

Donald A. Thomson

Professor Emeritus, Department of Ecology and Evolutionary Biology (1998-Present)
Director, Marine Sciences Program and Curator of Fishes (1964-1998)
The University of Arizona, Tucson, Arizona 85721
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Education: Ph.D. The University of Hawaii, 1963
M.S. The University of Michigan, 1957
B.S. The University of Michigan, 1955

Academic Interests:

Ecology of fishes of the Sea of Cortez; behavioral ecology of the Gulf grunion; community ecology of reef fishes; ecology and behavior of seastars; ecology of intertidal community

Academic Courses: Limnology, Oceanography, Ichthyology, Marine Ecology (field course, 30+ years)

Selected Publications: Books, Field Guides and Serial Publications

Reef fishes of the Sea of Cortez. The Rocky Shore Fishes of the Gulf of California. D. A. Thomson, L. T. Findley and A. N. Kerstitch. 1979 (John Wiley & Sons), 1987 (The University of Arizona Press), 2000 (University of Texas Press).

Gulf of California Fishwatcher's Guide. D. A. Thomson and Nonie McKibbin. 1976. The Golden Puffer Press: Tucson.

Tide Calendar for the Northern Gulf of California. D. A. Thomson. 1967 to 1994. The University of Arizona Printing and Publishing Support Services.

Selected Publications: Research Papers

1964. Thomson, D. A. Ostracitoxin: an ichthyotoxic stress secretion of the boxfish, *Ostracion lentiginosus*. *Science* **146**:244-245

1969. Thomson, D. A. Toxic stress secretions of the boxfish, *Ostracion meleagris* Shaw. *Copeia* **1969** (2):335-352.

1974. Reynolds, W. W. and D. A. Thomson. Responses of young Gulf grunion, *Leuresthes sardine* (Jenkins and Evermann) to gradients of temperature, light, turbulence and oxygen. *Copeia* **1974** (3):747-758.

1976. Thomson, D. A. and K. A. Muench. Influence of tides and waves on the spawning behavior of the Gulf of California grunion, *Leuresthes sardina* (Jenkins and Evermann). *Bull. S. Calif. Acad. Sci.* (Hubbs Issue) **75**(2):198-203.

1976. Brusca, R.C. and D. A. Thomson. Pulmo reef: the only "coral reef" in the Gulf of California. *Ciencias Marinas* (Univ. Auton. Baja California) **2**(2):37-54.

1976. Thomson, D. A. and C. E. Lehner. Resilience of a rocky intertidal fish community in a physically unstable environment. *J. Exp. Mar. Biol. Ecol.* **22**(1):1-29.

1982. Dungan, M.L., T. E. Miller, and D. A. Thomson. Catastrophic decline of a top carnivore in the rocky intertidal zone of the Gulf of California. *Science* **216**:989-991.

1984. Thomson, D. A. and M. R. Gilligan. The rocky-shore fishes: marine insular biogeography. Ch. 5 *In*: Biogeography of the Islands of the Sea of Cortez. T. J. Case and M. L. Cody, (Editors). University of California Press, Berkeley.
1984. Dungan, M. L. and D. A. Thomson. Recent climatic events and their consequences in the Gulf of California and the eastern Pacific. *In*: Memoria del III Simposia Biologia Marina, Universidad Autonoma de Baja California Sur. Pp 148-163.
1986. Kotschal, K. and D. A. Thomson. Feeding patterns in eastern tropical Pacific blennioid fishes (Teleostei: Tripterygiidae, Labrisomidae, Chaenopsidae, Blenniidae). *Oecologia* **70**:367-378.
1988. McCauley, R. W. and D. A. Thomson. Thermoregulatory activity in the Tecopa pupfish *Cyprinodon nevadensis amargosae*, an inhabitant of a thermal spring. *Environ. Biol. Fishes* **23**:135-139.
1989. Kotschal, K. and D. A. Thomson. From suckers towards pickers and biters: evolutionary patterns in trophic ecomorphology of tropical marine reef fishes. *Fortschr. Zool. Suppl.* 35.

Graduate Students: Major Professor/ Dissertation Director

2000	Christine In-Albon (M.S.)	1979	Nicholas P. Yensen (Ph.D.)
1996	Sarah Mesnick (Ph.D.)	1977	Nancy M. Moffatt (Ph.D.)
1994	Wayne Van Voorhies (Ph.D.)	1977	Kevin A. Muench (Ph.D.)
1993	Frank Cipriano (Ph.D.)	1976	Charles L. Constant (M.S.)
1992	Michael W. Brogan (Ph.D.)	1976	Peter C. Cook (M.S.)
1991	Katrina L. Mangin (Ph.D.)	1976	Manuel C. Molles (Ph.D.)
1990	Shawn E. Nordell (M.S.)	1975	David G. Lindquist (Ph.D.)
1990	Fernando Zapata (Ph.D.)	1975	Mark Helvey (M.S.)
1989	Guy Hoelzer (Ph.D.)	1974	Gary B. Hansen (M.S.)
1987	Edward H. Boyer (Ph.D.)	1974	Anne A Gollub (M.S.)
1987	L. Yvonne Maluf (Ph.D.)	1974	Philip S. Miles (Ph.D.)
1987	Philip A. Hastings (Ph.D.)	1973	Paul F. Winkler (Ph.D.)
1985	Christopher W. Petersen (Ph.D.)	1973	William W. Reynolds (Ph.D.)
1983	Peggy Turk-Boyer (M.S.)	1971	William H. Eger (Ph.D.)
1983	Lloyd T. Findley (Ph.D.)	1970	Norman M. Hodgkin (Ph.D.)
1982	Richard M. McCourt (Ph.D.)	1969	John C. Petti (M.S.)
1982	Bruce P. Koebele (M.S.)	1969	Steven S. Amesbury (M.S.)
1981	Christine A. Flanagan (Ph.D.)	1967	Norman D. Morrison (M.S.)
1980	Matthew R. Gilligan (Ph.D.)	1966	Thomas J. Cox (Ph.D.)
1979	L. John Olson (Ph.D.)		

Marine Science Graduate Students: Committee Member

Mariel Brooks	J. Nichols
Richard C. Brusca	Linn Montgomery
Michael L. Dungan	Dave Owens
Patrick Gould	Ted Pardy
Roy Houston	Jeff Seminoff
Gerald Kooyman	Doug Siegel-Causey
Jerry Kudenov	Elaine Snyder
William Light	Jim Wood
Curt Lively	Janet Voight
Anthony Michaels	

