

## Publications: Mark D. Norman

### Scientific papers

- Strugnell, J., Cherel, Y., Cooke, I.R., Gleadall, I.G., Hochberg, F.G., Ibáñez, C.M., Jorgensen, E., Laptikhovskiy, V.V., Linse, K., Norman, M.D., Vecchione, M., Voight, J.R. and A.L. Allcock. 2010. The Southern Ocean: Source and sink? *Deep-Sea Research II* (accepted January 2010).
- Finn, J.K. and Norman, M.D. (2010): The argonaut shell: gas-mediated buoyancy control in a pelagic octopus. *Proceedings of the Royal Society of London B: Biological Sciences*: 277: 1-5.
- Finn, J., Tregenza, T. and M.D. Norman, 2009. Defensive tool use in a coconut-carrying octopus. *Current Biology*, R1069-R1070.
- Norman, M.D. Boucher-Rodoni, R. and F.G. Hochberg, 2009. A new genus and two new species of mesobenthic octopuses from Australia and New Caledonia. *Journal of Molluscan Studies*, 75: 323–336.
- Finn, J., Tregenza, T. and M.D. Norman, 2009, Preparing the perfect cuttlefish meal: Complex prey handling by dolphins. *PLoS ONE*, 4(1).
- Villanueva, R. and M.D. Norman. 2008. Biology of the planktonic stages of benthic octopuses. *Oceanography and Marine Biology: An Annual Review*, 46: 105-202.
- Hochberg, F.G., M.D. Norman and J. Finn. 2006. *Wunderpus photogenicus* n. gen. and sp., a new octopus from the shallow waters of the Indo-Malayan Archipelago (Cephalopoda: Octopodidae). *Molluscan Research*, 26(3): 128-140.
- Norman, M.D. and T. Kubodera. 2006. Taxonomy and biogeography of an Australian subtropical octopus with Japanese affinities. *Proceedings of the 7<sup>th</sup> and 8<sup>th</sup> Symposia on Collection Building and Natural History Studies in Asia and the Pacific Rim, National Science Museum Monographs*, (34): 171-189.
- Strugnell, J., Norman, M.D. and A. Cooper. 2006. DNA from beach-washed shells of the Ram's horn squid (*Spirula spirula*) (Linnaeus 1758). *Bulletin of Marine Science*, 78(2): 389-391(3).
- Norman, M.D. and F.G. Hochberg. 2005. The "Mimic Octopus" (*Thaumoctopus mimicus* n. gen. et sp.), a new octopus from the tropical Indo-West Pacific (Cephalopoda: Octopodidae). *Molluscan Research*, 25(2): 57-70.
- Pichon, D., V. Gaia, M.D. Norman and R. Boucher-Rodoni. 2005. Phylogenetic diversity of epibiotic bacteria in the accessory nidamental glands of squids (Cephalopoda: Loliginidae and Idiosepiidae). *Marine Biology*, 147(6): 1323-1332.
- Guzik, M.T., M.D. Norman and R. Crozier. 2005. Molecular phylogeny of the benthic shallow-water octopuses (Cephalopoda: Octopodinae). *Molecular Phylogenetics and Evolution*, 37: 235-248.
- Strugnell, J., M.D. Norman, J. Jackson, A. Drummond and A. Cooper. 2005. Molecular phylogeny of coleoid cephalopods (Mollusca: Cephalopoda) using a multigene approach; the effect of data partitioning on resolving phylogenies in a Bayesian framework. *Molecular Phylogenetics and Evolution*, 37 (2): 426-441.
- Norman, M.D., F.G. Hochberg and R. Boucher-Rodoni. 2005. A revision of the deep-water octopus genus *Scaevurgus* (Cephalopoda: Octopodidae) with description of three new species from the south-west Pacific Ocean. *Journal of Molluscan Studies*, 71: 319-337.
- Norman, M.D. and F.G. Hochberg. 2005. The current state of octopus taxonomy. Proceedings of the International Workshop and Symposium of Cephalopod International Advisory Council, Phuket, 2003. *Phuket Marine Biological Center Special Publication*, 66: 127-154.
- Finn, J., M.D. Norman and F.G. Hochberg. 2005. Phylum Dicyemida in Australian waters: first record and distribution across diverse cephalopod hosts. Proceedings of the International Workshop and Symposium of Cephalopod International Advisory Council, Phuket, 2003. *Phuket Marine Biological Center Special Publicatio*, 66: 83-96.
- Norman, M.D., F.G. Hochberg and R. Boucher-Rodoni. 2004. *Microeledone mangoldi* n. gen. and n. sp., a deep-water pygmy octopus from the Norfolk Ridge, New Caledonia (Cephalopoda: Octopodidae). *Molluscan Research*, 24(3): 193-209.
- Norman, M.D. R. Boucher and F.G. Hochberg. 2004. The Sharkclub Octopus, *Galeoctopus lateralis*, a new genus and species of deep-water octopus from the western Pacific Ocean (Cephalopoda: Octopodidae). *Journal of Molluscan Studies*, 70: 247-256.
- Strugnell, J. M.D. Norman, A. Drummond and A. Cooper. 2004. Neotenous origins for pelagic octopuses. *Current Biology*, 14: R300-R301.
- Norman, M.D., Paul, D., Finn, J. and T. Tregenza. 2002. First live encounter with a male of the most sexually size dimorphic large animal on earth. *New Zealand Journal of Marine and Freshwater Research*, 36: 733-736.
- Norman, M.D. 2001. New octopus species from Queensland, Australia. *Memoirs of the Queensland Museum*, 46(2): 677-690.
- Norman, M.D., J. Finn and T. Tregenza. 2001. Dynamic mimicry in an Indo-Malayan octopus. *Proceedings of the Royal Society, London*, 268: 1755-1758.
- Norman, M.D. and J. Finn. 2001. Revision of the *Octopus horridus* species group with description of two member species from the Great Barrier Reef, Australia. *Invertebrate Taxonomy*, 15: 13-35.

- Norman, M.D. and C.C. Lu. 2000. Preliminary checklist of the cephalopods of the South China Sea. Special edition on the Biodiversity of the South China Sea, *Bulletin of the Raffles Museum, Singapore*, 8: 539-567.
- Nateewathana, A. and M.D. Norman. 1999. On three new species of ocellate octopuses (Cephalopoda: Octopoda) from Thai waters. *Phuket Marine Biological Center Special Publication*, 19(2): 445-462.
- Norman, M.D., J. Finn and T. Tregenza. 1999. Female impersonation as an alternative reproductive strategy in giant cuttlefish. *Proceedings of the Royal Society, London*, 266: 1347-1349 (written up in *New Scientist*, 17 July 1999).
- Condon, R. and M.D. Norman. 1999. Commensal associations between the hyperiid amphipod, *Themisto australis*, and the scyphozoan jellyfish, *Cyanea capillata*. *Marine and Freshwater Behaviour and Physiology*.32: 261-267.
- Turner, M.L. and M.D. Norman, 1998. Fishes of Wilsons Promontory and Corner Inlet, Victoria: composition and biogeographic affinities. *Memoirs of the Museum of Victoria*, 57(1): 143-165.
- Norman, M.D. and C.C. Lu. 1997b. Sex in Giant Squid. *Nature*, 389: 683-684.
- Norman, M.D. and C.C. Lu. 1997a. Redescription of the Southern Dumpling Squid *Euprymna tasmanica* Pfeffer, 1884 of southern Australian waters and revision of the Indo-West Pacific genus *Euprymna* (Cephalopoda: Sepiolidae). *Journal of the Marine Biological Association*, 77: 1109-1137.
- Norman, M.D., F.G. Hochberg and C.C. Lu. 1997. Mollusca Cephalopoda: Mid-depth octopuses (200-1000 m) of the Banda and Arafura Seas (Octopodidae and Alloposidae). In: A. Crosnier & P. Bouchet (eds), Résultats des Campagnes MUSORSTOM, Volume 16. *Bulletin de Museum National d'Histoire Naturelle, Paris*, 172: 357-383.
- Norman, M.D. and M.J. Sweeney. 1997. The shallow-water octopuses (Cephalopoda: Octopodinae) of the Philippine Islands. *Invertebrate Taxonomy*, 11: 89-140.
- Norman, M.D. and G.J. Sant. 1995. Conservation issues for marine invertebrates in Victorian waters. In: Yen, A. and T. New (eds), "Conservation of Invertebrates", *Victorian Naturalist* special edition, 112:20-28.
- Norman, M.D. and F.G. Hochberg. 1994. Shallow-water octopuses (Cephalopoda: Octopodidae) of Hong Kong territorial waters. In: Morton, B. (ed) *The Malacofauna of Hong Kong and southern China III, Proceedings of the Third International Workshop on the Malacofauna of Hong Kong and southern China*, 141-160. Hong Kong University Press.
- Norman, M.D. 1993d. *Octopus ornatus* Gould, 1852 (Cephalopoda: Octopodidae) in Australian waters: morphology, distribution and life history. *Proc. Biological Society of Washington*, 106(4): 645-660.
- Stranks, T. and M.D. Norman. 1993. Review of the *Octopus australis* complex (Cephalopoda: Octopodidae) and description of a new species. *Memoirs of the Museum of Victoria* (1992), 53(2): 345-373.
- Norman, M.D. 1993b. Ocellate octopuses (Cephalopoda: Octopodidae) of the Great Barrier Reef, Australia: description of two new species and redescription of *Octopus polyzenia* Gray, 1849. *Memoirs of Museum of Victoria* (1992), 53(2): 309-344.
- Norman, M.D. 1993a. Four new species of the *Octopus macropus* group (Cephalopoda: Octopodidae) from the Great Barrier Reef Australia. *Memoirs of the Museum of Victoria* (1992), 53(2): 267-308.
- Norman, M.D. 1992b. *Ameloctopus litoralis* gen. & sp. nov. (Cephalopoda: Octopodidae), a new shallow-water octopus from tropical Australian waters. *Invertebrate Taxonomy*, 6: 567-582.
- Norman, M.D. 1992a. *Octopus cyanea* Gray, 1849 (Mollusca: Cephalopoda) in Australian waters: description, distribution and taxonomy. *Bulletin of Marine Science*, 49(1-2): 20-38.
- Jones, G.P. and M.D. Norman. 1986. Feeding selectivity in relation to territory size in a herbivorous reef fish. *Oecologia* (Berlin) 68: 549-556.
- Norman, M.D. and G.P. Jones. 1984. Determinants of territory size in the pomacentrid reef fish, *Parma victoriae*. *Oecologia* (Berlin) 61: 60-69.

### Books (science)

- Goudie, L., Norman, M.D. and J. Finn (in press). *Sponges*. Museum Victoria Publishing, Melbourne.
- Norman, M.D. and F.G. Hochberg, 2009. Volume 3: Octopuses. In: Roper, C.F.E. and P. Jereb (eds). *Cephalopods of the World: FAO Species Catalogue*. Food and Agriculture Organization, United Nations, Rome (in press).
- Wilson, R., Norman, M.D. and A. Symme. 2008. *An Introduction to Marine Life*. Museum Victoria Publishing, Melbourne, 166 pp.
- Norman, M.D. 2000. *Cephalopods: a World Guide*. IKAN Publishing, Frankfurt, 320 pp.
- Norman, M.D. and A. Reid. 2000. *A guide to squid, cuttlefish and octopuses of Australasia*. CSIRO and Gould League of Victoria, Melbourne, 96 pp.

### Book chapters (science)

- Norman, M.D. and T. Tregenza, 2007. Mimicry as deceptive resemblance: beyond the one-trick ponies. Pp. 441-453. In: *Imitation and Social Learning in Robots, Humans and Animals: Behavioural, Social and Communicative Dimensions*, Cambridge University Press.
- Norman, M.D. 1999. Octopuses and their relatives. In: Andrews, N. (ed). *Under Southern Seas*. University of New South Wales Press, Sydney. Pp. 86-97.
- O'Hara, T., P. McShane and M.D. Norman. 1999. Victoria. In: Andrews, N. (ed). *Under Southern Seas*. University of New South Wales Press, Sydney. Pp. 20-29.
- Dunning, M., M.D. Norman and A. Reid. 1998. Cephalopoda: Introduction and general remarks. Pp. 688-708. In: Carpenter, K.E. and V.H. Niem (eds). *FAO Species Identification Guide for fishery purposes. The living marine resources of the Western Central Pacific. Volume 2. Cephalopods, crustaceans, holothurians and sharks*. Rome, FAO. pp. 687-1396.
- Norman, M.D. 1998. Family Octopodidae, Benthic octopuses. Pp. 800-826. In: Carpenter, K.E. and V.H. Niem (eds). *FAO Species Identification Guide for fishery purposes. The living marine resources of the Western Central Pacific. Volume 2. Cephalopods, crustaceans, holothurians and sharks*. Rome, FAO. pp. 687-1396.
- Norman, M.D. and A. Reid. 1998. Family Sepiadariidae, Bottle squids, Bottletail squids. Pp. 719-720. In: Carpenter, K.E. and V.H. Niem (eds). *FAO Species Identification Guide for fishery purposes. The living marine resources of the Western Central Pacific. Volume 2. Cephalopods, crustaceans, holothurians and sharks*. Rome, FAO. pp. 687-1396.
- Reid, A. and Norman, M.D. 1998. Family Sepiolidae, Bobtail squids. Pp. 712-718. In: Carpenter, K.E. and V.H. Niem (eds). *FAO Species Identification Guide for fishery purposes. The living marine resources of the Western Central Pacific. Volume 2. Cephalopods, crustaceans, holothurians and sharks*. Rome, FAO. pp. 687-1396.

### Other publications (including education)

- Norman, M.D. and D. Paul. 2010. *Into the Deep: life through the depths of the ocean*. Black Dog Books, Fitzroy, Australia. 32 pp (children's book).
- Norman, M.D. 2010. *Koalas: the real story*. Black Dog Books, Fitzroy, Australia, 32 pp (children's book).
- Norman, M.D. 2010. *Poles apart: life at both ends of the Earth*. Black Dog Books, Fitzroy, Australia, 32 pp (children's book).
- Norman, M.D. 2009. *The Great Barrier Reef Book: Solar Powered*. Black Dog Books, Fitzroy, Australia, 30 pp (children's book). Winner of Whitley Award, Royal Zoological Society of New South Wales (2009).
- Norman, M.D. 2009. *The Octopus's Garden*. Black Dog Books, Fitzroy, Australia, 30 pp (children's DVD information book).
- Norman, M.D. 2008. *The Shark Book: Fish with Attitude*. Black Dog Books, Fitzroy, Australia, 30 pp (children's book). Winner of Whitley Award, Royal Zoological Society of New South Wales (2008).
- Norman, M.D. 2007. Monster warning to protect oceans. BBC News website, Green Room Viewpoint article, <http://news.bbc.co.uk/2/hi/science/nature/6549161.stm>
- Norman, M.D. 2007. *The Antarctica Book: Living in the Freezer*. Black Dog Books, Fitzroy, Australia, 30 pp (children's book). Winner of 2008 Australian Publishing Association Awards for Excellence in Educational Publishing.
- Norman, M.D. and J. Finn. 2006. ArgoSearch website: [www.argosearch.org.au](http://www.argosearch.org.au).
- Norman, M.D. 2006. *The Penguin Book: Birds in Suits*. Black Dog Books, Fitzroy, Australia, 30 pp (children's book). Winner of Children's Book Council of Australia, Eve Pownall Award for Information Books (2007) and Whitley Award, Royal Zoological Society of NSW (2007).
- Norman, M.D. 2006. Marine Molluscs. Pp. 272-292. In: *Melbourne's Wildlife: A field guide to the fauna of Greater Melbourne*. Museum Victoria, Melbourne. 348 pp.
- Norman, M.D. 2006. Jelly-like or free-floating animals. Pp. 257-261. In: *Melbourne's Wildlife: A field guide to the fauna of Greater Melbourne*. Museum Victoria, Melbourne. 348 pp.
- Hochberg, F.G., Norman, M.D. and C. Huffard. 2005. Summary of the CIAC octopus workshop, Phuket, Thailand, 17-18 February 2003. Proceedings of the International Workshop and Symposium of Cephalopod International Advisory Council, Phuket, 2003. Phuket Marine Biological Center Special Publication, 66:5-9.
- Norman, M.D. 2004. Wizards of the Sea. *National Geographic Kids*, October 2004: 38-40.

*Publications: Mark D. Norman (cont).*

- Norman, M.D. 2003. The secret life of.... *Melbourne Weekly Magazine*, 11(5): 12-16.
- Norman, M.D. 2003. Daily Diary (23 May-8 June), Creature Features, NORFANZ deep-sea voyage website: <http://www.oceans.gov.au/norfanz/>
- Norman, M.D. 2002. *Voyage to Antarctica*, Black Dog Book Publishing, Melbourne, 32 pp (children's book).
- Norman, M.D. 2002. *Strange Suckers*, Black Dog Book Publishing, Melbourne, 32 pp (children's book).
- Norman, M.D. 2002. *Shark Girl*, Black Dog Book Publishing, Melbourne, 32 pp (children's book).
- Norman, M.D. 2002. Masters of Mimicry. *Nature Australia*, 26 20-25.
- Norman, M.D. 2002. Cephalopod species treatments (40), Species Bank, Australian Biological Resources Study website: <http://www.deh.gov.au/biodiversity/abrs/online-resources/species-bank/records.html>
- O'Hara, T., M.D. Norman and D. Staples. 2002. Baseline monitoring of *Posidonia* seagrass beds in Corner Inlet, Victoria. Report commissioned by the Natural Resources and Environment, Parks, Flora and Fauna Division, Melbourne.
- Norman, M.D. 2001. A review on the impacts of recreational fishing activities. Report commissioned by the Victorian National Parks Association, Melbourne.
- Foale, S. and M.D. Norman. 2000. Australia's Rock Stars: Giant Cuttlefish. *Natural History*, 109(3): 77-79.
- Norman, M.D. 1999. Riveting sex in the Giant Squids. *Nature Australia Magazine*, Winter, 1999, 24-27.
- Norman, M.D. 1998. Cephalopoda. In: Davie, P., *Wild Guide to Moreton Bay*. Queensland Museum, Brisbane. 408 pp.
- Norman, M.D. 1997. "Octopuses" In: Althorpe, L. (ed), *Reader's Digest Encyclopaedia of Australian Wildlife*. Reader's Digest.
- Norman, M.D. 1997. Australian octopuses: in all shapes and sizes. *Nature Australia Magazine*, Summer, 1997-1998, 40-49.
- Norman, M.D., F.G. Hochberg and K. Mangold. 1996-present. Octopodidae: Octopods, octopuses, devilfishes. "Tree of Life": phylogenetic internet project.
- Phillips, J.U. and M.D. Norman, 1993. Marine habitats and associated flora and fauna. In: Marine and Coastal Special Investigation Descriptive Report. Land Conservation Council report on Victorian Marine Resources. Ministry for Planning and Environment.