# William Toby White

# General Information

# Date of birth: 13th February 1977

**Address:** CSIRO Australian National Fish Collection, GPO Box 1538, Hobart TAS 7018, Australia

**Telephone:** (Wk) +61 (0)36232 5144; (Mob.) +61 (0)404165079

**Nationality:** Australian

**Citizenship:** Dual -Australian/British

**Researcher id**: B-9748-2009

Employment

**2006 (Dec) – present:** Ichthyologist, CSIRO Australian National Fish Collection, Hobart.

**Research:** Taxonomy and biogeography of Indo-Pacific fishes; biology and ecology of sharks and rays; fisheries in developing nations (e.g. Indonesia, Papua New Guinea)

**Highlights:** Lead development of a large (4 year) ACIAR funded project in Papua New Guinea (2013); lead market survey component of an Indonesian ACIAR project, culminating in numerous journal papers and lead authorship on a guide book to Indonesian fishes; published >50 new shark and ray species descriptions; finalist in the Eureka Prize for People’s Choice and for Early Career Researcher in Species Discovery in 2010; developed a novel approach to collecting catch composition data in data-poor regions.

**2004 (April) – 2006:** Post-doctoral fellow, Murdoch University, Western Australia.

**Research:** Leading the biological and taxonomic components of an ACIAR funded project entitled: “Artisanal Shark and Ray Fisheries in East Indonesia: their socioeconomic and fishery characteristics and relationship to Australian resources – *Phase II* ”.

**Highlights:** Developed a guide book to the sharks and rays of Indonesia; published numerous journal articles; supervised 3 Honours’ students which all achieved a First Class score.

**2004 (Jan–Apr):** Research Assistant, Australian National Fish Collection, Hobart

**Research:** Working on a NOO funded bioregionalisation project and conducting taxonomic research on various shark and ray groups, e.g. *Mustelus, Hemigaleus, Rhinobatos*.

**Highlights:** Assisted with final report for the NOO project; published taxonomic papers on 5 new species of sharks and rays.

**2001 – 2003 (Dec):** Project scientist, Murdoch University

**Research:** Leading the market survey component of an ACIAR funded project entitled: “Artisanal Shark and Ray Fisheries in East Indonesia: their socioeconomic and fishery characteristics and relationship to Australian resources – *Phase I* ”.

**Highlights:** Obtained the first detailed information on the shark and ray fisheries of Indonesia, the largest such fishery in the world; major contributor to the inaugural IUCN Shark Specialist Group’s Red List workshop.

**Higher Education**

**1999–2003:** PhD: Centre for Fish and Fisheries Research, Murdoch University

**Thesis:** *Aspects of the biology of elasmobranchs in a subtropical embayment in*

*Western Australia and of chondrichthyan fisheries in Indonesia.*

**Prizes:** Australian Postgraduate Awards scholarship (1999-2003)

**1998:** Honours: Centre for Fish and Fisheries Research, Murdoch University.

**Thesis:** *The age compositions, growth rates and reproductive biology of four species of elasmobranchs (Batoidea: Urolophidae) in coastal waters of south-western Australia.*

**1995–1997:** Bachelor of Science (Biological Science), Murdoch University.

**Prizes:** Vice Chancellors Commendation (1996); Swan Brewery prize for Microbiology (1996).

**Publications**

**Journal articles**

**78.** **White, W.T.**, Vaz, D.F.B., Ho, H.C., Ebert, D.A., Carvalho, M.R. De, Corrigan, S., Rochel, E., Carvalho, M. De, Tanaka, S. & Naylor, G.J.P. (2014) Redescription of *Scymnodon ichiharai* Yano & Tanaka 1984 (Squaliformes: Somniosidae) from the western North Pacific, with comments on the definition of somniosid genera. *Ichthyological Research*, *online first*.

**77.** Last, P.R., Pogonoski, J.J., Gledhill, D.C., **White, W.T.** & Walker, C. (2014) The deepwater demersal ichthyofauna of the Coral Sea – a journey into the past! *Zootaxa*, in press.

**76.\*** Smart, J.J., Chin, A., Tobin, A.J., Simpfendorfer, C.A. & **White, W.T.** (in press) Age and growth of the common blacktip shark *Carcharhinus limbatus* from Indonesia incorporating an improved approach to comparing regional population growth rates. African Journal of Marine Science, in press.

**75. White, W.T.**, Last, P.R., Dharmadi, Faizah, R., Chodrijah, U., Buckworth, R.C. & Dichmont, C.M. (2014) Rapid Fishery Assessment by Market Survey (RFAMS) –an improved rapid-assessment approach to characterising fish landings in developing countries. *PLOS One*, 9(10), 1-11.

**74. White, W.T.** (2014)A revised generic arrangement for the eagle ray family Myliobatidae, with definitions for the valid genera. *Zootaxa*, 3860(2): 149-166.

**73.** Rocha, L.A., Aleixo, A., Allen, G., Almeda, F., Baldwin, C., Barclay, M., Bates, J., Bauer, A., Benzoni, F., Berns, C., Berumen, M., Blackburn, D.C., Blum, S., Bolaños, F., Bowie, R., Britz, R., Brown, R., Cadena, C.D., Carpenter, K., Ceríaco, L.M., Chakrabarty, P., Chaves, G., Choat, J.H., Clements, K., Collette, B., Collins, A., Coyne, J., Cracraft, J., Daniel, T., de Carvalho, M.R., de Queiroz, K., Di Dario, F., Drewes, R., Dumbacher, J., Engilis Jr, A., Erdmann, M.V., Eschmeyer, W., Feldman, C.R., Fisher, B., Fjeldså, J., Fritsch, P., Fuchs, J., Getahun, A., Gill, A., Gomon, M., Gosliner, T., Graves, G., Griswold, C., Guralnick, R., Hartel, K., Helgen, K.M., Ho, H., Iskandar, D., Iwamoto, T., Jaafar, Z., James, H., Johnson, D., Kavanaugh, D., Knowlton, N., Lacey, E., Larson, H., Last, P., Leis, J., Lessios, H., Liebherr, J., Lowman, M., Mahler, D.L., Mamonekene, V., Matsuura K., Mayer, G., Mays Jr., H., McCosker, J., McDiarmid, R., McGuire, J., Miller, M., Mooi, R., Mooi, R.D., Moritz, C., Myers, P., Nachman, M., Nussbaum, R.A., Foighil, D.Ó, Parenti, L., Parham, J., Paul, E., Paulay, G., Pérez-Emán, J., Perez-Matus, A., Poe, S., Pogonoski, J., Rabosky, D., Randall, J.E., Reimer, J., Robertson, D.R., Rödel, M.O., Rodrigues, M.T., Roopnarine, P., Rüber, L., Ryan, M., Sheldon, F., Shinohara, G., Short, A., Simison, B., Smith-Vaniz, W., Springer, V., Stiassny, M., Tello, J.G., Thompson, C., Trnski, T., Tucker, P., Valqui, T., Vecchione, M., Verheyen, E., Wainwright, P.C., Wheeler, T.A., **White, W.**, Will, K., Williams, J.T., Wilson, E.O., Winker, K., Winterbottom, R. & Witt, C. (2014) Collecting biological specimens is essential in science and conservation. *Science* 344(6186): 814-815.

**72. White, W.T.** & Weigmann, S. (2014) *Carcharhinus humani* sp. nov., a new whaler shark (Carcharhiniformes: Carcharhinidae) from the western Indian Ocean. *Zootaxa* 3821(1): 71-87.

**71. White, W.T.**, Furumitsu, K. & Yamaguchi, A. (2013) A new species of eagle ray *Aetobatus narutobiei* from the Northwest Pacific: an example of the critical role taxonomy plays in fisheries and ecological sciences. *PLOS One*, 8(12): 1-11.

**70.** Last, P.R. & **White, W.T.** (2013) Two new stingrays (Chondrichthyes: Dasyatidae) from the eastern Indonesian Archipelago. *Zootaxa*, 3722(1): 1-21.

**69.** Moore, A.B.M., Almojil, D., Jabado, R.W. & **White, W.T.** (2014) New biological data on the rare, threatened shark *Carcharhinus leiodon* (Carcharhinidae) from the Persian Gulf and Arabian Sea. *Marine and Freshwater Research* 65, 337-332.

**68.** Dulvy, N.K., Fowler, S.L., Musick, J.A., Cavanagh, R.D., Kyne, P.M., Harrison, L.R., Carlson, J.K., Davidson, L.N.K., Fordham, S.V., Francis, M.P., Pollock, C.M., Simpfendorfer, C.A., Burgess, G.H., Carpenter, K.E., Compagno, L.J.V., Ebert, D.A., Gibson, C., Heupel, M.R., Livingstone, S.R., Sanciangco, J.C., Stevens, J.D., Valenti, S. & **White, W.T.** (2013) Extinction risk and conservation of the world’s sharks and rays. *E-Life* 2014; 3:e00590.

**67.** Ebert, D.A., Ho, H.-C., **White, W.T.** & Carvalho, M.R. de (2013) Introduction to the systematics and biodiversity of sharks, rays, and chimaeras (Chondrichthyes) of Taiwan. *Zootaxa* 3752 (1): 5–19.

**66.** Ebert, D.A., **White, W.T.** & Ho, H.-C. (2013) Redescription of *Hexanchus nakamurai* Teng 1962, (Chondrichthyes: Hexanchiformes: Hexanchidae), with designation of a neotype. *Zootaxa* 3752 (1): 20–34.

**65.** Ebert, D.A., **White, W.T.**, Ho, H.-C., Last, P.R., Nakaya, K., Séret, B., Straube, N., Naylor, G.J.P. & de Carvalho, M.R. (2013) An annotated checklist of the chondrichthyans of Taiwan. *Zootaxa* 3752 (1): 279–386.

**64.** Straube, N., **White, W.T.**, Ho, H.C., Rochel, E., Corrigan, S., Li, C. & Naylor, G.J.P. (2013) A DNA sequence-based identification checklist for Taiwanese chondrichthyans. *Zootaxa* 3752 (1): 256–278.

**63. White, W.T.** & Last, P.R. (2013) Notes on shark and ray types at the South China Sea Fisheries Research Institute (SCSFRI) in Guangzhou, China. *Zootaxa* 3752 (1): 228–248.

**62.** Allen, G.R., **White, W.T.** & Erdmann, M.V. (2013) Two new species of snappers (Pisces: Lutjanidae: *Lutjanus*) from the Indo-West Pacific. *Journal of the Ocean Science Foundation* 6: 33-51.

**61. White, W.T.** & Harris, M. (2013) Redescription of *Paragaleus tengi* (Chen, 1963) (Carcharhiniformes: Hemigaleidae) and first record of *Paragaleus randalli* Compagno, Krupp & Carpenter, 1996 from the western North Pacific. *Zootaxa* 3752 (1): 172–184.

**60. White, W.T.**, Ebert, D.A., Naylor, G.J.P., Ho, H.C., Clerkin, P., Verissimo, A. & Cotton, C. (2013) Revision of the genus *Centrophorus* (Squaliformes: Centrophoridae): Part 1 – Redescription of *Centrophorus granulosus* (Bloch & Schneider), a senior synonym of *C. acus* Garman and *C. niaukang* Teng. *Zootaxa* 3752 (1): 35–72.

**59. White, W.T.** & Moore, A.B.M. (2013) Redescription of *Aetobatus flagellum* (Bloch & Schneider), an endangered eagle ray (Myliobatoidea: Myliobatidae) from the Indo–West Pacific. *Zootaxa* 3752 (1): 199–213.

**58.** Puckridge, M., Last, P.R., White, W.T. & Andreakis, N. (2013) Phylogeography of the Indo-West Pacific maskrays (Dasyatidae, *Neotrygon*): a complex example of chondrichthyan radiation in the Cenozoic. *Ecology and Evolution* 3: 217-232.

**57.** Akhilesh, K.V., Bineesh, K.K. & **White, W.T.** (2012). *Liopropoma randalli*, a new serranid (Teleostei: Perciformes) fish from the Indian Ocean. *Zootaxa*, 3439: 43-50.

**56.** Akhilesh, K.V., Bineesh, K.K., **White, W.T.,** Shanis, C.P.R., Hashim, M., Ganga, U. & Pillai, N.G.K. (2013) Catch composition, reproductive biology and diet of the bramble shark *Echinorhinus brucus* Bonnaterre (Squaliformes: Echinorhinidae) from the southeastern Arabian Sea. *Journal of Fish Biology*, online view.

**55.** Akhilesh, K.V., **White, W.T.,** Bineesh, K.K., Ganga, U. & Pillai, N.G.K. (2013) Biological observations on the bristly catshark *Bythaelurus hispidus* (Alcock) (Scyliorhinidae: Carcharhiniformes) from deep waters off the southwest coast of India. *Journal of Fish Biology*, 82: 1582-1591.

**54. White, W.T.** & Last, P.R. (2012) *Paracaesio brevidentata* n. sp., a new snapper (Lutjanidae: Apsilinae) from Indonesia. *Zootaxa*, 3418: 51-60.

**53.** Akhilesh, K.V., Bineesh, K.K., **White, W.T.** & Pillai, N.G.K. (2012) Aspects of the biology of the pygmy ribbontail catshark *Eridacnis radcliffei* Smith (Proscylliidae: Carcharhiniformes) from the southwest coast of India. *Journal of Fish Biology,* 81(3): 1138-1144.

**52.** Ebert, D.A., McElroy, W.D., **White, W.T.** (2012) Preface: Feeding Ecology of Elasmobranchs. *Environmental Biology of Fishes* 95: 1-2.

**51.** Akhilesh, K.V., Shanis, C.P.R., **White, W.T.**, Manjebrayakath H., Bineesh, K.K., Ganga, U., Abdussamad, E.M., Gopalakrishnan, A. & Pillai, N.G.K. (2013) Landings of whale sharks *Rhincodon typus* Smith, 1828 in Indian waters since protection in 2001 through the Indian Wildlife (Protection) Act, 1972. *Environmental Biology of Fishes*, 96: 713–722.

**50.** Naylor, G.J.P., Caira, J.N., Jensen, K., Rosana, K.A.M., **White, W.T.** & Last, P.R. (2012) A DNA sequence-based approach to the identification of shark and ray species and its implications for global elasmobranch diversity and parasitology. *Bulletin of the American Natural History Museum*, 367: 263 p.

**49.** Johnson, J.W. & **White, W.T.** (2012)*Parapercis* *pariomaculata* (Perciformes: Pinguipedidae), a new species of sandperch from Lombok and Bali, Indonesia and remarks on the validity of *P. quadrispinosa* (Weber 1913). *Zootaxa*, **3319,** 57-68.

**48. White, W.T.**, Blaber, S.J.M. & Craig, J.F. (2012) Preface: The current status of elasmobranchs: biology, fisheries and conservation. *Journal of Fish Biology*, 80: 897-900.

**47. White, W.T.** (2012) A redescription of *Carcharhinus dussumieri* and *C. sealei*, with resurrection of *C. coatesi* and *C. tjutjot* as nominal species (Chondrichthyes: Carcharhinidae). *Zootaxa,* 3241: 1-34.

# 46. Dudgeon, C.L. & White, W.T. (2012) First record of Batesian mimicry in an elasmobranch: juvenile zebra sharks mimic banded sea snakes? *Marine & Freshwater Research*, 63: 545-551.

**45. White, W.T.** & Last, P.R.(2012) A review of taxonomy of chondrichthyan fishes: a modern perspective. *Journal of Fish Biology*, 80: 901-917.

**44.\*** Hall, N.G., Bartron, C., **White, W.T.,** Dharmadi & Potter, I.C. (2012) Biology of the Silky Shark *Carcharhinus falciformis* (Carcharhinidae) in the eastern Indian Ocean, including an approach to estimating age when timing of parturition is not well defined. *Journal of Fish Biology*,80: 1320-1341.

**43. White, W.T.** & Dharmadi (2012) *Giganthias serratospinosus* n. sp., a new serranid (Perciformes: Serranidae: Anthiinae) from the island of Lombok in Indonesia. *Zootaxa,* 3161: 61-66.

**42. White, W.T.** (2011) *Odontanthias randalli* n. sp., a new anthiine fish (Serranidae: Anthiinae) from Indonesia. *Zootaxa*, 3015: 21-28.

**41.** Simpfendorfer, C.A., Heupel, M.R., **White, W.T.** & Dulvy, N.K. (2011) The importance of research and public opinion to conservation management of sharks and rays: a synthesis. *Marine & Freshwater Research*, 62: 518-527.

**40.** Last, P.R., **White, W.T.**, Gledhill, D.C., Pogonoski, J.J., Lyne, V. & Bax, N.J. (2011) Biogeographic structure and affinities of the marine demersal ichthyofauna of Australia. *Journal of Biogeography*, 38: 1484-1496.

**39.** Last, P.R. & **White, W.T.** (2011) Biogeographic patterns in the Australian chondrichthyan fauna. *Journal of Fish Biology*, 79: 1193-1213.

**38.** Moore, A.B.M., **White, W.T.**, Ward, R.D., Naylor, G.J.P. & Peirce, R. (2011) Rediscovery and redescription of the smoothtooth blacktip shark *Carcharhinus leiodon* (Carcharhinidae) from Kuwait, with notes on its ecology and conservation. *Marine & Freshwater Research*, 62: 528-539.

**37. White, W.T.** & Iglésias, S.P. (2011) *Squalus* *formosus* n. sp., a new species of spurdog shark (Squaliformes: Squalidae), from the western North Pacific. *Journal of Fish Biology*, 79: 954-968.

**36.\*** Sommerville, E., Platell, M.E., **White, W.T.**, Jones, A.A. & Potter, I.C. (2011) Partitioning of food resources by four abundant, co-occurring elasmobranch species: relationships between diet and both body size and season. *Marine and Freshwater Research,* 62: 1-12.

**35.** Last, P.R., **White, W.T.**, Gledhill, D.C., Hobday, A.J., Brown, R., Edgar, G.J. & Pecl, G. (2011) Long-term shifts in abundance and distribution of a temperate fish fauna: a response to climate change and fishing practices. *Global Ecology and Biogeography*, 20: 58-72.

**34.** Moore, A.B.M., **White, W.T.** & Peirce, R. (2010) Additions to the shark fauna of the Persian (Arabian) Gulf. *Zoology in the Middle East,* 50: 83-88.

**33.** Last, P.R., **White, W.T.** & Puckridge, M. (2010) *Neotrygon ningalooensis* sp. nov. (Myliobatoidei: Dasyatidae), a new maskray from Australia. *Aqua. International Journal of Ichthyology*, 16(2): 37-50.

**32. White, W.T**. & Kyne, P.M. (2010) The status of chondrichthyan conservation in the Indo–Australasian region. *Journal of Fish Biology,* 76: 2090-2117.

**31.** Ebert, D.A., **White, W.T.**, Goldman, K.J., Compagno, L.J.V., Daly-Engel, T.S. & Ward, R.D. (2010) Resurrection and redescription of *Squalus suckleyi* (Girard, 1854) from the North Pacific, with comments on the *Squalus acanthias* subgroup (Squaliformes: Squalidae). *Zootaxa*, 2612: 22-40.

**30. White, W.T.** & Dharmadi (2010) Aspects of maturation and reproduction in hexanchiform and squaliform sharks. *Journal of Fish Biology*, 76: 1362-1378.

**29. White, W.T.**, Compagno, L.J.V. & Dharmadi (2009) *Hemitriakis indroyonoi* sp. nov.*,* a new species of houndshark from Indonesia (Carcharhiniformes: Triakidae). *Zootaxa* 2110: 41-57.

**28.** Blaber, S.J.M., Dichmont, C.M., **White, W.**, Buckworth, R., Sadiyah, L, Iskandar, B., Nurhakim, S., Pillans, R., Andamari, R., Dharmadi & Fahmi (2009) Elasmobranchs in southern Indonesian fisheries: the fisheries, the status of the stocks and management options. *Reviews in Fish Biology and Fisheries* 19: 367-391.

**27.\* White, W.T.,** Bartron, C. & Potter, I.C. (2008) Catch composition and reproductive biology of *Sphyrna lewini* (Carcharhiniformes, Sphyrnidae) in Indonesian waters. *Journal of Fish Biology* **72:** 1675–1689.

**26.** Pierce, S.J., **White, W.T.** & Marshall, A.D. (2008) New record of the smalleye stingray, *Dasyatis microps* (Myliobatiformes: Dasyatidae) from the western Indian Ocean. *Zootaxa* **1734:** 65–68.

**25.** Last, P.R. & **White, W.T.** (2008) Three new angel sharks (Chondrichthyes: Squatinidae) from the Indo–Australian region. *Zootaxa* **1734:** 1–26.

**24.** Ward, R.D., Holmes, B.H., **White, W.T.** & Last, P.R. (2008) DNA barcoding Australasian chondrichthyans: results and potential uses in conservation. *Marine and Freshwater Research* **59:** 57–71.

**23. White, W.T.,** Last, P.R. & Stevens, J.D. (2007) *Halaelurus maculosus* n. sp. and *H. sellus* n. sp., two new species of catshark (Carcharhiniformes: Scyliorhinidae) from the Indo-West Pacific, *Zootaxa* **1639:** 1–21.

**22. White, W.T.,** Last, P.R. & Stevens, J.D. (2007) *Cirrhigaleus australis* n. sp., a new Mandarin dogfish (Squaliformes: Squalidae) from the south-west Pacific. *Zootaxa* **1560:** 19–30.

**21. White, W.T.** (2007) Aspects of the biology of carcharhiniform sharks in Indonesian waters. *Journal of the Marine Biological Association of the United Kingdom* **87:** 1269–1275.

**20. White, W.T.** (2007) Catch composition and reproductive biology of whaler sharks (Carcharhiniformes: Carcharhinidae) caught by fisheries in Indonesia. *Journal of Fish Biology* **71:** 1512–1540.

**19. White, W.T.** (2007) Biological observations on lamnoid sharks (Lamniformes) caught by fisheries in eastern Indonesia. *Journal of the Marine Biological Association of the United Kingdom* **87:** 781–788.

**18. White, W.T.** & Dharmadi (2007) Species and size compositions and reproductive biology of rays (Chondrichthyes, Batoidea) caught in target and non-target fisheries in eastern Indonesia. *Journal of Fish Biology* **70:** 1809–1837.

**17.\*** Marshall, L.J., **White, W.T.** & Potter, I.C. (2007) Reproductive biology and diet of the southern fiddler ray *Trygonorrhina fasciata* (Batoidea: Rhinobatidae), an important trawl bycatch species. *Marine and Freshwater Research* **58:** 104–115.

**16. White W.T.** & Cavanagh, R. (2007) Whale shark landings in Indonesian artisanal shark and ray fisheries. *In*: T.R. Irvine & J.K. Keesing (eds) *Whale Sharks: Science, Conservation and Management. Proceedings of the First International Whale Shark Conference, 9-12 May 2005 Australia. Fisheries Research* **84:** 128–131.

**15. White, W.T.**, Giles, J., Dharmadi & Potter, I.C. (2006) Data on the bycatch fishery and reproductive biology of mobulid rays (Myliobatiformes) in Indonesia. *Fisheries Research* **82:** 65–73.

**14.** Last, P.R., **White, W.T.** & Fahmi (2006) *Rhinobatos jimbaranensis* sp. nov. and *R. penggali* sp. nov., two new shovelnose rays (Batoidea: Rhinobatidae) from eastern Indonesia. *Cybium* **30(3):** 235–246.

**13. White, W.T.** & Last, P.R. (2006) Description of two new species of smooth-hounds, *Mustelus widodoi* and *M. ravidus* (Carcharhiniformes: Triakidae) from the Western Central Pacific. *Cybium* **30(3):** 235–246.

**12.** Kyne, P.M., Johnson, J.W., **White, W.T.** & Bennett, M.B. (2005)First records of the false catshark *Pseudotriakis microdon* Capello, 1868 from the waters of eastern Australia and Indonesia. *Memoirs of the Queensland Museum* **51:** 525–530.

**11. White, W.T.,** Last, P.R. & Compagno, L.J.V. (2005) Description of a new species of weasel shark, *Hemigaleus australiensis* n. sp. (Carcharhiniformes: Hemigaleidae) from Australian waters. *Zootaxa* **1077:** 37–49.

**10.** Jones, A.A., **White, W.T.** & Potter, I.C. (2005)A hermaphroditic Port Jackson shark, *Heterodontus portusjacksoni,* with complete and separate female and male reproductive tracts. *Journal of the Marine Biological Association of the United Kingdom* **85:** 1171–1172.

**9.** Motomura, H., Last, P.R. & **White, W.T.** (2005) First records of a scorpionfish, *Maxillocosta raoulensis* (Scorpaeniformes, Neosebastidae), from the Tasman Sea, with fresh colour notes for the species. *Biogeography* **7:** 85–90.

**8. White, W.T.,** Last, P.R. & Dharmadi (2005) Description of a new species of catshark, *Atelomycterus baliensis* (Carcharhiniformes: Scyliorhinidae) from eastern Indonesia. *Cybium* **29(1):** 33–40.

**7. White, W.T.** & Potter, I.C. (2005) Reproductive biology, size and age compositions and growth of the batoid *Urolophus paucimaculatus*, including comparisons with other species of Urolophidae. *Marine and Freshwater Research* **56:** 101–110.

**6. White, W.T.,** Fahmi, Adrim, M. & Sumadhiharga, K. (2004) A juvenile megamouth shark *Megachasma pelagios* (Lamniformes: Megachasmidae) from northern Sumatra, Indonesia. *Raffles Bulletin of Zoology* **52:** 603–607.

**5. White, W.T.** & Potter, I.C. (2004) Habitat partitioning among four species of elasmobranch in nearshore, shallow waters of a sub-tropical embayment. *Marine Biology* **145:** 1023–1032.

**4. White, W.T.**, Platell, M.E. & Potter, I.C. (2004) Comparisons between the diets of four abundant species of elasmobranchs in a subtropical embayment: implications for resource partitioning. *Marine Biology* **144:** 439–448.

**3. White W.T.**, Hall N.G. & Potter I.C. (2002b) Size and age compositions and reproductive biology of the nervous shark *Carcharhinus cautus* in a large subtropical embayment, including an analysis of growth during pre- and postnatal life. *Marine Biology***141:** 1153–1164.

**2. White W.T.**, Hall N.G. & Potter I.C. (2002a) Reproductive biology and growth during pre- and postnatal life of *Trygonoptera personata* and *T. mucosa* (Batoidea: Urolophidae). *Marine Biology* **140:** 699–712.

**1. White W.T.**, Platell M.E. & Potter I.C. (2001) Relationship between reproductive biology and age composition and growth in *Urolophus lobatus* (Batoidea: Urolophidae). *Marine Biology* **138:** 135–147.

\**including a supervised research student as an author*

**Refereed, non-journal articles**

**31.** Last, P.R., Pogonoski, J.J. & **White, W.T.** (2010) A new wobbegong shark, *Orectolobus leptolineatus* sp. nov. (Orectolobiformes: Orectolobidae), from the Western Central Pacific, pp. 1–16. *In*: P.R. Last, W.T. White, J.J. Pogonoski (eds) Descriptions of New Sharks and Rays from Borneo. *CSIRO Marine and Atmospheric Research Paper 032*, 165 pp.

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**18.** Kyne, P.M., Kazunari Yano & **White, W.T.** (2004) *Pseudotriakis microdon*. *In*: IUCN 2006. *2006 IUCN Red List of Threatened Species.* [www.iucnredlist.org](http://www.iucnredlist.org).

**15-17. White, W.T.** (2004) *Bythaelurus alcocki*; *Bythaelurus hispidus*; *Bythaelurus immaculatus*. *In*: IUCN 2006. *2006 IUCN Red List of Threatened Species.* [www.iucnredlist.org](http://www.iucnredlist.org).

**14.** Compagno, L.J.V., **White, W.** & Fowler, S. (2003) *Carcharhinus hemiodon*. *In*: IUCN 2006. *2006 IUCN Red List of Threatened Species.* [www.iucnredlist.org](http://www.iucnredlist.org).

**13.** Lisney, T.J. & **White, W.T.** (2003) *Aulohalaelurus labiosus*. *In*: IUCN 2006. *2006 IUCN Red List of Threatened Species.* [www.iucnredlist.org](http://www.iucnredlist.org).

**3-12. White, W.T.** (2003). *Atelomycterus fasciatus*; *Atelomycterus macleayi*; *Atelomycterus marmoratus*; *Bythaelurus* sp. nov. A; *Carcharhinus sealei*; *Centrophorus squamosus*; *Cephaloscyllium laticeps*; *Cirrhigaleus barbifer*; *Hemitriakis abdita*; *Hemipristis elongatus*. *In*: IUCN 2006. *2006 IUCN Red List of Threatened Species.* [www.iucnredlist.org](http://www.iucnredlist.org).

**2. White, W.T.** & McAuley, R. (2003) *Rhinobatos typus*. *In*: IUCN 2006. *2006 IUCN Red List of Threatened Species.* [www.iucnredlist.org](http://www.iucnredlist.org).

**1. White, W.T.** & McAuley, R. (2003) *Rhynchobatus australiae*. *In*: IUCN 2006. *2006 IUCN Red List of Threatened Species.* [www.iucnredlist.org](http://www.iucnredlist.org).

**Conferences and workshops**

**Invited talks**

**5.** “The chondrichthyan fishery of Indonesia”, in the International Workshop and Conference on Biodiversity and Conservation of Chondrichthyes of Taiwan, Taiwan, 2012.

**4.** “Taxonomy and shark identification”, in the Shark Conservation in Arabia Workshop, Dubai, United Arab Emirates, 2012. (guest speaker)

**3.** “The importance of good taxonomy”, in the Oceania Chondrichthyan Society (OCS) annual conference and workshop, Gold Coast, Australia, 2012. (keynote workshop presentation).

**2.** “The chondrichthyan fishery of Indonesia”, invited speaker by Prof. Yvonne Sadovy at The University of Hong Kong, 2009.

**1.** “Taxonomic revision of the gulper sharks (Centrophoridae: *Centrophorus*) in Australian waters: a case study on the importance of taxonomic research”, in the Oceania Chondrichthyan Society (OCS) inaugural conference, Queenscliff, Victoria, 2007. (keynote presentation).

**Other talks presented at conferences or workshops**

**13.** “Redescription of *Centrophorus granulosus* (Squaliformes, Centrophoridae), a senior synonym of *C. acus* and *C. niaukang*”, in the 9th Indo-Pacific Fish Conference, Okinawa, Japan, 2013.

**12.** “The importance of good taxonomy”, in the American Elasmobranch Society (AES) conference, Vancouver, Canada, 2012

**11.** “Beyond FISHBOL: strengths and weaknesses of the approach”, in the International Barcode of Life Conference, Adelaide, Australia, 2011.

**10.** “Taxonomic studies on carcharhinid sharks from Borneo”, in the Sharks International Conference, Cairns, Australia, 2010.

**9.** “Biodiversity and biogeography of tropical marine chondrichthyans”, in the European Elasmobranch Association Annual Conference, Majorca, Spain, 2009.

**8.** “Biodiversity and biogeography of tropical marine chondrichthyans”, 8th Indo-Pacific Fish Conference, Perth, Australia, 2009.

**7.** “The Bycatch Fishery for Mobulid Rays in Eastern Indonesia”, in the American Elasmobranch Society (AES) conference, Montreal, Canada, 2008.

**6.** “DNA barcoding the chondrichthyans of Australia and adjacent regions”, in the Oceania Chondrichthyan Society (OCS) inaugural conference, Queenscliff, Victoria, 2007.

**5.** “Elasmobranch Fisheries in Eastern Indonesia: the target shark longline fishery in Lombok”, in the Australian Society for Fish Biology (ASFB) annual conference, Hobart, Tasmania, 2006.

4. “The Elasmobranchs of Eastern Indonesia: characterisation of the fauna based on surveys of fish landing sites”, in the 7th Indo-Pacific Fish Conference, Taipei, Taiwan, 2005.

**3.** “Artisanal Elasmobranch Fisheries in South-Eastern Indonesia: The Target Longline Fishery for Sharks in Lombok”, in the 7th Annual Asian Fisheries Forum, Penang, Malaysia, 2004.

**2.** “Artisanal Elasmobranch Fisheries in South-Eastern Indonesia: The Target Fishery for Large Batoids”, in the Australian Society for Fish Biology (ASFB) annual conference, Wellington, New Zealand, 2003.

**1.** “Preliminary investigation of artisanal deepsea chondrichthyan fisheries in south-eastern Indonesia”, in the Conservation and Management of Deepsea Chondrichthyan Fishes workshop (IUCN), Portobello, New Zealand, 2003.

**Posters**

1. “Whale shark landings in Indonesia”, in the International Whale Shark Conference, Perth, Australia, 2005.

Workshops invited to attend

2007: IUCN Shark Specialist Group Red List Workshop in Anilao, Philippines, on South-east Asian chondrichthyans.

2004: IUCN Shark Specialist Group Red List Workshop in Cape Town, South Africa, on batoids.

2003: IUCN Shark Specialist Group Red List Workshop in Dunedin, New Zealand, on deepwater chondrichthyans.

2003: IUCN Shark Specialist Group Red List Workshop on Stradbroke Island, Queensland, on Australasian chondrichthyans.

**Editorial roles**

**Special issues**

**7. White, W.T.**, Blaber, S.J.M. & Craig, J.F. (eds) (2012) The Current Status of Elasmobranchs: Biology, Fisheries and Conservation. *Journal of Fish Biology* (Special Issue), 80 (5), 897-2121.

**Role:** invited lead editor of this special issue; handling 96 papers submitted to this issue (51 accepted).

**6.** Ebert, D.A., McElroy, D. & **White, W.T.** (eds) (2012) Special Issue: Feeding Ecology of Elasmobranchs. *Environmental Biology of Fishes*, 95(1): 1-183. [proceedings of the American Elasmobranch Society conference, Rhode Island, 2010]

**Role:** co-editor, handling 3 of the papers submitted to this special issue.

**5.** Simpfendorfer, C., Heupel, M., **White, W.**, Francis, M. & Dulvy, N. (eds) (2011) Shark Biology, Ecology and Management. *Marine and Freshwater Research Special Issue*, 62 (6): 517-779. [proceedings of the Sharks International Conference, June 2010]

**Role:** co-editor, handling7 of the papers submitted to this special issue.

**4.** Last, P.R., **White, W.T.** & Pogonoski, J.J. (eds) (2010). Descriptions of New Sharks and Rays from Borneo. *CSIRO Marine and Atmospheric Research Paper 032*, 165 pp.

**Role:** co-editor; coordinated review process for all papers; used InDesign to design and layout papers.

**3.** Last, P.R., **White, W.T.** & Pogonoski, J.J. (eds) (2008). Descriptions of New Australian Chondrichthyans. *CSIRO Marine and Atmospheric Research Paper* *022*, 358 pp.

**Role:** co-editor; coordinated review process for all papers; used InDesign to design and layout papers.

**2.** Last, P.R., **White, W.T.**, Pogonoski, J.J. & Gledhill, D.C. (eds) (2008). Descriptions of new Australian skates (Batoidea: Rajoidei). *CSIRO Marine and Atmospheric Research Paper* *021*, 181 pp.

**Role:** co-editor; coordinated review process for all papers; used InDesign to design and layout papers.

**1.** Last, P.R., **White, W.T.** & Pogonoski, J.J. (eds) (2007). Descriptions of new dogfishes of the genus *Squalus* (Squaloidea: Squalidae). *CSIRO Marine and Atmospheric Research Paper* 014, 130 pp.

**Role:** co-editor; coordinated review process for all papers; used InDesign to design and layout papers.

**Editorial board roles**

**1.** *Ichthyological Research* (Springer), 2011-present

**Role:** Handled 6 papers to date.

**Supervisory and mentoring roles**

**Students**

**Pending:** John Pogonoski, PhD Student, James Cook University, Townsville, QLD and CSIRO, Hobart, TAS (co-supervisor).

**Pending:** TBA, University of Tasmania and CSIRO, Hobart, TAS (co-supervisor).

**2013– present:** Jonathan Smart, PhD Student, James Cook University, Townsville, QLD and CSIRO, Hobart, TAS (co-supervisor); received CSIRO top-up scholarship in 2014.

**2013– present:** Sirachai Arunrugstichai, Masters student, Prince of Songkla University, Thailand (co-supervisor)

**2011– present:** Cassandra Rigby, PhD Student, James Cook University, Cairns, QLD (co-supervisor)

**2011:** Mick Drew, Honours student, Flinders University, Adelaide, SA (co-supervisor)

**2006:** Emma Sommerville, Honours student, Murdoch University, Perth, WA (lead supervisor)

**2005:** Claire Bartron, Honours student, Murdoch University, Perth, WA (lead supervisor)

**2004:** Lindsay Marshall, Honours student, Murdoch University, Perth, WA (lead supervisor)

**Mentoring**

**2013–present:** Igbal Elhassan,University of Juba, Sudan.

**Role:**  Assisted with taxonomic identification of sharks and rays recorded during her surveys of fish landing sites and assisting with obtaining funding for her to continue her work in Sudan and adjacent regions for which there is currently limited accurate data.

**2013:** Patricia Larocca, James Cook University, Townsville, QLD.

**Role:** Provided vertebral samples, data and collection information for Patricia’s Honours project on several ray species from Indonesia.

**2013:** Benedict Kyalo Kiilu, Provincial Director of Fisheries Office, Mombasa, Kenya.

**Role:** Provided basic sampling gear, reading material and information on undertaking biological studies on sharks in Kenya.

**2012–present:** K.V. Akhilesh and K.K. Bineesh,Central Marine Fisheries Research Institute, Cochin, India.

**Role:** Assisted with taxonomic identification of sharks and rays from India and assisted with scientific writing skills which resulted in 5 international journal publications.

**2003–2007:** Fahmi, Indonesian Institute of Sciences, Jakarta, Indonesia.

**Role:** Provided training on taxonomy and biology of sharks and rays during two ACIAR projects in Indonesia, and on scientific writing and improving spoken and written English. Training allowed Fahmi to obtain a scholarship to undertake his Masters in Australia during these projects.

**2002– present:** Dharmadi, Research Centre for Fisheries and Conservation Management, Jakarta, Indonesia.

**Role:** Provided training on taxonomy and biology of sharks, rays and bony fishes during three ACIAR projects in Indonesia, and on scientific writing and improving spoken and written English. Co-author on 12 publications emanating from these projects.

**Refereeing roles**

**Journals**

Marine Biodiversity Records (since 2013)

Cybium (since 2012)

Reviews in Fish and Fisheries (since 2011)

Aqua, international journal of Ichthyology (since 2011)

Marine Biology (since 2010)

Marine Research in Indonesia (2010)

Zootaxa (since 2008)

Journal of the Marine Biological Association of the United Kingdom (since 2007)

Journal of Fish Biology (since 2006)

Environmental Biology of Fishes (since 2006)

Marine and Freshwater Research (since 2005)

NAGA the Worldfish Quarterly (since 2005)

ICES Journal of Marine Science (since 2005)

Zoological Studies (since 2005)

NAFO Journal of Northwest Atlantic Fishery Science (since 2004)

Acta Adriatica (since 2004)

Fishery Bulletin (since 2004)

**Book reviews**

**2.** White, W.T. (2013) Review of Atlantic and Eastern Pacific Anthiine fishes (Teleostei: Perciformes: Serranidae), with descriptions of two new genera. *Marine Biology Research*, 9(10): 1037-1038.

**1.** de Maddalena, A. *Sharks, Predatory Tactics and Diet of the Sea Hunters.* University of Western Australia (UWA) Press (2005), Perth – rejected.

**Thesis reviews**

**2.** Lam, V.Y.Y. (2009) *The shark fisheries of southern China and the reproductive biology of the spadenose shark,* Scoliodon laticaudus. Masters’ Thesis, The University of Hong Kong.

**1.** Jacobsen, I. (2007) *Biology of Five Benthic Elasmobranch Species from Northern and North-eastern Australia, Including a Taxonomic Review of Indo-West Pacific Gymnuridae*. PhD Thesis, University of Queensland.

**Conferences Organised**

**1.** 2nd Oceania Chondrichthyan Society workshop and conference, Sydney, Australia, 2008. Head of the organising committee.

**Committee Membership**

**The Ichthyological Society of Japan:** member (2014 – present).

**IUCN Shark Specialist Group (SSG):** member (2003 – present); co-Chair of Taxonomy(2012 – present).

**Oceania Chondrichthyan Society (OCS):** member (2007 – present); president (2007–2010); secretary (2011); committee member (2012 – present).

**American Elasmobranch Society (AES):** member (2007–2010).

**Australian Society for Fish Biology (ASFB): member** (2003– present).

**National Shark Recovery Group, Environment Australia** (2003–2004).

CSIRO Proposals

Principal Investigator

2. “Sustainable management of the shark resources of Papua New Guinea: socioeconomic and biological characteristics of the fishery” ACIAR, Successful proposal (2013–present)

Value: Total = $1.52 million; External total = $1.04 million.

1. “Implementing rapid assessment protocols for assessing catch composition from small scale fisheries in the Bay of Bengal.” BOLBME/FAO, Successful proposal (2013–present)

Value: Total = $105K; External total = $64K.

Collaborating agencies

Key external agencies/institutions with which collaborative research is currently being undertaken:

Universidade de São Paulo, Brazil – taxonomic research on sharks and rays with several staff and PhD students (M.R. de Carvalho, D.F.B. Vaz and L. Yokota)

College of Charleston, USA – collaborating on numerous papers and on the NSF Tree of Life project (G.J.P. Naylor and S. Corrigan)

National Museum of Marine Biology & Aquarium, Taiwan – collaborating on shark and ray biodiversity research in the Northwest Pacific (H.-C. Ho)

Universität Hamburg, Germany – taxonomic research on sharks in Western Indian Ocean (S. Weigmann and M.F.W. Stehmann)

Western Australian Museum – taxonomic research on carpetsharks and snappers (G. Allen)

Nagasaki University, Japan – taxonomic research on rays in Japanese waters (A. Yamaguchi and K. Furumitsu)

Central Marine Fisheries Research Institute, India – taxonomic research on Indian fishes (K.V. Akhilesh and K.K. Bineesh)

Indonesian Institute of Sciences, Jakarta – taxonomic research on Indonesian fishes (Fahmi)

James Cook University, Australia – supervision of PhD students and collaboration on ACIAR project (C. Simpfendorfer, A. Chin and J. Smart)

Muséum national d’Histoire naturelle, Paris – taxonomic research on sharks (B. Séret and S. Iglésias)

**New taxa described**

As lead author: 19 sharks, 1 ray and 3 teleosts

As co-author: 20 sharks, 12 rays, 4 chimaeras and 4 teleosts

**Other Relevant Information**

* Advanced diver certification and a regular recreational diver (>600 logged dives)
* Apply First Aid course (completed December 2013)
* Boatsmart boating safety course certification (Western Australia)
* ‘A' class drivers license
* Off-road driving and recovery training course (2002)
* Attended PRIMER 5 workshop presented by Dr Bob Clarke (2002)

**Referees**

**Dr Dave Ebert Dr Gavin Naylor**

Pacific Shark Research Center, Department of Biology,

Moss Landing Marine Laboratories, College of Charleston,

8272 Moss Landing Road, Charleston, SC, 29401

Moss Landing, CA 95039, USA Email: [gjpnaylor@gmail.com](mailto:gjpnaylor@gmail.com)

Email: [debert@mlml.calstate.edu](mailto:debert@mlml.calstate.edu)

**Dr Stephen Blaber Dr Peter Last**

CSIRO Marine Research, Australian National Fish Collection,

Dutton Park, Brisbane, QLD CSIRO Marine Laboratories,

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Burnaby, Canada

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