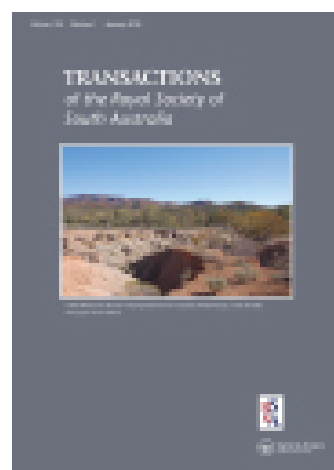


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Kim Critchley

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BRIEF COMMUNICATION

ROYAL SOCIETY OF SOUTH AUSTRALIA INCORPORATED

**INDEX
TO THE TRANSACTIONS**

Volumes 124–133

2000–2009

Compiled by

KIM CRITCHLEY

(IN THE SUBJECT INDEX, NUMBERS REFER TO PAPERS LISTED IN THE AUTHOR INDEX)
(IN THE AUTHOR INDEX, * = BRIEF COMMUNICATION)

- ABERTON, J.G. 15
- ADAMS, M. 74
- ALLEY, N.F. 29
- ANDREWS, R.H. 110, 111, 112
1. ANSTIS, M. & TYLER, M.J. 2005. Breeding biology of *Litoria microbelos* (Cogger) (Anura: Hylidae). 129(1), 43-48.
2. APPAN, A., BERGFELD, J. & BEVERIDGE, I. 2004. New species of parasitic nematodes from macropodid marsupials in Western Australia. 128(2), 77-84.
- ARMSTRONG, D.M. 132, 133
- ARMSTRONG, G. 132
- ARNOTT, T.K. 87
3. ARNOTT, T.K., LAURENCE, S.E. & WACE, N.M. 2003. The Encounter 2002 Expedition to the Isles of St Francis, South Australia: Settlement History. 127(2), 75-86.
- AUSTIN, A.D. 4, 78, 141
4. BAILEY, P.T., MARTIN, J.H., NOYES, J.S. & AUSTIN, A.D. 2001. Taxonomy and biology of a new species of *Zaphanera* (Hemiptera: Aleyrodidae) and its association with the widespread death of western myall trees, *Acacia papyrocarpa*, near Roxby Downs, South Australia. 125(2), 83-96.
5. BAKER, J.L., EDGAR, G.J., & BARRETT, N.S. 2005. Subtidal macroflora of Althorpe and Haystack Islands, South Australia. 129(2), 128-144.
6. BAKER, J.L. & EDYVANE, K.S. 2003. Subtidal macrofloral survey of St Francis and Fenelon Islands, South Australia. 127(2), 177-187.
7. BAKER, J.L., SHEPHERD, S.A., TURNER, D. & EDYVANE, K. 2008. Investigator Group expedition 2006: benthic macroalgal studies at islands in the eastern Great Australian Bight over three decades. 132(2), 251-267.
- BAKER, J.L. 143
8. BALDOCK, R.N. & WOMERSLEY, H.B.S. 2005. Marine benthic algae of the Althorpe Islands, South Australia. 129(2), 116-127.
- BARKER, R.M. 135
9. BARKER, S. 2001. Descriptions of twenty one new species of *Cisseis* (*sensu stricto*) Gory & Laporte 1839 (Coleoptera: Buprestidae: Agrilinae). 125(2), 97-113.
10. BARKER, S. 2004. Twelve new species of Australian Buprestidae (Coleoptera) and new synonymy. 128(2), 195-204.
11. BARKER, S. 2006. Five new species of Australian Buprestidae (Coleoptera). 130(2), 285-296.
12. BARKER, S. 2006. Twenty five new species of *Cisseis* (*sensu stricto*) and two new synonyms (Coleoptera: Buprestidae: Agrilinae). 130(2), 257-284.
13. BARKER, S. & BELLAMY, C.L. 2001. *Stanwatkinsius*, a new genus of Australian jewel beetles (Coleoptera: Buprestidae: Agrilinae) with a key to known species. 125(1), 1-14.
- BARRETT N.S. 5, 147
14. BARTON, M.A. 2008. Nasal and gastro-intestinal parasites of the Camel (*Camelus dromedarius*) from central Australia. 132(1), 40-42.
15. BARTON, P.S., ABERTON, J.G. & WISHART, E. 2004. Spatial and temporal distribution of *Culex australicus* Dobrotworsky and Drummond and *Culex globocoxitus* Dobrotworsky (Diptera: Culicidae) at the Gippsland Lakes in eastern Victoria. 128(2), 219-223.
16. BARTON, P.S. & WEAVER, H.J. 2009. Mosquito (Diptera: Culicidae) and rainfall associations with Arbovirus disease in Eastern Victoria. 133(2), 257-264.
- BELLAMY, C.L. 13
17. BENKENDORFF, K. 2005. Intertidal Molluscan and Echinoderm diversity at Althorpe Island and Innes National Park, South Australia. 129(2), 145-157.
18. BERGE, J. & VADER, W. 2004. Description of two new and unusual stegocephalid species (Crustacea: Peracarida: Amphipoda: Stegocephalidae) from Heard Island and the East China Sea. 128(1), 1-11.
- BERGFELD, J. 2
- BERTOZZI, T. 130
19. BEVERIDGE, I. 2000. Obituary Patricia Marietje Thomas. 124(1), 56-60.
20. BEVERIDGE, I. 2001. *Cervonemella reardoni* gen. et sp. nov. (Nematoda: Cloacinidae) from the stomachs of scrub wallabies, *Dorcopsis* spp., in Papua New Guinea. 125(2), 141-145.
21. BEVERIDGE, I. 2006. Redescription of *Parastylochus astis* Bock, 1913 (Platyhelminthes: Polycladida) with new records from Western Australia and New Caledonia. 130(1), 109-112.
22. BEVERIDGE, I. 2009. A re-description of *Progamotaenia ewersi* (Schmidt, 1975) (Cestoda: Anoplocephalidae) from Wallabies and Kangaroos (Macropodidae) with the description of a new species, *Progamotaenia ualabati* n. sp. 133(1), 1-17.
23. BEVERIDGE, I., CAMPBELL, R.A. & JONES, M.K. 2000. New records of the cestode genus *Pseudotobothrium* (Trypanorhyncha: Otobothriidae) from Australian fishes. 124(2), 151-162.
24. BEVERIDGE, I. & JOHNSON, P.M. 2004. Cestode parasites of tree kangaroos (*Dendrolagus* spp.: Marsupialia), with the description of two new species of *Progamotaenia* (Cestoda: Anoplocephalidae). 128(2) 175-185.
25. BEVERIDGE, I. & JUSTINE J.-L. 2007 *Pseudolacistorhynchus nanus* n. sp. (Cestoda: Trypanorhyncha) parasitic in the spiral valve of the Zebra shark, *Stegostoma fasciatum* (Hermann, 1783). 131(2), 175-181.

- BEVERIDGE, I. 2, 30, 35, 93
 BIDWELL, J.R. 138
 BIRD, D.M. 2000. Obituary Alan Francis Bird 124(1), 50-55.
 BOCK, P.E. 46
 BOLAND, M. 138
 BOOMSMA, D.B. 183
 27. BOONTHEUNG, P., CHENG-WEI GAO, BRINKWORTH, C.S., BOWIE, J.H. & TYLER, M.J. 2006. Is the Australian Striped burrowing frog *Litoria alboguttata* a member of *Litoria* or *Cyclorana*? A profiling study using skin peptides as a probe. 130(1), 1-9.
 28. BOURMAN, R. P. 2006. A composite regolith profile at Ceduna, South Australia. 130(2), 197-205.
 29. BOURMAN, R.P., ALLEY, N.F. & JAMES, K.F. 2002. European-induced environmental change in the Adelaide area, South Australia: Evidence from Dry Creek at Mawson Lakes. 126(1), 29-38.
 BOURMAN, R.P. 108
 BOURNE, S.J. 126, 127
 BOWIE, J.H. 27
 30. BRADLEY, C., BEVERIDGE, I., CHILTON, N.B. & JOHNSON, P.M. 2000. Helminth parasites of the purple-necked rock wallaby, *Petrogale lateralis purpureicollis*, from Queensland. 124(1), 37-40.
 31. BREEN, G. 2009. The Biri dialects and their neighbours. 133(2), 219-256.
 BRINKWORTH, C.S. 27
 BROOK, J.B. 144, 145
 32. BROWN, S.P. & WELLS, R.T. 2000. A Middle Pleistocene vertebrate fossil assemblage from Cathedral Cave, Naracoorte, South Australia. 124(2), 91-104.
 BROWNE, J.H. 119*
 33. BRYARS, S. & ROWLING, K. 2009. Benthic habitats of eastern Gulf St Vincent: major changes in benthic cover and composition following European settlement of Adelaide. 133(2), 318-338.
 34. BRYARS, S. & WEAR, R. 2008. Investigator Group expedition 2006: Seagrasses of the investigator group region: *Posidonia* meadow condition in a pristine offshore marine environment. 132(2), 81-94.
 BULL, C.M. 99
 BURSEY, C.R. 65
 BURTON, T.C. 51, 128
 BYARD, R.W. 64
 BYE, J.A.T. 82
 35. CAMPBELL, R.A. & BEVERIDGE, I. 2009. *Oncomegas aetobatidis* sp. nov. (Cestoda: Trypanorhyncha), a re-description of *O. australiensis* Toth, Campbell & Schmidt, 1992 and new records of Trypanorhynch cestodes from Australian elasmobranch fishes. 133(1), 18-29.
 CAMPBELL, R.A. 23
 CANTY, P.B. 132
 CANTY, P.D. 133, 134, 135
 CANTY, P.D.
 36. CHALMERS, N.C. 2008. Investigator Group expedition 2006: geology of the basement lithologies of the Investigator Group, South Australia. 132(2), 74-80.
 CHAMBERLAIN, C.C. 174
 CHAMBERS, C.B. 75
 CHENG-WEI GAO. 27
 CHESHIRE, A.C. 181
 CHILTON, N.B. 30
 CLARK, M. 146
 37. CLARK, P., HOLZ P. & SPRATT, D.M. 2005. *Hepatozoon tachyglossi* sp. nov. (Haemogregarinidae), a protozoan parasite from the blood of a short-beaked echidna, *Tachyglossus aculeatus*. 129(1), 49-52.
 38. CLARK, P. & SPENCER, P.B.S. 2007. Description of three new species of *Theileria* Bettencourt, Franca & Borges, 1907 from Macropodoidea in Western Australia. 131(1), 100-106.
 39. CLARKE, J. 2009. Palaeovalley, palaeodrainage, and palaeochannel - What's the difference and why does it matter? 133(1), 57-61.
 40. CLARKE, R. 2000. First record of the Southern Right Whale Dolphin, *Lissodelphis peronii* (Lacépède), 1804) (Odonoceti : Delphinidae), from waters off South Australia. 124(2), 177-178.*
 41. CLAY, R., KURBAN Z. & WILD, N. 2006. Observations of the performance of Pendula at the time of the 2002 December 4 solar eclipse in South Australia. 130(1), 79-84.
 42. CLAY, R., MAGHRABI, A. & WILD, N. 2007. Local infra-red clear sky temperatures. 131(1), 93-99.
 CLAY, R. 96
 COATES, M. 54*
 43. COLEMAN, P.S.J. & COOK, F.S. 2009. Habitat preferences of the Australian endangered samphire *Tecticornia flabelliformis*. 133(2), 300-306.
 COLES, R. 44*
 COLLINGS G.J. 162
 CONALLIN, A. 160
 CONNELL, S.D. 76
 44. CONRAN, J.G. & COLES, R. 2009. The germination behavior and possible identity of Western Cape bridal creeper (*Asparagus asparagoides* (L.) Druce: Asparagaceae). 133(2), 361-364.*
 45. CONRAN, J.G. & LOWRIE, A. 2007. The biogeography of *Drosera stricticaulis* (Droseraceae) in Australia: a disjunct 'island' refugee? 131(2), 142-151.
 CONRAN, J.G. 69, 180, 210

46. CONROY, T.J., COOK, P.L. & BOCK, P.E., 2001. New Species of *Otionellina* and *Selenaria* (Bryozoa-Cheilostomata) from the South West Shelf, Western Australia. 125(1), 15-23.
COOK, F.S. 43
COOK, P.L. 46
47. COOPER, B.J. 2009. Bragg, Mawson and Brown, and the early uranium discoveries in South Australia. 133(2), 199-218.
48. COOPER, B.J., & JAGO, J.B. 2007. Mawson's earliest (1906) report on the geology of the Flinders Ranges. 131(2), 167-174.
COOPER, S.A. 174
CRIBB, T.H. 61, 122
49. CRIBB, T.H., DAINTITH, M. & MUNDAY, B. 2000. A new blood-fluke, *Cardicola forsteri* (Digenea: Sanguinicolidae) of southern blue-fin tuna (*Thunnus maccoyii*) in aquaculture. 124(2), 117-120.
CROSSFIELD, E.L. 202
CUNNINGHAM, S.A. 85
CURRIE D. 161
DAHL, C.S. 129
DAINTITH, M. 49
DALZELL, B. 132
50. DAVIES, K.A., MAKINSON, J. & PURCELL, M.F. 2001. Observations on the development and parasitoids of *Fergusonina/Fergusobia* galls on *Melaleuca quinquenervia* (Myrtaceae) in Australia. 125(1), 45-50.
DAVIES K.A. 211, 212, 213
51. DAVIES, M. & BURTON, T.C. 2000. Redefinition of the Australian frog *Limnodynastes depressus* Tyler (Myobatrachidae: Limnodynastinae). 124(2), 141-150.
DAVIES, M. 110, 111, 112, 182
52. De SILVA, P. & RILEY, I.T. 2002. Aspects of the survival and reproduction of *Anguina microlaenae* (Nematoda: Anguinidae). 126(1), 45-49.
53. DEWI, K., JONES, H. & HAMIDY, A. 2008. The status of *Tanqua anomala* (von Linstow, 1904) (Nematoda: Gnathostomatoidea). 132(1), 7-13.
54. DUNBAR, S.G. & COATES, M. 2000. Range extension and new host records of the ectoparasite *Pseudostegias setoensis shiino* 1933 (Crustacea: Isopoda: Bopyridae). 124(1), 49.*
55. DUTKIEWICZ, A. & von der BORCH, C.C. 2002. Stratigraphy of the Lake Malata Playa Basin, South Australia. 126(2), 91-102.
56. DUTKIEWICZ, A., von der BORCH, C.C. & PRESCOTT, J.R. 2002. Geomorphology of the Lake Malata-Lake Greenly complex, South Australia, and its implications for late Quaternary palaeoclimate. 126(2), 103-115.
57. EASTON, L.C. & PRESCOTT, J.R. 2008. Germination in two Australian species of *Frankenia* L., *F. serpyllifolia* Lindl. and *F. foliosa* J.M.Black (Frankeniaceae) – effects of seed mass, seed age, light, and temperature. 132(1), 29-39.
EDGAR, G.J. 5, 147
EDYVANE, K.S. 6, 7
58. EINODER, L. D. & GOLDSWORTHY S.D. 2005. Foraging flights of Short-Tailed Shearwaters (*Puffinus tenuirostris*) from Althorpe Island: assessing their use of neritic waters. 129(2), 209-216.
59. EMENY, J., TURNER, G., TUROCY, N.J. & STAGNITTI, F. 2006. The influence of weather and solar elevation on perceived colour of Blue Lake, Mount Gambier, South Australia. 130(1), 101-108.
ERNST, I. 75
EVANS, N. 104
60. FAUCHEUX, M.J. 2004. Antennal sensilla of *Sabatinca sterops* Turner (Lepidoptera: Micropterigidae). 128(2), 187-194.
FERGUSON G. 146
61. FERGUSON, M.A., SMALES, L.R. & CRIBB, T.H. 2001. A new species, *Pretestis laticaecum*, (Trematoda: Cladorchiidae) from *Emydura krefftii* Gray, 1871 (Pleurodira: Chelidae) from Central Queensland, Australia. 125(2), 123-127.
62. FERRIS, G.M. 2003. The Encounter 2002 Expedition to the Isles of St Francis, South Australia: Geology and geochemistry of the granitoids and volcanics of St Francis Island. 127(2), 87-106.
FLOYD, R. B. 141
FOTHERINGHAM D. 134
FOWLER-WALKER, M.J. 76
FRICKER, S. 74
FRICKER, S.R. 202, 204
FROMONT J. 161
GATEHOUSE, C.G. 77
GEDDES, M.C. 179
GERHARDT, K. 157
63. GERSHWIN, L. & ZEIDLER, W. 2003. Encounter 2002 expedition to the Isles of St. Francis, South Australia: Medusae, siphonophores and ctenophores of the Nuyts Archipelago. 127(2), 205-241.
64. GIBBS, S.E., KEMPER, C.M., BYARD, R.W. & LONG, M. (2004) Deaths of killer whales (*Orcinus orca*) in South Australia and implication of human interaction. 128(2), 231-237.
GILLANDERS, B.M. 75
GODFREY, R.T. 75
GODTHELP, H. 94*
65. GOLDBERG, S.R. & BURSEY, C.R. 2000. Intestinal helminths of five species of scincid lizards (Sauria:

- Scincidae) from Western Australia. 2000. 124(2), 127-133.
- GOLDSWORTHY S.D. 58
- GOONAN, P.M. 185
- HALL, L-M. 132
- HAMIDY, A. 53
66. HAMMER, M. P. 2006. Range extensions for four estuarine Gobies (Pisces: Gobiidae) in southern Australia: historically overlooked native taxa or recent arrivals? 130(2), 187-196.
67. HAMMER, M.P. & WALKER, K.F. 2004. A catalogue of South Australian freshwater fishes, including new records, range extensions and translocations. 128(2), 85-97.
68. HARRIS, J. M. 2006. Fossil occurrences of *Cercartetus nanus* (Marsupialia: Burramyidae) in South Australia. 130(2), 239-244.
- HEINRICH, B. 157
- HIASO, J. 129
69. HINCHCLIFFE, J. & CONRAN, J.G. 2004. The Tennyson sand dunes: vegetation structure and conservation status. 128(2), 239-248.
70. HIRST, A. J. 2003. Encounter 2002 expedition to the Isles of St Francis, South Australia: Peracarid crustacean epifauna of subtidal macroalgal canopies. 127(2), 189-203.
- HOBBS, R.P. 170
71. HODDA, M. 2004. Characteristics of an Australian population of *Paraxonchium orthodon* (Loof 1964) Altherr & Loof 1969, with a note on evolution and biogeography of the subfamily Paraxonchiinae (Nematoda, Dorylaimida, Aporcelaimidae). 128(2), 169-174.
72. HODDA, M. 2009. *Ptychaphelenchus eucalypticola* gen. nov., sp. nov. (Nematoda: Panagrolaimida: Aphelenchoidoididae) from wood and bark of *Eucalyptus macrorhyncha* in Australia, with a discussion of generic relationships and a key to genera of Aphelenchoididae and Parasitaphelenchidae. 133(2), 183-194.
- HODDA, M. 109
- HOLZ P. 37
- HOPTON, D. 133
73. HERR, G., PRING A. & ZBIK, M. 2005. The Kimba meteorite: An (H4) chondrite from South Australia. 129(1), 39-42.
- HUMPHREY, M.J. 204
- HUMPHREYS, W.F. 193, 194, 195
74. HUTCHINSON, M., ADAMS, M. & S. FRICKER. 2006. Genetic variation and taxonomy of the *Ctenotus brooksi* species-complex (Squamata: Scincidae). 130(1), 48-65.
- HUTCHINSON, M.N. 95
75. HUTSON, K.S., SMITH, B.P., GODFREY, R.T., WHITTINGTON, I.D., CHAMBERS, C.B., ERNST, I. & GILLANDERS, B.M. 2007. A tagging study on Yellowtail Kingfish (*Seriola lalandi*) and Samson fish (*S. hippos*) in South Australian waters. 131(1), 128-134.
- HUTTON, J.T. 123
76. IRVING, A.D., FOWLER-WALKER, M.J. & CONNELL, S.D. 2003. Associations of forest-type with morphology of *Ecklonia radiata* and abundance of understory algae. 127(2), 167-175.
77. JAGO, J.B. & GATEHOUSE, C.G. 2009. The type section of the Cambrian Backstairs Passage Formation, Kanmantoo Group, South Australia. 133(1), 150-163.
- JAGO, J.B. 48
- JAMES, K.F. 29
78. JENNINGS, J.T., AUSTIN, A.D. & STEVENS, N.B. 2004. Species of the Wasp genus *Aulacus* Jurine (Hymenoptera: Aulacidae) endemic to South Australia. 128(1), 13-21.
- JOHNSON, P.M. 24, 30
79. JONES, H.I. 2004. Gastric nematodes, including a new species of *Abbreviata* (Nematoda: Physalopteridae) from the mangrove monitor *Varanus indicus* (Reptilia: Varanidae). 128(1), 53-59.
80. JONES, H.I. 2007. Helminth parasites of the Lace monitor *Varanus varius* (Reptilia: Varanidae) in eastern Australia. 131(2), 160-166.
- JONES, H.I. 53
- JONES, M.K. 23
- JUSTINE J.-L. 25
81. K.WALSHE. 2008. Investigator Group expedition 2006: two stone implements from Flinders Island, South Australia. 132(2), 51-56.
82. KAYAALP, A.S. & BYE, J.A.T. 2003. The water and salt balance of the reservoir catchments of the Mount Lofty Ranges, South Australia. 127(1), 15-26.
83. KELLERMANN, J., RYE, B.L. & THIELE, K.R. 2008. Nomenclatural notes, typifications and name changes in *Trymalium* (Rhamnaceae: Pomaderreae). 132(1), 18-28.
84. KEMPER, C. M. 2005. Records of humpback whales *Megaptera novaeangliae* in South Australia. 129(1), 53-58.
- KEMPER, C.M. 64
- KILPATRICK, A.D. 125
- KOKKINS, M.J. 159, 201*, 202, 203, 204
85. KOLESIK, P. & CUNNINGHAM, S.A. (2000). A new gall midge species (Diptera: Cecidomyiidae) infesting fruit of puny bush, *Senna artemisioides* (Caesalpinaceae) in Australia. 124(2), 121-126.
86. KOLESIK, P., McFADYEN, R.E.C. & WAPSHERE, A.J. 2000. New gall midges (Diptera: Cecidomyiidae) infesting native and introduced

- Solanum* spp. (Solanaceae) in Australia. 124(1), 31-36.
- KURBAN Z. 41
- LAPEROUSAZ, T.C.D. 162
87. LAURENCE, S.E., ARNOTT, T.K., LLOYD, B.N. & MORGAN, D. 2008. Investigator Group expedition 2006: History of the Investigator Group of islands, South Australia. 132(2), 95-124.
- LAURENCE, S.E. 3
88. LAVIGNE, R.J. 2006. A new species of *Chrysopogon* from South Australia (Diptera: Asilidae: Dasypogoninae). 130(1), 66-70.
89. LAVIGNE, R.J. 2006. Synopsis of the genus *Neosaropogon* with a description of a new species of *Neosaropogon* (*Lycotherates*) Hull from South Australia and a description of the male of *Neosaropogon* (*Lycotherates*) *harlequinus* hull (Diptera: Asilidae: Dasypogoninae). 130(2), 245-256.
- LAWLEY J.J. 90
90. LAWLEY, E.F., LAWLEY J.J. & PAGE, B. 2005. Effects of African Boxthorn removal on native vegetation and burrowing of Short-tailed Shearwaters on Althorpe Island, South Australia. 129(2), 111-115.
91. LAWLEY, E.F. & SHEPHARD, S.A. 2005. Land use and vegetation of Althorpe Island, South Australia, and a floristic comparison with South Neptune Islands. 129(2), 100-110.
- LEHMANN, D. 114
92. LEPPARD, P.I., TALLIS, G.M. & PEARCE, C.E.M. 2004. Expected lifetime in South Australia 1841-1996. 128(1), 37-42.
- LEWIS, A. 210
- LEYS, R. 196
- LI, Dong Mei. 213
- LILLEY, I. 104
- LLOYD, B.N. 87
- LONG, M. 64
- LOWRIE, A. 45
93. LUPING ZHANG & BEVERIDGE, I. 2007. Description of *Synhimantus* (*Dispharynx*) *mawsonae* n. sp. and a redescription of *Procyrnea dollfusi* (Mawson, 1968) (Nematoda: Spirurida) from the southern Boobook owl, *Ninox boobook* (Latham, 1802) (Aves: Strigidae). 131(2), 152-159.
94. MACKNESS, B. & GODTHELP, H. 2001. The use of *Diprotodon* as a biostratigraphic marker of the pleistocene. 125(2), 155-156.*
95. MACKNESS, B.S. & HUTCHINSON, M.N. 2000. Fossil lizards from the Early Pliocene Bluff Downs Local Fauna. 124(1), 17-30.
- MAGHRABI, A. 42
96. MAGHRABI, A., CLAY, R., & RIORDAN, D. 2009. Detecting cloud with a simple infra-red sensor. 133(1). 164-171.
- MAKINSON, J. 50
97. MARTIN, H.A. & SPECHT, R.L. 2005. Sclerophyll (heathy) understoreys in the Mount Lofty Ranges, South Australia. 129(1), 14-24.
- MARTIN, J.H. 4
98. MATTHEWS, E.G. 2004. New synonymy and new names in Australian Tenebrionidae (Coleoptera) 128(2), 261-262.*
99. MAYNER, L., SANDERSON, K. & BULL, C.M. 2009. Brain organization and retinal pathways in the Sleepy Lizard, *Tiliqua rugosa*. 133(2), 195-198.
100. MAYO, O. 2009. Charles Darwin as experimenter: one of many reasons to remember him at 2009. 133(2), 288-299.
101. McARTHUR, A.J. 2001. Obituary-Joan Burton Paton. 125(2), 158-161.
102. McARTHUR, A.J. 2003. New species of *Camponotus* (Hymenoptera: Formicidae) from Australia. 127(1), 5-14.
103. McARTHUR, A.J. & SHATTUCK, S.O. 2001. A taxonomic revision of the *Camponotus macrocephalus* species group (Hymenoptera: Formicidae) in Australia. 125(1), 25-43.
- McARTHUR, A.J. 142
- McDOWELL, M. 132
- McFADYEN, R.E.C. 86
- MEDLIN, G.C. 133
104. MEMMOTT, P., EVANS, N., ROBINS, R. & LILLEY, I. 2006. Understanding isolation and change in island human populations through a Study of Indigenous Cultural patterns in the Gulf of Carpentaria. 130(1), 29-47.
105. MILLER, D.J. & WRIGHT A. 2008. Investigator Group expedition 2006: application of remote survey techniques to characterise the benthic habitats. 132(2), 243-250.
- MORGAN, D. 87
- MUIRHEAD, D. 148
106. MULDER, E. & SMALES, L.R. 2006. *Diectowittus hughjonesi* sp. n. (Nematoda: Cystoosidae) from *Liasis fuscus* (Peters, 1873) (Serpentes: Boidae) from the northern territory and *Morelia amethistina* (Schneider, 1802) from Queensland, Australia. 130(2), 233-238.
- MUNDAY, B. 49
107. MURRAY-JONES, S. & SHEPHERD, S.A. 2005. An expedition to the Althorpe Islands, South Australia: Introductory narrative and conservation recommendations, 129(2), 85-89.
- MURRAY-JONES, S. 136, 137
108. MURRAY-WALLACE, C.V. & BOURMAN, R.P. 2002. Amino acid racemisation dating of a raised

- gravel beach deposit, Sellicks Beach, South Australia. 126(1), 21-28.
109. NICHOLAS, W.L. & HODDA, M. 2000. *Dorylaimus baylyi* sp nov. (Dorylaimidae, Dorylaimida) a nematode collected from sediment in a freshwater rock-hole in the Northern Territory. 124(2), 163-168.
NICHOLAS, W.L. 171
NICOLLE, D. 183
NOBBS J.M. 212
NOYES, J.S. 4
 110. O'CALLAGHAN, M.G., ANDREWS, R.H., DAVIES, M. & SPRATT, D.M. 2001. Species of *Raillietina fuhrmanni*, 1920 (Cestoda: Davaineidae) from the southern cassowary (*Casuarius casuarius*). 125(2), 133-139.
 111. O'CALLAGHAN, M.G., DAVIES, M. & ANDREWS, R.H. 2000. Species of *Raillietina* Fuhrmann, 1920 (Cestoda: Davaineidae) from the emu, *Dromaius novaehollandiae*. 124(2), 105-116.
 112. O'CALLAGHAN, M.G., DAVIES, M. & ANDREWS, R.H. 2006. The spatial distribution of five species of *Raillietina* infecting the emu, *Dromaius novaehollandiae*. 130(1), 71-78.
 113. O'CALLAGHAN, M.G. & O'DONOGHUE, P.J. 2001. A new species of *Eimeria* (Apicomplexa: Eimeriidae) from the brushtail possum, *Trichosurus vulpecula* (Diprotodontia: Phalangeridae). 125(2), 129-132.
 114. O'CALLAGHAN, M.G., REDDIN J. & LEHMANN, D. 2005. Helminth and protozoan parasites of feral cats from Kangaroo Island. 129(1) 81-83.
O'DONOGHUE, P.J. 113
 115. O'CONNOR, J.P. & ZAMPATTI, B.P. 2006. Spawning season and site location of *Gadopsis bispinosus* Sanger (Pisces: Gadopsidae) in a montane stream of southeastern Australia. 130(2), 227-232.
 116. OLSEN, A.M. & SHEPHERD, S.A. 2006. Historic drift bottle experiments show reversing surface water masses in western Bass Strait waters: implications for lobster larval dispersal. 130(1), 113-122.
PAGE, B. 90
 117. PARSONS, R. F. 2004. Enrichment-planting of the woody climbers *Marsdenia australis* and *Rhyncharrhena linearis* in north-western Victoria. 128(1), 61-66.
 118. PARSONS, R.F. 2008. Threatened plants of the Murray-Darling basin, South Australia: some further data. 132(1), 14-17.
 119. PARSONS, R.F. & BROWNE, J.H. 2000. Causes of rarity in *Abutilon oxycarpum* and *Hibiscus brachysiphonius* (Malvaceae) on the River Murray Floodplain, south-eastern Australia. 124(1), 41-44.*
PEARCE, C.E.M. 92
 120. PHILLOTT, A.D. 2001. *Pisonia grandis* does not appear to harbour fungi known to invade sea turtle nests at Heron Island, Eastern Australia. 125(1), 69-70.*
 121. PHILLOTT, A.D. 2004. Black Noddies (*Anous minutus*) and Wedge-tailed Shearwaters (*Puffinus pacificus*) as Potential Hosts for Fungi Invading Sea Turtle Nests at Heron Island, Queensland. 128(1), 73-76, 31 May, 2004.
 122. PICHELIN, S. & CRIBB, T.H. 2001. *Neoechinorhynchus ningalooensis* sp. nov. (Acanthocephala: Neoechinorhynchidae) from *Scarus ghobban* and *S. psittacus* (Scaridae) from Western Australia. 125(1), 51-55.
 123. PLEDGE, N.S., PRESCOTT, J.R. & HUTTON, J.T. 2002. A late Pleistocene occurrence of *Diprotodon* at Hallett Cove, South Australia. 126(1), 39-44.
PLEDGE, N.S. 207
POTTS, B.M. 199
PRESCOTT, J.R.
PRESCOTT, J.R. 56, 57, 123
PRING, A. 209
PURCELL, M.F. 50
 124. RADFORD, A. 2005. Human settlement on Althorpe Island and condition of the Lighthouse complex. 129(2), 94-99.
 125. READ, J.L. & KILPATRICK, A.D. 2009. Improved conservation status of *Atriplex kochiana* Maiden. 133(1), 172-177.
REDDIN J. 114
 126. REED, E.H. & BOURNE, S.J. 2000. Pleistocene fossil vertebrate sites of the South East region of South Australia. 124(2), 61-90.
 127. REED, E.H. & BOURNE, S.J. 2009. Pleistocene fossil vertebrate sites of the South East region of South Australia, II. 133(1), 30-40.
 128. RICHARDS, S.J. & BURTON, T.C. 2003. A new species of *Choerophryne* (Anura: Microhylidae) from Southern Highlands Province, Papua New Guinea. 127(1), 47-51.
 129. RICHARDS, S.J., DAHL, C.S. & HIASO, J. 2007. Another new species of *Choerophryne* (Anura: Microhylidae) from Southern Highlands Province, Papua New Guinea. 131(1), 135-141.
 130. RILEY, I.T. & BERTOZZI, T. 2004. Variation in sex ratios in four *Anguina* (Nematoda: Anguinidae) species. 128(1), 43-46.
 131. RILEY, I.T. & WOUTS, W.M. 2001. *Pratylenchus* and *Radopholus* species in agricultural soils and native vegetation in southern Australia. 125(2), 147-153.
RILEY, I.T. 52, 211, 212, 213
RIORDAN, D. 96
ROBINS, R. 1004
 132. ROBINSON, A.C., ARMSTRONG, D.M., ARMSTRONG, G., DALZELL, B., CANTY, P.B.,

- McDOWELL, M. & HALL, L-M. 2003. The Encounter 2002 Expedition to the Isles of St Francis Conservation Park, South Australia: Vertebrate Fauna. 127(2), 129-139.
133. ROBINSON, A.C., ARMSTRONG, D.M., CANTY, P.D., HOPTON, D., MEDLIN, G.C. & SHAUGHNESSY, P.D. 2008. Investigator Group expedition 2006: Vertebrate fauna. 132(2), 221-242.
134. ROBINSON A.C., CANTY, P.D. & FOTHERINGHAM D. 2008. Investigator Group expedition 2006: flora and vegetation. 132(2), 173-220.
135. ROBINSON, A.C., CANTY, P.D., WACE, N.M. & BARKER, R.M. 2003. The Encounter 2002 Expedition to the Isles of St. Francis Conservation Park, South Australia: Plants and Vegetation. 127(2), 107-128.
136. ROBINSON, A.C., MURRAY-JONES, S. & SHEPHERD, S.A. 2008. Investigator Group expedition 2006: formation of the islands and introductory narrative. 132(2), 45-50.
137. ROBINSON, A.C. MURRAY-JONES, S., SHEPHERD, S.A. & WACE, N.M. 2003. The Encounter 2002 Expedition to the Isles of St Francis, South Australia: Formation of the islands, introductory narrative & marine conservation recommendations. 127(2), 69-73.
138. ROSS, K.E., BIDWELL, J.R., WILLIAMS, M. & BOLAND, J. 2003. Trace metals associated with seston collected from Spencer Gulf, South Australia, near a lead smelter: spatial distribution, temporal variability and uptake by bivalves. 127(1), 33-45.
139. ROUSE, G.W. 2003. Encounter 2002 expedition to the Isles of St. Francis, South Australia: *Myzostoma australe* (Myzostomida), a new crinoid-associated worm from South Australia. 127(2), 265-268.
- ROWLING, K. 33
- RYE, B.L. 83
140. SANDERSON, K. 2009. Temperature preference of acclimated Tuatara, *Sphenodon punctatus*. 133(1), 178-180.*
- SANDERSON, K. 99
- SCHNEEMILCH, M.J. 204
141. SCHUMACHER, R.K., AUSTIN, A.D. & FLOYD, R. B. 2000. Parasitoids of the autumn gum moth, *Mnesampela privata* (Guenée) (Lepidoptera: Geometridae) in southeastern Australia, with description of two new larval parasitoids. 124(1), 1-15.
142. SHATTUCK, S.O. & McARTHUR, A.J. 2002. A taxonomic revision of the *Camponotus wiederkehri* and *perjurus* species-groups (Hymenoptera: Formicidae). 126(2), 63-90.
- SHATTUCK, S.O. 103
- SHAUGHNESSY, P.D. 133
- SHEPHERD, S.A. 91, 116
143. SHEPHERD, S.A. & BAKER, J.L. 2008. Investigator Group expedition 2006: flexible foraging ecology of a temperate herbivore, the Herring Cale, *Olisthops cyanomelas*, in South Australia. 132(2), 147-162.
144. SHEPHERD, S.A. & BROOK, J.B. 2003. Encounter 2002 expedition to the Isles of St Francis, South Australia: Reef Fishes: 127(2), 269-279.
145. SHEPHERD, S.A. & BROOK J.B. 2005. Foraging ecology of the Western Blue Groper, *Achoerodus gouldii* at the Althorpe Islands, South Australia. 129(2), 202-208.
146. SHEPHERD, S.A., CLARK, M. & FERGUSON G. 2008. Investigator Group expedition 2006: habitat-dependent foraging behaviour and diet of the Scalyfin, *Parma victoriae*, in South Australia. 132(2), 134-146.
147. SHEPHERD, S.A. EDGAR G.J. & BARRETT N.S. 2005. Reef fishes of the Althorpe Islands and adjacent coasts of central South Australia. 129(2), 183-192.
148. SHEPHERD, S.A., TEALE, J. & MUIRHEAD, D. 2005. Cleaning symbiosis among inshore fishes at Althorpe Island, South Australia and elsewhere. 129(2), 193-201.
- SHEPHERD, S.A. 7, 91, 107, 116, 136, 137
149. SMALES, L.R. 2004. *Syphacia* (*Syphacia*) *australasiensis* (Nematoda: Oxyuridae) from *Rattus leucopus* (Muridae) from Papua New Guinea and Australia. 128(1), 47-51.
150. SMALES, L.R. 2005. A redescription of *Odilia emanuelae* (Nematoda: Trichostrongylina: Heligmonellidae) from Australian rodents with a key and comments on the genus *Odilia*. 129(1), 59-64.
151. SMALES, L.R. 2006. New host records, redescrptions and new species of Labiostrongylina (Nematoda: Chabertiidae) from macropodid marsupials, with a revised host- parasite checklist. 130(1), 85-100.
152. SMALES, L.R. 2006. Helminth parasites of *Hyomys* (Muridae: Hydromyinae) from New Guinea. 130(2), 297-299*
153. SMALES, L.R. 2007. *Pithecostrongylus anak* sp. nov. (Nematoda: Molineidae) from *Uromys anak* (Rodentia: Muridae) from Papua New Guinea. 131(1), 122-127.
154. SMALES, L.R. 2007. Corrigendum: this paper was published with an incorrect figure in the last issue; *Pithecostrongylus anak* sp. nov. (Nematoda: Molineidae) from *Uromys anak* (Rodentia: Muridae) from Papua New Guinea. 131(2), 205-210.
155. SMALES, L.R. 2009. Helminth diversity in the genus *Melomys* (Murinae: Hydromin) from Australia and New Guinea. 133(2), 265-273.
156. SMALES, L. R. 2009. *Edmondsacanthus blairi* n. gen., n. sp. (Acanthocephala: Rhadinorhynchidae) parasitic in the intestine of the Eastern Rainbow

- fish *Melanotaenia splendida* (Peters, 1866). 133(2), 284-287.
157. SMALES, L.R., GERHARDT, K. & HEINRICH, B. 2001. Embryogenesis, culture and description of the free-living stages of two nematode parasites of the northern hairy-nosed wombat (*Lasiiorhinus krefftii*) (Vombatidae: Marsupialia). 125(1), 57-63.
SMALES L.R. 61, 106, 197
 158. SMITH, B.B. & WALKER, K.F. 2004. Reproduction of common carp in South Australia, shown by young-of-the-year samples, gonadosomatic index and the histological staging of ovaries. 128(2), 249-257.
 159. SMITH, B.P.C. & KOKKINN, M. The use of emergence as an end-point for sediment toxicity tests using the Australian chironomid *Chironomus maddeni*. 128(2), 213-218.
SMITH, B.P. 75
 160. SMITH, R.B., CONALLIN, A. & VILIZZI, L. 2009. Regional patterns in the distribution, diversity and relative abundance of wetland fishes of the River Murray, South Australia. 133(2), 339-360.
SNELL, A.E. 202, 203
 161. SOROKIN, S., FROMONT J. & CURRIE D. 2007. Demosponge biodiversity in the benthic protection zone of the Great Australian Bight 131(2), 192-204.
 162. SOROKIN, S.J., LAPEROUSAZ, T.C.D. & COLLINGS G.J. 2008. Investigator Group expedition 2006: Sponges (Porifera). 132(2), 163-172.
 163. SOUTER, N. 2004. A comparison among three artificial substrates for aquatic macroinvertebrate sampling. 128(2), 259-260.*
 164. SOUTER, N.J. 2005. Flood regime change in the Hattah Lakes Victoria resulting from regulation of the River Murray. 129(1), 74-80.
 165. SOUTER, N.J. 2006. Habitat requirements and conservation of the endangered Pygmy Bluetongue lizard *Tiliqua adelaidensis*: 130(1), 187.*
 166. SOUTER, N.J. & WILLIAMS, W.D. 2001. A comparison of macroinvertebrate communities in three South Australian streams with regard to reintroduction of the platypus. 125(2), 71-82.
SPECHT, R.L. 97
SPENCER, P.B.S. 38
 167. SPRATT, D.M. 2007. Asian origins for some Spirurid nematode parasites found in Australian mammals. 131(1), 83-92
 168. SPRATT, D.M. 2007. *Eucoleus potoroii* sp. nov. (Nematoda: Trichinelloidea: Capillariidae) from the bronchi and bronchioles of captive potoroid marsupials. 131(1), 116-121.
 169. SPRATT, D.M. 2008. *Monanema australe* sp. nov. (Nematoda: Onchocercidae) from the lungs and liver of native rodents in north Queensland. 132(1), 1-6.
 170. SPRATT, D.M. & HOBBS, R.P. 2004. *Breinlia (Breinlia) ventricola* (Nematoda: Filarioidea) from the heart of the red kangaroo, *Macropus rufus*, in Western Australia. 128(1), 67-71.
 171. SPRATT, D.M. & NICHOLAS, W.L. 2002. Morphological evidence for the systematic position of the Order Muspiceida (Nematoda). 126(2), 51-62.
SPRATT, D.M. 37, 59, 110
STAGNITTI, F.
 172. STAPLES, D.A. 2005. Pycnogonida from the Althorpe Islands, South Australia. 129(2), 158-169.
 173. STAPLES, D.A. 2008. Investigator Group Expedition 2006: Pycnogonida. 132(2), 125-133.
STEANE, D.A. 199
STEVENS, N.B. 78
 174. STOIAN, L.M., COOPER, S.A. & CHAMBERLAIN, C.C. 2008. Investigator Group expedition 2006: Cainozoic sediments on Flinders Island, South Australia: description, age and their implication for diamond exploration. 132(2), 57-73.
 175. STRONG, N.J. & WARD, T.M. 2009. Growth rates of larval Sardine, *Sardinops sagax*, in upwelling areas of the eastern Great Australian Bight. 133(2), 307-317.
STRZELECKI, J. 176
 176. STYAN, C.A. & STRZELECKI, J. 2002. Small scale spatial distribution patterns and monitoring strategies for the introduced marine worm, *Sabella spallanzanii* (Polychaeta: Sabellidae). 126(2), 117-124.
TALLIS, G.M. 92
 177. TANNER, J. E. (2005). Three decades of habitat change in Gulf St Vincent, South Australia. 129(1), 65-73.
 178. TAYLOR, D.J. 2002. First records of two families of freshwater Amphipoda (Corophiidae, Perithiidae) from South Australia. 126(2), 125-126.*
TEALE, J. 148
THIELE, K.R. 83
 179. TIMMS, B.V. & GEDDES, M.C. 2003. The Fairy Shrimp genus *Branchinella* Sayce, 1903. (Crustacea: Anostraca: Thamnocephalidae) in South Australia and the Northern Territory, including descriptions of three new species. 127(1), 53-68.
 180. TURNER, D. & CONRAN, J.G. 2004. The reproductive ecology of two naturalised *Erica* species (Ericaceae) in the Adelaide Hills: the rise and fall of two 'would-be' weeds? 128(1), 23-31.
 181. TURNER, D.J. & CHESHIRE, A.C. 2003. Encounter 2002 expedition to the Isles of St Francis, South Australia: Structure and productivity of benthic macroalgal communities. 127(2), 153-166.
TURNER, D.J. 7
TURNER, G. 59

- TUROCZY, N.J. 59
182. TYLER, M.J. & DAVIES, M. 2000. Developmental biology and larval morphology of the frog *Limnodynastes depressus* Tyler (Myobatrachidae: Limnodynastinae). 124(2), 169-175.
- TYLER, M.J. 1, 27
- VADER, W. 18
183. VAILLANCOURT, R.E., BOOMSMA, D.B. & NICOLLE, D. 2001. A disjunct population of *Eucalyptus globulus* ssp. *bicostata* from South Australia. 125(1), 65-68.
- VAILLANCOURT, R.E. 199
184. VAN RUTH, P.D. & WARD, T.M. 2009. Mesozooplankton abundance, distribution and community composition in the eastern Great Australian Bight. 133(2), 274-194.
- VILIZZI, L. 160
- von der BORCH, C.C. 55, 56
- WACE, N.M. 3, 135, 137
- WALKER, K.F. 67, 158
185. WALKER, S.J. & GOONAN, P.M. 2000. Re-evaluation of the distribution of *Geocrinia laevis* (Anura: Leptodactylidae) in South Australia. 124(2), 135-139.
186. WALKER-SMITH, G.K. 2005. A new species of *Neopeltopsis* (Copepoda, Harpacticoida, Peltidiidae) from Althorpe Island, South Australia. 129(2), 170-182.
- WAPSHERE, A.J. 86
- WARD, T.M. 175, 184
187. WASSON, K. 2002. A review of the invertebrate phylum Kamptozoa (Entoprocta) and synopsis of kamptozoan diversity in Australia and New Zealand. 126(1), 1-20.
188. WATSON, J.E. 2003. Encounter 2002 expedition to the Isles of St Francis, South Australia: Annotated list of shallow water Hydroids with description of a new species of *Campanularia*. 127(2), 243-263.
189. WATTS, C.H.S. 2004. Revision of Australian *Scirtes* Illiger and *Ora* Clark (Coleoptera: Scirtidae). 128(2), 131-168.
190. WATTS, C.H.S. 2007. Revision of Australian *Pseudomicrocara* Armstrong (Coleoptera: Scirtidae). 131(1), 1-82.
191. WATTS, C.H.S. 2007. Corrigendum: in the last issue page 74 was printed with an illustration missing. 131(2), 205-210.
192. WATTS, C.H.S. 2009. Revision of *Heterocyphon* Armstrong, *Peneveronatus* Armstrong and *Accolabass* gen. nov. (Scirtidae: Coleoptera). 133(1), 108-149.
193. WATTS, C.H.S. & HUMPHREYS, W.F. 2004. Thirteen new Dytiscidae (Coleoptera) of the genera *Boongurrus* Larson Tjirtudessus Watts & Humphreys and *Nirripiriti* Watts & Humphreys, from underground waters in Australia. 128(2), 99-129.
194. WATTS, C.H.S. & HUMPHREYS, W.F. 2006. Twenty-six new Dytiscidae (Coleoptera) of the genera *Limbodessus* Guignot and *Nirripiriti* Watts & Humphreys, from underground waters in Australia. 130(1), 123-185.
195. WATTS, C.H.S. & HUMPHREYS, W.F. 2009. Fourteen New Dytiscidae (Coleoptera) of the genera *Limbodessus* Guignot, *Paroster* Sharp, and *Exocelina* Broun from underground waters in Australia. 133(1), 62-107.
196. WATTS, S.H.S. & LEYS, R. 2005. Review of the epigean species of Australian *Libodessus* Guignot (Insecta: Coleoptera: Dytiscidae). 129(1), 1-13.
- WEAR, R. 33
197. WEAVER, H.J. & SMALES L.R. 2006. *Syphacia* (*Syphacia*) *abertoni* n. sp. (Nematoda: Oxyuridae) from *Zyzomys argurus* (Thomas) (Rodentia: Muridae) from northern Australia. 130(2), 206-210.
- WEAVER, H.J. 16
- WELLS, R.T. 32
198. WHITE, J.M. & WHITE, T.C.R. 2005. Macro-invertebrates captured in artificial substrates in the restored Watervalley Wetlands in South Australia. 129(1), 25-38.
- WHITE, T.C.R. 198
- WHITTINGTON, I.D. 75
199. WHITTOCK, S., STEANE, D.A., VAILLANCOURT, R.E. & POTTS, B.M. 2003. Molecular evidence shows that the tropical boxes (*Eucalyptus* subgenus *minutifructus*) are overranked. 127(1), 27-32.
200. WIEBKIN O. 2003. A reason to celebrate one hundred and fifty years of science in South Australia, 127(1), 1-4.
- WILD, N. 41, 42
201. WILLIAMS, C.R. & KOKKINS, M.J. 2000. Records of mosquitoes (Diptera: Culicidae) from the Cooper Basin in north-eastern South Australia. 124(1), 45-48.*
202. WILLIAMS, C.R., KOKKINN, M.J., SNELL, A.E., FRICKER, S.R. & CROSSFIELD, E.L. 2001. Mosquitoes (Diptera: Culicidae) in metropolitan Adelaide, South Australia. 125(2), 115-121.
203. WILLIAMS, C.R., SNELL, A.E. & KOKKINN, M.J. 2004. Studies of temporal hostseeking patterns of *Culex annulirostris* (Diptera: Culicidae): a comparison of methods and populations. 128(2), 225-229.
- WILLIAMS, C.R. 204
- WILLIAMS, M. 138
204. WILLIAMS, S.R., KOKKINN, M.J., FRICKER, S.R., SCHNEEMILCH, M.J., HUMPHREY, M.J. & WILLIAMS, C.R. 2009. Mosquitoes (Diptera:

- Culicidae) of the Spencer Gulf Coast of South Australia. 133(1), 51-56.
- WILLIAMS, W.D. 166
- WISHART, E. 15
205. WOMERSLEY, H.B.S. 2004. Additions to the Marine Algal Flora of southern Australia. 128(2), 205-212.
206. WOMERSLEY, H.B.S. & BALDOCK, R.N. 2003. The Encounter 2002 expedition to the Isles of St Francis, South Australia: Marine benthic algae. 127(2), 141-151.
- WOMERSLEY, H.B.S. 8
207. WORTHY, T.H. & PLEDGE, N.S. 2007. A shelduck (Anatidae: *Tadorna*) from the Pliocene of South Australia. 131(1), 107-115.
- WOUTS, W.M. 131
- WRIGHT A. 105
- ZAMPATTI, B.P. 115
208. ZANG, W.L. 2005. Geology of Althorpe Island. 129(2), 90-93.
209. ZBIK, M. & PRING, A. 2004. The Myrtle Springs meteorite: A (H4) chondrite from South Australia. 128(1), 33-36.
210. ZED, T., CONRAN J.G. & LEWIS, A. 2006. Vegetation patterns in relation to bird nesting preferences on West Island, South Australia. 130(2), 211-226.
- ZEIDLER, W. 63
211. ZHAO, Z.Q., DAVIES K.A., RILEY, I.T. & NOBBS, J.M. 2006. *Laimaphelenchus preissii* sp. nov. (Nematoda: Aphelenchina) from Native Pine *Callitris preissii* in South Australia. 130(1), 10-16.
212. ZHAO, Z.Q., DAVIES, K.A., RILEY, I.T. & NOBBS J.M. 2007. *Laimaphelenchus heidelbergi* sp. nov. (Nematoda: Aphelenchina) from Victoria, Australia, and emendment of the diagnosis of the genus. 131(2), 182-191.
213. ZHAO, Zeng Qi, RILEY, I.T., DAVIES, K.A. & LI, Dong Mei. 2009. Above-ground nematodes of conifers in South-Eastern Australia. 133(1), 41-50.

A

- 150 years science in SA 200
 16s-tRNA-NDI fragments 196
 Aaron Creek Shear Zone 77
Abbreviata antarctica 80, *confusa* 80, *hastaspicula* 80, *melanesiensis* 79, sp. 65
Ablabesmyia sp. 198
Abutilon oxycarpum 119, *theophratsi* 119
Acacia continua 97, *cupularis* 135, *melanoxylon* 97, *myrtifolia* 97, *oswaldii* 135, *papyrocarpa* 4, *paradoxa* 134, *pycnantha* 97, *retinodes* 97, *rotundifolia* 97, *rupicola* 97, *spinescens* 97
Acanthaluteres browni 147, *vittiger* 144, 147
Acanthella sp. 162
Acanthisfius serratus 144
Acanthizidae 133
Acanthocephala 114, 122, 156
Acanthocladium dockeri 118
Acarina 198
Accipitridae 132
Accipitridae 133
Accolabass davidleai 192, key 192, *maculatus* 192, *occidentalis* 192, *parvus* 192, *velutinus* 192, *victoriaensis* 192
Acentrogobius bifrenatus 66
Achelia shepherdii 173, *transfugoides* 172
Achoerodus gouldii 144, 145, 147, 148
Acremonium sp. 121
Acrobates pygmaeus 126, 127
Acrobatidae 127
Acrocarpia paniculata 5, 7, 8, 206
Acrochordus javanicus 53
Acrosorium ciliolatum 8
Acrosymphyton taylorii 206
Acrothamnion preissii 8, 206
Acrotriche fasciculiflora 97, *patula* 134, 135, *serrulata* 97
Acrotylaceae 206
Adelaide 41
Adelaidean water quality 82
Adelophycus corneus 206
Adenanthos terminalis 97
Adenophorea 171
Adiantaceae 134
Advertisement call-*Choerophryne burtoni* 129
Advertisement call-frog 128
Aedes alternans 201, *bancroftianus* 201, *camptorhynchus* 16, *eidsvoldensis* 201, *sapiens* 201, spp. 204, *theobaldi* 201
Aegothelidae 127
Aegotheles cristatus 127
Aelurostrongylus abstrusus 114
Aeonium arboretum 134
Aepyprymnus rufescens 126, 151, 168
Aerobatidae 127
Aeschna brevistyla 198
Aeschnidae 198
Aetobatus narinari 35
African Boxthorn 90, 91, 134, 135
Afurcagobius tamarensis 66
Agamidae 95, 127, 132, 133
Agave americana 134
Agile wallaby 151
Aglaophenia carinifera 188, *divaricata* 188
Aglauroopsis 63
Agraptocorixa eurynome 198, sp. 198
Agricultural runoff 177
Agriculture-Investigator Group islands 87
Agrilinae 9, 12, 13
Aizoaceae 91, 134, 135
Ajax copper mine 48
Aka sp. 1 162, sp. 2 162
Alariaceae 8, 206
Alauda arvensis 133
Alaudidae 133
Alcedinidae 133
Aleppo Pine 134
Aleyrodidae 4
Alice River 156
Alleynea bicornis 206
Allied rock-wallaby 151
Allocasuarina 13, *muelleriana* 97, *verticillat* 91, 97, 134
Allodessus bistrigatus 198
Alternaria sp. 121
Althorpe Island 5, 8, 17, 58, 90, 91, 107, 124, 143, 145, 147, 148, 172, 186, 208
Alyogyne huegelii 134
Alyxia buxifolia 134, 135
Amansia pinnatifida 6, 206, *serrata* 206
Amansieae 8, 206
Amaranthaceae 134, 135
Amaryllis macrophthalama 70
Ambassidae 67
Ambassis agassizii 67, sp. 67
Ameiridae 194
Amino acid racemisation 108
Ammonothea ovatoides 173
Ammonotheidae 173
Amniataba percoides 67
Amoenothamnion planktonicum 206
Ampelisca euroa 70
Amphibians 127
Amphibolis 5, 33, 105, *antarctica* 34, 148, *griffithii* 34, sp. 70
Amphimitic reproduction 130
Amphimixis 130
Amphinema australis 63, *cheshirei* 63, *dinema* 63, *krampi* 63, *modernisme* 63, *physophorum* 63, *platyhedos* 63, *rugosum* 63, *shantungensis* 63, *turrida* 63
Amphipoda 18, 178, 194, 198
Amphiroa anceps 7, 206, *gracilis* 206
Amphiroideae 206
Amphisbetia maplestonei 188, *minima* 188, *olseni* 188
Amphistome 61
Amphoroidea 70
Amphoroidea cf angustata 70
Ampithoe sp. 70
Ampithoid (Ampithaidae) spp. 70
Anacardiaceae 134
Anadyomenaceae 206
Anagallis arvensis 91, 134
Anapsidae 17
Anas castanea 133, *gracilis* 133, *superciliosa* 127
Anatidae 127, 132, 133
Anatidae fossil 207
Ancorinidae 162
Ancylostoma tubaeforme 114
Andamooka 125
Anemia caulobioides 98
Angianthus preissianus 91, 135, *tomentosus* 135
Angiostrongylidae 155

- Angiostrongylus cantonensis* 155, *mackerrasae* 155
Anguina australis 67, 130, *funesta* 130, *microlaenae* 52, 130
 Anguinidae 52, 130
 Anhydrobiosis 52
Anisops sp 198, *thienemanni* 198
 Anisoptera 198
 Annelida 139
 Annual Cat's Tail 134, 135
 Annual Cudweed 134
 Annual Pearlwort 134
 Annual Rock-fern 134
 Annual Ryegrass 91, 134
 Annual Stonecrop 134
 Annual Veldt-grass 134
Anopheles amictus 201
Anopheles amictus 202, *annulipes* 16, 201, 202, spp. 204
 Anoplocephalidae 22, 24, 155
 Anostraca 179
Anotrichium elongatum 206
Anous minutus 121
Anoxypristis cuspidata 35
Antechinus agilis 127, *bellus* 167, *flavipes* 32, 126, 127, 167, *minimus* 126, 127, *stuartii* 126, 167, *swainsonii* 126, 127
Antennella campanulaformis 188, *secundaria* 188
Antho (Isopenectya) chartacea 161
Anthus novaeseelandiae 132, 133
 Antilopine wallaroo 151
Antiporus femoralis 198, *gilberti* 198
 Antithamninae 8, 206
Antithamnion armatum 206, *biarmatum* 8, *cruciatum* 206, *delicatulum* 206, *hanovioides* 7, 8, 146, 206
 Anura 1, 128, 129, 185
Aonchotheca miniapterae 168
Aora maculata 70
 Aoridae spp. 70
Apalochlamys spectabilis 134
 Aphelenchina 211, 212
 Aphelenchoididae key 72
 Aphelenchoidoididae 72
 Apicomplexa 113
Apium prostratum ssp *prostratum* var. *prostratum* 134, 135, var. *filiforme* 91
Apjohnia laetevirens 8, 206
Aplodactylus arctidens 147, *westralis* 147
Aplysia parvula 17, *rosea* 162
Aplysina sp. 162
 Aplysinellidae 162
 Aplysinidae 162
 Apocynaceae 134, 135
 Apodidae 133
Apoglossum spathulatum 206
Aponomma concolour 37
 Aporcelaimidae 71
 Aporcelaiminae 71
 Aporous sensilla 60
 Appelenchids 213
Aprasia striolata 132, 133
 Apseudidae sp. 70
Apus pacificus 133
 Aquatic biodiversity 66
 Aquatic macroinvertebrate sampling 163
Aquila audax 126, 133
Aracana aurita 144
 Arachnida 198
 Arafura Sea 35
 Araneae 198
Araucaria heterophylla 134
 Araucariaceae 134
 Arbo virus 204
 Arbovirus activity and rainfall 16
 Archidae 17
Arctocephalus forsteri 132, 133, 210
Arctotheca calendula 91, 134
Ardea novaehollandiae 132, *sacra* 132
 Ardeidae 132, 133
Arenaria interpres 132, 133
Areschougia congesta 6, 206
 Areschougiaceae 8 206
Argiolestes icteromelas 198
 Arid zone plants 57
Arius graeffii 23
 Arrenuridae 198
Arrenurus sp. 1 198, sp. 2 198
Arripis georgiana 144, 147
 Arrowgrass 91, 134, 135
 Artamidae 127, 133
Artamus personatus 133
Artemisia arborescens 134
Arthrocardia flabellata ssp. *australiana* 8
 Arthropycus 206
 Artificial burrows-Tiliqua *adelaidensis* 165
 Artificial substrate samplers (ASS) 163
Arundelia 20
 Ascaridae 155
 Asclepiadaceae 117, 135
 Asilidae 88, 89
 Asparagaceae 44
Asparagopsis armata 8, 146, 206
Asparagus asparagoides 44, *plumosus* 134
 Asparagus Fern 134
Aspergillus candidus 121, *unguis* 121
Asperococcus bullosus 206
Asphondylia 86, *obscura* 86, *paucidentata* 86, *sturtiana* 86
 Asteraceae 97, 118
 Asteriidae 17
 Asterinidae 17
 Asteroidea 17
Asteropus sp. 162
 Astolanata 187
Astraeus goldingi 11, *hanloni* 11, *kitchini* 10, *mayoi* 11, *sundholmi* 11
Astraeus key 11
Astraliu aureum 17, 34
Astroloma conostephioides 97, *humifusum* 97
 Astrophorida 162
 Athanasiadis 8
 Atherinidae 67
Atherinosoma microstoma 66, 67
 Athol Pine 134, 135
 Atlantic salmon 67
 Atmosphere 96
Atriplex cinerea 91, 134, 135, *kochiana* 125, *muelleri* 134, 91, *nummularia* 134, *paludosa* ssp. *cordata* 91, 134, *prostrata* 210, *semibaccata* 91, *suberecta* 134, *vesicaria* 135
 Aulacidae 78
Aulacus belairensis 78, *flindersbaudini* 78, *grossi* 78, *moerens* 78

AusRivAS project 178
 Austral Seablite 91, 134
 Austral Stork's Bill 91, 135
 Australian Aboriginal prehistory 104
 Australian bass 67
 Australian Bindweed 134
 Australian Boxthorn 134, 135
 Australian grayling 67
 Australian Hollyhock 91, 134, 135
 Australian Hound's-tongue 134
 Australian Kestrel 132
 Australian Magpie 133
 Australian Pelargonium 134
 Australian Raven 132, 133
 Australian Saltmarsh-grass 135
 Australian sea lions 132, 133, 184
 Australian smelt 67
 Australian Stonecrop 91
Austrelaps superbus 127
Austreolis ornata 17
Austroagrion coeruleum 198, *watsoni* 198
Austrochilonia australis 178, 198, *subtenuis* 198
Austroclonium charoides 206
Austrocochlea adelaidae 17, *odontis* 17, *rudis* 17
Austrodanthonia caespitosa 91, 134, *racemosa* var. *racemosa* 134, *setacea* 134
Austroginella sp. 17
Austrolabrus maculatus 144, 147, 148
Austrolestes analis 198, *annulosus* 198, *juv* 198
Austroliotia botanica 17
 Austrolithoideae 206
Austrolithon intumescens 206
Austronereia australis 206
Austrophenoides mundoe 70
Austrophyllis alcornis 8, 206
Austrostipa elegantissima 134, 135, *eremophila* 134, *flavescens* 91, 135, *mundula* 135, *nitida* 134, *puberula* 134, *velutina* 135
Austrothemis nigrescens 198
 Autumn gum moth 141
Avena barbata 91, 134, 135, *fatua* 134, 135
 Aves 93

B

Backstairs Passage Formation 77
 Baetidae 198
 Balcarra Spear-grass 134
Ballia ballioides 206, *callitricha* 6, 8, 206, *mariana* 206
 Balliales-Balliaceae 8
 Banded grunter 67
 Banded Hare-wallaby 133
 Banded Lapwing 133
 Banded sweep 144, 146, 147
Banksia marginata 97, *ornata* 97
 Baradha 31
 Baranha 31
Barbatia riculata 17
 Barber perch 144, 147
 Barcoo grunter 67
Barentsia spp 187
 Barentsiidae 187
 Barker Inlet 66
 Barking Gecko 133

Barley grass 91
 Barmah Forest virus (BFV) 16
 Barn Owl 133
 Barramundi 67
 Barrel Medic 135
 Basement lithologies-Investigator Group 36
 Bassia 91, 135
Bassioanobdella sp. 198
 Bat Cave 127
Bathygobius krefftii 66
 Bathynellacea 194
 Bathynellidae 194
 Baudin 3
 Beach deposit 108
 Beach ridges 56
 Bead Samphire 134
 Bead Samphire habitat 43
 Beaded Glasswort 91
 Beaded Samphire 134
 Bearded Oat 91, 134, 135
 Bearded Samphire 135
 Beard-heath 134
 Bedstraw 135
Bellotia eriophorum 206
Beltongia penicillata 132
Bembicium nanum 17
Bemlos cf *tris* 70
 Bennett's tree kangaroo 151
 Benthic habitats 177
 Benthic macroalgae 7
 Benthic macroflora 5, 6
 Benthic mapping-Investigator Group Islands 105
 Benthic Protection Zone 161
Berosus discolor 198, *larva* 198, *majusculus* 198, *veronica* 198
 Berry Saltbush 91
Berthellina citrina 17
Bertiella sp. 155
Bettongia gaimardi 126, 127, 151, *lesueur* 126, 127, *penicillata* 32, 38, 126, 127, 151, 168, sp. 127, *tropica* 151
Beveridgea 20
Beyeria lechenaultii 134, 135
 Bidessini 195
Bidessodes gutteridgei 195, *limestoneensis* 195
 Bidjara 31
Bidyanus bidyanus 67, *welchi* 67
 Big Bird Cave 127
 Bight Coast Skink 133
 Billy-buttons 91
 Bindal 31
 Biogeography-*Drosera stricticaulis* 45
 Bird, A.F. Obituary 26
 Bird nesting preference 210
 Birds 127
 Biri dialects 31
Bittium granarium 17
 Bivalve heavy metal contamination 138
 Bivalvia 17
 Black Cormorant 133
 Black Nightshade 134
 Black noddies 121
 Black Rat 133
 Black reef leatherjacket 147
 Black spotted wrasse 147, 148

- Black striped wallaby 151
 Black Tiger Snake 132
 Black wallaroo 151
 Black-anther Flax lily 91, 134
 Black-browed Albatross 133
 Black-faced Cormorant 132, 133
 Black-footed Rock-wallaby 133, 151
 Black-footed tree rat 169
 Black-seed Samphire 134
 Black-spotted wrasse 144
 Bladder Saltbush 135
 Blade-seed Samphire 135
 Blanche town 160
 Blewitt Springs 97
Blidingia marginata 8
 Blown grass 91
 Blue Barley-grass 134, 135
 Blue devil 144, 148
 Blue groper 148
 Blue Lake colour 59
 Blue morwong 144
 Blue pimperl 91
 Blue-lined leatherjacket 144
 Blue-tailed leatherjacket 144, 147
 Blue-throated wrasse 144, 146, 147, 148
 Bluff Downs 95
 Bluish Samphire 135
 Boarfish 148
 Böhm's bristles 60
 Boidae 106, 132
 Bonnemaioniaceae 8, 206
 Bonnemaioniales 8, 206
 Bony herring 67
Boongurrus 193
 Bopyridae 54
 Boraginaceae 134
 Borewater 82
Botryocladia sonderi 6, 206
 Bottle Bend Reserve 119
 Bovidae 132, 133
 Bower Spinach 91, 134
Brachylaima cribbi 114, *eribbi* 114
Brachypodium distachyon 134
Brachyscome ciliaris var. *ciliaris* 134, 135, *exilis* 91, *lineariloba* 135
Bracon 50
 Braconidae 141
 Bragg, W.H. 47
 Brain organisation-*Tiliqua* 99
Branchinella australiensis 179, *dubia* 179, *insularis* 179, *lamellata* 179, *latzi* 179, *lyrifera* 179, *pinnata* 179, *tyleri* 179
Brassica tournefortii 91, 134, 135
 Brassicaceae 118
 Breakneck River 166
Breinlia (*Breinlia*) *boltoni* 170, *mundayi* 170, *trichosuri* 170, *ventricola* 170, *pseudochieri* 155, *thylogali* 155
 Bridal Creeper 44
 Bridgewater Formation 55, 174, 208
 Bridled goby 66
 Bridled naitail wallaby 151
 Bristly Wallaby grass 134
Bromus arenarius 134, 135, *catharticus* 91, *diandrus* 135, 91, *madritensis* 134, 135, *rubens* 134, 135
Brongniartella australis 146, 206
 Brook trout 67
 Brooksby's Lane 185
 Broome 21
 Brown Dorcopsis 151
 Brown River dialect 31
 Brown Songlark 133
 Brown trout 67
 Brown, H.Y.L. 47
 Brown, Robert 135
 Brown-head Samphire 134, 135
 Brown-spotted wrasse 144, 147
 Brush Bronzewing 133
 Brushtail possum 113
 Brush-tailed bettong 132, 151
 Bryozoans
 Bryozoans 46, 187
 Buccinidae 17
 Buckbush 134, 135
 Budgerigar 133
 Buffalo Creek 115
 Buff-banded Rail 132
Bulbine semibarbata 91, 134, 135
 Bull Skink 132, 133
 Bullseye 148
Bupleurum semicompositum 135
 Buprestidae 9, 10, 11, 12, 13
 Burdett 211
Burhinus grallarius 126
 Burramyidae 127, 68
 Burr-medic 91, 134
Bursaria spinosa 97
 Burton's Legless-lizard 132
 Bush Rat 132, 133
 Butterfly perch 144
 Bynoe's Gecko 132
- C**
Cacatua roseicapilla 133, *tenuirostris* 126
Cacomantis flabelliformis 133
Cacospongia sp. 162
 Caeridin 1 27
 Caerin 1.1 27
 Caerin 2.1 27
 Caerulein 27
 Caesalpiniaceae 85
Caesioperca lepidoptera 144, *rasor* 144, 147
 Cainozoic sediments Flinders Island 174
Cakile maritima 135, *maritima* ssp. *maritima* 91, 134
 Calaby's pademelon 151
Caladenia latifolia 134
Calandrinia calyptrata 91, 134, *granulifera* 91
 Calanoida 194
 Calcarea sp. 1 162, sp. 2 162, sp. 3 162, sp. 4 162, sp. 5 162, sp. 6 162, sp. 7 162
 Calcrete 28
Calidris alba 132, *ruficollis* 126, 132, 133
Calliblepharis planicaulis 7
Callipallene emaciata micracantha 172
 Callipallenidae 173
 Callithamnieae 206
Callithamnion byssoides 206, *pinnatum* 206
Callitris gracilis 134, *preissii* 211, 213

- Callocapalon fimbriatum* 126
Callophycus laxus 8, *oppositifolius* 8
Callophyllis lambertii 7, 8, 206, *rangiferina* 6, 7, 206
Callyspongia (*Callyspongia*) sp. 1 162, sp. 2 162, sp. 3 162, sp. 4 162
Callyspongia (*Cavochalina*) *bilamellata* 161
Callyspongiidae 162
Calodium hepaticum 168
Calothrix 8
Calyptorhynchus banksii 126, *lathamii* 126
Calyptrix tetragona 97, 134
Cambrian Kanmantoo Group 77
Camel parasites 14
Camelostromylus mentulatus 14
Camelus dromedarius 14
Campaniformia 60
Campanularia 188, *gaussica* 188, *nuytsensis* 188
Camponotus anderseni 103, *annetteae* 103, *arenatus* 142, *aurocinctus* 142, *ceriseipes* 142, *chalcus* 102, *conithorax* 103, *denticulatus* 142, *donnellani* 142, *fergusoni* 102, *fictor augustulus* 103, *gasseri* 103, *gasseri coloratus* 103, *gasseri lysias* 103, *gasseri obrusitrumcatus* 103, *gouldianus* 142, *hartogi* 102, *howensis* 103, *inflatus* 102, *janeti* 103, *janforrestae* 103, *latrunculus* 142, *latrunculus victoriensis* 142, *longifacies* 102, *lownei* 102, *lownei* 102, *mackayensis* 103, *macrocephalus* 103, *macrocephalus* 103, *macrocephalus* sp. gp. 103, *midas* 142, *myoporus* 142, *owenae* 142, *pawseyi* 102, *perjurus* 142, *pitjantjatarae* 102, *postcornutus* 142, *prosseri* 142, *rudis* 102, *rufonigrus* 142, *sanguinifrons* 103, *scotti* 102, *semicarinatus* 103, *setosus* 142, *simpsoni* 102, *sponsorum* 102, *tasmani* 102, *terebrans* 142, *testaceipes* 142, *versicolor* 142, *vitreus* 103, *wiederkehri* 142, *wiederkehri* 142, *wiederkehri lucidior* 142
Cancellaria c.f. *granosa* 17
Cancellariidae 17
Candonopsis dani 194
Canis lupus familiaris 126
Cantharidus lehmanni 34
Canthrinella picturata 17
Canunda 185
Canunda National Park 44
Cape Barren Goose 132, 133
Cape Jervis 148
Cape Leeuwin Wattle 134
Cape Plumbago 134
Cape Weed 91, 134
Cape York Peninsula 167
Cape York rock-wallaby 151
Capillaria sp. 155
Capillariidae 168
Caprella sp. 70
Caprellidea 70
Carabhydrus stephanieae 195
Carassius auratus 67
Carbonate mud 55
Carbon-dioxide baited trapping 203
Cardicola ahi 49, *brasiliensis* 49, *cardicola* 49, *chaetodontis* 49, *congruenta* 49, *coriodacis* 49, *forsteri* 49, *grandis* 49, *mugilis* 49, *whitiei* 49
Cardita sp. 17
Carditidae 17
Caretta caretta 120
Carp exclusion screens 160
Carpet Python 132
Carpobrotus edulis 91, *rossii* 91, 134, 135
Carpoglossum confluens 8
Carpopeltis phyllophora 6, 8, 206
Carrichtera annua 134
Carteriospongia cf. *silicate* 162
Caryophyllaceae 91, 134, 135
Casinaria 141
Caspian Tern 133, 210
Cassowary-southern 110
Castelnau's wrasse 147
Castiarina bilyi 10, *bugejiana* 10, *chlorota* 10, *coalstounensis* 10, *darkinensis* 10, *denmanensis* 10, *euqueti* 10, *gilberti* 10, *kitchini* 10, *markgoldingi* 10, *moxoni* 10, *pallida* 10, *suttoni* 10
Casuariidae 127
Casuarina 13
Casuarinaceae 91, 97, 134
Casuaris casuaris 110, *picticollis* 111
Cat 133
Catapodium rigidum 134
Catchment water budget 82
Catfish 23
Cathedral Cave 32, 127
Catyptraeidae 17
Caulerpa brownii 206, 8, *cactoides* 206, *flexilis* 5, 6, 7, 8, 146, 206, *flexilis* var. *muelleri* 7, 206, *geminata* 206, *geminata* 8, *hedleyi* 206, *longifolia* 206, *obscura* 7, 8, 206, *papillosa* 206, 8, *racemosa* var. *cylindracea* 33, *scalpelliformis* 8, 206, *simpliciuscula* 206, sp. 6, *taxifolia* 33, *vesiculifera* 7, 8, 206
Caulerpaceae 8, 206
Caulerpales 8
Caulocystis cephalornithos 8
Caustic Bush 135
Cave-Bat 127, -Big Bird 127, -Cathedral 127, -Fossil 127, -Grant Hall 127, -Green Waterhole 127, -Henschke's Komatsu 127, -Robertson 127, -Un-Named 127, -Upper And Lower Ossuaries 127, -Victoria Fossil 127, -Wet 127, -Whale Bone 127, -White Chamber 127
Caves 126
Cecidomyiidae 85, 86
Ceduna 28
Ceinidae 194, 198
Cellana solida 17, *tramoserica* 17
Centaurea melitensis 134
Centaurium spicatum 135
Centroberyx lineatus 147
Centroceros clavulatum 8
Centrolepidaceae 134
Centrolepis cephaloformis ssp. *murrayi* 134, *strigosa* ssp. *strigosa* 134
Centropomidae 67
Centropus colussus 126
Century Plant 134
Cephalopina titillator 14
Cephalopoda 17
Ceramiaceae 8, 206
Ceramiales 8, 206
Ceramieae 8, 206
Ceranium adhaerens 206, *adhaerens* 206, *cliftonianum* 206, *filiculum* 8, *pusillum* 206, 8, *wilsonii* 205
Cerastium glomeratum 134
Ceratopogonidae 198
Cercartetus concinnus 126, *lepidus* 126, 127, *nanus* 32, 68,

- 126, 127, 127
Cerceis acuticaudata 70
Cercopithifilada johnstoni 155
Cereopsis novaehollandiae 132, 133
Cererthidae 17
Cerithiopsidae 17
Cervonemella reardoni 20
Cestoda 22, 24, 25, 30, 65, 110, 111, 112, 114, 155
Cetacean 64
Cetacean-human interactions 64
Chabertiidae 151, 155
Chaetica 60
Chaetomorpha aerea 8
Chalinolobus morio 133
Champia affinis 206, *viridis* 7, 206, *zostericola* 8, 206
Champiaceae 8 206
Chanda perch 67
Charadriidae 127, 132, 133
Charadrius australis 126, *bicinctus* 127, 133, *ruficapillus* 132, 133
Cheilanthes austrotenuifolia 134
Cheilodactylus nigripes 144, 146, 147, 148
Cheilosporum sagittatum 8
Cheilostomata 46
Cheiranthra alternifolia 97
Cheirodes sardous 98
Chelidae 61, 127
Chelmonops curiosus 144, 147
Chelodina longicollis 126, sp. 127
Chelonia mydas 120
Chenopodiaceae 43, 91, 134, 135
Chenopodium album 134, 210, *desertorum* ssp. *microphyllum* 134, *desertorum* ssp. *rectum* 134, *murale* 134, 135, 91, *pumilio* 134
Cherax destructor 198
Chestnut Teal 133
Chickweed 91, 134
China Sea 18
Chinchilla Sand 94
Chironomidae 198
Chironominae 198
Chironomus maddeni 159, sp. 198
Chlamydogobius eremius 67
Chlamydogobius gloveri 67
Chlanidophora microphylla 206
Chloride accession 82
Chlorinity 43
Chlorophyll-a 175
Chlorophyta 8, 206
Chocolate Wattled Bat 133
Choerophryne allisoni 128, 129, *burtoni* 129, *longirostris* 129, *proboscidea* 129, *rostellifer* 129
Chondria sp. 206
Chondriaceae 206
Chondrilla sp. 162
Chondrillidae 162
Chondrite 209
Chondrite-H4 73
Chondrophycus paniculatus 206, *tumidus* 8
Chondropsidae 162
Chondropsis arenifera 161, 162, cf. *kirkii* 161, sp. 2 162
Chondrosida 162
Chordariaceae 8, 206
Chordariales 8, 206
Christinus marmoratus 132, 133
Chronic toxicity studies 159
Chrysocephalum baxteri 134
Chrysococcyx basalis 133
Chrysopogon gammonensis 88
Chyloccladia 206
Cincloramphus cruralis 133
Circus approximans 133
Cirrulicarpus nanus 8, 206
Cisseis aberrans 9, *adusta* 9, *aenea* 12, *aenigma* 12, *aeruginosa* 12, *armstrongi* 9, *augustgoerlingi* 9, *bilyi* 12, *borealis* 12, *brooksi* 9, *broomensis* 9, *carenceps* 13, *chalcophora* 9, *chlorota* 12, *cincta* 13, *constricta* 13, *coraeboides* 13, *corpulenta* 9, *cupreata* 12, *cupreola* 9, *cyanea* 9, *derbyensis* 9, *erythrocephala* 12, *excelsior* 9, *fritilla* 12, *furfurosa* 12, *goldingi* 12, *guttata* 12, *kohouti* 9, *leai* 12, *lindi* 13, *macmillani* 9, *macqueeni* 9, *minuta* 12, *miyama* 12, *montana* 12, *occidentalis* 13, *perplexa* 13, *pulleni* 9, *rubricate* 12, *rubriceps* 12, *scabiosa* 12, *septuosa* 12, *septuosa* 9, *speciosa* 9, *spilota* 12, spp 9, *stellata* 9, *storeyi* 12, *subcarinifrons* 13, *suehasenpuschae* 12, *trimentula* 9, *tyleri* 12, *uniformis* 13, *ustulata* 12, *wagneri* 12, *watkinsi* 9, *williamsi* 12, *wilsonensis* 12
Citrullus colocynthis 134
Cladistic analysis 71
Cladocerans 184
Cladopelma sp. 198
Cladophora coelothrix 206, *valonioides* 8
Cladophoraceae 8, 206
Cladophorales 8
Cladorchiidae 61
Cladosiphon filum 206, *vermicularis* 8
Cladostephaceae 8
Cladostephus spongiosus 8
Cladotanytarsus sp. 198
Cladurus elatus 206
Clammy Goosefoot 134
Clanculus brunneus 17, *dunkeri* 34
Clathria (*Clathria*) cf. *striata* 161, sp. 162, *transiens* 161
Clathria (*Dendrocia*) cf. *pyramida* 161
Clathria (*Thalysias*) *cactiformis* 161, cf. *cactiformis* 162
Clathria (*Wilsonella*) *australiensis* 161, sp. 162
Claudea elegans 206
Clavidae 198
Cleaner fish 148
Cleaner shrimp 148
Cleaning symbiosis 148
Clematis microphylla var. *microphylla* 134
Clibanarius taeniatus 54
Cliftonaea pectinata 206
Climbing galaxias 67
Climbing Lignum 135
Climbing Saltbush 134
Clinanarius virescens 54
Clionaidae 162
Cloacina 20, *caenis* 30, *echidne* 30, *ernabella* 30, *frequens* 30, *longelabiata* 30, *macropodis* 30, *parva* 30, *pearsoni* 30, *petrogale* 30, *similis* 157
Cloacinidae 20
Cloeon sp. 198
Cloncurry 30
Cloud detection 96

- Clupeidae 67
 Clustered Lawrencia 135
Clypidina rugosa 17
Clystallinum 91
Clytia hemisphaerica 188
 Cnidaria 198
 Coast Ballart 134
 Coast Beard-heath 134
 Coast Bone fruit 91, 134, 135
 Coast Cushion Bush 91, 134
 Coast Daisy-bush 91, 134, 135
 Coast Everlasting 135
 Coast Ixodia 91
 Coast Plover-daisy 91, 134
 Coast Pomaderris 135
 Coast Saltbush 134
 Coast Sand-spurrey 91, 134, 135
 Coast Spear-grass 91
 Coast Swainson-pea 91, 134
 Coast Tobacco 134
 Coast Tussock Grass 91, 134, 135
 Coast Twinleaf 91, 134, 135
 Coast Velvet-bush 134
 Coastal Climbing lignum 91
 Coastal fore dunes 69
 Coastal Galenia 134
 Coastal languages 31
 Coastal navigation 124
 Coastal Umbrella Bush 135
 Cobitidae 67
Cochleocephalus bicolor 148
 Cockatoo Lagoon 182
 Cockies Tongue 134, 135
 Codiaceae 8, 206
 Codiales 8
Codium "nuytsianum" 206, *galeatum* 206, *galeatum spiralis* 7, *pomoides* 8
Coelarthrum cliftonii 206, *opuntia* 206
Coelocyba 50
 Coenagrionidae 198, juv. 198
 Coleoptera 9, 10, 11, 12, 13, 98, 189, 190, 192, 193, 194, 195, 196, 198
 Colocynth 134
Colomastix sp. 70
 Coloniales 187
Colpomenia sinuosa 8, 206
Columba livia 133
 Columbidae 17
 Columbidae 133
 Comasteridae 139
Comesperma volubile 134, 135
Cominella eburnea 17, *lineolata* 17
 Common Barbgrass 91
 Common Blown-grass 134
 Common Boobialla 91, 134
 Common Brushtail Possum 133
 Common bullseye 144, 147
 Common carp 67, 158
 Common Correa 91, 135
 Common Cotula 134
 Common Cup-flower 91
 Common Fringe-myrtle 134
 Common galaxias 67
 Common Iceplant 91, 134, 135
 Common New Holland Daisy 134
 Common Pearlwort 91
 Common Peppercress 134
 Common rock rat 197
 Common Scaly-foot 132
 Common Sea-heath 134, 135
 Common Sow-thistle 91, 135
 Common Starling 132, 133
 Common Stork's Bill 134, 135
 Common Wallaby-grass 134
 Common wallaroo 151
 Compact Brome 134, 135
 Comparative anthropology 104
 Compositae 91, 134, 135
 Compositional analysis 210
 Compsothamnidae 206
 Congolli 67
Congruus eongruus 126
 Conidae 17
 Conifer nematodes 213
 Conilurini 197
Conilurus albipes 126, 127
Conospermum patens 97
 Conservation 69, 210
 Conservation management 67
 Conservation-*Atriplex kochiana* 125
 Conservation-*Tiliqua adelaidensis* 165
Contarinia bursariae 85, *sennicola* 85
Conus anemone 17
 Convolvulaceae 134, 135
Convolvulus angustissimus 134
Conyza bonariensis 91
 Cooper Basin 201
 Cooper catfish 67
Cooperia pectinata 14
 Copepoda 184, 194
Coquillettidia linealis 202
 Coraebini 13
Corallina officinalis 8
 Corallinaceae 8, 206
 Corallinales 8, 206
 Corallinoideae 206
Cordylophora sp. 198
 Corixidae 198
 Corn spurrey 91
 Corophiidae 178
Correa backhouseana var. *coriacea* 134, 135, *reflexa* 97, *reflexa* var. *coriacea* 91
 Corrigendum 154, 191
 Corvidae 127, 132, 133
Corvus 126, *coronoides* 132, 133, sp. 127
Corynophloea cystophorae 206
Coscinasterias muricata 17
Coscinoderma cf. *pesleonis* 161, *pesleonis* 162
Cotesia geometrica 141
Cotula australis 134, *coronopifolia* 91, *vulgaris* 91, *vulgaris* var. *australasica* 134, 135
Coturnix pectoralis 126, 127, 132, *ypsiphora* 126
Cotyledon orbiculata 134
 Couch-grass 91, 134
 Crangonyctidae 198
 Crangonyctoidea 194

- Craspedacusta* 63
Craspedia variabilis 91
Craspedocarpus blepharicarpus 206, *ramentaceus* 206, *venosus* 206
Crassilingua marginifer 8
Crassula closiana 91, *colligata* ssp. *lamprosperma* 134, *colorata* var. *colorata* 135, *decumbens* var. *decumbens* 91, *sieberana* ssp. *tetramera* 91
 Crassulaceae 91, 134, 135
Craterocephalus dalhousiensis 67, *eyresii* 67, *fluviatilis* 67, *gloveri* 67, *stercusmuscarum stercusmuscarum* 67, *stercusmuscarum fulvus* 67
 Crawford's Cornucopia Cave 127
 Creeping Boobialla 134
 Creeping Brookweed 91, 134, 135
Crepidula aculeate 17
 Crested Tern 132, 133, 210
Cricotopus sp. 198
 Crimson Chat 133
Crinia bilingua 1, *signifera* 126, 127, 185, *tinnula* 1
 Crinkled Hop-bush 134
 Crinoid-associated worm
 Crinoidea 139
Critesion murinum ssp. *glaucum* 135
 Crouanieae 206
 Cruciferae 91, 134, 135
 Cruise search 146
 Crustacea 18, 54, 179, 198
Cryptandra tomentosa 97
 Cryptic species-Scincidae 74
Cryptoblepharus australis 133, *pulcher* 133
Cryptonemia undulata 206
 Cryptophallinae 21
Cryptosporidium 114
 Ctenophora 63
Ctenophorus fionii 132, 133
Ctenotus brooksi 65, 74, subsps. *aranda* 74, subsps. *brooksi* 74, subsps. *euclae* 74, subsps. *iridis* 74, subsps. *taeniatus* 74, *calurus* 74, *leonhardii* 74, *pantherinus* 65, *schomburgkii* 74, *strauchii* 74, *taeniatus* 74
Cubaia 63
 Cuculidae 133
Cucumis myriocarpus 134
 Cucurbitaceae 134
 Cudweed 91, 134
Culex annulirostris 201, 202, 203, *australicus* 15, 16, 201, 202, *globocoxitus* 15, 16, 202, *molestus* 202, *quinquefasciatus* 201, 202, 202, spp. 204
 Culicidae 15, 16, 201, 202, 203, 204
 Cultural change 104
 Cultural heritage 124
 Cupressaceae 134
Cupressus macrocarpa 134
Curdiea angustata 8, *obesa* 8
 Curly Ryegrass 91, 134, 135
 Currents-marine 116
 Cushion Centrolepis 134
 Cushion Fanflower 134, 135
 Cushion-bush 135
 Cyanophyta 8, 206
Cyathospirura dasyuridis 114
Cyclodomorphus melanops 132, 133
Cyclodontostomum purvisi 155
 Cyclopoida 194
Cyclorana australis 27
Cyclostrongylus irma 2
Cylicospirura felineus 114
Cymadusa spp. 70
Cymodoce coronata fusiformis 70
Cymodocella anklyosaura 70
Cynodon dactylon 91, 134
Cynoglossum austral 134
 Cyperaceae
 Cyperaceae 97, 134
Cyphaeleus carteri 98, *formosus* 98, *mastersi* 98, *Cyphaleus georgemastersi* 98
 Cyprinidae 67, 198
Cyprinus carpio 67, 158
Cyproidea ornata 70
Cyrtostylis robusta 134
 Cystocloniaceae 8, 206
 Cystoosidae 106
Cystophora 5, 146, *brownii* 6, 7, 206, *expansa* 6, 206, 7, *gracilis* 6, 206, *intermedia* 8, 206, *monilifera* 6, 7, 8, 206, *moniliformis* 6, 7, 8, 206, *pectinata* 7, 206, *platylobium* 6, 7, 8, 206, *retorta* 6, 8, 206, *siliquosa* 8, spp 6,76, 143, 181, *subfarcinata* 6, 7, 206
 Cystoseiraceae 8, 206
- D**
Dacelo novaeguineae 126
Dactylophora nigricans 144, 147, 148
 Dalhousie catfish 67
 Dalhousie goby 67
 Dalhousie hardyhead 67
 Dalhousie purple-spotted gudgeon 67
Danthonia caespitosa 135, sp. 97
 Darwin, Charles 100
 Darwinellidae 162
Dasya baldockii 8, 206, *clavigera* 206, *cliftonii* 206, *naccarioides* 206, *villosa* 206
 Dasyaceae 8, 206
 Dasyatid ray 35
Dasyornis broadbenti 126
 Dasyphileae 8
 Dasyopogoninae 88, 89
Dasythamniella plumigera 206
 Dasyuridae 127, 133, 167
Dasyurus geoffroii 126, 133, *maculatus* 32, 126, 127, 127, sp. 127, *viverrinus* 32, 126, 127
 Dating methods 123
Daucus glochidiatus 134, 135
 Davaineidae
 Davaineidae 110, 111
Daviesia leptophylla 97, *ulicifolia* 97
 Decapoda 198
 Degen's leatherjacket 144
 Delesseriaceae 8, 206
 Delesserioidae 206
Delisea elegans 206, *hypneoides* 6, 7, 8, 206, *pulchra* 6, 7, 8, 206
Delma butleri 132
 Delphinidae 40
Delphinus delphis 64
 Demosponge biodiversity 161
 Dendroceratida 162

- Dendrolagus bennettianus* 24, 151, *dorianus* 24, 151,
goodfellowi 151, *inustus* 151, *lumholtzi* 151, *mbaiso* 151,
scottae 151
 Dense Stonecrop 135
 Desert goby 67
 Desert rainbowfish 67
 Desert Spear-grass 134
Desmacella sp. 162
 Desmacellidae 162
 Dharumbal 31
 Diamond 174
Dianella brevicaulis 135, *revoluta* var. *divaricate* 134,
revoluta var. *revoluta* 91
Diaprepocoris barycephala 198
Dicathais orbita 17
Dichondra repens 210
Dicranema revolutum 206
 Dicranemataceae 8, 206
Dicrotendipes sp. 198
 Dicruridae 133
 Dictyoceratida 162
Dictyodendrilla cf. *dendyi* 161
Dictyomenia tridens 206
 Dictyonellidae 162
Dictyopteris muelleri 8, 206
 Dictyosiphonales 206
Dictyosphaeria sericea 206
Dictyota diemensis 8, 206, *naevosa* 206, *radicans* 206
 Dictyotaceae 8, 206
Dictyota furcellata 206
 Dictyotales 8, 206
 Dictyoteae 8, 206
 Dieback 4
 Digenea 49
Digitaria violascens 91
 Dilleniaceae 97
Dillwynia hispida 97, *sericea* 97
Dilophus angustus 206, *fastigiatus* 206, *gunnianus* 206, 6,
robustus 206, sp. 7
Dilophus fastigiatus 8
 Dingiso 151
Dinolestes lewini 144, 147
Diocotylus chabaudi 106, *denisoniae* 106, *hughjonesi* 106,
wittei 106
Diodon nichthemerus 147
Diomedea melanophris 133
 Diomedidae 133
Diplacodes bipunctata 198, *haematodes* 198
Diplocladia patersoni 146
Diplotaxis tenuifolia 134
Diprotodon 94, 123
Diprotodon australis 126, *optatum* 127
 Diprotodontia 113
 Diprotodontidae 127
 Diptera 14, 15, 16, 85, 86, 88, 89, 198, 201, 202, 203, 204
Dipylidium caninum 114
 Dismal Swamp 185
Disphyma crassifolium ssp. *clavellatum* 91, 134, 135, 210
Dissocarpus biflorus var. *biflorus* 135
Distichlis distichophylla 134
Distromium flabellatum 8, 206, *multifidum* 8, 206
Ditria expleta 206
Ditrichia graveolens 134
 DNA phylogeny-Eucalypt 199
 DNA sequencing CO1 196
Dodonaea baueri 134, *viscosa* 97, *viscosa* ssp. *spatulata* 134,
 135
Dolfusiella michiae 35, *ocallaghani* 35
 Dolphin 64
Dorcopsinema dorcopsis 151, *simile* 151
Dorcopsis hageni 20, 151, *luctuosa* 20, 151, *muelleri* 151, spp
 24
Dorcopsulus vanheurni 151
 Doria's tree kangaroo 151
Dorscopsinema dendrolagi 151, *mbaiso* 151
 Dorylaimida 71, 109
 Dorylaimidae 109
 Dorylaimids 213
Dorylaimus baylyi 109, *miser* 109, *monohystera* 109,
perfectus 109
Dotalabrus aurantiacus 144, 147
 Double-banded Plover 133
 Downwelling circulation 184
Doxodasya bolbochate 206
Drechslera sp 121
 Drift bottles 116
Dromaius novaehollandiae 111, 112, 127, 126
 Drooping Sheoak 91, 134
Drosera stricticaulis biogeography 45
 Droseraceae 45
 Drought 117
 Dry Creek 29
 Dryland Tea-tree 134, 135
Drysdalia mastersi 132
Dulchia sp. 70
 Dumontiaceae 206
 Dusky morwong 144, 147, 148
 Dusky pademelon 151
 Dust storms 177
 Dwarf Arrowgrass 135
 Dwarf flathead gudgeon 67
 Dwarf galaxias 67
 Dwarf Skink 132, 133
 Dwarf Trachymene 134
 Dwarf Twinleaf 134
Dynamena quadridentata 188
Dynamenella parva 70
Dynamenopsis obtusa 70
 Dynastin 1 27
 Dysentery Bush 135
Dysidea sp. 162
 Dysideidae 162, 193, 195, 196
 Dytiscidae-stygobitic 194

E
 Eagle ray 147
 Earthworms 100
 Eastern Curlew 133
 Eastern grey kangaroo 151
 Eastern pygmy-possum fossil 68
 Eastern Rainbow fish 156
 Eastern Reef Egret 133
 Eastern white-eared giant rat 152
Echinocathria leoporina 161
 Echinodermata 139
Echinodictyum mesenterinum 161

- Echinoida 17
 Echinometridae 17
Echinosporangium semipennatum 206
Echium plantagineum 210
Echonitor nr *cyrtochilus* 198
Ecionemia sp. 1 162, sp. 2 162, sp. 3 162
Ecklonia radiata 5, 6, 7, 8, 76, 143, 206, spp. 181
 Ecnomidae 198
Ecnomus cygnitus 198, sp. 198
 Ecological preferences 43
 Ectocarpaceae 206
 Ectocarpales 206
Ectopleura dumortieri 63, *guangdongensis* 63, *minerva* 63, *octagona* 63, *sacculifera* 63, sp. 63, *wrighti* 63, *xiamenensis* 63
 Edgeworth, David E. 48
Edmondsacanthus blairi 156
Egernia depressa 65, *hosmeri* 95, *inornata* 65, *multiscutata* 132, 133, *richardi* 132, 133, *striata* 65, *whitii* 126, 127
Egretta novaehollandiae 133, *sacra* 133
Ehrharta longiflora 130, 134
Eimeria trichosuri 113
 Eimeriidae 113
Einadia nutans 210, *nutans* ssp. *nutans* 134
 Elapidae 127, 132, 133
 Elasmidae 141
 Elasmobranchs 35
Elasmus 141
 Elegant Spear-grass 135
 Eleotridae 67
Elisiella arbuscula 8
Elymus multiflorus 91, *scaber* var. *scaber* 134
 Emu 111, 112
 Emu Bay 64
 Emu-grass 91, 134
Emydura krefftii 61, *macquarii* 126
Enchylaena tomentosa 210, *tomentosa* var. *tomentosa* 91, 134, 135
 Encounter Bay 143
Encyothalia cliflonii 206
 Encyrtidae 4
Enochrus eyrensis 198
 Enoplea 171
Enoplosus armatus 144, 147, 148
Enteromorpha clathrata 8, *intestinalis* 8
 Entoprocta 187
 Environmental change 66
 Eogastropoda 17
 Epacridaceae 97, 134, 135
Epacris impressa 97
Eperetmus 63
 Ephemeroptera 198
Ephthianura tricolor 133
 Ephyridae 198
 Epiphytes 34
 Epitoniidae 17
 Epping Forest National Park 157
Ephthianura albifrons 133
 Erect Goosefoot 134
Eremophila deserti 134, 135, *glabra* ssp. *glabra* 135
Eretmochelys imbricata 120
Erica cinerea 180, *glandulosa* 180
Erichthonius sp. 70
Erigona prominens 198
Erodium botrys 134, *cicutarium* 134, 135
Erythroclonium angustatum 206, *muelleri* 206
 Estuary perch 67
Eubalichthys bucephalus 147, *cyanoura* 144, 147, 147, *mosaicus* 147
 Eucalypt DNA phylogeny 199, *brachyandra* 199, *camaldulensis* 134, *deglupta* 199, *globulus* 141, *globulus* ssp. *bicostata* 183, *gomphocephala* 134, *gracilis* 134, *howittiana* 199, *largiflorens* 119, *macrorhyncha* 72, *minutifructus* 199, *nitens* 141, *raveretiana* 199, *socialis* 117, *yalatensis* 135
Euchiton sphaericus 91, 134
Eucoleus aerophilus 168, *potoroi* 168
Eudendrium curumbense 188
Eudyptula minor 132, 133, 184, 210
Euidotea sp. 70
Eulamprus quoyii 95, *tympanum* 126
Eupetrichthys angustipes 144, 147
Euphorbia myrsinites 134, *paralias* 134, 135, 91, *terracina* 134
 Euphorbiaceae 91, 134, 135
Euptilota articulata 8, 206
 Eurasian Songlark 133
 European perch 67
 European settlement 29
Eurytoma 50
Euselia pileata 17
Eusiridae sp. 70
Eutaxia microphylla 97
 Eutetrarhynchidae 35
 Evanioidea 78
 Ewens Ponds 127
Exallosorus olsenii 8
Exocarpos aphyllus 134, 135, *cupressiformis* 97, *syrticola* 134
Exocelina abdita 195, *rasjadi* 195
 Expected lifetime 92
 Experimental design 100
 Eylaidae 198
Eylais sp. 198
 Eyre Peninsula 55, 56
- F**
 Fabaceae 97, 118
 Fairy Shrimp 179
 Fairy Tern 133, 210
Falco berigora 126
Falco cenchroides 132, 133
Falco peregrinus 132, 133
 Falconidae 132, 133
Falkenbergia stage of *Asparogopsis armata* 206
 False Brome 134
 False Caper 134
 False Hawkbit 91
 False Sow-thistle 91, 134
 Fan samphire habitat 43
 Fan-tailed Cuckoo 133
 Fat Hen 134
Favonigobius lateralis 66
 Fawn-footed Melomys 169
 Feather Spear-grass 134
 Felidae 133
Felis catus 114, 126, 133
 Felspar 28

- Felted Wallaby-bush 135
 Fenelon Islands 6
Fenestraspongia sp. 162
 Feral cat 114
Fergusobia 50
Fergusonina 50
Fergusonina/Fergusobia galls 50
 Fern Grass 134
 Ferricrete 28
 Filarioidea 170
Filellum antarcticum 188
 Fine-hairy Spear-grass 134
 Fire ecology 134
 Firestick farming 29
 Fish 35, foraging ecology 145, habitat 145, movement 75, tagging 75, fresh water 160
 Fisurellidae 17
Flabellina poenicia 17
 Flatback mangrove goby 66
 Flatback turtles 120
 Flathead gudgeon 67
 Flaxleaf Fleabane 91
 Fleshy Saltbush 134, 135
 Fleurieu Peninsula 77, 108
 Flinders 3
 Flinders Current 116
 Flinders Island 34, 105, 143
 Flinders Island Sand 174
 Flinders Island stone implement 81
 Flinders Ranges geology 48
 Flinders Ranges purple-spotted gudgeon 67
 Flinders, Matthew 135
 Flood regime 164
 Floristic patterns 97
 Fly-specked hardyhead 67
 Foraging behavior in Scalyfin 146
 Foraging ecology 145, -Herring Cale 143,
 Foraging flights 58
 Foredunes 56
 Fork-tailed Swift 133
 Formicidae 102, 103, 142
 Formicinae 102
 Fossil Cave 127
 Fossil *Cercartetus* 68
 Fossil molluscs 108
 Fossil pygmy possum 68
 Fossil shelduck 207
 Foucault pendula oscillatory period 41
 Four-leaf allseed 91
 Four-toed Earless Skink 132, 133
Frankenia foliosa 57, *pauciflora* var. *fruticulosa* 135, 134, 91, *serpyllifolia* 135, 57, *sessilis* 134, 135
 Frankeniaceae 91, 134, 135
 French Catchfly 134
 Fresh water fish 160
 Freshwater catfish 67
 Freshwater turtle 61
 Fringed Everlasting 134
 Fringe-fruit Pennywort 134
 Frog census 185
 Fucales 8, 206
Fumaria capreolata 210 *capreolata* ssp. *capreolata* 135
 Fumariaceae 135
 Fungi and turtle nests 121
 Fungi-turtles 120
Fusarium semitectum 121, *trichothecioides* 121
 Fuzzweed 134
 Fuzzy New Holland Daisy 134
- G**
Gabophlias sp. 70
 Gabulbarra 31
 Gadopsidae 115
Gadopsis bispinosus 115, *marmoratus* 115, 67
 Galah 133
Galaxaura marginata 206
 Galaxauraceae 206
Galaxias brevipinnis 67, *maculatus* 67, *olidus* 67, *rostratus* 67, *truttaceus* 67
Galaxiella pusilla 67
 Galaxiidae 67
Galenia pubescens 210, *pubescens* var. *pubescens* 134
 Galeommatidae 17
Galinula tenebrosa 126
Galium gaudichaudii 134, *murale* 134, *spurium* ssp. *ibicinum* 135
 Gall initiation 130, inquilines 50, midge 85, 86
Gallinago hardwickii 126
Gallinula mortierii 126, 127
Gallirallus philippensis 126, 127, 132
 Galls 50, 52
Gambusia holbrooki 67
 Gammaridean amphipods 70
Gammaropsis sp. 70
 Gammon Ranges 88
 Ganggalida 104
 Gangulu 31
 Ganulu 31
 Gara Gara 31
 Garford Formation 174
 Garynbal 31
 Gastropoda 34, 198
Gattya balei 188, *pinnella* 206
 Gawler Craton 36, 62, 77, 208
 Gawler Ranges 89
Geijera linearifolia 134, 135
 Gekkonidae 95, 132, 133
 Gelidiaceae 8, 206
 Gelidiales 8, 206
Gelidium australe 8
Gelinaria ulvoidea 206
 Gentianaceae 134, 135
Genyornis newtonii 126
Geocrinia 126, *laevis* 126, 185
 Geometridae 141
 Geomorphology 39
Geotria australis 67
 Geotriidae 67
 Geraniaceae 91, 134, 135
Geranium solanderi 91
 Germination rates 57
 Giant white-tailed rat 169
Giardia 114
Gigartina brachiata 8, *densa* 6, 8, 206
 Gigartinaceae 8, 206

Gigartinales 8, 206
 Gippsland 16, 213
 Gippsland Lakes 15
Giraudya robusta 206
 Giraudyaceae 206
Girella tricuspidata 144, zebra 144, 146, 147, 148
Gitanopsis sp. 70
 Giya 31
 Glass goby 66
Gliciphila melanops 133
 Globefish 147
Gloiocladia australe 206, sp. 206
Gloiophloea scinaoides 206
Gloiosaccion brownii 206
Glorandaniotes sandroi 18
Glossiphonia sp. 198
 Glossiphonidae 198
Glossophora nigricans 8, 206
 Glover's hardyhead 67
 Glyptapanteles 141
Glyptophysa tenuilrata 198
Gnaphalium indutum 134
Gnathia sp. 70
 Gnathostomatoidea 53
 Gobiidae 66, 67
Gobiopterus semivestita 66
 Godman's rock-wallaby 151
 Goethite 28
 GoldenWhistler 133
 Goldfish 67
 Gonadosomatic index (GSI) 158
 Gondwana 71
 Goniasteridae 17
Goniocyclops uniarticulatus 194
Gonionemus 63
Gonocarpus humilis 97, *tetragynus* 97
Goodenia varia 91, 134
 Goodeniaceae 91, 134, 135
 Goodfellow's tree kangaroo 151
Gopalus 71
Gossea 63
 Gracilariales-Gracilariaceae 8
Grallina cyanoleuca 126
 Graminae 91, 134, 135
Granata imbricata 17
 Granitic xenoliths 36
 Grant Hall 32
 Grant Hall Cave 127
 Grantiidae 162
 Grassland Melomys 169
 Grave sites 124
 Great Australian Bight 147, 16, meso-zooplankton 184
 Great Brome 91, 135
 Green Cockscorn 134
 Green sea turtle 120
 Green Waterhole Cave 127
Grevillea 13, *lavandulacea* 97
 Grey dorcopsis 151
 Grey Saltbush 91, 135
 Grey Samphire 91, 134, 135
 Grey Teal 133
Griffithsia elegans 8, *monilis* 206, *teges* 206
 Griffithsieae 8, 206

Grizzled tree kangaroo 151
 Guano mining 124, -Investigator Group islands 87
 Gudjal 31
 Gulf St Vincent 33, 177
Gulsonia annulata 206
 Gungabula 31
 Gunn's leatherjacket 147
 Guttatin 1 27, 2 27, 3 27
 Guynmal 31
Gymnangium ascidioides 188, *humile* 188, *proliferum* 188, *superbe* 188
Gymnorhina tibicen 126, 127, 133

H

H4 chondrite 73, 209
 Habitat- *Tiliqua adelaidensis* 165
 Hadromerida 162
 Haematopodidae 132, 133
Haematopus fuliginosus 132, 133, *longirostris* 133
 Haemogregarinidae 37
Haiameira pori 194
Hainardia cylindrica 91
 Hairy Angianthus 135
 Hairy Centrolepis 134
 Hairy Plantain 91
Hakea 13, *rostrata* 97, *rugosa* 97, *ulicina* 97
Halecium delicatulum 188, sp. 188
Halletta semifasciata 144
Haliaeetus leucogaster 132, 133
 Halichondrida 162
 Halichondriidae 162
 Haliotidae 17
Haliotis rubra 17
Haliplus sp 198
Haliptilon roseum 6, 7, 8, 206
 Hallett Cove 123
Haloniscus sp. 194
Halophila 5, 33, *australis* 34
Haloplegma preissii 206
Halopteris paniculata 8, *pseudospicata* 206, *pseudospicata* 8
 Haloragaceae 97
Halosarcia halocnemoides ssp. *halocnemoides* 91, 135, *indica* 135, *pergranulata* 91, *pergranulata* ssp. *pergranulata* 135, *pruinosa* 135, sp. 91
 Halplidae 198
Halymenia muelleri 206, *plana* 8, 206
 Halymeniaceae 8, 206
Halymenia floresia subsp. *harveyana* 206
 Hanson, Richard 100
Haplodasya urceolata 8
 Haplosclerida 162
Haraldiophyllum erosum 8
 Hard-headed Daisy 135
 Hare's Ear 135
 Hare's Tail Grass 91, 134
 Harlequin fish 144, 148
 Harpacticoida 194
Haswellia emarginata 70
 Hattah Lakes 164
 Hattah-Kulkyne National Park 117
 Hawksbill turtle 120
 Haystack Island 5, 147
 Heard Island 18
 Heart worm-kangaroo 170

- Heath Bluebush 135
 Heath Goanna 133
 Heavy metal bioavailability 138
 Hedge Mustard 135
 Helicarionidae 198
Helichrysum leucopsideum 134, 135
Heliconema longissima 79
 Heligmonellidae 150, 152, 155
Heliocidaris erythrogramma 17
Heliotropium europaeum 134
Helligmonoides mirzae 155
Helminthocladia australis 8
Helminthora australis 146
Hemianax papuensis 198
Hemichroa diandra 135, *pentandra* 134
Hemicordulia tau 198
 Hemicorduliidae 198
Hemiergis peronii 132, 133
 Hemiptera 4, 198
Hemitedania anonyma 161, sp. 162
Hennedya crispa 206
 Henschke's Komatsu Cave 127
 Henschke's Quarry Fissure Fill 127
Hepatojarakus fasciatus 155, *pycnofasciatus* 152, 155
Hepatozoon muris 37, *tachyglossi* 37
 Herbert's rock wallaby 151
 Herbivorous fish 143
Herdmania momus 188
 Heron Island 120, 121
Herpetoma pumilo 17
Herposiphonia elegans 205, 206, *monilifera* 206
 Herposiphoniaceae 8, 206
Herposiphoniella plurisegmenta 8, 206
 Herring Gale 144, 147, -foraging ecology 143
 Heterakidae 155
Heterakis spumosa 155
Heterocephalous 109
Heteroclinus johnstoni 147
Heterocyphon annularis 192, *aquilonaris* 192, *australis* 192, *cooloolaensis* 192, *decussatus* 192, *elongatus* 192, *keiraensis* 192, key 192, *montanus* 192, *occidentalis* 192, *serratus* 192, *spencei* 192, *tasmanicus* 192, *thunguttiensis* 192, *triangularis* 192
Heterodoxia denticulata 206
Heteronotia 95, *binoei* 132
Heteropelma scaposum 141
Heterosiphonia gunniana 8, *microcladioides* 8, *muelleri* 206, sp. 146, *wrangelioides* 206
 Heterothamniaeae 8, 206
 Heterozostera 5
Heterozostera nigricaulis 34, *polychlamys* 34, *tasmanica* 34
Heterozostera seagrass 177
Hexaphilia 63
Hibbertia acicularis 97, *sericea* 97, *stricta* 97, *virgata* 97
Hibiscus brachysiphonius 119
 Hiltaba Suite 36
Himantura draco 35, *jenkinsii* 35, sp. 35, *toshi* 35, *undulata* 35
Hincksella cylindrica 188
Hinksia mitchelliae 206
 Hirudinea 198
 Hirundinidae 127, 132, 133
Hirundo neoxena 126, 127, 132, 133
 Histological staging of ovaries 158
 History-Investigator Group islands 87
Hoho marilla 70
Holopneustes inflatus 17
Holopsamma laminaefavosa 161, 162, sp. 162
Homoeostrichus sinclairii 6, 7, 8, 206
 Honan's Scrub 185
 Hooded Plover 132, 133
 Hop Clover 134
Hordeum glaucum 134, *leporinum* 91, 210, *marinum* 134
 Horehound 134
Hormomya erosa 17
Hormosira banksii 8, 206
 Hormosiraceae 8, 206
Hornelliella annandalei 25
 Horseshoe leatherjacket 144, 146, 147
 Horsfield's Bronze-Cuckoo 133
 Hottentot Fig 91
 House Mouse 133
 House Sparrow 133
 Howchin, W. 48
 Humpback whales 84
Hyale sp. 70
Hydrachna sp. 198
 Hydrachnidae 198
Hydractinia americana 63, *apicata* 63, *areolata* 63, *australis* 63, *borealis* 63, *camea* 63, *dubia* 63, *meteoris* 63, *minima* 63, *minuta* 63, *ocellata* 63, *selenia* 63, *simplex* 63, sp. 63, *tenuis* 63, *tournieri* 63
 Hydrobatidae 132, 133
 Hydrobiidae 198, aff *Trochidobia* 194
Hydroclathrus clathratus 206
Hydrocotyle comocarpa 134, *medicaginoides* 134
Hydrodendron armatum 188, *australe* 188, *daidalum* 188
 Hydroid assemblage 188
 Hydroids 187
 Hydromedusae 63
Hydromys chrysogaster 126, 127
 Hydrophilidae 198
 Hygrocloatidae 198
 Hylidae 1, 127
 Hymedesmiidae 162
Hymenena multipartita 8, sp. 7
Hymeniacidon sp. 162
Hymenocladia usnea 206, *usnea* 6, 7
Hymenolobus procumbens 91, 135
 Hymenoptera 78, 102, 103, 142
Hyomys dammermani 152, *goliath* 152
Hyphydrus elegans 198
Hypnea charoides 146, *ramentacea* 7, 8, 146, 206, *valentiae* 8
 Hypneaceae 8
Hypochaeris glabra 134
Hypodontus macropi 157
 Hypoxidaceae 134
Hypoxis glabella var. *glabella* 134
Hypseleotris klunzingeri 67, sp. 1 67, sp. 3 67, spp. 67
Hyrtios erecta 161
 Hyrtl's catfish 67
I
 Ichneumonidae 141
 Ile des Pins 21
 Indian Hedge Mustard 134
 Indicator minerals 174
 Indonesia 79
 Infra red sky radiance 42

- Infra-red cloud detection 96
Inkyuleea mariana 8
 Innes National Park 17
 Insecta 88, 196, 198
 Intertidal Echinoderms 17
 Intertidal marine algae 8
 Intertidal Molluscs 17
 Investigator Group islands 5, basement lithologies 36, benthic habitats 105, fish 146, fish foraging 143, flora and vegetation 134, geology 136, history 87, islands 34, 81, 136, 174, macroalgal study 7, marine studies 136, Pycnogonidae 173, sponges 162, terrestrial ecology 136, vertebrate fauna 133
 Investigator Strait 177
Iotrochopsamma arbuscula 161
Iphimedia sp. 70
Ircinia sp. 162
 Irciniidae 162
 Iridaceae 134
Ischnochiton australis 17, *elongatus* 17, sp. 17, *variegatus* 17
 Ischnochitonidae 17
Ischnura heterosticta 198, sp. 198
Isdromas 141
 Island archaeology 104
 Island populations 104
 Isles of St Francis benthic macroalgae 181, 206, formation 137, geology 62, hydroids 188, marine conservation 137, marine protected area 137, Peracarid crustaceans 70, sealing 3, settlement History 3, shipwrecks 3, subtidal macroflora 6, understorey algae 76, whaling 3, crinoid 139, fish 144, plants and vegetation 135, vertebrate fauna 132, pelagic coelenterates 63
Isolepis congrua 134, *marginata* 134, *nodosa* 134, 185
Isodon 167, *obesulus* 32, 126, 127, 132, 133, 167
 Isopoda 54
Isopogon ceratophyllus 97
Isospora felis 114, *rivolta* 114
Ixodia achillaeoides 91, 97
- J**
Jania affinis 8, *micrarthrodia* 8, 206, *minuta* 206, *pulchella* 206, *pusilla* 206, *verrucosa* 8
Jasus edwardsii 116
 Javelin Frog 1
 Jewel beetles 13
Joeropsis sp. 70
 Johnston's weedfish 147
 Juncaceae 91
 Juncaginaceae 91, 134, 135
Juncus bufonius 91, *kraussi* 185
 Kaiadilt 104
- K**
Kalliapseudidae 70
Kallymenia cribrata 206, *spinosa* 206
 Kallymeniaceae 8, 206
 Kamptozoa 187
 Kangaroo Apple 134
 Kangaroo heart worm 170
 Kangaroo Island 77, 114
 Kangaroo Thorn 134
 Kangaroos 22
 Kanmantoo Group 77
 Kaolinite 28
Kapsulotaenia tidswelli 80
 Karkalla 91, 135
 Key-*Accolabass* 192, -Aphelenchoididae 72, -*Astraeus* spp 11, -Australian *Pseudopallene* 173, -*Heterocyphon* 192, -*Neosaropogon* 89, -*Odilia* 150, -Parasitaphelenchidae 72, -*Peneveronatus* 192, -*Pseudomicrocara* 190, -*Trymalium* 83
 Killer Whale 64
 Kimba meteorite 73
 Kimban Orogeny 36
 Kimberlite 174
 King George whiting 144
 King Island Melilot 91, 134, 135
 Knobby Club-rush 134
Kraftia dichotoma 206
 Krefft's frill goby 66
Kreisiella chrysocampa 65
 Kuitpo Forest 213
Kyphosus sydneyanus 144, 146, 147, 148
- L**
 Labiatae 91, 134, 135
Labiomulitplex potoroii 151, *billardieri* 151, 151, *constrictus* 151, *contiguus* 151, *eugenii* 151, *kimberleyensis* 151, *onychogale* 151, 151, *thylogale* 151, *uncinatus* 151
Labiosimplex aridus 151, *australis* 151, *bancrofti* 151, *bipapillosus* 151, *centralis* 151, *clelandi* 151, *communis* 151, *dendrolagi* 151, *flanneryi* 151, *godmani* 151, *inquirendum* 151, *irma* 151, *kungi* 151, *laterilabellosus* 151, *longispicularis* 151, *major* 151, *novaeaguineae* 151, *occidentalis* 151, *pearsonensis* 151, *petrogale* 151, *redmondi* 151, *robustus* 151, *territoriensis* 151, *thetidis* 151, *thomasa* 151, *turnbulli* 151
Labiostromylus arnhemensis 151, *eugenii* 157, *grandis* 151, *labiostromylus* 151, *nabarlekensis* 151
Lachnagrostis filiformis 91, 134
Lactuca serriola 91
Laelaps echidninus 37
 Laetificans group 71
 Lagoon goby 67
 Lagoon Saltbush 134
Lagorchestes conspicillatus 151, *hirsutus* 151, *leporides* 127, *leporides* 126
Lagostrophus fasciatus 126, 127, 133
Lagunaria patersonii 134
Lagurus ovatus 91, 134, 210
Laimaphelenchus australis 212, *heidbergi* 212, *pannocaudus* 212, *patulus* 212, *phloesini* 212, *pini* 212, *preissii* 211
 Laird-Gompertz growth model 175
 Lake Alexandrina 160
 Lake Eyre golden perch 67
 Lake Eyre hardyhead 67
 Lake Greenly 56
 Lake Malata 55, 56
 Lake's carp gudgeon 67
 Laminariales 8, 206
Lancetes lanceolatus 198
 Lardil 104
 Largemouth goby 66
 Largs Bay 176
 Laridae 132, 133
Larsia sp. 198
Larus novaehollandiae 132, 133, 210, *pacificus* 132, 133
 Larval densities 175
Lasea australis 17

- Lasiopetalum discolor* 134
Lasiorhinus krefftii 126, 157, *latifrons* 126, 32, sp. 127
 Laterite 28
Lates ealearifera 67
Latrunculia sp. 162
 Latrunculiidae 162
 Laurasia 71
Laurencia clavata 8, *elata* 206, *elata* 6, 7, 8, *filiformis* 6, 7, 8, 206, *majuscula* 8, spp 8
 Laurenciaeae 8, 206
Lavatera plebeia 135
Lawencia glomerata 135, *spicata* 135, *squamata* 135
 Lead smelter 138
 Leaf gall nematode 130
 Leafless Ballart 134, 135
 Leafy Peppercress 134, 135
 Leafy seadragon 148
 Leek Lily 91, 135
 Leeuwin Current 116
 Leguminosae 91, 134, 135
Leiocarpa plurisetia 135, *supina* 91, 134
Leiopotherapon unicolor 67
Leiosella sp. 162
Leipoa gallinacea 127, *ocellata* 127, 126
Lendenfeldia sp. 162
Lenormandia latifolia 206, *spectabilis* 206
Lepidium 118, *africanum* 134, *foliosum* 91, 134, 135, *hyssopifolium* 118, *monoplocoides* 118, *pseudoruderale* 118
 Lepidoptera 60, 141, 198
Lepidosperma carphoides 97, *laterale* 185, *laterale* 97, *semiteres* 97, *viscidum* 97
 Leporidae 133
Lepsiella flindersii 17, *vinosa* 17
 Leptoceridae 198
 Leptodactylidae 185
Leptophyllis conferta 8
Leptospermum myrsinoides 97, *prickly* (syn. *L. juniperinum*) 97
Lerista bougainvillii 126, *dorsalis* 132, 133, *edwardsae* 132, 133
 Lestidae 198
Leucophyta brownie 91, 134, 135
Leucopogon parviflorus 134, *revolutus* 134, *rufus* 97, *virgatus* 97
 Leucosolenida 162
Leucothoe gracilis 70, sp. 70
Liagora harveyana 8, 146, 206
 Liagoraceae 8, 206
Lialis burtonis 132
Liasis fuscus 106
 Libellulidae 198
Lichenostomus ornatus 133, *virescens* 132, 133
 Life expectancy 92
 Lighthouses-Investigator Group islands 87
 Liliaceae 91, 134, 135
Limbodessus amabilis 196, *atypicalis* 194, 195, *barwidgense* 194, 195, *bialveus* 195, *bigbellensis* 195, *capeensis* 196, *challaensis* 195, *compactus* 196, *cooperi* 194, 195, *cueensis* 195, *cunyuensis* 195, *dispar* 196, *eberhardi* 195, *exilis* 194, 195, *fridaywellensis* 195, *gemellus* 196, *gumwellensis* 194, *gumwellensis* 195, *hahni* 195, *harleyi* 194, 195, *hillviewensis* 195, *hinkleri* 194, 195, *inornatus* 196, *insolitus* 195, *jundeensis* 195, *karalundiensis* 195, *kurutjutu* 195, *lapostae* 195, *leysi* 194, *leysi* 195, *lornaensis* 195, *macrohinkleri* 194, 195, *macrolornaensis* 195, *macrotarsus* 195, *magnificus* 195, *masonensis* 195, *melitaensis* 194, *melitaensis* 195, *microbubba* 195, *micromelitaensis* 195, *micrommatoion* 194, 195, *millbilliensis* 194, 195, *mirandae* 194, *mirandae* 195, *morgani* 195, *murrumensis* 195, *nambiensis* 194, *nambiensis* 195, *narryerensis* 194, 195, *nyungduo* 195, *occidentalis* 195, 196, *ordinarius* 195, *padburyensis* 195, *palmulaoides* 194, *palmulaoides* 195, *phoebeae* 194, *phoebeae* 195, *pinnacensis* 195, *praelargus* 196, *pulpa* 195, *raeae* 194, *raeae* 195, *rivulus* 195, *rivulus* 196, *shuckardii* 196, *silus* 195, *surreptitius* 194, *surreptitius* 195, *sweetwatersensis* 195, *trispinosus* 195, *usitatus* 194, 195, *wilunaensis* 194, 195, *windarraensis* 195, *wogarthaensis* 195, *yandalensis* 194, 195, *yarrabubbaensis* 195, *yuinmeryensis* 195
 Limnocharidae 198
 Limnocnida 63
Limnodynastes 32, *depressus* 51, 182, *dumerii* 126, 185, *fletcheri* 51, 182, *peronii* 51, *tasmaniensis* 51, 126, 127, 182
 Limnodynastinae 51, 182
Limnoxenus zealandicus 198
 Lincoln Weed 134
 Line intercept transects 7
 Lined Worm-lizard 132, 133
 Linyphiidae 198
Lissanthe strigosa 97
Lissodelphis peronii 40
Litoria alboguttata 27, *bicolour* 1, *ewingi* 126, 127, 185, *inermis* 1, *microbelos* 1, *nasuta* 1, *rubella* 1, *tornieri* 1
 Little Black Cormorant 133
 Little Club-rush 134
 Little Grassbird 133
 Little Penguin 132, 133, 184, 210
Littorina acutispira 17, *unifasciata* 17
 Littorinidae 17
Lobophora variegata 206
Lobospira bicuspidata 8, 206
 Loggerhead Sea Turtle 120
 Loggerhead turtle 120
 Lokokalypodidae 187
Lolium loliaceum 135, *perenne* 91, 210, *perennex rigidum* 91, *rigidum* 91, 130, 134
Lomandra fibrata 97
 London Rocket 134
 Long snouted boarfish 144
 Long Stork's Bill 134
 Long-finned pike 144, 147
 Long-headed Poppy 134
 Long-nosed potoroo 168
 Long-rayed weed whiting 144
 Long-snouted boarfish 147
Lophosiphonia group 206, *prostrata* 206
 Lophothaliciae 8, 206
 Lottidae 17
 Love Creeper 134, 135
Loxomespilon spp 187
Loxosoma spp 187
 Loxosomatidae 187
Loxosomella spp 187
 Lucerne 134
 Luderick 144
 Lumholtz's tree kangaroo 151

- Lunettes 56
Lycium austral 134, 135, *ferocissimum* 90, 91, 134, 135, 210
 Lycosidae 198
- M**
Maccullochella macquariensis 67, *peelii peelii* 67
Macquaria ambigua ambigua 67, *australasica* 67, *colonorum* 67, *novemaculeata* 67, sp. 67
 Macquarie perch 67
 Macroalgae 33, 181
 Macroalgal assemblages 7
 Macroalgal communities-productivity 181, structure 181
 Macro-invertebrates 198
Macrolaimus spp. 213
Macronectes giganteus 132
 Macropidae 2
 Macropodidae 22, 30, 127, 132, 133, 151
 Macropodoidea 38
Macropostrongylus baylisi 30
Macropoxyuris 30
Macropus agilis 22, 151, *antelopinus* 151, *bernardus* 151, *dorsalis* 151, *eugenii* 22, 126, 132, 133, 151, *fuliginosus* 22, 38, 126, 127, 132, 151, *giganteus* 22, 32, 126, 127, 151, *greyi* 126, 127, *irma*, 2, 22, 151, *parma* 151, 22, *parryi* 22, 151, *robustus* 151, *rufogriseus* 22, 32, 126, 127, 151, *rufus* 22, 127, 151, 170, sp. 127, *titan* 126, 127
Macrostrongylus ingens 155
 Madtsoiidae 127
Maeotias 63
 Mafic enclaves 36
 Magpie perch 144, 146, 147, 148
Maireana oppositifolia 91, 134, 135
 Mallee Fringe-lily 134
 Mallee Hemichroa 135
 Mallee Pomaderris 134
 Mallee Riceflower 135
 Mallee Slider 132
 Mallee Snake-eye 132, 133
 Mallee vegetation 117
Malleus-Pinna bivalve assemblage 177
 Malta Thistle 134
Malva australiana 210, *behriana* 91, *dendromorpha* 210, 91, *parviflora* 91, 134, 135, *preissiana* 134
 Malvaceae 91, 134, 135
 Mammals 127
Mammanidula melomyos 155
Manorina melanocephala 126
Mansonia uniformis 204
 Maori wrasse 144, 147, 148
 Marbled Gecko 132, 133
 Marginellidae 17
 Mari language 31
 Marine algae 8
 Marine algal flora 205
 Marine benthic algae 206
 Marine bioinvasion 66
 Marine currents 116
 Marine pest 176
 Marine reserve system 17
 Marine sponges 162
Marrubium vulgare 134
Marsdenia australis 117
 Marsh Saltbush 91, 134
 Marshmallow 135
 Marsupialia 68
 Masked Lapwing 132, 133
 Masked Woodswallow 133
 Mass spectrometry 27
Mastacomys fuscus 32, 126, 127
 Master's Snake 132
Mastophorus muris 155
 Mawson, D. 47, 48
Maxvachonia chabaudi 65
Mazoyerella australis 146
Mecistobothrium johnstonei 35
Medeiothamnion halurum 146
 Medic Pennywort 134
Medicago polymorpha var. *polymorpha* 91, 134, 135, *sativa* 134, 210, *truncatula* 135
Mediterexis macho 18
 Mediterranean Catchfly 91, 135
Megadicylas 141
Megalanina 95, *prisca* 127
Megalibgwilia ramsayi 126, 127
Megalurus gramineus 133
 Megapodagrionidae 198
 Megapodiidae 127
Megaporus gardeneri 198 *hamatus* 198, larva 198
Megaptera novaeangliae 84
Melaleuca halmaturorum 210, *halmaturorum* 134, *lanceolata* 134, 135, *nesophila* 134, *quiquenervia* 50
Melanotaenia fluviatilis 67, *splendida* 156, *splendida tatei* 67
 Melanotaeniidae 67
Melanthalia absciss 8
Melilotus indica 91, 134, 135
 Meliphagidae 132, 133, 180
 Melobesioidea 206
Melomys burtoni 155, *burtoni* 169 *cervinipes* 155, 169, *rufescens* 155, spp. 197
Melomysstrongylus sepikensis 155
Melopsittacus undulatus 133
Menetia greyi 132, 133
Mesembriomys gouldii 169
Mesembryanthemum 91, *crystallinum* 134, 135, 210
Mesochorus 141
Mesodorylaimus rotundolabiat 109
 Meso-zooplankton-Great Australian Bight 184
Metacyclops laurentiisae 194
 Metagoniolihoidea 206
Metagoniolithon chara var. *chara* 206, *charoides* 6, *radiatum* 206, *radiatum* 6, 7, 8, *stelliferum* 8, 206
Metamastophora flabellata 8
Metasthenurus newtonae 127
Metathelazia caballeroi 167, *naghiensis* 167
 Meteorite-Kimba 73, -Myrtle Springs 209
Meuschenia flavolineata 144, *flavolineata* 147, *freycineti* 147, *galii* 144, 147, *hippocrepis* 144, 146, 147, *venusta* 144, 147
Micrastea aurea 17
 Microcionidae 162
 Microhylidae 128, 129
Microlaena stipoides 52
Micronecta sp 198
Micropeuceferedayae 206
 Micropterigidae 60
Micropterix calthella 60
Micropterix-group 60

- Microseris lanceolata* 91
Microtis arenaria 134, sp. 134
 Midgley's carp gudgeon 67
 Milkwort 134
 Mimosaceae 97
 Mingbool 185
Miniopterus schreibersii 126, 127, 168, sp. 127
Minutifructus 199
Misgurnus anguillieaudatus 67
 Mitchell's Short-tailed Snake
Mithippia aurita 98
Mitra badia 17
Mitrella pulla 17
 Mitridae 17
Mixonybelinia southwelli 25
 Miyan 31
Mnesampela privata 141
Mogurnda adspersa 67, *clivicola* 67, *thermophila* 67
 Molinaeidae 155
 Molineidae 152, 153, 154
 Mollusca 198
 Molluscs-fossils 108
 Molossidae 133
Monanema austral 169
 Monitoring River Health (MRH) Program 178
Monothea australis 188, *compressa* 188, *flexuosa* 188, *obliqua* 188, *spinulosa* 188
 Moonlighter 144, 146, 147, 148
 Moonta 47
 Moore drainage system 193
 Mopalidae 17
Moraea setifolia 134
Mordacia mordax 67
 Mordaciidae 67
Morelia amethystina 106, *spilot* 132
Morethia obscura 132, *obscura* 133
 Mosaic leatherjacket 147
 Mosquito abundance 16
 Mosquitos 202, 204
 Motacillidae 132, 133
 Mount Gambier 59
 Mount Lofty Ranges 82, 97
 Mount Painter 47
 Mountain galaxias 67
 Mt Bryan 183
 Mt Burr Forest 185
 Mt Isa 30
 Mt Lofty Ranges 77, 166
 Mt Sisa 128
Muehlenbeckia adpressa 135, *florulenta* 119, *gunnii* 91, 210
Muellerena wattsi 8
 Mueller's Saltbush 91, 134
Mugil cephalus 147
Mugilogobius platynotus 66
 Mullet 147
 Multiporous sensilla 60
 Murchison drainage system 193
 Muricidae 17, 127, 132, 133, 149, 153, 154, 167, 197
 Murids 153, 154
 Murray cod 67
 Murray Darling Basin 158
 Murray Darling carp gudgeon 67
 Murray Darling golden perch 67
 Murray galaxias 67
 Murray hardyhead 67
 Murray rainbowfish 67
 Murray River 164
 Murray-Darling Basin 118
Mus musculus 133
Muspicea borreli 171
 Muspiceida 171
 Myall Slider 133
Mycale (Arenochalina) mirabilis 162
 Mycalidae 162
Mychodea aciculare 206, *acicularis* 146, *australis* 206, *carnosa* 206, *gracilaria* 206, *marginifera* 8, *pusilla* 206, *ramulosa* 206
 Mychodeaceae 206
Myliobatis australis 147
 Myobatrachidae 51, 127, 182
 Myoporaceae 91, 134, 135
Myoporum insulare 91, 134, 135, 210, *parvifolium* 134
Myriodesma harveyanum 206, *integrifolium* 206, *quercifolium* 206
 Myrtaceae 97, 134, 135
 Myrtle Springs meteorite 209
 Myrtle Spurge 134
 Mytilidae 17
Mytilocypris sp. 198
Mytilus edulis 138
Myzostoma australe 139
 Myzostomida 139

N
 Nacellidae 17
 Nankeen Kestrel 133
Nannoperca australis 67, *obscura* 67, *variegata* 67
 Naracoorte 126
 Naracoorte Caves 32
 Narrow-leaf Spyridium 134
 Narrow-leaved Wilsonia 135
Natator depressus 120
 Native Apricot 134
 Native Carrot 134, 135
 Native Geranium 91
 Native Juniper 135
 Native Pigface 134
 Native Pine 211
 Native Sorrel 134, 135
 Native vegetation 90
 Native Wheat-grass 134
Natrix mairii 53
Nauarchus 63
 Naucoridae 198
Naucoris congregex 198
Neastacilla algensis 70
 Neat Spear-grass 135
Neatypus obliquus 144
 Nectar composition 180
Necterosoma penicillatum 198
Nectria sp. 17
Nemadactylus valenciennesi 144
 Nemaliales 8, 206
 Nemastomataceae 206
Nematalosa erebi 67
 Nematoda 14, 20, 30, 52, 53, 65, 71, 72, 79, 80, 93, 106 114

130, 149, 150, 151, 153, 154, 155, 167, 168, 169, 170, 171, 197, 211, 212, 213
Nematodirella dromedarii 14
Neochanna cleaveri 67
 Neoechinorhynchidae 122
Neoechinorhynchus ningalooensis 122
Neopeltopsis 186, *althorpensis* 186, *hicksi* 186, *pectinipes* 186
Neophema petrophila 132, 133, sp. 127
Neophoca cinerea 132, 133, 184
Neosaropogon (Lycotherates) harlequinus 89, *garamas* 89, *janforrestii* 89, *key* 89, *maculatus* 89, *minor* 89, *princeps* 89, *semirufum* 89
Neosiluroides cooperensis 67
Neosilurus gloveri 67, *hyrtlui* 67, *milii* 133, 132
Nerita atramentosa 17
 Neritic waters 58
 Neritopsidae 17
 Nettle-leaved Goosefoot 91, 134, 135
 New Caledonia 21
 New Holland Honeyeaters 180
 New Zealand Fur Seals 132, 133, 210
 New Zealand Spinach 134, 135
 Ngalia Basin 194
 Ngaro 31
 Nguri 31
Nicotiana goodspeedii 134, *maritime* 134
Nilobezzia sp. 198
 Ningaloo Reef 122
Ningauli yvonnae 126, 127
Ninox boobook 93 *novaehollandiae* 126
Nippostrongylus brasiliensis 155, *magnus* 155, *typicus* 155
Nirriparti arachnoides 193, *bulbus* 193, *byroensis* 193, *copidotibiae* 193, *dingbatensis* 193, *urypleuron* 193, *innouendyensis* 193, *macrosturtensis* 194, *megamacrocephalus* 194, *mesosturtensis* 194, *microsturtensis* 194, *napperbyensis* 194, *newhavenensis* 194, *septum* 194, 194, *tetramers* 194, *verrucosus* 193
 Nitophylloideae 8, 206
Nitraria billardiarei 91, 134, 135
 Nitre bush 91, 134, 135
Nizymenia conferta 8
 Nizymeniaceae 8
 Noarlunga hulafish 144
Nodilittorina praetermissa 17
 Norfolk Island Pine 134
 Northern bettong 151
 Northern Hairy-Nosed Wombat 157
 Northern nailtail wallaby 151
Notalina salina 198, *spira* 198
 Notched Onion-orchid 134
Notechis ater 132, *scutatus* 126
Notoacmea mayi 17, *petterdi* 17
 Notodromatidae 198
Notogibbula preissiana 17
Notolabrus parilus 144, *tetricus* 144, 146, 147, 148
Notomella candida 17
Notomys longicaudatus 127, *mitchelli* 32, 126, 127, sp. 127
 Notonectidae 198
 Notospidae 17
 Nudibranchia 17
Numenius madagascarensis 133
 Nuyts 3
 Nuyts Archipelago 5, 206, pelagic coelenterates 63

Nuyts volcanics 62
Nyctophilus geoffroyi 126
Nyctozoilus carteri 98, *geomastersi* 98, *jaystepheni* 98, *macleayanus* 98, *macleayi* 98, 98, *marginicollis* 98, 98, *mastersi* 98, 98, *obesulus* 98, *obesus* 98, *stepheni* 98
 Nymphalinae sp. 198
 Nymphulinae 198
O
 Oavainidae 155
Obelia spinulosa 188
 Obituary Bird, A.F. 26
 Obituary Paton, J.B. 101
 Obituary Thomas, P.M. 19
Oceanapia cf. *ramsayi* 161, sp. 162
Ochlerotatus alboannulatus 202, *alternans* 202, *camptorhynchus* 202, *eidsvoldensis* 202, *notoscriptus* 202, *rubrithorax* 202, *vigilax* 202
Ochlesia eridunda 70
Odax acroptilus 144, 147, 148, *cyanomelas* 143, 144, 147
Odilia bainae 155, *brachybursa* 155, *emmanualae* 155, 150, 152, *mackerrasae* 155, *mawsonae* 155, *melomyos* 155, *polyrhabdote* 155, *preaputialis* 155, *similis* 155, spp. 150
 Odonata 198
 Odonoceti 40
Oecetis spp. 198
Oesophagostomoides eppingensis 157
 Oestridae 14
 Offshore islands 210
 Oicroceolliidae 155
 Old Man Saltbush 134
 Old Man's Beard 134
 Old wife 144, 147, 148
Olearia axillaris 91, 134, 135, *ramulosa* 91, 97, 134 135
Olindias 63
Olisthops cyanomelas 143
 Olivine 209
Ollulanus tricuspidis 114
Omobranchus anolius 66
 Onchocercidae 155, 169
Oncicola pomatostomi 114
Oncomegas aetobatidis 35, *australiensis* 35
Oneorhynchus mykiss 67
 Onion-orchid 134
 Oniscidea 194
 Onkaparinga Catchment 178
 Onkaparinga River 166
Onychogalea fraenata 151, *lunata* 126, 127, *unguifera* 151
Oochoristica australiensis 65
Opalia australis 17
 Ophiactidae 17
 Ophiactis resiliens 17
Ophidascaris robertsi 155
 Ophionereididae 17
Ophionereis schayeri 17
 Ophiuroidea 17
Ophthalmolepis lineolata 148, 144, 147
Ora 189, *floccosus* 189, *improtectus* 189
 Orange-lined bullseye 144
 Orchidaceae 134
Orcinus orca 64
 Ordination 210
 Oreasteridae 17

Oriental weatherloach 67
Ornithorhynchus anatinus 166
 Orogeny-Kimban 36, -Sleafordian Miltalie Gneiss 36
 Orthodon group 71
 Orthogastropoda 17
Orthonyx hypsilophus 126
Orthopyxis caliculata 188, *crenata* 188
Oryctolagus cuniculus 126, 133
Osmundaria prolifera 6, 7, 8, 206
 Osprey 132, 133
 Ossuaries-Upper And Lower 127
Osteospermum fruticosum 134
 Ostracoda 198
Ostrea angasi 17
 Ostreidae 17
 Otariidae 132, 133
Othobotrium mugilis 23
Othos dentex 144, 148
Otionellina boneae 46, *nitida* 46
 Otobothriidae 23
Otobothrium arii 23, *dipsacum* 23
 Oval Purse 91, 135
Ovis aries 126, 132, 133
 Oxalidaceae 91, 134, 135
Oxalis perennans 134, 135, *pes-caprae* 91, 210
Oxyeleotris lineolata 67
 Oxyuridae 149, 155, 197
 Oyster blenny 66
 Oytiscidae 198

P

Pachycephala pectoralis 133
 Pachycephalidae 133
Pachycisseis bicolor 12
Pachydictyon paniculatum 6, 7, 8, 206
 Pacific Gull 132, 133
 Paddy Melon 134
Padina sanctae-crucis 206
Pagurapseudidae 70
 Palaeochannel 39
 Palaeodrainage 39, 193
 Palaeodrainage systems 194
 Palaeovalley 39
 Pale Turpentine Bush 134
Palinnotus sp. 70
Pallenella 172
 Pallenopsidae 173
Pallenopsis macneilli 173
Palorchestes azael 126, 127, *latifrons* 126, *parvus* 126
 Palorchestidae 127
 Palynology 174
 Panagrolaimida 72
Pandion haliaetus 132, 133
Papaver dubium 134
 Papaveraceae 134
 Papua New Guinea 79, 128, 153, 154
Parachironomus sp. 198
Parachristianella baverstocki 35, *indonesiensis* 35, sp 35
Paracilicæa hamata 70
Paracophorium excavatum 178
Paracymus pygmaeus 198
Paradexamine alkoomie 70, *churinga* 70, *frinsdorfii* 70, *goomai* 70, *marlie* 70

Paraheligmonoides singauwaensis 155
Paralabiostrongylus bicollaris 151
Paramerina sp. 198
Parandania boeckii 18
Parapharyngodon kartana 65
Parapholis incurva 91, 134, 135,
Paraplesiops meleagris 144, 147, 148
Paraproto spinosa 70
Parascyllium variolatum 147
Parascyphus simplex 188
Paraserianthes lophantha 134
 Parasitaphelenchidae key 72
 Parasite interaction 75
 Parasitic wasps 78
 Parastacidae 198
Parastacilla bakeri 70, *torus* 70
Parastylochus astis 21
Paratoxicum 98
 Paraxonchiinae 71
Paraxonchium orthodon 71, *rhamphionus* 71
Parazoniolum collaris 151
Parequula melbournensis 144, 147
Paridotea collingei 70
Parietaria debilis 91, 134, 135
Paristiopterus gallipavo 148
Parma victoriae 144, 146, 147, 148
 Parma wallaby 151
Paroniella appendiculatus 111
Paroster arachnoides 195, *bulbus* 195, *byroensis* 195,
copidotibiae 195, *darlotensis* 195, *dingbatensis* 195, *elongatus*
 195, *eurypleuron* 195, *fortisspina* 195, *hamoni* 195, *hinzeae*
 195, *innouendyensis* 195, *killaraensis* 195, *macrocephalus*
 195, *macrosturtensis* 195, *megamacrocephalus* 195,
melroseensis 195, *mesosturtensis* 195, *microsturtensis* 195,
milgunensis 195, *napperhyensis* 195, *newhavenensis* 195,
peelensis 195, *pentameres* 195, *plutonicensis* 195, *readi* 195,
skaphites 195, *stegastos* 195, *tetrameres* 195, *verrucosus* 195,
wedgeensis 195
 Parrotfish 122
 Parsley 91
 Partial eclipse phases 41
Passer domesticus 133
 Passeridae 133
Pastinachus sephen 35
 Pastoralism-Investigator Group islands 87
Patella peronii 17
 Patellidae 17
Patelloida alticostata 17, cf. *flammea* 17, *latistrigata* 17
Patiriella calcar 17
 Paton, J.B. Obituary 101
 Pearson Island 34, 36, 105
Pearsonema feliscati 168
Pecten alba 138
Pedicellina spp 187
 Pedicellinidae 187
Pedicellinopsis fruticosa 187
 Pedionomidae 127
Pedionomus torquatus 126, 127
Pelagadroma marina 133
 Pelagic coelenterates-St Francis Is and Nuyts Archipelago 63
 Pelagic fishes 175
Pelagodroma marina 132
Pelargonium austral 91, 134, 135 *hortorum* 134

- Pellitiidae 186
 Peloidal Grainstone 55
Peltasta australis 8
Pempheris klunzingeri 147
Pempheris multiradiata 144, 147, 148
Pempheris sp. 144
 Pencil weed whiting 144, 147, 148
 Pendula 41
 Pendulum clock 41
Peneveronatus actensis 192, *australis* 192, key 192, *macedonensis* 192, *tasmanicus* 192
Penicillium citrinum 121
 Peninsula Brown Snake 133
 Peninsula Dragon 132, 133
Pentaceropsis recurvirostris 144, 147
Pentaceropsis recurvirostris 148
 Peppercress 91
 Pepper-tree 134
 Peptides 27
 Peracarid crustaceans 70
Perameles bougainville 126, 127, 32, *gunnii* 32, 126, 127, *nasuta* 167
 Peramelidae 127, 132, 133, 167
Peramelistrongylus skedastos 155, sp. 155
 Percichthyidae 67
 Percidae 67
Perca fluviatilis 67
 Peregrine Falcon 132, 133
 Perennial ryegrass 91
Periclimenes aesopius 148
Perischelia glomerulifera 206
Perithamnion muelleri 206
Persoonia juniperina 97
Perthia spp 178
 Perthiidae 178
 PESA (Post-European Settlement Aggradation) 29
 Petauridae 127
Petauroides volans 126
Petaurus breviceps 126, 127, *orfolcensis* 127
Petrogale assimilis 22, *assimilis* 151, *brachyotis* 151, *coenensis* 151, *godmani* 151, *herberti* 151, *inornata* 151, *lateralis* 133, 151, *lateralis purpureicollis* 30, *penicillata* 22, *sharmani* 151, *xanthopus* 151
Petroica goodenovii 133
 Petroicidae 133
Petrorhagia dubia 134
Petroselinum crispum 91
Petrosia sp. 162
 Petrosiidae 162
Peyssonnelia capensis 8, 206, *foliosa* 7, 206, *joliola* 8, *novae-hollandiae* 8
 Peyssonneliaceae 8, 206
Pezoporus wallicus 126, 127
 pH 43
 Phacelocarpaceae 8, 206
Phacelocarpus apodus 8, *complanatus* 206, *peperocarpus* 8, *sessilis* 7
 Phaeophyta 8, 206
Phaethon rubricauda 133
 Phaethontidae 133
 Phalacrocoracidae 132, 133
Phalacrocorax carbo 133, *fuscescens* 132, 133, *melanoleucos* 126, *sulcirostris* 133, *varius* 132, 133
 Phalangeridae 113, 127, 133
Phaps chalcoptera 126, *elegans* 133
Pharyngodon kartana 65, *tiliquae* 65
Phascogale calura 32, 126, 127, *tapoatafa* 126, 127
 Phascolarctidae 127
Phascolarctos cinereus 126, 127, *stirtoni* 126, *stirtoni* 127
 Phasianidae 127, 132
Philypnodon grandiceps 67, sp. 67
 Phloeodictyidae 162
Phloiocaulon spectabile 8, 206
Phorbas sp. 162
 Phreatic calcite 55
 Phusalopteridae 155
Phycodurus eques 148
Phylidonyris albifrons 133, *novae-hollandiae* 180
 Phyllosoma transport 116
 Phyllotrichia 206
Physaloptera banfieldi 155
 Physalopteridae 79
 Phytal epifauna macroalgae 70
Pictilabrus laticlavus 144, 146, 147, 148
 Pidinga Formation 174
 Pied Cormorant 132, 133
 Pied Oystercatcher 133
 Pig's Ear 134
 Pigmy Daisy 134
 Pigmy purslane 91
Pimelea flava subsp. *dichotoma* 97, *glauc* 97, *linifolia* 97, *microcephala* ssp. *microcephala* 135, *octophylla* 97, *serpyllifolia* ssp. *serpyllifolia* 134, *Pimelea serpyllifolia* var. *serpyllifolia* 135
 Pimpernel 134
 Pinaceae 134
Pinctada sp. 17
 Pink Fairies 134
 Pink Purslane 134
Pinus halepensis 134, *pinaster* 213, *radiata* 212, 213
Piona sp. 198
 Pionidae 198
Piratuboides sp. 80
 Pisces 115
Pithecostrongylus anak 153, 154
 Pittosporaceae 97, 134
Pittosporum angustifolium 134
Plakarthrium australiensis 70
 Planorbidae 198
 Plantaginaceae 91, 134, 135
Plantago hispida 91, *varia* 134, *varia* 135
Platalea flavipes 133
Platycercus 126, sp. 127
 Platyhelminthes 21
Platylobium obtusangulum 97
Platynectes decempunctatus 198
Platynosomum australiense 155
 Platypus 166
Plaxiphora albida 17
 Pleated podolepis 91
 Pleistocene 123, 126
 Pleistocene Diprotodons 94
Pleonexes sp. 70
 Pleurodira 61
 Pliocene Diprotodons 94
 Pliocene fossil 207

- Plocamiaceae 206
 Plocamiaceae 8
Plocamium angustum 6, 7, 8, 206, *cartilagineum* 7, 8, 206, *costatum* 7, 8, *dilatatum* 8, *leptophyllum* 8, 206, *mertensii* 6, 7, 206, *preissianum*, 6, 7, 8, 206
 Plotosidae 67
 Plumbaginaceae 134
Plumbago auriculata 134
Plumularia filicaulis 188
Pluvialis squatarola 127
Poa fax 91, 135, *poiiformis* 135, *poiiformis* var. *poiiformis* 91, 134
 Poaceae 97
 Podargidae: 127
Podargus strigoides 127
Podocerus sp. 70
Podolepis rugata var. *littoralis* 91
Podotheca angustifolia 134
Poecilancistrum carophyllum 23
 Poeciliidae 67
 Poecilosclerida 162
Pogona barbata 127, sp. 127
Pogonolepis muelleriana 134
 Pointed Twinleaf 134
Pollexfenia pedicellata 206
 Pollination 180
Polycarpon tetraphyllum 91
Polycerea nigrescens 206
 Polychaeta 176
Polycheira antartica 70
 Polycladida 21
Polydelphis anoura 155
Polygala myrtifolia 134
 Polygalaceae 134, 135
 Polygonaceae 91, 135
Polygonum aviculare 210
 Polyidaceae 8
Polyopes constrictus 8
Polypedilum nubifer 198
Polypedilum sp. 198
 Polyplacophora 17
Polysiphonia crassiuscula 206, *decipiens* 8, 146, 206, *sertularioides* 8, 206
 Polysiphoniae 8
 Polysiphoniae 206
 Polyzonieae 206
 Pomacentrid 146
Pomaderris paniculosa 134, *paniculosa* ssp. *paralia* 135
Pontogeniella sp. 70
 Pooraka Formation 29
 Population censuses 92
 Population life tables 92
 Porifera 162
Porochilus argenteus 67
 Port Gawler 33
 Port MacDonnell 44
 Port River 66
 Portulacaceae 91
Portulacca oleracea 210
Coprosma repens 210
 Portulacaceae 134
Porzana fluminea 127
Posidonia 5, 33, *angustifolia* 34, *australis* 34, *coriacea* 34, *denhartogii* 34, *kirkmanii* 34, meadow 34, *ostenfeldii* 34, *sinuosa* 34, spp. 105
 Post-European Settlement Aggradation (PESA) 29
 Potato Weed 134
 Potoroidae 127, 132, 151
Potorostrongylus aepyprymnus 151, *finlaysoni* 151, *temperatus* 151, *tropicus* 151, *woyliei* 151
Potorous platyops 32, 126, 127, *tridactylus* 32, 126, 127, 151, 168
 Pouched lamprey 67
 Prairie grass 91
Pratylenchus crenatus 131, *neglectus* 131 *penetrans* 131, *scribneri* 131, spp 131, *teres* 131, *thornei* 131
 Pre-Cambrian quartzites 97, schists 97
 Preference assessment 210
 Presidential Address 200
Pretestis australianus 61, *laticaecum* 61
 Pretty polly 144
 Prickly Arrowgrass 91, 135
 Prickly Ground-berry 134
 Prickly Knawel 91, 134
 Prickly Lettuce 91
 Primates 153, 154
 Primulaceae 91, 135
 Procellariidae 132, 133
Prochristianella macracantha 35
Procladius sp 198
Procoptodon browneorum 127, *gilli* 127, *goliah* 32, 126, 127, *rapha* 126
Procyrnea dollfusi 93
Progamotaenia 24., *dendrolagi* 24, *ewersi* 22, *irianensis* 24, *ualabati* 22, *wallabiae* 24
Progona barbata 126
Progura naracoortensis 126, 127
Propallene sp. 173
Propleopus oscillans 126
Prostanthera behriana 97, *serpyllifolia* ssp. *serpyllifolia* 91
 Proteaceae 97
Protamnodon anak 126, *brehus* 126, 127, *roehus* 126, sp. 127
Protospirura kainiensis 155
Protosuberites sp. 162
Prototroctes maraena 67
 Protozoa 114
Psammocinia cf. *bulbosa* 161, cf. *vesiculifera* 161, sp. 162
Psammoclema sp. 162
 Pseudaphritidae 67
Pseudaphritis urvillii 67
Pseudechis porphyriacus 126
Pseudemoia baudini 133, *entrecasteauxii* 133
Pseudocaranx dentex 144, *dentex* 147, *wrighti* 144
 Pseudocheiridae 127
Pseudocheirus peregrinus 126, 127
 Pseudocheiridae 127
Pseudognaphalium luteoalbum 91, 134
Pseudogobius olorum 66, *olorum* 67
Pseudolabrus parius 147, *psittaculus* 144
Pseudolacistorhynchus nanus 25, *angulatus* 190, *anobioides* 190, *anthophilia* 190, *aquilonaris* 190, *atkinsoni* 190, *bawbawensis* 190, *beccus* 190, *buspinosus* 190, *cinctus* 190, *conniculatus* 190, *costellifera* 190, *dasyis* 190, *davidsoni* 190, *decipiens* 190, *desraeae* 190, *dixoni* 190, *elongate* 190, *elstoni* 190, *falsiparvus* 190, *hamoni* 190, *hangayi* 190, *hylaiois* 190, *infuscatus* 190, *inuitata* 190, key 190, *lamingtonensis* 190,

loftyensis 190, *maculiventris* 190, *megarhynchos* 190, *minor* 190, *montivagans* 190, *occidentalis* 190, *olliffi* 190, *orientalis* 190, *parvus* 190, *picta* 190, *rufusensis* 190, *sepiasimulatus* 190, *serratus* 190, *spencei* 190, *spilotus* 190, *thunguttiensis* 190, *triidos* 190, *variabilis* 190, *variegata* 190
Pseudomys apodemoides 126, 127, *auritus* 127, *australis* 32, 126, 127, *fumeus* 126, 127, *gouldii* 126, 127, *shortridgei* 32, 126, 127, sp. 127
Pseudonaja inframacula 133, *nuchalis* 126
Pseudopallene ambigua 172, *brevicephala* 173, *inflata* 172, *inflata* 173, *inflatus* 107, Key 173, *laevis* 172, *pachycheira* 172, *pachycheira* 173, *reflexa* 172, 173, *watsonae* 107, 172, 173
Pseudoraphus spinescens 185
Pseudostegias setoensis 54
Pseudotobothrium arii 23, *dipsacum* 23
Psittacidae 127 132, 133
Pteriidae 17
Pterobothrium australiense 35, *platycephalum* 35
Pterocladia lucida 8, 206
Pterocradiella capillacea 8
Pteromalidae 141
Pterosiphonia sp. 7
Pterosiphoniae 206
Pterothamnidae 8, 206
Pterothamnion yancisianum 206
Ptilocladia pulchra 7, *vestita* 206
Ptilometra macronema 139
Ptilonia australasica 8
Ptiloteae 8, 206
Ptilotus spathulatus 134
Ptychaphelenchus eucalypticola 72
Puccinellia stricta var. *stricta* 135
Puccinia myrsiphylli 44
Puffinis pacificus 121, *tenuirostris* 58, 90, 107, 132, 133
Pultenaea daphnoides 97, *involuta* 97, *largiflorens* 97
Punctariaceae 206
Punty bush 85
Purple-leaf Groundsel 134
Pussy-tails 134
Pycnogonida 172
Pycnogonidae 173
Pycnogonum aurilineatum 173
Pycnotheca producta 188
Pygmy bluetongue lizard 165
Pygopus lepidopodus 132
Pyralidae 198
Pyramid Tree 134
Pyroxene 209

Q

Quadrimaera viridis 70
Quartz 28
Quasimodia sp. 70
Quaternary 126, palaeoclimate 55
Qudsianematinae 71
Quokka 2

R

Rabbit 133
Racemisation-amino acid 108
Radium Hill 47
Radopholus crenatus 131, *nativus* 131, spp 131

Raillietascaris varani 80
Raillietina australis 111, 112, *beveridgei* 111, 112, *casuarii* 110, *celebensis* 155, *chilton* 111, *chiltoni* 112, *dromaius* 111, 112, *fuhrmann* 110, *geraldschmidtii* 110, *infrequens* 110, *mitchelli* 111, 112
Rainbow cale 144, 147, 148
Rainbow trout 67
Rainfall and Arbovirus 16
Rainfall-sulphate accession 82
Ralfsia verrucosa 8
Ralfsiaceae 8
Rallidae 127, 132
Ralpharia magnifica 188
Random Amplified Polymorphic DNA 183
Ranellidae 17, 34
Rankinia diemensis 127
Ranunculaceae 134
Ranunculus 185
RAPD 183
Raspailia (Raspailia) atropurpurea 161
Rats' tail Fescue 134
Rattus fuscipes 126, 127, 132, 133, *leucopus* 149, 150, 197, *lutreolus* 126, 127, *rattus* 133, sp. 127, *tunneyi* 126, 127
Recreational fishing 75
Red Brome 134, 135
Red kangaroo 151
Red mullet (goat fish) 144, 147, 148
Red Sand-spurrey 91, 135
Red-capped Plover 132, 133
Red-capped Robin 133
Redigobius macrostoma 66
Red-necked pademelon 151
Red-necked Stint 132, 133
Red-necked wallaby 151
Red-tailed Tropicbird 133
Reedy Creek 185
Reef 105
Reef fish populations 147
Reef fishes 144
Reef Heron 132
Regolith 28
Reichardia tingitana 91, 134
Reptiles 127, 132
Reptilia 79, 80
Reservoir systems 82
Retinal pathways-*Tiliqua* 99
Retropinna semoni 67
Retropinnidae 67
Revegetation 57
Rhabdastrella sp. 1 162, sp. 2 162
Rhabditids 213
Rhabdonia clavigera 206, *verticillata* 146
Rhadinorhynchidae 156
Rhagodia candolleana ssp. *candolleana* 91, 134, 135, *crassifolia* 134, 135
Rhamnaceae 97, 134, 135
Rhantus suturalis 198
Rhina ancylostoma 35
Rhinolophidae 167
Rhipidura leucophrys 133
Rhodanthe pygmaea 134
Rhodocallidae 206
Rhodocallis elegans 206

- Rhodomelaceae 8, 206
Rhodopeltis australis 8
Rhodophyllis membranacea 7, 8, 206, *multipartita* 8
 Rhodophyta 146, 206
Rhodophyta 8
Rhodymenia australis 6, 7, 206, *foliifera* 8, *verrucosa* 8
 Rhodymeniaceae 8, 206
 Rhodymeniales 8, 206
Rhodymeniocolax austrina 206
Rhyncharrhena linearis 117
Rhynchobatus australis 35
Rhyncholimnochores sp. 198
 Richard's Pipit 132, 133
Rictularia sp. 155
 Rictulariidae 155
 Rimulaceae 134
 Risk codes 118
Rissoina crassa 17, *fasciata* 17
 River blackfish 67, 115
 River Murray 160
 River red gum 134
Rivularia firma 8, 206
 Rivulariaceae 8, 206
 Rivulariales 8
 Robber flies 88
 Robertson Cave 127
 Robust Gnat-orchid 134
 Rock Dove 133
 Rock lobster larvae 116
 Rock Parrot 132, 133
 Rocky River 166
 Rodent 150, 153, 154
 Rodentia 153, 154, 197
 Rolling Spinifex 134
 Ross River virus (RRV) 16
Rostangia bassia 17, *cristata* 134, 135
 Rosy wrasse 144
 Rough Bedstraw 134
 Rough bullseye 147
 Rough leatherjacket 144
 Rough Sow-thistle 134
 Round-leaf pigface 91
 Round-leaved Pigface 134, 135
 Roxby Downs 4
 Rubiaceae 134, 135
 Rubiaceae 97
 Ruby Saltbush 91, 134, 135
 Ruddy Turnstone 132, 133
 Rufous bettong 151
 Rufous hare wallaby 151
 Rufous rat kangaroo 168
Rugopharynx alpha 30, *australis* complex 2, *rosmariae* 157, *setonicis* 2
 Rust fungus 44
 Rutaceae 91, 134, 135
 Ryegrass 91
- S**
 SA science 200
Sabatinca sterops 60
Sabatinca-group 60
Sabella spallanzanii 33, 176
 Sabellidae 176
Saccostrea glomerata 17
 Sacred Kingfisher 133
Sagina apetala 91, *maritime* 134
 Sagittal otoliths 175
 Salicomicae 43
Salmo salar 67, *trutta* 67
 Salmonidae 67
Salsola kali 135, *tragus* 134
 Salt Angianthus 135
 Salt Bluebush 134
 Salt Bluebush 91, 134
 Salt Couch 135
 Salt lakes 43
 Salt Lawencia 135
 Salt Sand-spurrey 91, 135
 Saltatory search 146
 Salt-couch 91
Salvelinus fontinalis 67
Samolus repens 91, 134, 135
 Samphire 43, 91
 Sampling aquatic invertebrates 163
 Samson fish 75
 Sand (skipjack) trevally 144
 Sand Brome 134, 135
 Sand dunes 69
 Sand Twinleaf 134
 Sandering 132
 Sanguinicolidae 49
 Santalaceae 97, 134, 135
 Sapindaceae 97, 134, 135
Sarcocornia blackiana 91, 135, *quinqueflora* 91, 134, 135
Sarcocystis 114
Sarcophilus harrisii 32, 126, *lanarius* 126, 127, sp. 127
Sarcostemma viminalis ssp- *australe* 135
 Sardine 184, growth rates 175
Sardinops sagax 184, larvae growth rate 175
 Sargassaceae 8, 206
Sargassum 146, 206, *decipiens* 6, 7, 206, *distichum* 206, *fallax* 7, 206, *flindersii* 205, 206, *heteromorphum* 6, 7, 206, *lacerifolium* 6, 7, 206, *linearifolium* 7, 206, *odacanthum* 6, *paradoxum* 7, *paradoxum* 8, *podacanthum* 7, 206, sp. 7, *spinuligerum* 206, spp. 6, 76, 143, 181, *tristichum* 206, *varians* 6, 7, 206, *verruculosum* 6, 7, 206, *vestitum* 8
Sassia sexcostata 34, sp. 17
 Satellite transmitters 58
 Satin Everlasting 134
 Sauria 65
Scaberia agardhi 6, 206
Scaevola crassifolia 134, 135
 Scaly fin 148
 Scaly Poa 91, 135
 Scalyfin-foraging behaviour 146
 Scaridae 122
Scarus ghobban 122, *psittacus* 122
Schinus molle 134
Schizophthalmotribolium 98
Schraderia sp. 70
Scinaia moniliformis 206, *tsinglanensis* 206
 Scincidae 65, 74, 95, 127, 132, 133
Scirtes 189, *alastairi* 189, *albamaculatus* 189, *auritus* 189, *baroalba* 189, *beccus* 189, *brisbanensis* 189, *calmi* 189, *crassiantennae* 189, *cygnus* 189, *emmaae* 189, *exoletus* 189, *helmsi* 189, *interstinctus* 189, *kaytae* 189, *macroconcolor* 189,

- microrotundus* 189, *musica* 189, *nalyerensis* 189, *nigerpalpus* 189, *orientalis* 189, *peniculus* 189, *pinjarraensis* 189, *podlussanyi* 189, *pygmaeus* 189, *rivularis* 189, *ruforotundus* 189, *spatula* 189, *storeyi* 189, *tindaleensis* 189, *triangulus* 189, *victoriaensis* 189
 Scirtidae 189, 190, 192
Scleranthus pungens 91, 134
Sclerolaena uniflora 91, 134, 135
Scobinichthys granulatus 144
Scolionema 63
 Scolopacidae 132, 133
 Scombridae 49
Scoresbyella profunda 206
 Scoresbyellaceae 206
Scorpius aequipinnis 144, 146, 147, *georgianus* 144, 146, 147
Scortum barcoo 67
 Scott Creek 166
 Scrophulariaceae 97
 Scrubby Creek dialect 31
 Scurids 153, 154
Scutellastra chapmani 17
Scutus antipodes 17
 Scyphomedusae 63
Scytosiphon lomentaria 8
 Scytosiphonaceae 8, 206
 Scytosiphonales 8, 206
Scytothalia dorycarpa 6, 7, 8, 206, spp. 181
 SE South Australia 213
 Sea Barley 134
 Sea Box 134
 Sea Celery 91, 134, 135
 Sea level change 137
 Sea Pearlwort 134, 134
 Sea Rocket 135
 Sea Spurge 91, 134, 135
 Sea sweep 144, 146, 147
 Sea turtle egg mortality 121
 Sea-berry Saltbush 91, 134, 135
 Sea-cage aquaculture 75
 Seagrass 105, 177
 Seagrass loss 33
 Seagrasses 33, 34
 Sealing-Investigator Group islands 87
Sebaea ovate 134
 Secernentea 171
 Sediment toxicity 159
 Sedimentology 77
Sedum praealtum 134
 Seed gall nematode 130
 Seed germination 57
 Seed mass 57
 Seedling mortality 117
 Seirococcaceae 8, 206
Selenaria exasperans 46, *kayae* 46, *meganae* 46, *minor* 46, *varians* 46
 Sellicks Beach 33, 108
 Semaphore Sand 174
 Senator wrasse 144, 146, 147, 148
Senecio 118, *halophilus* 118, *helichrysoides* 118, *hypoleucus* 118, *lautus* 91, 135, 210, *longicollaris* 118, *odoratus* 134, *picridioides* 134, *productus* 118, *spanomerus* 134
Senna artemisioides 85
 Sensilla 60
Sericornis frontalis 133
Seriola hippos 75, *lalandi* 75
 Serpentes 106
Sertularella avrilia 188, *pinnata* 188, *robusta* 188
 Seston sampling 138
Setonix 38, *brachyurus* 2
 Sex ratio-*Anguina microlaenae* 52
 Sex ratios 130
 Sharman's rock-wallaby 151
 Shaw's cowfish 144
 Sheep 132, 133
 Sheep Bush 134, 135
 Shelduck fossil 207
Shepleya australis 206
 Shining Ground-berry 135
 Ship wrecks 124, -Investigator Group islands 87
 Shore Westringia 135
 Short-beaked echidna 37
 Short-eared rock-wallaby 151
 Shortfinned eel 67
 Shortheaded lamprey 67
 Short-stem Flax-lily 135
 Shortt free pendulum clock 41
 Short-tailed Shearwater 58, 90, 132, 133
 Showy Firebush 134
 Showy honey myrtle 134
 Shrubby Groundsel 134
 Shrubby Samphire 134
Sigara australis 198, sp 198
 Silcrete 28
Silene apetala 134, *gallica* var. *gallica* 134, *nocturna* 91, 135
Silicularia undulata 188
 Silky Wisoniia 135
Sillaginodes punctata 144
Sillago schomburgkii 144
 Silver (white) trevally 144
 Silver drummer 144, 146, 147, 148
 Silver Gull 132, 133, 210
 Silver perch 67
 Silver tandan 67
 Silver trevally 147
 Silver Wormwood 134
 Silverbelly 147
 Silveryeye 133
Simosthenurus baileyi 126, *brownei* 126, *gilli* 126, *maddocki* 126, 127, *newtonae* 126, *occidentalis* 126, 127, *pales* 126, 127
 Singing Honeyeater 132, 133
Siphamia cephalotes 147
Siphonaria c.f. *baconi* 17, *diemenensis* 17, *funiculata* 17, *zelandica* 17
 Siphonariidae 17
Siphonognathus beddomei 144, 147, 148, *radiatus* 144
 Siphonophorae 63
Sisymbrium erysimoides 134, *irio* 134, *orientale* 91, 134, 135
 Six-spined leatherjacket 147
 Sky radiance 42
 Sky temperatures 42
 Sleafordian Orogeny 36
 Sleepy cod 67
 Sleepy Lizard 99, 133
 Slender Club-rush 134
 Slender Cotula 91, 134, 135
 Slender daisy 91

- Slender Tussock-grass 134
 Slender Wallaby-grass 134
 Small Bedstraw 134
 Small dorcopsis 151
 Small Leek-lily 134
 Small Nettle 135
 Small-flower Marshmallow 91, 134
 Small-flower Tobacco 134
 Small-leaved Goosefoot 134
 Small-leaved Mintbush 91
 Small-leaved Parakeelya 91
 Small-leaved Sea-heath 134, 135
 Smallmouth hardyhead 66
 Small-mouthed hardyhead 67
 Small-spine Bindyi 134
 Smectite 28
Sminthopsis crassicaudata 127, 126, *leucopus* 126, *murina* 32, 126, 127, sp. 127
 Smooth Cat's Ear 134
 Smooth Frog 185
 Smooth Mustard 134
 Smooth Nettle 91, 134, 135
 Snakeskin wrasse 144, 147
 Snook 144
 Soil chemistry 43
 Solanaceae 86, 91, 134, 135
Solanderia fusca 188
Solanum aviculare 86, *chenopodioides* 86, *linearifolium* 86, *nigrum* 134, 210, *physalifolium* var. *nitidibaccatum* 86, *simile* 134, *sturtianum* 86
 Solar eclipses 41
Solieria robusta 206
 Solitaria 187
 Solomon Islands 79
Sonchus asper ssp. *asper* 134, *oleraceus* 91, 135, 210
Sonderopelta coriacea 7, 8, 206
 Sooty Oystercatcher 132, 133
 Soursob 91
 South Australia 126
 South Australia Current 116
 South Australian freshwater fishes 67
 South Coee Bay 54
 South East 126
 South Neptune Islands 91
 Southern blue-fin tuna 184
 Southern Boobook owl nematodes 93
 Southern Brown Bandicoot 132, 133
 Southern cassowary 110
 Southern Cypress Pine 134
 Southern Forest Bat 133
 Southern Four-toed Slider 132, 133
 Southern Giant Petrel 132
 Southern Grass Skink 133
 Southern Highlands Province 128
 Southern hulafish 144
 Southern longfin goby 66
 Southern purple-spotted gudgeon 67
 Southern pygmy perch 67
 Southern Right Whale Dolphin 40
 Southern sea carp 147
 Southern Sea heath 91
 Southern silver belly 144
 Spangled grunter 67
Spasmopallene reflexa 172
 Spawning season-fish 115
 Spawning site-fish 115
 Spear-grass 135
 Spectacled hare wallaby 151
 Spencer Gulf-mosquitoes 204
Spergula arvensis 91
Spergularia marina 134, *marina* 91, 135, *media* 91, 134, 135, *rubra* 91, 135
Sphacelaria biradiata 206, *novae-caledoniae* 8, 206, *novae-hollandiae* 206
 Sphacelariaceae 8, 206
 Sphacelariales 8, 206
Sphaciospongia papillosa 161, *purpurea* 161, sp. 1 162, sp. 2 162
 Spheniscidae 132, 133
Sphenodon punctatus 140
 Sphondylorhynchidae 206
Sphyraena novaehollandiae 144
 Spike Centuary 135
 Spinifex 135
Spinifex hirsutus 134, 135
 Spinifex Slender Bluetongue 132, 133
 Spinifex Snake-lizard 132
 Spiny Rolling Grass 135
 Spiny-tailed leatherjacket 147, 148
 Spiral valve of shark 25
 Spirilians 187
 Spirocercidae 155
Spirometra erinacei 114
Spirula spirula 17
 Spirulidae 17
Spirura aurangabadensis 167, hosts 167
 Spirurida 93
 Spiruridae 155
 Sponges-marine 162
Spongia (*Spongia*) sp. 1 162, sp. 2 162
 Spongiidae 162
 Spoon Cudweed 134
Sporobolus virginicus 91, 135
 Sporochneaceae 8, 206
 Sporochneales 8, 206
Sporochneus radiformis 6, 7, 8, 206
 Sporolithaceae 8
Sporolithon durum 8
 Spotted boarfish 148
 Spotted galaxias 67
 Spreading crassula 91
 Spring Chamber 32
 Spyrideae 8, 206
Spyridia dasyoides 8, 206
Spyridia filamentosa 206
Spyridium parvifolium 97, *phylicoides* 134, *spathulatum* 97, *vexilliferum* 97
 Squamata 74
 Squirrel-tail Fescue 134
 St Francis Granite 62, dolerite dykes 62, geochemistry 62, volcanic dykes 62
 St Peter Suite 62
 St. Francis Island 3
Stackhousia monogyna 97
 Stackhousiaceae 97
 Stalked crassula 91

- Stanwatkinsius amanda* 11, *carenceps* 13, *cincta* 13, *constricta* 13, *coraeoboides* 13, *crassus* 13, *demarzi* 13, *grevilleae* 13, *kermeti* 13, *lindi* 13, *macmillani* 13, *occidentalis* 13, *perplexa* 13, *powelli* 13, *rhodopus* 13, *speciosus* 13, *subcarinifrons* 13, *uniformis* 13, *viridimarginalis* 13
 Stars and stripes leatherjacket 144, 147
 Stegocephalid 18
 Stegocephalidae 18
Stegocephalina ingolfi 18, *wolf* 18
Stegostoma fasciatum 25
Stellaria media 91, 134
Stelletta sp. 2 162, *tuberculata* 161, 162
Stenotrium spp. 70
Stenophilus marginicollis 198
Stenothoe sp. 70
 Sterculiaceae 134
Stereotheca elongata 188
Sterna bergii 132, *bergii* 133, 210, *caspia* 133, 210, *nereis* 133, 210, *striata* 210
Sternopriscus tasmanicus 198
Sthenurus andersoni 126, 127, *brownei* 32, *gilli* 32, *occidentalis* 32, sp. 127
 Sticky Goodenia 91, 134
 Sticky Hop-bush 134 135
 Sticky Longheads 134
Stictosporum nitophylloides 206
 Stiff Cup-flower 134
 Stiff Western Rosemary 135
 Stiff Westringia 134
 Stinging Nettle 91, 134
 Stinkwort 134
Stipa sp. 97
 Stolonata 187
 Stone implement-Flinders Island 81
 Stormwater runoff 177
 Stratigraphic sequence 55
 Stratiomyidae 198
 Strigidae 93
 Striped Burrowing Frog 27
 StripedWall Skink 133
Strongyloides sp. 155, *spearei* 157
 Strongyloididae 155
Strongyluris paronai 80
Struvea plumosa 206
Stuartina muelleri 134
 Stubble Quail 132
 Sturnidae 132, 133
Sturnus vulgaris 132, 133
 Stygobitic beetles 195
 Stygobitic Dytiscidae 193, 194
 Stylochinae 21
Stylopallene cheilorhynchus 172, 173, 173
 Stypocaulaceae 8, 206
Suaeda australis 91, 134
Suberea sp. 1 162, sp. 2 162, sp. 3 162, sp. 4? 162, sp. 5? 162
 Suberitidae 162
Subninella gruneri 17
 Subtidal survey 7
Subulura sp. 155
 Subuluridae 155
 Sumatra 53
 Sun-orchid 134
 Surface water masses 116
Sus scrofa 126
Suta nigriceps 133
Swainsona lessertiifolia 91, 134, *reticulate* 118
 Swallowtail 147
 Swamp Harrier 133
 Swamp paper-bark 134
 Swamp wallaby 151
 Sycettidae 162
Sycon sp. 1 162, sp. 2 162
 Sylviidae 133
Symphitoneuria opposita 198
Symphyomyrtus 199
Symplectoscyphus epizoicus 188, *subdichotomus* 188
Synarthrophyton patena 8, 206
Syndexamine wane 70
Synhimantus (Dispharynx) mawsonae 93, (*Synhimantus*) *laticeps* 93
Syphacia (Syphacia) abertoni 197, (*Syphacia*) *australasiensis* 149, *alata* 197, *australasiensis* 197, *darwini* 155, 197, *longaeca* 155, 197, *muris* 197, *vandenbrueli* 197
T
 Tabanidae 198
 Tachyglossidae 127
Tachyglossus aculeatus 37, 126, 127
Tadorna fossil 207
Taenia taeniaeformis 114
 Talisker Formation 77
Talobis rotunda 17
Talopena c.f. *gloriola* 17
 Tamar River goby 66
 Tamaricaceae 134, 135
Tamarix aphylla 134, 135
 Tammar 132
 Tammar wallaby 133, 151
Tanaidae spp. 70
Tanais sp. 70
Tandanus tandanus 67
Tanqua anomala 53, *ophidis* 53, *tiara* 79, 80
Tanytarsus spp. 198
Taonura cf. *marginalis* 162, sp. 2 162
 Tapeworm in emu 112
 Taphonomy 32
 Tar Bush 135
Taraxacum cygnorum 118
 Targetted searches 118
Tarpela catenulata 98
 Tasmanian bettong 151
 Tasmanian mudfish 67
 Tasmanian pademelon 151
Tasmanogobius lasti 67
 Tawny-crowned Honeyeater 133
Tecticornia arbuscula 134, *flabelliformis* 134, habitat preference 43, *halocnemoides* ssp. *halocnemoides* 134, *indica* ssp. *leiostachya* 134, *pergranulata* ssp. *pergranulata* 134, *pterygosperma* ssp. *pterygosperma* 134
 Tedaniidae 162
Teichonopsis labyrinthica 162
Telocalyptus 199
 Temperature preference-Tuatara 140
Templetonia retusa 134, 135
 Tench 67
Tendinema 71

- Tenebrionidae 98
 Tenkile 151
 Tennopleuridae 17
 Tennyson sand dunes 69
 Terapontidae 67
 Teredinidae 17
 Terrestrial ecology 107
 Territoriality 146
Tethya bergquistae 161, 162
Tethygeneia nalgo 70, sp. 70
 Tethyidae 162
Tetradeion crassum 18
Tetragnatha sp. 198
 Tetragnathidae 198
Tetragonia implexicoma 91, 134, 135, 210, *tetragonoides* 134
 Tetraodontidae 148
Tetratheca pilosa 97
Thalotia c.f. *chlorostoma* 17, *conica* 34
Thamnaconus degeni 144
 Thamnocephalidae 179
Thamnoclonium dichotomum 7, 206
Thamnophyllis lacerata 206
Theileria brachyuri 38, *fuliginosa* 38, *penicillata* 38,
 phylogenetic tree 38
Thelymitra aff. *nuda* 134
 Thermoluminescence 56, 123
 Thick-headed Samphire 135
 Thick-leaf Correa 134
 Thick-tailed Gecko 132
Thinornis rubricolli 132, 133
 Thomas, P.M. Obituary 19
Thorecta sp. 162
Thorectandra cf. *choanoides* 162, sp. 2 162, sp. 3 162, sp. 4
 162
 Thorectidae 162
 Thorny Lawrencia 135
Thraciopsis subrecta 17
 Thread Iris 134
 Threatened vascular plants 118
Threlkeldia diffusa 91, 134, 135
 Threskiornithidae 133
Thunnus maccoyii 49, 184
Thuretia quercifolia 8, 206
 Thylacinidae 127
Thylacinus cynocephalus 32, 126, 127
Thylacoleo carnifex 32, 126, 127
 Thylacoleonidae 127
 Thylaeinidae 127
Thylogale billardierii 126, 151, *brunii* 151, *calabyi* 151,
stigmatica 151, *thetis* 151
 Thyme Riceflower 134, 135
 Thymelaeaceae 97, 134, 135
Thyroscyphus macrocytharus 188
Thysanotus baueri 134 135
Thysanotus patersonii 134
Tiliqua adelaidensis 165, *nigrolutes* 126, *rugosa* 32, 99, 126,
 127, 133, *scincoides* 95
Tilodon sexfasciatum 144, 147, 146, 148
Tinea tinea 67
 Tiny Cudweed 134
Tjirtudessus hillviewensis 193, *microocula* 193, *occidentalis*
 193, *padburyensis* 193, *wogarthaensis* 193
 Toad Rush 91
Todiramphus sanctus 133
 Tommy ruff 144, 147
 Toothbrush leatherjacket 144, 147
 Topgallant Islands 34, Sand 174
Tosia australis 17
 Tournefort Dyke Swarm 208
Toxocara cati 114, *mackerrasae* 155
Toxoplasma gondii 114
Trachinops caudimaculatu 144, *noarlungae* 144
Trachycladus laevispirulifer 161
Trachymene pilosa 134
 Trailing African Daisy 134
 Trailing Hemichroa 134
 Tree Aeonium 134
 Tree kangaroos 24
 Tree mallow 91
 Tremandraceae 97
 Trematoda 61, 114, 155
 Tribal territories 31
Trichanthodium skirrophorum 135
 Trichinelloidea 168
 Trichoptera 198
Trichosa sp. 198
 Trichostrongylidae 155
 Trichostrongylina 150
Trichosurus vulpecula 113, *vulpecula* 127, *vulpecula* 133
 Trichurida 155
Trichuris muris 155
 Trident goby 66
Tridentiger trigonocephalus 66
Trifolium campestre 134, *repens* 91
Triglochin centrocarpu 135, *mucronatum* 91, 135,
trichophorum 91, 134, 135
Tringa glareola 126
Triodia irritans 135
Triplectides australis 198
Triplotaenia mirabilis 30
Tripteroides atripes 202, 204
Trithamnion aculeatum 206
 Trochidae 17, 34
Trochosa tristicula phegea 198
Tropidonophis 53
 Trout cod 67
Trymalium angustifolium 83, *daphnifolium* 83, *densiflorum* 83,
elachophyllum 83, key 83, *ledifolium* var. *ledifolium* 83,
ledifolium var. *lineare* 83, *ledifolium* var. *rosmarinifolium* 83,
litorale 83, *monospermum* 83, *myrtillus* subsp. *myrtillus* 83,
myrtillus subsp. *pungens* 83, *odoratissimum* subsp.
odoratissimum 83, *odoratissimum* subsp. *trifidum* 83,
spatulatum 83, *urceolare* 83, *venustum* 83, *wayi* 83
 Trypanorhyncha 23, 25, 35
Tryphosella sp. 70
 Tryptophyllin 1.4 27
 Tuatara temperature preference 140
 Tumby Bay 64
Tupaia glis 167
 Turbinidae 17, 34
Turbo torquatus 17, *undulatus* 17
 Turkey Bush 134, 135
 Turnicidae 127
Turnix sp 127, *varia* 126, *velox* 127
Tursiops aduncus 64
 Turtle nest fungi 121

Turtle-freshwater 61
 Twiggy Daisy-bush 91, 134, 135
 Twin-horned Copperburr 135
 Twining Fringe-lily 134
 Two-horned Sea Rocket 91, 134
 Two-spined blackfish 115
 Tylenchids 213
Tympanocryptis lineata 127
Tyto alba 126, 127, 133, *novaeollandiae* 126, 127
 Tytonidae 127, 133

U

U series dating 32
Ulomoides carteri 98, *macleayi* 98
Ulva australis 8
 Ulvales-Ulvaceae 8
 Umbelliferae 91, 134, 135
 Umbrella Wattle 135
 Unadorned rock-wallaby 151
 Underground waters-chemistry 193, -physical character 193
 Uniporous short sensilla 60
 Un-Named Cave 127
 Unspecked hardyhead 67
Upeneichthys vlamingii 144, 147, 148
Uperoleia inundata 1
 Upper And Lower Ossuaries 127
 Upper Spencer Gulf 138
 Upwelling 175, circulation 184
 Uranium discoveries 47
 Urban drainage 29
Uromys anak 153, 154
Uromys caudimaculatus 167, 169
Urospermum picroides 91
Urtica urens 91, 134, 135, 210
 Urticaceae 91, 134, 135

V

UV floral reflectance 180
Vallentinia 63
 Valoniaceae 206
Vanellus miles 132, 133, *tricolor* 133
 Varanidae 79, 80, 95, 127, 133
Varanus gouldii 126, *indicus* 79, *rosenbergi* 133, sp. 127, *varius* 126, *varius* nematodes 80
 Variable Daisy 134, 135
 Variable Groundsel 91, 134, 135
 Variable Plantain 134, 135
 Varied catshark 147
 Variegated pygmy perch 67
 Vegetation structure 210
 Velvet Pink 134
Venerupis c.f. *anomala* 17
 Venezuelan *Paraxonchium orthodon* 71
 Verongida 162
 Vertebrate fossils 126
 Vertebrate palaeontology 126
Vespadelus regulus 133
 Vespertilionidae 127
 Victoria Fossil Cave 32, 127
 Victorian scalyfin 144, 147
Vidalia spiralis 206
Vittadinia cuneata f. *cuneata* 134, *dissecta* var. *hirta* 134, *gracilis* 134, *megacephala* 134

Vombatidae 127
Vombatus ursinus 126, 127, 157
Vulpes vulpes 126
Vulpia bromoides 134, *myuros* f. *myuros* 134

W

Wadja 31
 Wadjigu 31
 Waldegrave Island 36
 Wall Skink 133
Wallabia bicolor 22, 32, 126, 127, 151
 Wallabies 22
Wanaristrongylus ctenoti 65, *papangawurpae* 65
 Ward's Weed 134
Warendja wakefieldi 126
Warrenia comosa 206
 Warrenieae 206
 Water quality-Adelaide 82
 Waterbuttons 91
 Waterloo Bay 34
Weberianbossea kaliformis 206, *splachnoides* 206, *tasmanensis* 206
 Wedge-tailed Eagle 133
 Wedge-tailed shearwaters 121
 Weed whiting 144
 Welch's grunter 67
 Welcome Swallow 132, 133
 Wellesley Islands 104
 West Island 143
 Western Tree Skink 132
 Western blue devil 147
 Western blue groper 144, 145, 147
 Western bluespot goby 66, 67
 Western brush wallaby 151
 Western Cape bridal creeper 44
 Western carp gudgeon 67
 Western chanda perch 67
 Western cleaner clingfish 148
 Western footballer 144
 Western Grey Kangaroo 132, 151
 Western Myall whitefly 4
 Western Quoll 133
 Western sea carp 147
 Western talma 144, 147
 Western Tree Skink 133
 Western white-eared giant rat 152
 Western wirrah 144
Westringia dampieri 134, 135, *rigida* 135
 Wet Cave 127
 Wetland fish abundance 160
 Wetlands salinity 198
 Whale Bone Cave 127
 Whaling-Investigator Group islands 87
 Wheatgrass 91
 Whiptail wallaby 151
 White Chamber 127
 White Clover 91
 White striped dorcopsis 151
 White top 91
 White-bellied Sea-eagle 132, 133
 White-browed Scrubwren 133
 White-faced Heron 132, 133
 White-faced Storm-petrel 132, 133

SUBJECT INDEX: VOLUMES 124–133, 2000–2009

- White-flower Fumitory 135
 White-fronted Chat 133
 White-fronted Honeyeater 133
 White-fronted Tern 210
 White-top 135
 Wild mustard 91
 Wild Oat 134, 135
 Wild Turnip 91, 134, 135
 Willie Wagtail 133
Wilsonia backhousei 135, *humilis* var. *humilis* 135
 Wimmera Ryegrass 135
 Winged-seed Samphire 134
 Wirri 31
Wonambi naracoortensis 126, 127
 Wood's siphonfish 147
 Woolly Burr Medic 135
 Woolly Ixiolaena 135
 Woolly New Holland Daisy 134
 Woolly Yellow-heads 135
 Woylie 168
Wrangelia nobilis 8, *plumosa* 8, *velutina* 206
 Wrangelieae 8, 206
- X**
Xanthagrion erythroneurwn 198
Xanthorrhoea quadrangulata 97, *sempiiana* 97
 Xanthorrhoeaceae 97
 Xenoliths-granitic 36
Xenospongia patelliformis 161
Xenostrobilus pulex 17
- Y**
 Yagalingu 31
 Yalata Mallee 135
 Yam daisy 91
 Yamba Formation 174
 Yambina 31
 Yangga 31
 Yangkaal 104
 Yarra pygmy perch 67
 Yellow Sebaea 134
 Yellow Star 134
 Yellow-billed Spoonbill 133
 Yellowfin whiting 144
 Yellow-footed rock-wallaby 151
 Yellow-plumed Honeyeater 133
 Yellowstripe leatherjacket 144, 147
 Yellowtail Kingfish 75
 Yetimarala 31
 Yilba 31
 Yilgarn Craton 194
 Yiman 31
 Yiningayi 31
 Yirandhali 31
 Yorke Peninsula 17
 Yorrell 134
 Young-of-the-year (YOY) samples 158
 Yuru 31
- Z**
Zanclus boudini 63, *bomala* 63, *carinata* 63, *costata* 63, *giancarloii* 63, *gillii* 63, *medusapolypata* 63, *ngeriana* 63, *polymorpha* 63, *protecta* 63, *sardii* 63, *sessilis* 63
 Zancleidae 63
Zaphanera papyrocarpa 4
Zarhopaloides anaxenor 4
 Zebra fish 144, 146, 147, 148
 Zebra shark 25
 Zeehan Current 116
 Zonal Geranium 134
Zonaria angustata 206, *crenata* 206, *sinclairii* 206, *spiralis* 6, 7, 8, 146, 206, *turneriana* 7, 8, 206
 Zonarieae 8, 206
Zostera mucronata 34 *muelleri* 34
 Zosteraceae 33
 Zosteropidae 133
Zosterops lateralis 133
Zygomatus trilobus 32, 126, 127
 Zygophyllaceae 91, 134, 135
Zygophyllum ammophilum 134, *apiculatum* 134, *billardieri* 91, 134, 135, *ovatum* 134, spp 119
 Zygoptera 198
Zyzomys argurus 197