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- Abecia, J.E., Luiz, O.J., **Crook, D.A.**, Banks, S.C., Wedd, D.J., & **King, A.J.** (2021). Morphological changes and reproductive costs in brooders of two mouthbrooding freshwater fishes. *Ecology of Freshwater Fish*, 1–10. <https://doi.org/10.1111/eff.12636>
- Bonar, S.A., Avery, J., Camacho, A., Douglas, M.E., Gillanders, B.M., Grotoli, A.G., **King, A.J.**, Murphy, B.R., Ramírez, A., Rzymiski, P. & Sandu, C. (2021). World's leading scientific aquatic societies sound alarm for climate action. *Nature*, 589, 352. <http://doi.org/10.1038/d41586-021-00107-x>
- Campbell C.J., James, C.S., Morris, K., Nicol, J.M., Thomas, R.F., Nielsen, D.L., Gehrig, S.L., Palmer, G.J., Wassens, S., Dyer, F., Southwell, M., Watts, R.J., **Bond, N.R.** & Capon, S.J. (2021). Blue, green and in-between: objectives and approaches for evaluating wetland flow regimes based on vegetation outcomes. *Marine and Freshwater Research*. <https://doi.org/10.1071/MF20338>
- Carpenter-Bundhoo, L., Butler, G., **Bond, N.**, Bunn, S. & Kennard, M. (2021). Long-term acoustic telemetry reveals limited movement of fish in an unregulated, perennial river. *Marine and Freshwater Research*. <https://doi.org/10.1071/MF21004>
- Chi, T.U.L., Paul W.L., Gawne, B. & **Suter, P.J.** (2021). Insight into the multi-decadal effects of floods on aquatic macroinvertebrate community structure in the Murray River using distributed lag nonlinear models and counterfactual analysis. *Science of the Total Environment*, 757, 1–13. <http://doi.org/10.1016/j.scitotenv.2020.143988>
- Crook, D.A.**, Keller, K., Adair, B.J., Luiz, O.J., Waugh, P.S., Schult, J., Dostine, P.L., Townsend, S.A. & **King, A.J.** (2021). Use of radiotelemetry to quantify diel habitat preferences and minimum environmental flow requirements of a tropical riverine fish (Sooty grunter *Hephaestus fuliginosus*). *Ecohydrology*, e2290. <https://doi.org/10.1002/eco.2290>
- Fournier, R.J., **Bond, N.R.** & Magoulick, D.D. (2021). Modeling effects of disturbance across life history strategies of stream fishes. *Oecologia*. <https://doi.org/10.1007/s00442-021-04941-8>
- Gatti, F.D., Salles, F.F., **Suter, P.J.** & Leite, Y.L.R. (2021) Gondwana breakup under the ephemeral look. *Journal of Zoological Systematics and Evolutionary Research*, 59. <https://doi.org/10.1111/jzs.12477>.
- Hammer, M.P., Taillebois, L., **King, A.J.**, **Crook, D.A.**, Wedd, D., Adams, M., Unmack, P.J., Hoese, D.F. & Bertozzi, T. (2021). Unravelling the taxonomy and identification of a problematic group of benthic fishes from tropical rivers (Gobiidae: *Glossogobius*). *Journal of Fish Biology*, 50(1), 1095-8649. <https://doi.org/10.1111/jfb.14701>

- Jacobus, L.M., Salles F., Price, B., Periera-Da-Conceicao, L., Dominguez, E., **Suter, P.J.**, Molineri, C., Tiunova, T.M. & Sartori, M. (2021). Mayfly taxonomy (Arthropoda: Hexapoda: Ephemeroptera) during the first two decades of the twenty-first century and the concentration of taxonomic publishing. *Zootaxa* 4979:25–30. <https://doi.org/10.11646/zootaxa.4979.1.6>
- L.Gómez-Gener, L., **Siebers, A.R.**, Arce, M.I., et al. (2021). Towards an improved understanding of biogeochemical processes across surface-groundwater interactions in intermittent rivers and ephemeral streams. *Earth-Science Reviews*. <https://doi.org/10.1016/j.earscirev.2021.103724>
- Macoustra, G., Jolley, D., Stauber, J., Koppel, D. & **Holland, A.** (2021). Effect of DOM concentration and source on the chronic toxicity of copper and nickel mixtures to *Chlorella* sp., Environmental Toxicology and Chemistry. *Environmental Toxicology and Chemistry*, 1552-8618. <https://doi.org/10.1002/etc.5038>
- Novak, P.A., Fairfield, C.A., Miloskis, M., Knight, Z.C., Lindsay, R. & **King, A.** (2021). Bank erosion in a macrotidal tropical river: Exploring the relative impact of boat wash on riverbank erosion. *River Research and Applications*, 37(1), 3-16. <https://doi.org/10.1002/rra.3736>
- Price, G., Stauber, J., **Holland, A.**, Koppel, D., Van Genderen, E., Ryan, A. & Jolley, D. (2021). The influence of pH on Zinc Lability and Toxicity to a Tropical Freshwater Microalga. *Environmental Toxicology and Chemistry*, 40(10), 2836-2845. <https://doi.org/10.1002/etc.5177>
- Roberts, B.H., Morrongiello, J.R., Morgan, D.L. **King, A.J.**, Saunders, T.M. & **Crook, D.A.** (2021). Faster juvenile growth promotes earlier sex change in a protandrous hermaphrodite (barramundi *Lates calcarifer*). *Nature Scientific Reports*, 11, 2276. <http://doi.org/10.1038/s41598-021-81727-1>
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- Saboret, G., Buckle, D.J., **King, A.J.**, Douglas, M.M. & **Crook, D.A.** (2021). Partial migration in diadromous fishes drives the allocation of subsidies across the freshwater-marine ecotone. *Animal Migration*, 8(1), 40-55. <https://doi.org/10.1515/ami-2020-0108>
- Shackleton, M.E.**, Dafforn, K.A., Murphy, N.P., Greenfield, P., Cassidy, M. & Besley, C.H. (2021). How does molecular taxonomy for deriving river health indices correlate with traditional morphological taxonomy? *Science Direct*, 125, 107537. <https://doi.org/10.1016/j.ecolind.2021.107537>
- Shakya, M., **Silvester, E.**, **Holland, A.** & Rees, G. (2021). Taxonomic, seasonal and spatial variation in the amino acid profile of freshwater macroinvertebrates. *Aquatic Sciences*, 83(32). <https://doi.org/10.1007/s00027-021-00789-5>
- Shakya, M., **Silvester, E.**, Rees, G., Stitz, L. & **Holland, A.** (2021). Spatial variation in the amino acid profile of four macroinvertebrate taxa along a highly polluted river. *Environmental Pollution*. <https://doi.org/10.1016/j.envpol.2021.117536>
- Sheldon, F., Barma, D., Baumgartner, L.J., **Bond, N.**, Mitrovic, S.M. & Vertessy, R. (2021). Assessment of the causes and solutions to the significant 2018-2019 fish deaths in the Lower Darling River, New South Wales, Australia. *Marine and Freshwater Research*. <https://doi.org/10.1071/MF21038>
- Siebers, A.**, Pailex, A. & Robinson, C. (2021). Riparian hunting spiders do not rely on aquatic subsidies from intermittent alpine streams. *Aquatic Sciences*, 83, 25. <https://doi.org/10.1007/s00027-021-00779-7>
- Silvester, E.**, Karis, T., Yusuf, A., Pengelly, J., Grover, S. & Rees, G.N. (2021). Organic carbon and nitrogen dynamics during a peatland storm event: how dissolved combined amino acids reveal the spatial and temporal separation of organic molecules. *Journal of Hydrology*. In press. <https://doi.org/10.1016/j.jhydrol.2021.126191>
- Tyler, K.J., Wedd, D., **Crook, D.A.**, Kennard, M.J. & **King, A.J.** (2021). Hydrology drives variation in spawning phenologies and diversity of larval assemblages of Australian wet–dry tropical fish. *Freshwater Biology*, 66(10), 1949-1967. <https://doi.org/10.1111/fwb.13802>

Zampatti, B.P., Fanson, B., Balcombe, S., Baumgartner, L., Butler, G., Brooks, S., **Crook, D.**, Doyle, K., **King, A.J.**, Koster, W., Lyon, J., Maas, R., Sadekov, A., Strawbridge, A., Thiem, J., Tonkin, Z., Wilson, P., Woodhead, J. & Woods, R. (2021). Population demographics of golden perch (*Macquaria ambigua*) in the Darling River prior to a major fish kill: a guide for rehabilitation. *Marine and Freshwater Research*. <https://doi.org/10.1071/MF21033>

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Books – 1

Hart, B., Byron, N., **Bond, N.**, Pollino, C., Stewardson, M. (2021). Murray-Darling Basin, Australia Its Future Management. La Trobe Book. <https://doi.org/10.26181/60581f3da94cc>

Book Chapters – 3

Bond, N.R., Brooks, S., Capon, S., Hale, J., Kennard, M. & McGinness, H. (2021). Chapter 4 - Water-based assets of the Murray–Darling Basin and their ecological condition. In *Ecohydrology from Catchment to Coast* (Eds B.T. Hart, N.R. Bond, N. Byron, C.A. Pollino & M.J. Stewardson), Murray-Darling Basin, Australia, Elsevier, Volume 1, pp. 75-93.

Hart, B.T., **Bond, N.R.**, Byron, N., Polino, C.A. & Stewardson, M.J. (2021). Chapter 1 - Introduction to the Murray-Darling Basin system, Australia. In *Ecohydrology from Catchment to Coast* (Eds Hart, B.T., **Bond, N.R.**, Byron, N., Polino, C.A. & Stewardson, M.J.), Murray-Darling Basin, Australia, Elsevier, Volume 1, pp 1-17.

Hart, B.T., Alexandra, J., **Bond, N.R.**, Byron, N., Marsh, R., Pollino, C.A. & Stewardson, M.J. (2021). Chapter 18 - The way forward: Continuing policy and management reforms in the Murray–Darling Basin. In *Ecohydrology from Catchment to Coast* (Eds B.T. Hart, N.R. Bond, N. Byron, C.A. Pollino, M.J. Stewardson), Murray-Darling Basin, Australia, Elsevier, Volume 1, pp. 389-429.

Scientific, Technical and Consultancy Reports - 6

Arrowsmith, C., Vietz, G., & **Bond, N.** (2021). What does it mean to take flows out of creeks? Report by Streamology to Sydney Water, August 2021. CFE Publication 271.

Bond, N.R. (2021). Incorporating ecosystem goods and services into water management project Final Report to the Victoria-Government on the Victoria-Parana collaboration Scheme outcomes. Report prepared for Global Victoria/Department of Jobs, Precincts and Regions by the Centre for Freshwater Ecosystems, La Trobe University. CFE Publication 266.

Houghton, J., **Crook, D.**, Boon, P., Iervasi, D., Davies, P. Hale, J. Arrowsmith, C., & **Bond, N.** (2021). Wimmera River (Barengi Gadjin) Drought Refuge Management Planning. A report prepared by Streamology for Wimmera Catchment Management Authority. June 2021. CFE Publication 268.

King, A., **Crook, D.**, **Shackleton, M.** & **Bond, N.** (2021). MERI for Fish of the Melbourne Water region: A Discussion Paper. Report prepared for Melbourne Water by the Centre for Freshwater Ecosystems, La Trobe University. CFE Publication 263.

McPhan, L.M. & **Bond, N.R.** (2021). Provision of Predictive Vegetation Condition Modelling for Constraints Projects: Project Workplan. Report prepared for the Department of Planning, Industry and Environment by the Centre for Freshwater Ecosystems, La Trobe University. CFE Publication 264.

Silvester, E., **Holland, A.**, **Shackleton, M.**, **Siebers, A.**, Acharya, S., Lines, O., Petrie, R. & Davey, C. (2021). Peatland condition and headwater aquatic ecosystems: beyond sponges. Report prepared for Australian Heritage Grants by the Centre for Freshwater Ecosystems, La Trobe University. CFE Publications 258.