97 Gwyther, J.; Munro, J.L. (1981). **Spawning induction and rearing of larvae of Tridacnid clams (*Bivalvia: Tridacnidae*)**. Aquaculture 24(3/4): 197-217.
- Mollusc culture// Induced breeding// Aquaculture techniques// Larval development// Growth// Larval settlement// Artificial substrata // *Tridacna maxima*
- 98 Munro, J. L.; Gwyther, J. (1981). **Growth rates and maricultural potential of tridacnid clams**. Proc. 4th Int. Coral Reef Symp. Manila, Phillipnes, May 1981. 2: 633-636.

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Subject Index

- Antillean fish trap 113
- Aquaculture development 36, 87
- Aquaculture enterprises 87
- Aquaculture techniques 97
- Artificial reefs 29, 73
- Artificial reefs--Thailand 74
- Artificial substrata 97
- Bibliographies 50, 68
- Cage culture 41
- Census 10
- Clam culture 41, 68, 86, 87
- Clam fisheries 37, 50, 68
- Coastal fisheries 35, 39, 51, 54
- Conferences 25, 29, 33
- Coral reef ecology--Pacific area 100
- Coral reef fisheries 89, 106
- Coral reef management--Pacific area 100
- Coral reefs 10, 12, 22, 24, 33, 76, 90
- Demersal fisheries 23
- Design 9
- Developing countries 36
- Ecology 112
- Environmental impact 36
- Equipment 9
- Exploitation 42, 52, 76
- Fish populations--Pacific, Western 102
- Fisheries--Jamaica 124
- Fisheries--Research 89
- Fishery biology 25, 37, 90, 93, 112
- Fishery development 37
- Fishery education 94
- Fishery management 23, 25, 27, 35, 37, 39, 42, 51, 54, 81, 90, 93
- Fishery organizations 93
- Fishery resources 24, 39, 54, 90
- Fishery sciences 94
- Fishing gear 75
- Floating cages 41
- Goatfish--Caribbean 105
- Grouper--Caribbean 103
- Growth 42, 44, 52, 92, 97
- ICLARM 24, 81, 93
- ICLARM Contrib. No. 27, 42
- ICLARM Contrib. No. 000 73
- ICLARM Contrib. No. 117 94
- ICLARM Contrib. No. 120 93
- ICLARM Contrib. No. 125 90
- ICLARM Contrib. No. 128 86
- ICLARM Contrib. No. 267 68
- ICLARM Contrib. No. 752 36
- ICLARM Contrib. No. 785 35
- ICLARM Contrib. No. 786 39
- ICLARM Contrib. No. 787 37
- ICLARM Contrib. No. 1061 33
- ICLARM Contrib. No. 1078 29
- ICLARM Contrib. No. 1160 23
- ICLARM Contrib. No. 1281 24
- ICLARM Contrib. No. 1305 22
- ICLARM Contrib. No. 1323 25
- ICLARM publications 51, 52, 54
- Induced breeding 97
- Larvae--Pink shrimp 125, 126
- Larval development 97
- Larval settlement 97
- Light 9
- Literature reviews 22
- Lobster fisheries 42, 52
- Marine aquaculture 86
- Marine organisms 8
- Mollusc culture 97
- Mortality 42, 44, 52
- Network of Tropical Fisheries Scientists 93
- Ornamental fish 9
- Overfishing 23
- Percoid fisheries 10, 25
- Pink shrimp--Florida 125
- Population characteristics 8
- Population dynamics 44
- Recruitment 8, 23, 44
- Reef fish 9, 91, 112
- Reef fish--Caribbean 103, 105, 119
- Reef fish--Spawning 119
- Reef fisheries 22, 24, 27, 76, 90, 112
- Research programmes 24, 81
- Resource management 24, 33
- Shrimp fisheries 123
- Shrimp--Florida--Tortugas Shelf 126
- Size distribution 42
- Small scale fisheries 35, 51
- Stock assessment 23, 35, 51, 81
- Stocking (Organisms) 23
- Surveys 123
- Sustainability 12
- Training 94
- Trap nets 75, 113
- Trawls and trawling--Jamaica 127
- Tropics 27
- Warm-water aquaculture 63