

ORBELL, J. D., DAO, H. V., NGEH, L. N. & BIGGER, S. W. 2007. Magnetic particle technology in environmental remediation and wildlife rehabilitation. *Environmentalist*.

DOLPHIN

BACHER, K., ALLEN, S., LINDHOLM, K., BEJDER, L. & KRUTZEN, M. 2010. Genes or culture: are mitochondrial genes associated with tool use in bottlenose dolphins (*Tursiops* sp.)? *Behavioural Genetics*, 40, 706-714.

BELL, C., KEMPER, C. & CONRAN, J. 2002. Common dolphins *Delphinus delphis* in Southern Australia: A morphometric study. *Australian Mammalogy*, 24.

CHILVERS, B. L., CORKERON, P. J., BLANSHARD, W., LONG, T. & MARTIN, A. 2001. A new VHF tag and attachment technique for small cetaceans. *Aquatic Mammals*, 27, 11-15.

CONNOR, R. C. 2007. Dolphin social intelligence: complex alliance relationships in bottlenose dolphins and a consideration of selective environments for extreme brain size evolution in mammals. *Philosophical Transactions of the Royal Society B-Biological Sciences*, 362, 587-602.

CORKERON, P. J. & MARTIN, A. R. 2004. Ranging and diving behaviour of two 'offshore' bottlenose dolphins, *Tursiops* sp., off eastern Australia. *Journal of the Marine Biological Association of the United Kingdom*, 84, 465-468.

HALE, P., BARRETO, A. & ROSS, G. 2000. Comparative morphology and distribution of the *aduncus* and *truncatus* forms of bottlenose dolphin *Tursiops* in the Indian and Western Pacific Oceans. *Aquatic Mammals*, 26, 101-110.

SOTO, A. B., CAGNAZZI, D., EVERINGHAM, Y., PARRA, G. J., NOAD, M. & MARSH, H. 2013. Acoustic alarms elicit only subtle responses in the behaviour of tropical coastal dolphins in Queensland, Australia. *Endangered Species Research*, 20, 271-282.

- BRODERICK, D., OVENDEN, J., SLADE, R. & LANYON, J. M. 2007. Characterization of 26 new microsatellite loci in the dugong (*Dugong dugon*). *Molecular Ecology Notes*, 7, 1275-1277.
- EIGELAND, K. A., LANYON, J. M., TROTT, D. J., OUWERKERK, D., BLANSHARD, W., MILINOVICH, G. J., GULINO, L. M., MARTINEZ, E., MERSON, S. & KLIEVE, A. V. 2012. Bacterial community structure in the hindgut of wild and captive dugongs (*Dugong dugon*). *Aquatic Mammals*, 38, 402-411.
- HODGSON, A. J., MARSH, H., DELEAN, S. & MARCUS, L. 2007. Is attempting to change marine mammal behaviour a generic solution to the bycatch problem? A dugong case study. *Animal Conservation*, 10, 263-273.
- SHEPPARD, J. K., PREEN, A. R., MARSH, H., LAWLER, I. R., WHITING, S. D. & JONES, R. E. 2006. Movement heterogeneity of dugongs, *Dugong dugon* (Muller), over large spatial scales. *Journal of Experimental Marine Biology and Ecology*, 334, 64-83.

FISHES

- CURTIS, L. M., GRUTTER, A. S., SMIT, N. J. & DAVIES, A. J. 2013. *Gnathia aureamaculosa*, a likely definitive host of *Haemogregarina balistapi* and potential vector for *Haemogregarina bigemina* between fishes of the Great Barrier Reef, Australia. *International Journal for Parasitology*, 43, 361-370.
- DAWSON, M. N. 2012. Parallel phylogeographic structure in ecologically similar sympatric sister taxa. *Molecular Ecology*, 21, 987-1004.
- ECKES, M., DOVE, S., SIEBECK, U. E. & GRUTTER, A. S. 2015. Fish mucus versus parasitic gnathiid isopods as sources of energy and sunscreens for a cleaner fish. *Coral Reefs*.
- HEAGNEY, E. C., GILLANDERS, B. M. & SUTHERS, I. M. 2013. The effect of parasitism by a blood-feeding isopod on the otolith chemistry of host fish. *Marine and Freshwater Research*, 64, 10-19.
- HELLYER, C. B., HARASTI, D. & POORE, A. G. B. 2011. Manipulating artificial habitats to benefit seahorses in Sydney Harbour, Australia. *Aquatic Conservation-Marine and Freshwater Ecosystems*, 21, 582-589.
- MILLER, G. M., WATSON, S.-A., DONELSON, J. M., MCCORMICK, M. I. & MUNDAY, P. L. 2012. Parental environment mediates impacts of increased carbon dioxide on a coral reef fish. *Nature Climate Change*, 2, 858-861.
- SUN, D., CHENEY, K. L., WERMINGHAUSEN, J., MEEKAN, M. G., MCCORMICK, M. I., CRIBB, T. H. & GRUTTER, A. S. 2015. Presence of cleaner wrasse increases the recruitment of damselfishes to coral reefs. *Biology Letters*, 11.

- ARTHUR, B., HINDELL, M., BESTER, M., TRATHAN, P., JONSEN, I., STANILAND, I., OOSTHUIZEN, W. C., WEGE, M. & LEA, M.-A. 2015. Return customers: foraging site fidelity and the effect of environmental variability in wide-ranging Antarctic fur seals. *PLoS ONE*, 10.
- BONADONNA, F. L., MARY-ANNE. DEHORTER, OLIVIER. GUINET, CHRISTOPHE 2001. Foraging ground fidelity and route-choice tactics of a marine predator: the Antarctic fur seal *Arctocephalus gazella*. *Marine Ecology Progress Series*, 223, 287-297.
- BRUNNER, S., BRYDEN, M. M. & SHAUGHNESSY, P. D. 2004. Cranial ontogeny of otariid seals. *Systematics and Biodiversity*, 2, 83-110.
- CASPER, R. M., GALES, N. J., HINDELL, M. A. & ROBINSON, S. M. 2006. Diet estimation based on an integrated mixed prey feeding experiment using *Arctocephalus* seals. *Journal of Experimental Marine Biology and Ecology*, 328, 228-239.
- FIELD, I. C., BRADSHAW, C. J. A., BURTON, H. R. & HINDELL, M. A. 2005a. Juvenile southern elephant seals exhibit seasonal differences in energetic requirements and use of lipids and protein stores. *Physiological and Biochemical Zoology*, 78, 491-504.
- FIELD, I. C., BRADSHAW, C. J. A., BURTON, H. R., SUMNER, M. D. & HINDELL, M. A. 2005b. Resource partitioning through oceanic segregation of foraging juvenile southern elephant seals (*Mirounga leonina*). *Oecologia*, 142, 127-135.
- FIELD, I. C., BRADSHAW, C. J. A., VAN DEN HOFF, J., BURTON, H. R. & HINDELL, M. A. 2007. Age-related shifts in the diet composition of southern elephant seals expand overall foraging niche. *Marine Biology*, 150, 1441-1452.
- GOLDSWORTHY, S. D., LEA, M.A. & GUINET, C. 2004. Comparison of mass-transfer and isotopic dilution methods for estimating milk intake in Antarctic fur seal pups. *Polar Biology*, 27, 801-809.
- GUINET, C., DUBROCA, L., LEA, M. A., GOLDSWORTHY, S., CHEREL, Y., DUHAMEL, G., BONADONNA, F. & DONNAY, J.P. 2001. Spatial distribution of foraging in female Antarctic fur seals (*Arctocephalus gazelle*) in relation to oceanographic variables: a scale-dependent approach using geographic information systems. *Marine Ecology Progress Series*, 219, 251-264.
- GUINET, C. L., MARY-ANNE. GOLDSWORTHY, SIMON D. 2000. Mass change in Antarctic fur seal (*Arctocephalus gazelle*) pups in relation to maternal characteristics at the Kerguelen Islands. *Canadian Journal of Zoology*, 78, 476-483.
- IZZO, C., HAMER, D. J., BERTOZZI, T., DONNELLAN, S. C. & GILLANDERS, B. M. 2011. Telomere length and age in pinnipeds: The endangered Australian sea lion as a case study. *Marine Mammal Science*, 27, 841-851.
- KNOX, T., STUART-WILLIAMS, H., WARNEKE, R. M., HOSKINS, A. J. & ARNOULD, J. P. Y. 2013. Analysis of growth and stable isotopes in teeth of male Australian fur seals reveals interannual variability in prey resources. *Marine Mammal Science*.

- LEA, M.A., BONADONNA, F., HINDELL, M. A., GUINET, C. & GOLDSWORTHY, S. D. 2002a. Drinking behaviour and water turnover rates of Antarctic fur seal pups: implications for the estimation of milk intake by isotopic dilution. *Comparative Biochemistry and Physiology Part A*, 132, 321-331.
- LEA, M.A., CHEREL, Y., GUINET, C. & NICHOLS, P. D. 2002b. Antarctic fur seals foraging in the Polar Frontal Zone: inter-annual shifts in diet as shown from faecal and fatty acid analyses. *Marine Ecology Progress Series*, 245, 281-297.
- LEA, M.A. & DUBROCA, L. 2003. Fine-scale linkages between the diving behaviour of Antarctic fur seals and oceanographic features in the southern Indian Ocean. *ICES Journal of Marine Science*, 60, 1-13.
- LEA, M.A., GUINET, C., CHEREL, Y., DUHAMEL, G., DUBROCA, L., PRUVOST, P. & HINDELL, M. 2006. Impacts of climatic anomalies on provisioning strategies of a Southern Ocean predator. *Marine Ecology Progress Series*, 310, 77-94.
- LEA, M.A., GUINET, C., CHEREL, Y., HINDELL, M., DUBROCA, L. & THALMANN, S. 2008. Colony-based foraging segregation by Antarctic fur seals at the Kerguelen Archipelago. *Marine Ecology Progress Series*, 358, 273-287.
- LEA, M.A., NICHOLS, P. D. & WILSON, G. 2002c. Fatty acid composition of lipid-rich myctophids and mackerel icefish (*Champscephalus gunnari*) – Southern Ocean food-web implications. *Polar Biology*, 25, 843-854.
- LEA, M. A., HINDELL, M., GUINET, C. & GOLDSWORTHY, S. 2002d. Variability in the diving activity of Antarctic fur seals, *Arctocephalus gazella*, at Iles Kerguelen. *Polar Biology*, 25, 269-279.
- LINN, M. L., GARDNER, J., WARRILOW, D., DARNELL, G. A., MCMAHON, C. R., FIELD, I., HYATT, A. D., SLADE, R. W. & SUHRBIER, A. 2001. Arbovirus of marine mammals: a new alphavirus isolated from the elephant seal louse, *Lepidophthirus macrorhini*. *JOURNAL OF VIROLOGY*, 75, 4103-4109.
- LOWTHER, A. D. & GOLDSWORTHY, S. D. 2011. Detecting alternate foraging ecotypes in Australian sea lion (*Neophoca cinerea*) colonies using stable isotope analysis. *Marine Mammal Science*, 27, 567-586.
- MCINTOSH, R. R., PAGE, B. & GOLDSWORTHY, S. D. 2006. Dietary analysis of regurgitates and stomach samples from free-living Australian sea lions. *Wildlife Research*, 33, 661-669.
- NEWLAND, C., FIELD, I. C., NICHOLS, P. D., BRADSHAW, C. J. A. & HINDELL, M. A. 2009. Blubber fatty acid profiles indicate dietary resource partitioning juvenile southern between adult and elephant seals. *Marine Ecology Progress Series*, 384, 303-312.
- PAGE, B., MCKENZIE, J., MCINTOSH, R., BAYLIS, A., MORRISSEY, A., CALVERT, N., HAASE, T., BERRIS, M., DOWIE, D., SHAUGHNESSY, P. D. & GOLDSWORTHY, S. D. 2004. Entanglement of Australian sea lions and New Zealand fur seals in lost fishing gear and other marine debris before and after government and industry attempts to reduce the problem. *Marine Pollution Bulletin*, 49, 33-42.

- VAN DEN HOFF, J., FRACCARO, R., MITCHELL, P., FIELD, I., MCMAHON, C., BURTON, H., BLANSHARD, W., DUIGNAN, P. & ROGERS, T. 2005. Estimating body mass and condition of leopard seals by allometrics. *Journal of Wildlife Management*, 69, 1015-1023.
- VAN POLANEN PETEL, T. D., GIESE, M. A., WOTHERSPOON, S. & HINDELL, M. A. 2007. The behavioural response of lactating Weddell seals (*Leptonychotes weddellii*) to over-snow vehicles: a case study. *Canadian Journal of Zoology-Revue Canadienne De Zoologie*, 85, 488-496.
- WALTERS, A., LEA, M.-A., VAN DEN HOFF, J., FIELD, I. C., VIRTUE, P., SOKOLOV, S. P., MATT H. & HINDELL, M. A. 2014. Spatially explicit estimates of prey consumption reveal a new krill predator in the Southern Ocean. PLoS ONE.
- WHEATLEY, K., BRADSHAW, C., HARCOURT, R., DAVIS, L. & HINDELL, M. 2006. Chemical immobilization of adult female Weddell seals with tiletamine and zolazepam: effects of age, condition and stage of lactation. BMC Veterinary Research.
- WYNEN, L. P., GOLDSWORTHY, S. D., GUINET, C., BESTER, M. N., BOYD, I. L., GJERTZ, I., HOFMEYR, G. J. G., WHITE, R. W. G. & SLADE, R. 2000. Postsealing genetic variation and population structure of two species of fur seal (*Arctocephalus gazella* and *A. tropicalis*). *Molecular Ecology*, 9, 299-314.

- BRACCINI, J. M., GILLANDERS, B. M. & WALKER, T. I. 2005. Sources of variation in the feeding ecology of the piked spurdog (*Squalus megalops*): implications for inferring predator-prey interactions from overall dietary composition. *Ices Journal of Marine Science*, 62, 1076-1094.
- BRACCINI, J. M., GILLANDERS, B. M. & WALKER, T. I. 2006a. Determining reproductive parameters for population assessments of chondrichthyan species with asynchronous ovulation and parturition: piked spurdog (*Squalus megalops*) as a case study. *Marine and Freshwater Research*, 57, 105-119.
- BRACCINI, J. M., GILLANDERS, B. M. & WALKER, T. I. 2006b. Total and partial length-length, mass-mass and mass-length relationships for the piked spurdog (*Squalus megalops*) in south-eastern Australia. *Fisheries Research*, 78, 385-389.
- BRACCINI, J. M., HAMLETT, W. C., GILLANDERS, B. M. & WALKER, T. I. 2007. Embryo development and maternal-embryo nutritional relationships of piked spurdog (*Squalus megalops*). *Marine Biology*, 150, 727-737.
- COUTURIER, L. I. E., MARSHALL, A. D., JAINE, F. R. A., KASHIWAGI, T., PIERCE, S. J., TOWNSEND, K. A., WEEKS, S. J., BENNETT, M. B. & RICHARDSON, A. J. 2012. Biology, ecology and conservation of the Mobulidae. *Journal of Fish Biology*, 80, 1075-1119.
- DUDGEON, C. & OVENDEN, J. 2015. The relationship between abundance and genetic effective population size in elasmobranchs: an example from the globally threatened zebra shark *Stegostoma fasciatum* within its protected range. *Conservation Genomics*.
- GILES, J. L., OVENDEN, J. R., DHARMADI, KHAMPETCH, K., GARVILLES, E., ALMOJIL, D., HAMJEBRAYAKATH, H. & RIGINOS, C. 2014. Extensive population structure in the Indo-west pacific spot-tail shark *Carcharhinus sorrah*. *Bulletin of Marine Science*.
- IZZO, C. & RODDA, K. R. 2012. Comparative rates of growth of the Port Jackson shark throughout its southern Australian range. *Marine and Freshwater Research*, 63, 687-694.
- KASHIWAGI, T., BRODERICK, D., LANCE, S. L., BENNETT, M. B. & OVENDEN, J. R. 2012a. Development and characterization of ten microsatellite loci for the reef manta ray *Manta alfredi*. *Conservation Genetics Resources*, 4, 1055-1058.
- KASHIWAGI, T., MARSHALL, A. D., BENNETT, M. B. & OVENDEN, J. R. 2012b. The genetic signature of recent speciation in manta rays (*Manta alfredi* and *M. birostris*). *Molecular Phylogenetics and Evolution*, 64, 212-218.
- LEE, K., HUVENEERS, C., PEDDEMORS, V., BOOMER, A. & HARCOURT, R. G. 2015. Born to be free? Assessing the viability of releasing captive-bred wobbegongs to restock depleted populations. *Frontiers in Marine Science, Marine Megafauna*.
- MULVEY, J. & RENSHAW, G. 2009. GABA is not elevated during neuroprotective neuronal depression in the hypoxic epaulette shark (*Hemiscyllium ocellatum*). *Comparative Biochemistry and Physiology, Part A*.

- OTWAY, N. M. & ELLIS, M. T. 2011. Pop-up archival satellite tagging of *Carcharias taurus*: movements and depth/temperature-related use of south-eastern Australian waters. *Marine and Freshwater Research*, 62, 607-620.
- RENSHAW, G. M. C., WISE, G. & DODD, P. R. 2010. Ecophysiology of neuronal metabolism in transiently oxygen-depleted environments: Evidence that GABA is accumulated pre-synaptically in the cerebellum. *Comparative Biochemistry and Physiology a-Molecular & Integrative Physiology*, 155, 486-492.
- VAN-EYK, S. M., SIEBECK, U. E., CHAMP, C. M., MARSHALL, J. & HART, N. S. 2011. Behavioural evidence for colour vision in an elasmobranch. *Journal of Experimental Biology*, 214, 4186-4192.
- WERRY, J. M., LEE, S. Y., LEMCKERT, C. J. & OTWAY, N. M. 2012. Natural or Artificial? Habitat-Use by the Bull Shark, *Carcharhinus leucas*. *PLoS ONE*.
- WERRY, J. M., LEE, S. Y., OTWAY, N. M., HU, Y. & SUMPTON, W. 2011. A multi-faceted approach for quantifying the estuarine-nearshore transition in the life cycle of the bull shark, *Carcharhinus leucas*. *Marine and Freshwater Research*, 62, 1421-1431.
- WUERINGER, B. E., PEVERELL, S. C., SEYMOUR, J., SQUIRE, L. & COLLIN, S. P. 2011a. Sensory Systems in Sawfishes. 2. The Lateral Line. *Brain Behavior and Evolution*, 78, 150-161.
- WUERINGER, B. E., PEVERELL, S. C., SEYMOUR, J., SQUIRE, L., KAJIURA, S. M. & COLLIN, S. P. 2011b. Sensory Systems in Sawfishes. 1. The Ampullae of Lorenzini. *Brain Behavior and Evolution*, 78, 139-149.
- WUERINGER, B. E., SQUIRE, L. & COLLIN, S. P. 2009. The biology of extinct and extant sawfish (Batoidea: Sclerorhynchidae and Pristidae). *Reviews in Fish Biology and Fisheries*, 19, 445-464.

- ARTHUR, K., LIMPUS, C., BALAZS, G., CAPPER, A., UDY, J., SHAW, G., KEUPER-BENNETT, U. & BENNETT, P. 2008a. The exposure of green turtles (*Chelonia mydas*) to tumour promoting compounds produced by the cyanobacterium *Lyngbya majuscula* and their potential role in the aetiology of fibropapillomatosis. *Harmful Algae*, 7, 114-125.
- ARTHUR, K. E., BOYLE, M. C. & LIMPUS, C. J. 2008b. Ontogenetic changes in diet and habitat use in green sea turtle (*Chelonia mydas*) life history. *Marine Ecology Progress Series*, 362, 303-311.
- ARTHUR, K. E., LIMPUS, C. J., ROELFSEMA, C. M., UDY, J. W. & SHAW, G. R. 2006. A bloom of *Lyngbya majuscula* in Shoalwater Bay, Queensland, Australia: an important feeding ground for the green turtle (*Chelonia mydas*). *Harmful Algae*, 5, 251-265.
- BOOTH, D. T. 2014. Kinematics of swimming and thrust production during powerstroking bouts of the swim frenzy in green turtle hatchlings. *Biology Open*, 3, 887-894.
- BOOTH, D. T. & ASTILL, K. 2001. Incubation temperature, energy expenditure and hatchling size in the green turtle (*Chelonia mydas*), a species with temperature-sensitive sex determination. *Australian Journal of Zoology*, 49, 389-396.
- BOOTH, D. T., FEENEY, R. & SHIBATA, Y. 2013. Nest and maternal origin can influence morphology and locomotor performance of hatchling green turtles (*Chelonia mydas*) incubated in field nests. *Marine Biology*, 160, 127-137.
- BURGESS, E. A., BOOTH, D. T. & LANYON, J. M. 2006. Swimming performance of hatchling green turtles is affected by incubation temperature. *Coral Reefs*, 25, 341-349.
- HAZEL, J., LAWLER, I., MARSH, H. & ROBSON, S. 2007. Vessel speed increases collision risk for the green turtle *Chelonia mydas*. *Endangered Species Research*, 3, 105-113.
- ISCHER, T., IRELAND, K. & BOOTH, D. T. 2009. Locomotion performance of green turtle hatchlings from the Heron Island Rookery, Great Barrier Reef. *Marine Biology*, 156, 1399-1409.
- IZZO, C. & RODDA, K. R. 2012. Comparative rates of growth of the Port Jackson shark throughout its southern Australian range. *Marine and Freshwater Research*, 63, 687-694.
- JIN, L., CAROLINE, G. & ESCHER, B. 2015a. Bioanalytical approaches to understanding toxicological implications of mixtures of persistent organic pollutants in marine wildlife. In: ZENG, E. Y. (ed.) *Comprehensive Analytical Chemistry*. Elsevier.
- JIN, L., ESCHER, B. I., LIMPUS, C. J. & GAUS, C. 2015b. Coupling passive sampling with in vitro bioassays and chemical analysis to understand combined effects of bioaccumulative chemicals in blood of marine turtles. *Chemosphere*, 138, 292-299.
- LUKOSCHEK, V. & AVISE, J. C. 2012. Development of eleven polymorphic microsatellite loci for the sea snake *Emydocephalus annulatus* (Elapidae: Hydrophiinae) and cross-species amplification for seven species in the sister genus *Aipysurus*. *Conservation Genetics Resources*, 4, 11-14.
- SPERLING, J. B., GRIGG, G. C. & LIMPUS, C. J. 2010. Diving behaviour in two distinct populations of gravid flatback turtles, *Natator depressus*. *Australian Zoologist*, 35, 291-306.

- GARLAND, E. C., GEDAMKE, J., REKDAHL, M. L., NOAD, M. J., GARRIGUE, C. & GALES, N. 2013a. Humpback whale song on the Southern Ocean feeding grounds: implications for cultural transmission. *Plos One*, 8.
- GARLAND, E. C., GOLDIZEN, A. W., REKDAHL, M. L., CONSTANTINE, R., GARRIGUE, C., HAUSER, N. D., POOLE, M. M., ROBBINS, J. & NOAD, M. J. 2011. Dynamic horizontal cultural transmission of humpback whale song at the ocean basin scale. *Current Biology*, 21, 687-691.
- GARLAND, E. C., LILLEY, M. S., GOLDIZEN, A. W., REKDAHL, M. L., GARRIGUE, C. & NOAD, M. J. 2012. Improved versions of the Levenshtein distance method for comparing sequence information in animals' vocalisations: tests using humpback whale song. *Behaviour*, 149, 1413-1441.
- GARLAND, E. C., NOAD, M. J., GOLDIZEN, A. W., LILLEY, M. S., REKDAHL, M. L., GARRIGUE, C., CONSTANTINE, R., HAUSER, N. D., POOLE, M. M. & ROBBINS, J. 2013b. Quantifying humpback whale song sequences to understand the dynamics of song exchange at the ocean basin scale. *Journal of the Acoustical Society of America*, 133, 560-569.