

Ian TIBBETTS (University of Queensland - UQ), Local coordinator

Prof. Dr. Ian Tibbetts is both Associate Professor and Director of International Relations at the University of Queensland. His research interests are in grazers in coral reef systems. Herbivores are thought to play a key role in maintaining the balance between the slower growing corals and the faster growing algae. His main interest lies in tropical models of grazing relationships in systems influenced by subsistence communities (Solomon Islands) and subtropical systems influenced by urbanization (Moreton Bay). A second research interest is on the ecology of fishes in water storages. The growing urban areas of south east Queensland require extensive water infrastructure such as dams and weirs. Queensland's largely river specialist species are being incorporated into new and dynamic ecologies in these artificial lake systems. Dr. Tibbetts lab works on a wide range of topics to do with fishes in such systems and their influence on water quality as a management tool. The phylogenetic relationship among the Beloniformes (needlefish, sauries, flying fish and halfbeaks) has also been a long-standing interest of his. Using a wide range of approaches involving feeding biology, physiology, developmental biology, acoustics, digestion and anatomy he is working towards an evolutionary explanation of relationships within this group and through them developing perspectives in the evolution and adaptive advantage of other stomachlessness in fishes.

1	Family name	TIBBETTS		
2	First name	Ian		
3	Date of birth	15 March 1960		
4	Nationality	Australian/ British		
5	E-mail	i.tibbetts@uq.edu.au		
6	Education / Professional studies			
	Dates (from-to)	Institution	Degree/diploma	
	1992	University of Queensland	PhD	
	1982	University of Wales (Swansea)	BSc (Hons)	
7	Language skills Grade skill 1-5 (1 = basic, 5 = excellent, * = mother tongue)			
	Language	Speaking	Reading	Writing
	English*	5	5	5
	French	3	2	1
	Spanish	1	1	1
8	Membership of professional bodies			
	Australian Marine Science Association			
9	Other Skills			
	Mac, PC, Statistica, PRIMER, Excel, Word, Recreational Boat License, Senior First Aid, Oxygen Resuscitation, Black Belt (1st Dan) in Shotokan Karate			
10	Name of organisation currently working for and Present position in the organisation	Name of Organisation: The University of Queensland Present position in the organisation: Associate Professor Director of International Programs		
11	Years with the organisation	20		
12	Long-term experience in specific countries/territories			
	Country	Date	Details	
	Australia	1993-present	Research on estuarine ecosystems, ecology of coral reef fishes, electroreception, ecology of intertidal environments, shark biology.	
	Solomon Islands	1996-present	Research on coral reef ecosystems, assisting subsistence	

			communities optimise reef resources through MPA development and alternative incomes, educating children through illustrated children's books, and Sunday School material.
	Bahamas	2003, 2005	Research on herbivorous fishes
13	Professional experience record		
	Location	Date	Organisation
	Australia	1993-present	The University of Queensland
	Position	Associate Professor/Director of International Programs	
	Responsibilities	Undergraduate Coursework Teaching Research, Coordinating International Contract and Study Abroad Programs for the School of Biological Sciences	
14	Publications		
	<ul style="list-style-type: none"> • Chargulaf, CA, Townsend, K A., Tibbetts, IR. (2011) Community structure of soft sediment pool fishes in Moreton Bay, Australia. <i>Journal of Fish Biology</i>. 78: 479 – 494 • Poloczanska, Smith, Fauconnet, Healy, Tibbetts, Burrows and Richardson (2011). Little change in the distribution of rocky shore faunal communities on the Australian east coast after 50 years of rapid warming. <i>Journal of Experimental Marine Biology and Ecology</i> (online proofs). • Gilby, B, Burfeind, D; Tibbetts, IR (2011). <i>Lyngbya majuscula</i> blooms and the diet of small subtropical benthivorous fishes. <i>Marine Biology</i>. 158: 245- 255 • Day, R, German, D, Manjakasy, J, Farr, I, Hansen, M, Tibbetts, IR. (2011). Enzymatic digestion in stomachless fishes: how a simple gut accommodates both herbivory and carnivory. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i>. (Online) 1-11 • Gutteridge, AN, Bennett, MB, Huveneers, C., Tibbetts, IR. (2011). Assessing the overlap between the diet of a coastal shark and the surrounding prey communities in a sub-tropical embayment. <i>Journal of Fish Biology: (Early View)</i>. • Day RD, German DP, Tibbetts IR (2011). Why can't young fish eat plants? Neither digestive enzymes nor gut development preclude herbivory in the young of a stomachless marine herbivorous fish, <i>Comparative Biochemistry and Physiology Part B: Biochemistry and Molecular Biology</i>. 158: 23-29 • Buckius C., Albert S., Tibbetts IR, Udy J (2010) Effect of diel activity patterns and harvesting pressure on the diversity and biomass of sea cucumbers in Marovo Lagoon, Solomon Islands. <i>Environmental Management</i> 45(5): 963-973 • Christiansen NA, Kemp A, Tibbetts IR (2010) Are the oral teeth of combtooth bennies (Salariini: Teleostei) merely combs? <i>Environmental Biology of Fishes</i> 87(3): 205-216 • Burfeind, DD, Tibbetts, IR and Udy, JW (2009) Grazing rates of <i>Elysia tomentosa</i> on native and introduced <i>Caulerpa taxifolia</i>. <i>Hydrobiologia</i>, 632: 355-358. • Whitehead, Darryl L., Kwik, Jeffrey T. B. and Tibbetts, IR. (2009). Distribution and morphology of the ampullary organs of the estuarine longtailed catfish, <i>Euristhmus lepturus</i> (Plotosidae, Siluriformes). <i>Zoomorphology</i>, 128 2: 111-117 • Wueringer, BE, Tibbetts, IR. and Whitehead, DL. (2009) Ultrastructure of the ampullae of Lorenzini of <i>Aptychotrema rostrata</i> (Rhinobatidae). <i>Zoomorphology</i>, 128 1: 45-52 • Manjakasy J, Day, RD, Kemp A, Tibbetts IR (March 2009). Functional morphology of digestion in the stomachless, piscivorous needlefishes <i>Tylosurus gavioides</i> and <i>Strongylura leiura ferox</i> (Teleostei: Beloniformes). <i>Journal of Morphology</i>, 270 10: 1155-1165 • Kruck NC, Chargulaf CA, Saint-Paul U, Tibbetts IR (April 2009). Early post-settlement habitat and diet shifts and the nursery function of tidepools during <i>Sillago</i> spp. recruitment in Moreton Bay, Australia. <i>Marine Ecology – Progress Series</i>. Doi:10.3354/meps07992 		

- Cribb BW, Rathmell A, Charters R, Rasch R, Huang H, Tibbetts IR (2009) Structure, composition and properties of naturally occurring non-calcified / crustacean cuticle. *Arthropod Structure & Development* / doi:10.1016/j.asd.2008.11.002
- Burfeind DD, Tibbetts IR, Udy JW (2009) Habitat preference of three common fishes for seagrass, *Caulerpa taxifolia*, and unvegetated substrate in Moreton Bay, Australia. *Environmental Biology of Fishes* /doi 10.1007/s10641-009-9444-0
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- Albert S, Udy JW, Tibbetts IR (2008) Responses of algal communities to gradients in herbivore biomass and water quality in Marovo Lagoon, Solomon Islands. *Coral Reefs* 27: 73-82
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Scomberesocoidea) to the internally fertilizing halfbeaks (Zenarchopteridae) based on the pharyngeal jaw apparatus. Proceedings of the Biological Society of Washington 118(2):416-427

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- Tibbetts, I. R., Hall, N. J., Dennison, W. C. (eds) Moreton Bay and Catchment. School of Marine Science. The University of Queensland. pp 645.

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15	Number of conference presentations (between brackets invited contributions)		
	12(3)		
16	Awards		
	Award	Award date	Issuing organisation
	Ron Kenny Award	1993	AMSA
	Excellence in Teaching	2006	UQ