

Full Publication List for Professor Stuart Bunn
Correct at December 2010

Refereed journal articles: (h index = 31; average citations per paper >30)

103. Zhang, Y., Shao, Q., Xia, J., Bunn, S.E., Arthington, A.H., Mackay, S., Kennard, M. (in press). Classification of natural flow regimes for environmental flow assessment in regulated rivers, Huai River Basin, China. *River Research and Applications*
102. Jardine, T.D., Hunt, R.J., Pusey, B.J. and Bunn, S.E. (2011). A non-lethal sampling method for stable isotope studies of tropical fishes. *Marine and Freshwater Research* **62**, 83-90.
101. Pettit, N.E., Bayliss, P., Davies, P.M., Hamilton, S.K. Warfe, D.M. Bunn, S.E. and Douglas, M.M. (2011). Seasonal contrasts in carbon resources and ecological processes on a tropical floodplain. *Freshwater Biology* doi:10.1111/j.1365-2427.2010.02544.x
100. Zhang, Y., Shao, Q., Xia, J., Bunn, S.E. and Zuo, Q. (2011). Changes of flow regimes and precipitation in Huai River Basin in the last half century. *Hydrological Processes* **25**, 246–257.
99. Peterson, E.E., Sheldon, F., Darnell, R., Bunn, S.E. and Harch, B.D. (2011). A comparison of spatially explicit landscape representation methods and their relationship to seasonal stream conditions. *Freshwater Biology* doi:10.1111/j.1365-2427.2010.02507.x
98. Vörösmarty, C.J., McIntyre, P.B., Gessner, M.O., Dudgeon, D., Prusevich, A., Green, P.A., Glidden, S., Bunn, S.E., Sullivan, C.A., Reidy, C.A., Davies, P.M. (2010). Global threats to human water security and river biodiversity. *Nature* **467**, 555-561. (2 citations)
97. Sheldon, F., Bunn, S.E., Hughes, J.M., Arthington, A.H., Balcombe, S.R. and Fellows, C.S. (2010). Dryland river waterholes: Ecological roles and threats to aquatic refugia in arid landscapes. *Marine and Freshwater Research* **61**, 885–895. (3 citations)
96. Jardine, T.D. and Bunn, S.E. (2010). Northern Australia, whither the mercury? *Marine and Freshwater Research* **61**, 451-463. (0 citations)
95. Leigh, C., Burford, M.A., Sheldon, F. and Bunn, S.E. (2010). Dynamic stability in dry season food webs within tropical floodplain rivers. *Marine and Freshwater Research* **61**, 357–368. (1 citation)
94. Lutton, S., Sheldon, F. and Bunn, S.E. (2010). Morphological characteristics of on-farm water storages and their similarity to natural waterbodies in the Border Rivers Catchment, Australia. *Aquatic Conservation* **20**, 47–57. (1 citation)
93. Bunn, S.E., Abal, E.G., Smith, M.J., Choy, S.C., Fellows, C.S., Harch, B.D., Kennard, M.J., Sheldon, F. (2010). Integration of science and monitoring of river ecosystem health to guide investments in catchment protection and rehabilitation. *Freshwater Biology* **55**, 223-240 (2 citations)
92. Stewart-Koster, B., Bunn, S.E., Mackay, S.J., Poff, N.L., Naiman, R.J. and Lake, P.S. (2010). The use of Bayesian networks to guide investments in flow and catchment restoration for impaired river ecosystems. *Freshwater Biology* **55**, 243-260. (2 citations)
91. Poff, N.L., Richter, B., Arthington, A.H., Bunn, S.E., Naiman, R.J., Apse, C., Kendy, E., Warner, A.T., Tharme, R., Bledsoe, B.P., Merritt, D., Jacobson, R.B., Freeman, M., Rogers, K., Henriksen, J., Olden, J., O’Keeffe, J. and Acreman, M. (2010). The Ecological Limits of Hydrologic Alteration: A Framework for Developing Regional Environmental Flow Standards. *Freshwater Biology* **55**, 147-170 (17 citations)
90. Fellows, C.S., Bunn, S.E., Sheldon, and F.S. Beard, N. (2009). Benthic metabolism in two dryland rivers. *Freshwater Biology* **54**, 236-253. (7 citations)

89. Burford, M.A., Cook, A.J., Fellows, C.S., Balcombe, S.R. and Bunn, S.E. (2008). Sources of carbon fuelling production in an arid floodplain river system. *Marine and Freshwater Research* **59**, 224-234. (9 citations)
88. Logan, J., Jardine, T., Miller, T., Bunn, S.E., Cunjak, R. and Lutcavage, M. (2008). Lipid corrections in carbon and nitrogen stable isotope analyses: comparison of chemical extraction and modelling methods. *Journal of Animal Ecology* **77**, 838-846. (16 citations)
87. Bunn, S.E., Abal, E.G., Greenfield, P.F. and Tarte, D.M. (2007). Making the connection between healthy waterways and healthy catchments: South East Queensland, Australia. *Water Science and Technology: Water Supply* **7**, 93–100. (2 citation)
86. Balcombe, S.R., Bunn, S.E., Arthington, A.H., Fawcett, J.H, McKenzie-Smith, F.J. and Wright, A. (2007). Fish larvae, growth and biomass relationships in an Australian arid zone river: links between floodplains and waterholes. *Freshwater Biology* **52**, 2385-2398 (13 citations)
85. Cook, B.D., Bunn, S.E. and Hughes, J.M. (2007). A comparative analysis of population structuring and genetic diversity in sympatric lineages of freshwater shrimp (Atyidae: *Paratya*): concerted or independent responses to hydrographic factors? *Freshwater Biology* **52**, 2156-2171. (9 citations)
84. Cook, B.D., Bunn, S.E. and Hughes, J.M. (2007). Molecular genetic and stable isotope signatures reveal complementary patterns of population connectivity in the regionally vulnerable southern pygmy perch (*Nannoperca australis*). *Biological Conservation* **138**, 60-72. (15 citations)
83. Fellows, C.S., Wos, M., Pollard, P. and Bunn, S.E. (2007). Ecosystem metabolism in a dryland river waterhole. *Marine and Freshwater Research* **58**, 250-262. (4 citations)
82. Carini, G., Hughes, J.M., Bunn, S.E. (2006). The role of waterholes as 'refugia' in sustaining genetic diversity and variation of two freshwater species in dryland river systems (Western Queensland, Australia). *Freshwater Biology* **52**, 1434-1446 (6 citations)
81. Coman F.E., Connolly R.M., Bunn S.E., Preston, N.P. (2006). Food sources of the sergestid crustacean, *Acetes sibogae*, in shrimp ponds. *Aquaculture* **259**, 222–233. (0 citations)
80. Balcombe, S.R., Arthington, A.H., Foster, N.D., Thoms, M.C., Wilson, G.G. and Bunn, S.E. (2006). Fish assemblages of an Australian dryland river: abundance, assemblage structure and recruitment patterns in the Warrego River, Murray–Darling Basin. *Marine and Freshwater Research* **57**, 619-633. (14 citations)
79. Arthington, A.H., Bunn, S.E., Poff, N.L. & Naiman, R.J. (2006). The challenge of providing environmental flow rules to sustain river ecosystems. *Ecological Applications* **16**, 1311-1318. (95 citations)
78. Udy, J.W., Fellows, C.S., Bartkow, M., Bunn, S.E., Clapcott, J.E., and Harch, B.D. (2006). Measures of nutrient processes as indicators of stream ecosystem health. *Hydrobiologia* **572**, 89-102. (12 citations)
77. Fellows, C.S., Clapcott, J.E., Udy, J.W., Bunn, S.E., Harch, B.D. and Davies, P.M. (2006). Benthic metabolism as an indicator of stream ecosystem health. *Hydrobiologia* **572**, 71-87. (34 citations)
76. Brito, E.F., Moulton, T.P., de Souza, M.L. and Bunn, S.E. (2006). Stable isotope analysis indicates microalgae as the predominant food source of fauna in a coastal forest stream of southeast Brazil. *Austral Ecology* **31**, 623-633. (23 citations)
75. McKenzie-Smith F.J., Bunn, S.E. and House, A.P.N. (2006). Habitat dynamics in the bed sediments of an intermittent upland stream. *Aquatic Sciences - Research Across Boundaries* **68**, 86-99. (2 citations)
74. Bernhardt, E., Bunn, S.E., Hart, D.D., Malmqvist, B., Muotka, T., Naiman, R.J., Pringle, C., Reuss, M., and van Wilgen, B. (2006). Perspective. The challenge of ecologically sustainable water management. *Water Policy* **8**, 475-479. (8 citations - Scopus)

73. Bunn, S.E., Thoms, M.C., Hamilton, S.K. and Capon, S.J. (2006). Flow variability in dryland rivers: boom, bust and the bits in between. *River Research and Applications* **22**, 179-186. (42 citations)
72. Balcombe, S.R., Bunn, S.E., McKenzie-Smith F.J. and Davies, P.M. (2005). Variability of fish diets between dry and flood periods in an arid zone floodplain river. *Journal of Fish Biology* **67**, 1552-1567. (29 citations)
71. Hadwen, W.L. and Bunn, S.E. (2005). Food web responses to low-level nutrient and ¹⁵N-tracer additions in the littoral zone of an oligotrophic dune lake. *Limnology and Oceanography* **50**, 1096-1105. (5 citations)
70. Douglas, M.M., Bunn, S.E. and Davies, P.M. (2005). River and wetland food webs in Australia's wet-dry tropics: general principles and implications for management. *Marine and Freshwater Research* **56**, 329-342. (26 citations)
69. Hamilton, S.K., Sippel, S.J and Bunn, S.E. (2005). Separation of algae from detritus for stable isotope or ecological stoichiometry studies using density fractionation in colloidal silica. *Limnology and Oceanography Methods* **3**, 149-157. (33 citations)
68. Hamilton, S.K., Bunn, S.E., Thoms, M.C. and Marshall, J. (2005). Persistence of aquatic refugia between flow pulses in a dryland river system (Cooper Creek, Australia). *Limnology and Oceanography* **50**, 743-754. (18 citations)
67. Hadwen, W.L., Bunn, S.E., Arthington, A.H. and Mosisch, T.D. (2005). Within-lake detection of the effects of tourist activities in the littoral zone of oligotrophic dune lakes. *Aquatic Ecosystem Health and Management* **8**, 159-173. (7 citations)
66. Rutherford, J.C., Marsh, N.A., Davies, P.M. and Bunn, S.E. (2004). Effects of patchy shade on stream water temperature: how quickly do small streams heat and cool? *Marine and Freshwater Research* **55**, 737-748. (22 citations)
65. Hadwen, W.L. and Bunn, S.E. (2004). Tourists increase the contribution of autochthonous carbon to littoral zone food webs in oligotrophic dune lakes. *Marine and Freshwater Research* **55**, 701-708. (7 citations)
64. Hughes, J., Baker, A.M, Bartlett, C., Bunn, S., Goudkamp, K. and Somerville, J. (2004). Past and present patterns of connectivity among populations of four cryptic species of freshwater mussels *Velesunio* spp. in central Australia. *Molecular Ecology* **13**, 3197-3212. (13 citations)
63. Baker, A.M., Hughes, J.M., Dean, J.C. and Bunn, S.E. (2004). Mitochondrial DNA reveals phylogenetic structuring and cryptic diversity in Australian freshwater macroinvertebrate assemblages. *Marine and Freshwater Research* **55**, 629-640. (19 citations)
62. Burford, M., Preston, N., Minh, T.H., Hoa, T.T.T, Bunn, S.E. and Fry, V.M. (2004). Dominant sources of dietary carbon and nitrogen for shrimp reared in extensive rice-shrimp ponds. *Aquaculture Research* **35**, 194-203. (4 citations)
61. Baker, A., Bartlett, C., Bunn, S.E., Goudkamp, K., Sheldon, F. and Hughes, J.M. (2003). Cryptic species and morphological plasticity in long-lived bivalves (Unionoida: Hyriidae) from inland Australia. *Molecular Ecology* **12**, 2707-2717. (21 citations)
60. Clapcott, J.E. and Bunn, S.E. (2003). Can C4 plants contribute to the aquatic food webs of subtropical streams? *Freshwater Biology* **48**, 1105-1116. (19 citations)
59. Hughes, J., Hillyer, M. and Bunn, S.E. (2003). Small-scale patterns of genetic variation in the mayfly *Bungona narilla* (Ephemeroptera: Baetidae) in rainforest streams in southeast Queensland. *Freshwater Biology* **48**, 709-717. (14 citations)
58. Bunn, S.E., Davies, P.M and Winning, M. (2003). Sources of organic carbon supporting the food web of an arid zone floodplain river. *Freshwater Biology* **48**, 619-635. (79 citations)
57. Hughes, J.M., Goudkamp, K., Hurwood, D.A., Hancock, M. and Bunn, S. (2003). Translocation causes extinction of a local population of the Glass Shrimp, *Paratya australiensis*. *Conservation Biology* **17**, 1007-1012. (16 citations)
56. Hurwood, D.A., Hughes, J.M., Bunn, S.E. and Cleary, C. (2003). Population structure in the freshwater shrimp (*Paratya australiensis*) inferred from allozymes and mitochondrial DNA. *Heredity* **90**, 64-70. (23 citations)

55. Cook, B.D., Bunn, S.E. and Hughes, J.M. (2002). Genetic structure and dispersal of *Macrobrachium australiense* (Decapoda: Palaemonidae) in western Queensland, Australia. *Freshwater Biology* **47**, 2098-2112. (31 citations)
54. Bunn, S.E. and Arthington, A.H. (2002). Basic principles and ecological consequences of altered flow regimes for aquatic biodiversity. *Environmental Management* **30**, 492-507. (258 citations).
53. Naiman, R.J., Bunn, S.E., Nilsson, C., Petts, G.E., Pinay, G. and Thompson, L.C. (2002). Legitimizing fluvial ecosystems as users of water: an overview. *Environmental Management* **30**, 455-467. (61 citations)
52. Lynch, R.J., Bunn S.E. and Catterall, C.P. (2002). Adult aquatic insects: potential contributors to riparian food webs in Australia's wet-dry tropics. *Austral Ecology* **27**, 515-526. (21 citations)
51. McGlashan, D.J., Hughes, J.M. and Bunn, S.E. (2001). Within drainage population genetic structure of the freshwater fish *Pseudomugil signifier* (Pseudomugilidae) in northern Australia. *Canadian Journal of Fisheries and Aquatic Sciences* **58**, 1842-1852. (9 citations)
50. Mosisch, T.D., Bunn, S.E. and Davies, P.M. (2001). The relative importance of riparian shading and nutrients on algal production in subtropical streams. *Freshwater Biology* **46**, 1269-78. (44 citations)
49. Udy, J.W. and Bunn, S.E. (2001). Elevated $\delta^{15}\text{N}$ values of aquatic plants in cleared catchments: why? *Marine and Freshwater Research* **52**, 347-351. (16 citations)
48. Catterall, C.P., Piper, S.D., Bunn, S.E. and Arthur, J.M. (2001). Flora and fauna assemblages vary with local topography in a subtropical eucalypt forest. *Austral Ecology* **26**, 56-69. (23 citations)
47. Hughes, J.M., Bunn, S.E., Cleary, C. and Hurwood, D.A. (2000). A hierarchical analysis of the genetic structure of an aquatic insect *Bungona* (Baetidae: Ephemeroptera). *Heredity* **85**, 561-570. (24 citations)
46. Bunn, S.E. and Davies, P.M. (2000). Biological processes in running waters and their implications for the assessment of ecological integrity. *Hydrobiologia* **422**, 61-70. (58 citations)
45. Winning, M.A., Connolly, R.C., Loneragan, N.R. and Bunn, S.E. (1999). ^{15}N enrichment as a method of separating the isotopic signatures of seagrass and its epiphytes for food web analysis. *Marine Ecology Progress Series* **189**, 289-294. (17 citations)
44. Robertson, A.I., Bunn, S.E., Boon, P.I. and Walker, K.F. (1999). Sources, sinks and transformations of organic carbon in Australian floodplain rivers. *Marine and Freshwater Research* **50**, 813-829. (77 citations)
43. Woolschot, L., Hughes, J.M. and Bunn, S.E. (1999). Dispersal among populations of *Caridina* sp. (Decapoda: Atyidae) in coastal lowland streams, southeast Queensland, Australia. *Marine and Freshwater Research* **50**, 681-688. (15 citations)
42. Mosisch, T., Bunn, S.E., Davies, P.M. and Marshall, C.J. (1999). Effects of shade and nutrient manipulation on periphyton growth in a small subtropical stream. *Aquatic Botany* **64**, 167-177. (18 citations)
41. Bunn, S.E., Davies, P.M., and Mosisch, T.D. (1999). Ecosystem measures of river health and their response to riparian and catchment degradation. *Freshwater Biology* **41**, 333-345. (135 citations)
40. Loneragan, N.R. and Bunn, S.E. (1999). River flows and estuarine ecosystems: Implications for coastal fisheries from a review and a case study of the Logan River, southeast Queensland. *Australian Journal of Ecology* **24**, 431-440. (56 citations)
39. Hancock, M.A. and Bunn, S.E. (1999). Swimming response to water current in *Paratya australiensis* Kemp 1917 (Decapoda: Atyidae) under laboratory conditions *Crustaceana* **72**, 313-323. (14 citations)
38. Hancock, M.A., Hughes, J.M. and Bunn, S.E. (1998). Influence of genetic and environmental factors on egg and clutch sizes among populations of *Paratya australiensis* Kemp (Decapoda: Atyidae) in upland rainforest streams, south-east Queensland. *Oecologia* **115**, 483-491. (17 citations)

37. Hughes, J.M., Bunn, S.E., Cleary, C. and Hurwood, D.A. (1998). Dispersal and recruitment of *Tasiagma ciliata* (Trichoptera: Tasiimiidae) in rainforest streams, south-east Queensland. *Freshwater Biology* **39**, 117-127. (43 citations)
36. Bunn, S.E., Davies, P.M., Kellaway, D.M., and Prosser, I. (1998). Influence of invasive macrophytes on channel morphology and hydrology in an open tropical lowland stream, and potential control by riparian shading. *Freshwater Biology* **39**, 171-178. (40 citations)
35. Boon, P.I., Bird, F.L. and Bunn, S.E. (1997). Diet of the intertidal callinassid shrimps *Biffarius arenosus* and *Trypea australiensis* (Decapoda: Thalassinidea) in Western Port (southern Australia), determined with multiple stable isotope analyses. *Marine and Freshwater Research* **48**, 503-511. (22 citations)
34. Loneragan, N.R., Bunn, S.E. and Kellaway, D.M. (1997). Are mangrove and seagrasses sources of organic carbon for penaeid prawns in a tropical Australian estuary?: A multiple stable isotope study. *Marine Biology* **130**, 289-300. (98 citations)
33. Bunn, S.E., Davies, P.M. and Kellaway, D.M. (1997). Contributions of sugar cane and invasive pasture grass to the aquatic food web of a tropical lowland stream. *Marine and Freshwater Research* **48**, 173-179. (37 citations)
32. Hancock, M.A. and Bunn, S.E. (1997). Population dynamics and life history of *Paratya australiensis* Kemp, 1917 (Decapoda: Atyidae) in upland rainforest streams, south-east Queensland. *Marine and Freshwater Research* **48**, 361-369. (26 citations)
31. Bunn, S.E. and Hughes, J.M. (1997). Dispersal and recruitment in streams: Evidence from genetic studies. *Journal of the North American Benthological Society* **16**, 338-346. (112 citations)
30. Mosisch, T. and Bunn, S.E. (1997). Temporal patterns in stream epilithic algae in response to discharge regime. *Aquatic Botany* **58**, 181-193. (22 citations)
29. Hughes, J.M., Bunn, S.E., Hurwood, D.A., Choy, S. and Pearson, R. (1996). Genetic differentiation among populations of *Caridina zebra* (Decapoda: Atyidae) in tropical rainforest streams, northern Australia. *Freshwater Biology* **36**, 289-296. (48 citations)
28. Preston, N.P., Smith, D.M., Kellaway, D. and Bunn, S.E. (1996). The use of enriched ¹⁵N as an indicator of the assimilation of individual ingredients of compound diets for juvenile *Penaeus monodon*. *Aquaculture* **147**, 249-259. (14 citations)
27. Bunn, S.E., Loneragan, N.R. and Kempster, M.A. (1995). Effects of acid washing on stable isotope ratios of C and N in seagrass and penaeid shrimp: implications for food web studies using multiple stable isotopes. *Limnology and Oceanography* **40**, 622-625. (120 citations)
26. Bunn, S.E. (1995). Biological monitoring of water quality in Australia: workshop summary and future directions. *Australian Journal of Ecology* **20**, 220-227. (22 citations)
25. Schmidt, S., Hughes, J.M. and Bunn, S.E. (1995). Gene flow among conspecific populations of *Baetis* (Ephemeroptera): adult flight and larval drift. *Journal of the North American Benthological Society* **14**, 147-157. (74 citations)
24. Hughes, J.M., Bunn, S.E., Kingston, D.M. and Hurwood, D.A. (1995). Genetic differentiation of populations of *Paratya australiensis* (Decapoda: Atyidae) in rainforest streams in south-east Queensland. *Journal of the North American Benthological Society* **14**, 158-173. (62 citations)
23. Kerby, B.M., Bunn, S.E. and Hughes, J.M. (1995). Factors influencing invertebrate drift in rainforest streams in south-east Queensland. *Marine and Freshwater Research* **46**, 1101-1108. (15 citations)
22. Boon, P.I. and Bunn, S.E. (1994). Variations in the stable-isotope composition of aquatic plants and their implication for food-web analysis. *Aquatic Botany* **48**, 99-108. (82 citations)
21. Boon, P.I., Bunn, S.E., Green, J.D. and Shiel, R.J. (1994). Consumption of cyanobacteria by freshwater zooplankton: implications for the success of 'top-down' control of cyanobacterial blooms in Australia. *Australian Journal of Marine and Freshwater Research* **45**, 875-888. (44 citations)

20. Bunn, S.E. and Boon, P.I. (1993). What sources of organic carbon drive food webs in billabongs? A study based on stable isotope analysis. *Oecologia* **96**, 85-94. (102 citations)
19. Bunn, S.E. (1993). Riparian-stream linkages: research needs for the protection of in-stream values. *Australian Biologist* **6**, 46-51. (15 citations)
18. Bunn, S.E. and Davies, P.M. (1992). Community structure of the macro-invertebrate fauna and water quality of a saline river system in south-western Australia. *Hydrobiologia* **248**, 143-160. (23 citations)
17. Storey, A.W., Bunn, S.E., Davies, P.M. and Edward, D.H. (1990). Classification of the macroinvertebrate fauna of two river systems in south-western Australia in relation to physical and chemical parameters. *Regulated Rivers* **5**, 217-232. (20 citations)
16. Bunn, S.E. and Davies, P.M. (1990). Why is the stream fauna of south-western Australia so impoverished? *Hydrobiologia* **194**, 169-176. (33 citations)
15. Bunn, S.E., Barton, D.R., Hynes, H.B.N., Power, G. and Pope, M.A. (1989). Stable isotope analysis of carbon flow in a tundra river system. *Canadian Journal of Fisheries and Aquatic Sciences* **46**, 1769-1775. (35 citations)
14. Dean, J.C. and Bunn, S.E. (1989). Larval descriptions of the Hydrobiosidae, Philopotamidae, Hydropsychidae and some Ecnomidae (Trichoptera) from south-western Australia, with notes on biology. *Australian Journal of Marine and Freshwater Research* **40**, 631-643. (4 citations)
13. Bunn, S.E., Davies, P.M. and Edward, D.H. (1989). The association of *Glacidorbis occidentalis* Bunn and Stoddart 1983 (Gastropoda: Glacidorbidae) with intermittently-flowing, forest streams in south-western Australia. *Journal of the Malacological Society of Australia* **10**, 25-34. (2 citations)
12. Bunn, S.E. (1988). Life histories of some benthic invertebrates from streams of the northern jarrah forest. *Australian Journal of Marine and Freshwater Research* **39**, 785-804. (18 citations)
11. Bunn, S.E. (1988). Processing of leaf litter in two northern jarrah forest streams, Western Australia: II. The role of macro-invertebrates and the influence of soluble polyphenols and inorganic sediment. *Hydrobiologia* **162**, 211-223. (38 citations)
10. Bunn, S.E. (1988). Processing of leaf litter in a northern jarrah forest stream, Western Australia: I. Seasonal differences. *Hydrobiologia* **162**, 201-210. (47 citations)
9. Bunn, S.E. (1986). Spatial and temporal variation in the macro-invertebrate fauna of streams of the northern jarrah forest, Western Australia: Functional organisation. *Freshwater Biology* **16**, 621-632. (33 citations)
8. Bunn, S.E., Edward, D.H. and Loneragan, N.R. (1986). Spatial and temporal variation in the macroinvertebrate fauna of streams of the northern jarrah forest, Western Australia: Community structure. *Freshwater Biology* **16**, 67-92. (72 citations)
7. Perry, D.H., Watson, J.A.L., Bunn, S.E. and Black, R. (1985). Guide to the termites (Isoptera) of the extreme south-west of Western Australia. *Journal of the Royal Society of Western Australia* **67**, 66-78. (13 citations - Google)
6. Bunn, S.E. and Edward, D.H. (1984). Seasonal meromixis in three hypersaline lakes on Rottnest Island, Western Australia. *Australian Journal of Marine and Freshwater Research* **35**, 261-265. (9 citations)
5. Bradshaw, S.D., Tom, J.A. and Bunn, S.E. (1984). Corticosteroids and control of nasal salt gland function in the lizard *Tiliqua rugosa*. *General and Comparative Endocrinology* **54**, 308-313. (9 citations)
4. Hynes, H.B.N. and Bunn, S.E. (1984). The stoneflies (Plecoptera) of Western Australia. *Australian Journal of Zoology* **32**, 97-108. (5 citations)
3. Bunn, S.E. and Stoddart, J.A. (1983). A new species of the prosobranch gastropod *Glacidorbis* and its implications for the biogeography of south-western Australia. *Records of the Western Australian Museum* **11**, 49-57. (2 citations)
2. Bunn, S.E. (1983). Termite (Isoptera) fauna of jarrah forest in the Wagerup - Willowdale region, Western Australia; relevance to the rehabilitation of bauxite mine sites. *Forest Ecology and Management* **6**, 169-177. (2 citations)

1. Bunn, S.E. and Green A.J.A. (1982). Oniscoidea (Crustacea: Isopoda) from Rottneest Island, Western Australia. *Journal of the Royal Society of Western Australia* **65**, 147-151. (1 citation)

Manuscripts in preparation or review:

- *** Warfe, D.M., Pettit, N.E., Davies, P.M., Pusey, B.P, Hamilton, S.K., Bayliss, P., Ward, D.P., Kennard, M.J., Douglas, M.M., Burford M.A., Finn, M., Bunn, S.E. and Halliday, I. (accepted with revision). The “wet-dry” in the wet-dry tropics drives ecosystem structure and function of northern Australian rivers. *Freshwater Biology*
- *** Jardine T.D., Pusey, B.P, Hamilton, S.K., Pettit, N.E., Davies, P.M., Sinnamon, V., Halliday, I.A. and Bunn, S.E. (submitted). Food web connectivity in the lower reaches of a wet-dry tropical floodplain river. *Ecology*
- *** Xia, J., Zhang, Y., Bunn, S.E., Rolls, R., Tsoi, I., and Zhao, C. (accepted with revision). Research on River Ecosystem Health and the Influencing Factors in Huai River Basin, China. *Ecological Indicators*
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