

Dr Jason Coughran – *Publications*

Activities: 1) Science

† = Peer-reviewed publications

Academic Papers (published in regular or special volumes of scientific journals)

- †Coughran, J., McCormack, R.B. and Fetzner, J.W. Jr. 2015. Re-description of the Orbost spiny crayfish, *Euastacus diversus* (Riek 1969) in eastern Victoria, Australia. *Freshwater Crayfish* 21(1):185-197.
- †Leland, J.C., Bucher, D.J. and Coughran, J. 2015. Direct age determination of a subtropical freshwater crayfish model (redclaw, *Cherax quadricarinatus*) using ossicular growth marks. PLoS ONE 10(8): doi:10.1371/journal.pone.0134966
- †Richman, N.I., Böhm, M., Adams, S.B., Alvarez, F., Bergey, E.A., Bunn, J.J.S., Burnham, Q., Cordeiro, J., Coughran, J., Crandall, K.A., Dawkins, K.L., DiStefano, R.J., Doran, N.E., Edsman, L., Eversole, A.G., Füreder, L., Furse, J.M., Gherardi, F., Hamr, P., Holdich, D.M., Horwitz, P., Johnston, K., Jones, C.M., Jones, J.P.G., Jones, R.L., Jones, T.G., Kawai, T., Lawler, S., López-Mejía, M., Miller, R.M., Pedraza-Lara, C., Reynolds, J.D., Richardson, A.M.M., Schultz, M.B., Schuster, G.A., Sibley, P.J., Souty-Grosset, C., Taylor, C.A., Thoma, R.F., Walls, J., Walsh, T.S. and Collen, B. 2015. Multiple drivers of decline in the global status of freshwater crayfish (Decapoda: Astacidea). *Philosophical Transactions of the Royal Society – Biological Sciences* 370: 20140060.
- †Bone, J., Nesvadba, N. and Coughran, J. 2014. On the apparent absence of spiny crayfish (*Euastacus*) from ideal refugial habitat in the Bunya mountains. *Queensland Naturalist* 52(4-6): 75-80.
- †Coughran, J. 2014. Distribution and biology of the Powerful Crayfish, *Euastacus valentulus* Riek 1951, in New South Wales, Australia. *Freshwater Crayfish* 20(1): 17-26.
- †Coughran, J. 2013. Biology of the Mountain Crayfish *Euastacus sulcatus* Riek, 1951 (Crustacea: Parastacidae) in New South Wales, Australia. *Journal of Threatened Taxa* 5(14): 4840-4853.
- †Furse, J.M., Dawkins, K.L. and Coughran, J. 2013. Two new species of *Euastacus* (Decapoda: Parastacidae) from the Gondwana Rainforests of central eastern Australia. *Freshwater Crayfish* 19(1): 103-113.
- †Coughran, J. and Daly, G. 2012. Potential threats from a translocated crayfish: the case of *Cherax destructor* in coastal drainages of New South Wales, Australia. *Crustacean Research*, Special Number 7: 5–12.
- †Coughran, J. and Furse, J.M. 2012. Conservation of freshwater crayfish in Australia. *Crustacean Research*, Special Number 7: 23–33.
- †Coughran, J., Dawkins, K.L., Furse, J.M. and Hobson, R.. 2012. Two new freshwater crayfishes (Decapoda: Parastacidae) from Whitsunday Island, the Coral Sea, Australia. *Crustacean Research*, Special Number 7: 45–55.
- †Furse, J.M., Wild, C. and Coughran, J. 2012. Report of a mass mortality of *Euastacus valentulus* (Decapoda: Parastacidae) in southeast Queensland, Australia, with a discussion of the potential impacts of climate change induced severe weather events on freshwater crayfish species. *Crustacean Research*, Special Number 7: 13–22.
- †Leland, J.C., Coughran, J. and Furse, J.M. 2012. Further translocation of the Redclaw, *Cherax quadricarinatus* (Decapoda: Parastacidae), to Lake Ainsworth in northeastern New South Wales, Australia. *Crustacean Research*, Special Number 7: 1–4.
- †Furse, J.M., Bone, S., Appleton, S., Leland, J.C. & Coughran, J. 2012. Conservation of imperiled crayfish: *Euastacus bindal* (Decapoda: Parastacidae), a highland crayfish from far north Queensland, Australia. *Journal of Crustacean Biology* 32(4): 677-683. Coughran, J. 2011. Biology of the Blood Crayfish, *Euastacus gumar* Morgan 1997, a small freshwater crayfish from the Richmond Range, northeastern New South Wales. *Australian Zoologist* 35(3): 685-697.
- †Coughran, J. 2011. Biology of the Orange-bellied Crayfish, *Euastacus mirangudjin* Coughran 2002. *Australian Zoologist* 35(3): 750-756.
- †Coughran, J. and McCormack, R.B. 2011. *Euastacus morgani* sp. n., a new spiny crayfish (Crustacea, Decapoda, Parastacidae) from the highland rainforests of eastern New South Wales, Australia. *ZooKeys* 85: 17–26.
- †McCormack, R.B. and Coughran, J. 2011. Taxonomy, distribution and ecology of the Setose Yabby, *Cherax setosus*. *Crustacean Research* 40: 1-11.
- †Brookhouse, N. and Coughran, J. 2010. Exploring the potential for an ecology-specific, physical control method of the exotic pest Mosquitofish, *Gambusia holbrooki*. *Ecological Restoration and Management* 11(3): 226-228.
- †McCormack, R.B., Coughran, J., Furse, J.M. and Van der Werf, P. 2010. Conservation of imperiled crayfish: *Euastacus jagara* (Decapoda: Parastacidae), a highland crayfish from the Main Range, south-eastern Queensland, Australia. *Journal of Crustacean Biology* 30(3): 531-535.
- †Coughran, J., McCormack, R.B. and Daly G. 2009. Translocation of the Yabby *Cherax destructor* into eastern drainages of New South Wales, Australia. *Australian Zoologist* 35(1): 100-103.
- †O'Brien, A., Coughran, J. and McCormack, R. 2009. On the existence of *Cherax rotundus* (Clark 1941) in the Severn region of southeastern Queensland. *Queensland Naturalist* 47(4-6): 41-52.
- †Coughran, J. 2008. Distinct Groups in the genus *Euastacus*? *Freshwater Crayfish* 16:123-130.
- †Coughran, J., Leckie, S.R., and Gartside, D.F. 2008. Distribution, habitat and conservation status of the freshwater

- crayfishes, *Cherax cuspidatus* (Riek) and *C. leckii* (Coughran). *Freshwater Crayfish* 16:19-26.
- †McCormack, R.B. and Coughran, J. 2008. *Euastacus maccai*, a new freshwater crayfish from New South Wales. *Fishes of Sahul* 22(4): 471-476.
- †Coughran, J. 2007. Distribution, habitat and conservation status of the freshwater crayfishes, *Euastacus dalagarbe*, *E. girumulayn*, *E. guruhgi*, *E. jagabar* and *E. mirangudjin*. *Australian Zoologist* 34(2): 222-227.
- †Coughran, J. and Leckie, S. 2007. *Euastacus pilosus* n. sp., a new crayfish from the highland forests of northern New South Wales, Australia. *Fishes of Sahul* 21(1):309-316.
- †Coughran, J. 2005. *Cherax leckii* n. sp. (Decapoda: Parastacidae): a new crayfish from coastal, northeastern New South Wales. *Fishes of Sahul* 19(4):191-196.
- †Coughran, J. 2005. New crayfishes (Decapoda: Parastacidae: *Euastacus*) from northeastern New South Wales, Australia. *Records of the Australian Museum* 57(3): 361-374.
- †Coughran, J. 2002. A new species of the freshwater crayfish genus *Euastacus* (Decapoda: Parastacidae) from northeastern New South Wales, Australia. *Records of the Australian Museum* 54 (1): 25-30.

Conference Proceedings

- Taukulis, F., Hay, B., Puglisi, J., de Lange, R. and Coughran, J. 2012. *Assessment of temporary aquatic systems in flood: two mine-related case studies from the north-eastern Goldfields*. Goldfields Environmental Management Group 2012 Workshop on Environmental Management.
- Ward N.J., Bush R.T., Tulau M., Sullivan L.A., Coughran J., Wong V.N.L. Cheetham, M., Morand D. 2012. Distribution, characteristics and environmental hazard of acid sulfate soils in the Edward-Wakool channel system, NSW, Australia. Third National Acid Sulfate Soils Conference, Melbourne, Victoria.

Books/CDs

- Coughran, J. and Furse, J.M. 2010. *An assessment of genus Euastacus (49 species) versus IUCN Red List criteria*. Report prepared for the global species conservation assessment of crayfishes for the IUCN Red List of Threatened Species. International Association of Astacology, Alabama, USA. ISBN 9780980545210.
- †Moore, A., Ingram, B.A., Friend, S., King Ho, H., Robinson, N., McCormack, R., Coughran, J. and B. Hayes. 2010. *Management of genetic resources for fish and crustaceans in the Murray-Darling Basin*. Bureau of Rural Sciences, Canberra, Australia. ISBN 781921192364.
- Coughran, J. 2006. *Field Guide to the Freshwater Crayfishes of Northeastern New South Wales*. Natureview Publishing, Bangalow, New South Wales, Australia. ISBN 0958114935.
- †Coughran, J. 2005. *Field Guide to the Freshwater Fishes of the Clarence, Richmond and Tweed Catchments*. Natureview Publishing, Bangalow, New South Wales, Australia. ISBN 0958114927.

Book Chapters

- †Kawai, T. & Coughran, J. 2021. Historic Cultural Value of the Japanese Endangered Freshwater Crayfish, *Cambaroides japonicus* (De Haan, 1841) (Decapoda: Cambaroididae), in Kawai, T. & Rogers, D.C. (Eds), *Recent Advances in Freshwater Crustacean Biodiversity and Conservation*. CRC Press. DOI: 10.1201/9781003139560-16.
- †Coughran, J. and Furse, J.M. 2011. “Conservation of Australia’s Spiny Crayfish — genus *Euastacus*”, pp.398-407 in Kawai T (Ed.) *Conservation biology of freshwater decapods*. Translated into Japanese by T Kawai (Ed.). Seibutsukenkyusha, Japan. ISBN 9784915342622.
- †Coughran, J. and Leckie, S.R. 2007. “Invasion of a New South Wales stream by the Tropical Crayfish, *Cherax quadricarinatus* (von Martens)”, pp. 40-46 in Lunney, D., Ebs, P., Hutchings, P. and Burgin, S. (Eds.). *Pest or Guest: the Ecology of Overabundance*. Royal Zoological Society of New South Wales, Australia. ISBN 9780980327212.
- †Furse, J.M. and Coughran, J. 2011a. “An assessment of the distribution, biology, threatening processes and conservation status of the freshwater crayfish, genus *Euastacus* (Decapoda: Parastacidae) in continental Australia. I. Biological background and current status”, pp. 241-252 in Asakura, A. (Ed.) *New Frontiers in Crustacean Biology (Crustaceana Monographs, volume 15)*. Brill NV, Leiden. ISBN 9789004174252.
- †Furse, J.M. and Coughran, J. 2011b. “An assessment of the distribution, biology, threatening processes and conservation status of the freshwater crayfish, genus *Euastacus* (Decapoda: Parastacidae) in continental Australia. II. Threats, conservation assessments and key findings” pp. 253-263 in Asakura, A. (Ed.) *New Frontiers in Crustacean Biology (Crustaceana Monographs, volume 15)*. Brill NV, Leiden. ISBN 9789004174252.
- †Furse, J.M. and Coughran, J. 2011c. “An assessment of the distribution, biology, threatening processes and conservation status of the freshwater crayfish, genus *Euastacus* (Decapoda: Parastacidae) in continental Australia. III. Case studies and recommendations”, pp. 265-274 in Asakura, A. (Ed.) *New Frontiers in Crustacean Biology (Crustaceana Monographs, volume 15)*. Brill NV, Leiden. ISBN 9789004174252.
- †Leland, J., Coughran, J. and Bucher, D. 2011. “A preliminary investigation into the potential value of gastric mills for ageing crustaceans”, pp.57-68 in Asakura, A. (Ed.) *New Frontiers in Crustacean Biology (Crustaceana Monographs, volume 15)*. Brill NV, Leiden. ISBN 9789004174252.

Presentations at Academic Associations/Societies

- Coughran, J. 2014. “*Distribution and Biology of the Powerful Crayfish, Euastacus valentulus Riek 1951, in New South Wales, Australia*”. 20th International Association of Astacology Conference, Sapporo, Japan.
- Coughran, J. 2014. “*Re-description of the Orbost Spiny Crayfish, Euastacus diversus Riek 1969, in eastern Victoria, Australia*”. 20th International Association of Astacology Conference, Sapporo, Japan.
- Coughran, J. and Furse, J.M. 2010. “Conservation of Freshwater Crayfish”. Symposium keynote lecture (joint presentation with JMF), at the Crayfish Study Group of Japan conference, sponsored by Applied Biosystems Engineering Society. Maruyama Zoo, Sapporo, Hokkaido, Japan.
- Furse, J.M. and Coughran, J. 2009. “*Conservation assessment of the genus Euastacus*”. Invited lecture (joint presentation with JMF), at the international Crustacean Society's special symposium, “Conservation of Crayfish”. Ikebukuro, Japan. (main CS conference held at Tokyo University of Marine Science and Technology, Shinagawa).
- Coughran, J. 2006. “*Distinct groups in the spiny crayfish genus Euastacus*”. 16th International Association of Astacology Conference, Gold Coast.
- Coughran, J. 2006. “*Management of the recreational crayfish fishery in NSW, Australia*”. 16th International Association of Astacology Conference, Gold Coast.
- Coughran, J. and Leckie, S. 2006. “*Distribution, habitat and conservation status of Cherax cuspidatus and C. leckii in NSW, Australia*”. 16th International Association of Astacology Conference, Gold Coast.
- Coughran, J. 2005. “*Biology of the Freshwater Crayfishes of Northeastern NSW, Australia*”. PhD Confirmation Seminar, Southern Cross University.
- Coughran, J. 2005. “*The recreational crayfish fishery in New South Wales, Australia*”. Crux Annual Interdisciplinary Postgraduate Conference (Winner, People’s Choice Award).

Other Works

Scientific Technical Reports

- Coughran, J., Froend, R., Wilson, J. and Sommer, B. 2014. *Wetland values of the eastern Pilbara: An ecohydrological assessment of surface water, floodplain, marsh and aquifer features, and associated ecological values. Final Report (Synthesis of Tasks 1 to 4)*. Centre for Ecosystem Management, Edith Cowan University, Joondalup. 255 pp.
- Coughran, J., Froend, R. and Wilson, J. 2014. *Wetland values of the eastern Pilbara: Key ecohydrological linkages*. Report No. CEM 2014-4, Centre for Ecosystem Management, Edith Cowan University, Joondalup. 108 pp.
- Coughran, J., Froend, R., Wilson, J. and Sommer, B. 2014. *Wetland values of the eastern Pilbara: Prioritisation of ecohydrological features*. Report No. CEM 2013–14, Centre for Ecosystem Management, Edith Cowan University, Joondalup, Western Australia. 60 pp.
- Coughran, J., Wilson, J. and Froend, R. 2013. *Wetland values of the eastern Pilbara: Diversity and distribution of ecohydrological features*. Report No. CEM 2013–12, Centre for Ecosystem Management, Edith Cowan University, Joondalup, Western Australia. 85 pp.
- Coughran, J. 2012. *A preliminary checklist of branchiopod crustaceans from temporary surface water bodies overlying the Carey Palaeodrainage, in the eastern Goldfields region of Western Australia*. Internal technical report, prepared for Outback Ecology, Jolimont, Western Australia. 25 pp.
- Coughran, J. and Taukulis, F. 2012. *Aquatic baseline study of Muccangarra Pool and the Ridley River*. Prepared for Atlas Iron Ltd. Outback Ecology, Jolimont, Western Australia. 65 pp.
- Coughran, J. and Taukulis, F. 2012. *Monitoring of Lake Carey (Wallaby Project) during flood, 2011*. Prepared for Barrick (Granny Smith) Pty Ltd. Outback Ecology, Jolimont, Western Australia. 51 pp.
- Coughran, J. and Taukulis, F. 2012. *Regional assessment of Lake Carey during flood, 2011*. Prepared for Lake Carey Catchment Management Group. Outback Ecology, Jolimont, Western Australia. 66 pp.
- Coughran, J., Ramlee, L. and Rodman, S. 2012. *Western Queen subterranean fauna desktop review*. Prepared for Ramelius Resources Limited, Perth. Outback Ecology, Jolimont, Western Australia. 22 pp.
- Coughran, J., Ramlee, L., Rodman, S., Ross, S. and Stevens, N. 2012. *Lake Way borefield subterranean fauna assessment*. Prepared for BHP Billiton Nickel West, Perth. Outback Ecology, Jolimont, Western Australia. 64 pp.
- Coughran, J., Ramlee, L., Rodman, S., Ross, S. and Stevens, N. 2012. *Lake Way South subterranean fauna assessment*. Prepared for BHP Billiton, Nickel West. Outback Ecology, Jolimont, Western Australia. 64 pp.
- Coughran, J., Ramlee, L., Ross, S., Stevens, N. and Thomas, E. 2012. *Lake Maitland stygofauna assessment*. Prepared for Mega Lake Maitland Pty Ltd. Outback Ecology, Jolimont, Western Australia. 137 pp.
- Coughran, J., Ramlee, L., Ross, S., Stevens, N. and Thomas, E. 2012. *Wiluna stygofauna assessment*. Prepared for Toro Energy Ltd. Outback Ecology, Jolimont, Western Australia. 220 pp.
- Coughran, J., Wilson, C. and Taukulis, F. 2012. *Aquatic baseline study of Jones Creek and the south-west claypans*. Prepared for BHP Billiton, Nickel West. Outback Ecology, Jolimont, Western Australia. 57 pp.
- Hay, B., Coughran, J. and Taukulis, F. 2012. *Aquatic assessment of Lake Austin*. Prepared for Westgold Resources Ltd. Outback Ecology, Jolimont, Western Australia. 47 pp.

- Puglisi, J. and Coughran, J. 2012. *Assessment of White Flag Lake during a partial flood event, 2011*. Prepared for Barrick (Kanowna) Ltd. Outback Ecology, Jolimont, Western Australia. 41 pp.
- Coughran, J. 2011. *Desktop review of aquatic ecosystems associated with the Ridley River*. Prepared for Atlas Iron Pty Ltd. Outback Ecology, Jolimont, Western Australia. 34 pp.
- Coughran, J. 2011. *Sunrise Dam Gold Mine: Annual dewatering discharge licence report*. Prepared for AngloGold Ashanti Australia Ltd. Outback Ecology, Jolimont, Western Australia. 51 pp.
- Coughran, J. 2011. *Whim Creek project: Stygofauna desktop assessment*. Prepared for Venturex Resources Ltd. Outback Ecology, Jolimont, Western Australia. 19 pp.
- Coughran, J. and Gregory, S. 2011. *Lake Carey regional survey, 2010*. Prepared for Lake Carey Catchment Management Group. Outback Ecology, Jolimont, Western Australia. 53 pp.
- Coughran, J. and Stevens, N. 2011. *Wingellina Nickel project: Subterranean fauna assessment*. Prepared for Metals X Ltd. Outback Ecology, Jolimont, Western Australia. 32 pp.
- Coughran, J. and Taukulis, F. 2011. *Aquatic assessment of Lake MacLeod*. Prepared for Rio Tinto, Dampier Salt Ltd. Outback Ecology, Jolimont, Western Australia. 50 pp.
- Coughran, J. and Taukulis, F. 2011. *Lake Maitland baseline aquatic assessment*. Prepared for Mega Lake Maitland Pty Ltd. Outback Ecology, Jolimont, Western Australia. 63 pp.
- Hay, B., Puglisi, J., Gregory, S. and Coughran, J. 2011. *Biannual ecological monitoring of Lake Carey (SDGM)*. Prepared for AngloGold Ashanti Australia Ltd. Outback Ecology, Jolimont, Western Australia. 50 pp.
- Puglisi, J., Thomas, E., Coughran, J. and de Lange, R. 2011. *Assessment of aquatic biota and riparian vegetation at Lake Cowan, November 2010 (Phase 3)*. Prepared for Norseman Gold. Outback Ecology, Jolimont, Western Australia. 42 pp.
- Ross, S. and Coughran, J. 2011. *Sediment survey report: Baseline sediment criteria for Lake Maitland*. Prepared for Mega Lake Maitland Pty Ltd. Outback Ecology, Jolimont, Western Australia. 71 pp.
- Sullivan, L.A., Burton, E.D., Ward, N.J., Bush, R.T., Coughran, J., Cheetham, M.D., Fyfe, D.M., Cheeseman, P.J. and McIntyre, T. 2011. *Lower Lakes sulfate reduction study*. Prepared for Sth Australian Environmental Protection Authority (EPA). Southern Cross GeoScience Technical Report No. 711, Southern Cross University, Lismore, NSW. 326 pp.
- Ward, N.J., Bush, R.T., Sullivan, L.A., Coughran J. and Fyfe, D.M. 2011. *Assessment of Acid Sulfate Soil Materials (Phase 2): Boeill Creek/Lagoon Wetland Complex*. Prepared for Murray-Darling Basin Authority. Southern Cross GeoScience Technical Report 111, Southern Cross University, Lismore, NSW. 26 pp.
- Ward, N.J., Bush, R.T., Sullivan, L.A., Coughran J. and Fyfe, D.M. 2011. *Assessment of Acid Sulfate Soil Materials (Phase 2): Boiling Downs Creek*. Prepared for Murray-Darling Basin Authority. Southern Cross GeoScience Technical Report 511, Southern Cross University, Lismore, NSW. 27 pp.
- Ward, N.J., Bush, R.T., Sullivan, L.A., Coughran J. and Fyfe, D.M. 2011. *Assessment of Acid Sulfate Soil Materials (Phase 2): Brickworks Lagoon*. Prepared for Murray-Darling Basin Authority. Southern Cross GeoScience Technical Report 211, Southern Cross University, Lismore, NSW. 27 pp.
- Ward, N.J., Bush, R.T., Sullivan, L.A., Coughran J. and Fyfe, D.M. 2011. *Assessment of Acid Sulfate Soil Materials (Phase 2): Glen Esk-Rusty Waterhole*. Prepared for Murray-Darling Basin Authority. Southern Cross GeoScience Technical Report 311, Southern Cross University, Lismore, NSW. 30 pp.
- Ward, N.J., Bush, R.T., Sullivan, L.A., Coughran J. and Fyfe, D.M. 2011. *Assessment of Acid Sulfate Soil Materials (Phase 2): Wakool River Billabong (Wetland ID 20246)*. Prepared for Murray-Darling Basin Authority. Southern Cross GeoScience Technical Report 411, Southern Cross University, Lismore, NSW. 30 pp.
- Ward, N.J., Bush, R.T., Sullivan, L.A., Coughran J., Fyfe, D.M. 2011. *Assessment of Acid Sulfate Soil Materials (Phase 2): Edward-Wakool channel system*. Prepared for Murray-Darling Basin Authority. Southern Cross GeoScience Technical Report 611, Southern Cross University, Lismore, NSW. 81 pp.
- Bush, R.T., Tulau, M., Coughran, J., Ward, N.J., Wong, V.N.L., Cheetham, M. and Morand, D. 2010. *Distribution and hazard of sulfidic sediments in a river and creek channel system of the Murray-Darling Basin: Edward-Wakool channel system case study*. Southern Cross GeoScience Technical Report No. 1010, Southern Cross University, Lismore, NSW.
- Ward, N.J., Bush, R.T., Sullivan, L.A., Cheeseman, P., McGrath, R., Fyfe, D.M., Coughran J. and Wong, V.N.L. 2010. *Assessment of Acid Sulfate Soil Materials in the Mildura Region of the Murray-Darling Basin*. Prepared for Murray-Darling Basin Authority. Southern Cross GeoScience Technical Report 210, Southern Cross University, Lismore, NSW. 155 pp.
- Ward, N.J., Bush, R.T., Sullivan, L.A., Coughran J. and Fyfe, D.M. 2010. *Assessment of Acid Sulfate Soil Materials (Phase 2): Fivebough and Tuckerbil Swamps*. Prepared for Murray-Darling Basin Authority. Southern Cross GeoScience Technical Report 1110, Southern Cross University, Lismore, NSW. 56 pp.
- Ward, N.J., Bush, R.T., Sullivan, L.A., Coughran, J., Cheeseman, P.J., Fyfe, D.M., McIntyre, T.C. and Wong, V.N.L. 2010. *Sediment and Water Quality Assessment. Rehabilitation of Moira Lake Wetland System (Stage 3)*. Prepared for the Public Works – NSW Water Solutions. Southern Cross GeoScience Technical Report No. 810, Southern Cross University, Lismore, NSW. 79 pp.
- Ward, N.J., Bush, R.T., Sullivan, L.A., Fyfe, D.M. Coughran J., Tulau, M., Allman, B., Morand, D. and Wong, V.N.L. 2010. *Assessment of Acid Sulfate Soil Materials in the Edward and Wakool Rivers Region of the Murray-Darling Basin*. Prepared for Murray-Darling Basin Authority. Southern Cross GeoScience Technical Report 410, Southern Cross University, Lismore, NSW. 163 pp.

- Ward, N.J., Bush, R.T., Sullivan, L.A., Fyfe, D.M. Coughran J., Tulau, M., Allman, B., Morand, D. and Wong, V.N.L. 2010. *Assessment of Acid Sulfate Soil Materials in the River Murray, Hume to Yarrowonga Region of the Murray-Darling Basin*. Prepared for Murray-Darling Basin Authority. Southern Cross GeoScience Technical Report 510, Southern Cross University, Lismore, NSW. 119 pp.
- Ward, N.J., Wong, V.N.L., Bush, R.T., Sullivan, L.A., Fyfe, D.M., Coughran J. and McIntyre, T. 2010. *Assessment of Acid Sulfate Soil Materials in the Talwood-Mungindi Region of the Murray-Darling Basin*. Prepared for Murray-Darling Basin Authority. Southern Cross GeoScience Technical Report 610, Southern Cross University, Lismore, NSW. 51 pp.
- McCormack, R.B. and Coughran, J. 2009. *Norfolk Island Freshwater Aquatic Survey 2009*. Prepared for Australian Aquatic Biological Pty. Ltd. 17 pp.
- Coughran, J., Dawkins, K.L. and Furse, J.M. 2008. *An assessment of the genus Tenuibranchiurus (1 species) against IUCN Red List criteria*. Prepared for the global species conservation assessment of crayfishes, for the IUCN Red List of Threatened Species. 2 pp.

Formal Conservation Assessments

Coughran et al. 2010. Key collaborator on 51 species conservation assessments for the IUCN Red List of Threatened Species: Genera *Euastacus*, *Cherax* and *Tenuibranchiurus*. Available online at: www.iucnredlist.org

Scientific Magazine and Newsletter Articles

- Kawai, T. and Coughran, J. 2018. Knowledge of the natural history of the Japanese freshwater crayfish, *Cambaroides japonicus*, in Japan: Information from Ukiyo-e, "pictures of the floating world" during the late Edo period. *Crayfish News* 40(1-2):7-8.
- Kawai, T., Barabanshchikov, E. and Coughran, J. 2016. Crayfish music in far-east Asia. *Crayfish News* 38(1):4-5.
- Sunagawa, M., Kawai, T. and Coughran, J. 2015. The history and status quo of ornamental crustaceans in Japan. *Crayfish News* 37(3):8-11.
- Coughran, J. 2013. Australian endangered species: Leckie's Crayfish. *The Conversation*. <https://theconversation.com/australian-endangered-species-leckies-crayfish-17480>
- Coughran, J. 2012. Australian endangered species: Spiny Crayfish. *The Conversation*. <https://theconversation.com/australian-endangered-species-spiny-crayfish-11414>
- Oliver, N. and Coughran, J. 2009. What lurks within the depths of Washpool's rainforests? *Crayfish News* 31(2):1, 13.
- Coughran, J. 2008. Snip, snip... (Snip)? An unusual pseudo-claw in the Simple Crayfish, *Euastacus simplex*. *Crayfish News* 30(4): 4.
- Coughran, J. and Leckie, S. 2005. News from the wilderness of crayfish research. *Fishes of Sahul* 19(2): 143-148.
- Leckie, S. and Coughran, J. 2005. *Euastacus suttoni*: the New England Crayfish. *Fishes of Sahul* 19(3): 167-172.
- Coughran, J. 2004. The crayfishes of northeastern NSW, Australia. *Crayfish News* 26(4): 9-13.

General Presentations

- Coughran, J. 2013. "Wetland Values of the Eastern Pilbara". Two workshops on the development and prioritisation of a regional inventory of wetland features. Various stakeholders, BHP Billiton Iron Ore, Perth, Western Australia.
- Coughran, J. 2012. "Assessment of Temporary Aquatic Systems in Flood: Two Mine-related Case Studies from the North-eastern Goldfields". Goldfields Environmental Management Group Conference, Kalgoorlie, Western Australia.
- Coughran, J. 2005. "Freshwater Fish and Crustaceans of the Big Scrub Rainforest". Workshop, Big Scrub Rainforest Day, Rocky Creek Dam, New South Wales.

Sermons

I have preached around 200 sermons from the Bible, primarily in the capacity of pastor at Horizon Reformed Christian Fellowship and then New City Presbyterian Church, but a dozen or so as invitational sermons for Northcoast Unichurch, Bentley Unichurch, Coastlands Community Church, Fremantle Church, Brookton Calvary Chapel, Sheridan College and Mandurah Presbyterian Church, and a handful of weddings/funerals. My preaching involves translation and exegesis from the original languages, and covers a wide range of Scriptures:

- Psalms – 12 sermons
- Daniel – 9 sermons (series)
- Zephaniah – 4 sermons (short series)
- Joel – 3 Sermons (short series)
- Matthew – 12 sermons (incl. 1 series)
- Mark – 3 sermons
- Luke – 5 sermons
- John – 48 Sermons (long series)
- Acts – 35 Sermons (long series)

- Colossians – 8 sermons (series)
- Hebrews – 10 sermons (series)
- 1,2,3 John – 9 sermons (series)
- Topical sermons and series –
 - Holiness – 10 sermons (series)
 - Christmas and Easter – 11 sermons
 - Identity of Christ – 6 sermons (short series)
 - Fundamentals of Christianity – 8 sermons (series)
 - General – 7 sermons

Many of these can be accessed via –

<http://www.horizonchurch.com.au/sermons>

<https://www.newcitypresbyterian.church/sermons>

<https://www.thegospelseed.net/the-bible-talks/>