A BIBLIOGRAPHY OF THE GIANT CLAMS
(CARDIIDAE: BIVALVIA: TRIDACNINAE)

M.L. Neo
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Front cover image: (1st row) Hippopus hippopus, Hippopus porcellanus; (2nd row) Tridacna mbalavuana, Tridacna gigas, Tridacna derasa; (3rd row) Tridacca squamosina, Tridacna maxima, Tridacna squamosa; (Last row) Tridacna crocea, Tridacna noae.
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MARICULTURE (INCLUDES REPRODUCTION, GROWTH, AND ECONOMICS)

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- Waters, C.G., S. Lindsay and M.J. Costello (2016) Factors relevant to pre-veliger nutrition of Tridacnidae giant clams. Reviews in Aquaculture, 8(1): 3-17


HOST SYMBIOSIS AND THEIR SYMBIODINIACEAE

- Fankboner, P.V. (1971) Intracellular digestion of symbiotic zooxanthellae by host amoebocytes in giant clams (Bivalvia: Tridacnidae), with a note on the nutritional role of the hypertrophied siphonal epidermis. Biological Bulletin 141, 2: 222-234
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PHYSIOLOGY AND BIOCHEMISTRY

- Uhlenbruck, G. and G. Steinhausen (1977) Tridacnins: Symbiosis-profit or defense-purpose? Developmental and Comparative Immunology, 1: 183-192
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light, and possible role in the transport of inorganic carbon from the host to its symbionts. Physiological Reports, 5: e13494


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STATUS, DISTRIBUTION, AND ABUNDANCE SURVEYS


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A bibliography of the giant clams (Cardiidae: Bivalvia: Tridacninae)
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- **Chesher, R.H. (1993)** Giant clam sanctuaries in the Kingdom of Tonga. The Ministry of Lands, Survey and Natural Resources of the Kingdom of Tonga. 80 pp.
- **Tu'aavo, T., T. Loto'ahea, K. Udagawa and S. Sone (1995)** Results of the field surveys on giant clam stock in the Tongatapu Island Group. Fisheries Research Bulletin of Tonga, 3: 1-10
- **Green, A. and P. Craig (1999)** Population size and structure of giant clams at Rose Atoll, an important refuge in the Samoan Archipelago. Coral Reefs, 18: 205-211

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ECOTOXICOLOGY

- Duquesne, S.J. and J.C. Coll (1995) Metal accumulation in the clam Tridacna crocea under natural and experimental conditions. Aquatic Toxicology, 32: 239-253
CONSERVATION AND MANAGEMENT

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M.L. Neo

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M.L. Neo

ANATOMICAL STRUCTURES

- Fankboner, P.V. (1981) Siphonal eyes of giant clams (Bivalvia: Tridacnidae) and their relationship to adjacent zooxanthellae. The Veliger, 23(3): 245-249


PHYLOGEOGRAPHY AND CONNECTIVITY

- Benzie, J.A.H, and S.T Williams (1997) Genetic structure of giant clam (*Tridacna maxima*) populations in the West Pacific is not consistent with dispersal by present-day ocean currents. Evolution, 51(3): 768-783
A bibliography of the giant clams (Cardiidae: Bivalvia: Tridacninae)
M.L. Neo

AUTECOLOGY

- **Stasek, C.R. (1965)** Behavioural adaptation of the giant clam *Tridacna maxima* to the presence of grazing fishes. The Veliger, 8(1): 29-35
- **Trott, L.B. and W.L. Chan (1972)** *Carapus homei* commensal in mantle cavity of *Tridacna* sp. in South China Sea. copeia, 4: 872-873
- **Griffiths, C.L. and D.W. Klumpp (1996)** Relationships between size, mantle area and zooxanthellae numbers in five species of giant clam (*Tridacnidae*). Marine Ecology Progress Series, 137: 139-147
- **Soo, P. and P.A. Todd (2012)** Nocturnal movement and possible geotaxis in the fluted giant clam (*Tridacna squamosa*). Contributions to Marine Science: 159-162
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PATHOGENS AND PARASITES

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GEO SCIENCES

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M.L. Neo

- Duprey, N., J-C. Galipaud, G. Cabioch, C.E. Lazareth (2014) Isotopic records from archaeological giant clams reveal a variable climate during the southwestern Pacific colonization ca. 3.0 ka BP. Palaeogeography, Palaeoclimatology, Palaeoecology, 404C: 97-108
A bibliography of the giant clams (Cardiidae: Bivalvia: Tridacninae)
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ARCHAEOLOGY

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PHYLOGENETICS AND MOLECULAR RESOURCES

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M.L. Neo

TAXONOMY DESCRIPTION AND CLASSIFICATION

- Sowerby, G.B. (2nd) (1884) Monograph of the genera Tridacna and Hippopus. Thesaurus Conchyliorum, or Monographs of the Shells, 5: 179-182
ANTHROPOLOGY

A bibliography of the giant clams (Cardiidae: Bivalvia: Tridacninae)
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GENERAL ARTICLES

- Wabnitz, C. and C. Fauvelot (2014) *Tridacna noae* is back. SPC Fisheries Newsletter, 145: 30