

Peer Reviewed Publications

Ivancevic AM, Kortschak RD, **Bertozi T**, Adelson DL. (2018). Horizontal transfer of BovB and L1 retrotransposons in eukaryotes. *Genome Biology* 19,85.

Fagan-Jeffries EP, Cooper SJB, **Bertozi T**, Bradford TM, Austin AD. (2018). DNA barcoding of microgastrine parasitoid wasps (Hymenoptera: Braconidae) using high-throughput methods more than doubles the number of species known for Australia. *Molecular Ecology Resources* 18, 1132-1143.

Brazenor AK, **Bertozi T**, Miller TL, Whittington ID, Hutson KS. (2018). DNA profiling reveals *Neobenedenia girellae* as the primary culprit in global fisheries and aquaculture. *Molecular Phylogenetics and Evolution* 129, 130-137.

Zeng L, Kortschak RD, Raison JM, **Bertozi T**, Adelson DL. (2018). Superior *ab initio* identification, annotation and characterisation of TEs and segmental duplications from genome assemblies. *PLOS ONE* 13(3): e0193588.

Hacking J, **Bertozi T**, Moussalli A, Bradford T, Gardner M. (2018). Characterisation of major histocompatibility complex class I transcripts in an Australian dragon lizard. *Developmental and Comparative Immunology* 84, 164-171.

Mobaseri M, Pedram M, Pourjam E, **Bertozi T**. (2017). Description of a new species of seed-gall nematode, *Anguina obesa* n. sp. (Nematoda: Anguinidae) from northern Iran, and its phylogenetic relations with other species and genera. *European Journal of Plant Pathology* 148, 423-434

Ivancevic AM, Kortschak RD, **Bertozi T**, Adelson DL. (2016). LINEs between species: Evolutionary dynamics of LINE-1 retrotransposons across the eukaryotic tree of life *Genome Biology and Evolution* 8, 3301–3322.

Javidkar M, Cooper SJB, King RA, Humphreys WF, **Bertozi T**, Stevens MI, Austin AD. (2016). Molecular systematics and biodiversity of oniscidean isopods in the groundwater calcretes of central Western Australia. *Molecular Phylogenetics and Evolution* 104, 83-98.

Bertozi T, Lee MSY, Donnellan SC. (2016). Stingray diversification across the end-Cretaceous extinctions. *Memoirs of Museum Victoria* 74, 379-390.

Cope, T. M., **Bertozi, T**, Mulder, R. A., and Donnellan, S. C. (2016). Isolation and characterisation of 12 polymorphic microsatellite loci for the threatened mound-building malleefowl, *Leipoa ocellata* (Aves: Megapodiidae). *Australian Journal of Zoology* 64, 33-35.

Hammer MP, Hoese DF, **Bertozi T.** (2015). A new species of near-shore marine goby (Pisces: Gobiidae: *Nesogobius*) from Kangaroo Island, Australia. *Zootaxa* 4057, 371-884.

Ansari TH, **Bertozi T**, Miller RD, Gardner MG. (2015). MHC in a monogamous lizard - characterization of Class I MHC genes in the Australian skink *Tiliqua rugosa*. *Developmental and Comparative Immunology* 53, 320-327.

Donnellan SC, Foster R, Junge C, Huveneers C, Rogers P, Kilian A, **Bertozi T.** (2015). Fiddling with the proof: the magpie fiddler ray is a colour pattern variant of the common southern fiddler ray (Rhinobatidae: *Trygonorrhina*). *Zootaxa* 3981, 367-384.

Catalano SR, Whittington ID, Donnellan SC, **Bertozi T**, Gillanders BM. (2015). First comparative insight into the architecture of COI mitochondrial minicircle molecules of dicyemids reveals marked inter-species variation. *Parasitology* 142, 1066-1079.

Ansari TH, **Bertozi T**, Hacking J, Cooper SJB, Gardner MG. (2015). Random non-coding fragments of lizard DNA: anonymous nuclear loci for the Australian skink, *Tiliqua rugosa*, and their utility in other *Egernia*-group species. *Australian Journal of Zoology* 62, 515-518.

Tierney SM, Cooper SJB, Saint KM, **Bertozi T**, Hyde J, Humphreys WF, Austin AD. (2015). Opsin transcripts of predatory diving beetles: a comparison of surface and subterranean photic niches. *Royal Society Open Science* 2, 140386.

Sistrom MJ, Hutchinson M, **Bertozi T**, Donnellan, SC. (2014). Evaluating evolutionary history in the face of high gene tree discordance in Australian Gehyra (Reptilia: Gekkonidae). *Heredity* 113, 52-63.

Izzo C, **Bertozi T**, Donnellan SC, Gillanders BM. (2014). Variation in telomere length of the common carp, *Cyprinus carpio* (Cyprinidae) in relation to body length. *Copeia* 2014(1), 87-94.

Barnes TC, Izzo C, **Bertozi T**, Saint KM, Donnellan SC, Hammer MP, Gillanders BM. (2014). Development of 15 microsatellite loci from mulloway, *Agyrosomus japonicus* (Pisces: Sciaenidae) using next generation sequencing and an assessment of their cross amplification in other sciaenids. *Conservation Genetics Resources* 6, 355-348.

Sanders KL, Lee MSY, Mumpuni, **Bertozi T**, Rasmussen AR. (2013). Multilocus phylogeny and recent rapid radiation of the viviparous sea snakes (Elapidae: Hydrophiinae). *Molecular Phylogenetics and Evolution* 66, 575-591.

Walsh AM, Kortschak RD, Gardner MG, **Bertozi T**, Adelson, DL. (2013). Widespread Horizontal Transfer of Retrotransposons. *Proceedings of the National Academy of Sciences* 110, 1012-1016.

DeBoo ML, **Bertozi T**, Donnellan SC, Mahony MJ. (2012). Development of eight microsatellite loci from the Green and Golden Bell Frog (*Litoria aurea*) through GS-FLX pyrosequencing and cross-amplification with other species of the *Litoria aurea* species group. *Conservation Genetics Resources* 4, 1003–1005.

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Dudaniec RY, Schlotfeldt BE, **Bertozi T**, Donnellan SC, Kleindorfer S. (2011). Genetic and morphological divergence in island and mainland birds: Informing conservation priorities. *Biological Conservation* 144, 2902-2912.

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Izzo C, Hamer DJ, **Bertozi T**, Donnellan SC, Gillanders BM. (2011). Telomere length and age in pinnipeds: The endangered Australian sea lion as a case study. *Marine Mammal Science* 27, 841-851.

Perkins EM, Donnellan SC, **Bertozi T**, Whittington ID. (2010). Closing the mitochondrial circle on paraphyly of the Monogenea (Platyhelminthes) infers evolution in the diet of parasitic flatworms. *International Journal for Parasitology* 40, 1237-1245.

Donnellan SC, Aplin KP, **Bertozi T**. (2010). Species boundaries in the *Rana arfaki* group (Anura: Ranidae) and phylogenetic relationships to other New Guinean *Rana*. *Zootaxa* 2496, 49-62.

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Riley IT, **Bertozzi T**. (2004). Sex ratios in four *Anguina* (Nematoda: Anguinidae) species. *Transactions of the Royal Society of South Australia* 128, 43–46.

Cooper NK, **Bertozzi T**, Baynes A, Teale RJ. (2003). The relationship between eastern and western populations of the Heath rat, *Pseudomys shortridgei* (Rodentia: Muridae). *Records of the Western Australian Museum* 21, 367–370.

Mekuria G, Ramesh SA, Alberts E, **Bertozzi T**, Wirthensohn M, Collins G, Sedgley M. (2003). Comparison of ELISA and RT-PCR for the detection of Prunus necrotic ring spot virus and prune dwarf virus in almond (*Prunus dulcis*). *Journal of Virological Methods* 114, 65–69.

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Ainsley PJ, Hammerschlag FA, **Bertozzi T**, Collins GC, Sedgley M. (2001). Regeneration of almond from immature seed cotyledons. *Plant Cell, Tissue and Organ Culture* 67, 221–226.

Bertozzi T, Adams M, Walker KF. (2000). Species boundaries in carp gudgeons (Eleotrididae: *Hypseleotris*) from the River Murray, South Australia: evidence for multiple species and extensive hybridization. *Marine and Freshwater Research* 51, 805–815.

Channuntapipat C, Collins GC, **Bertozi T**, Sedgley M. (2000). Cryopreservation of in vitro almond shoot tips by vitrification. *Journal of Horticultural Science and Biotechnology* 75, 228–232.

Bertozi T, Sedgley M, Bennett C. (1998). Almond improvement in Australia. *FAO - Nucis Newsletter* 7, 10–11.

Riley IT, Reardon TB, **Bertozi T**. (1998). Allozyme analysis of Australian isolates of *Dilophospora alopecuri*. *Mycological Research* 102, 301–307.

Ainsley PA, **Bertozi T**. (1997). A united approach to almond improvement. *Australian Nutgrower* 11, 16.

Bertozi T, McKay AC. (1995). Incidence on *Polypogon monspeliensis* of *Clavibacter toxicus* and *Anguina* sp., the organisms associated with 'flood plain staggers' in South Australia. *Australian Journal of Experimental Agriculture* 35, 567–569.

Peer Reviewed Reports

Bertozi T, Hammer MP. (2011). When east meets west: identification and distribution of endemic, exotic and translocated gobies on lower Eyre Peninsula. Final report to Department for Environment and Natural Resources, Wildlife Conservation Fund Project No. 0460.

Bertozi T, Hammer MP. (2010). The identification and distribution of endemic, exotic and translocated species of gobies in Spencer Gulf, South Australia. Final report to Department of Environment and Heritage, Wildlife Conservation Fund Project No. 0643.

Bertozi T, Hammer MP. (2009). Diversity and distribution of gobies in South Australia: the identification of exotic, endemic and translocated species. Final report to Department of Environment and Heritage, Wildlife Conservation Fund Project No. 0258.

Bertozi T, Hammer MP. (2007). Port River gobies: Native and in need of conservation or introduced and requiring eradication? Final report, Department for Environment and Heritage.

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North Terrace
Adelaide SA 5000
ABN 39 808 959 302

Telephone +61 8 8207 7500
Facsimile +61 8 8207 7430
www.samuseum.sa.gov.au

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