

Faculty of Science
School of Biological, Earth & Environmental Sciences - (S35)

CHAPTER - DEST

Medlyn, BE. & McMurtrie, RE. 2005, *Effects of CO₂ on plants at different timescales*, Springer, United States of America.

*Moore, TJ., Li, Z., *Nelson, C., *Finkelman, RB. & *Boyd, R. 2005, *Concentration of trace elements in coal beds*, Reolutionz Press, New Zealand.

Ward, CR. & Li, Z. 2005, *Geological sources of metals in coal and coal products*, Reolutionz Press, New Zealand.

JOURNAL - SCHOLARLY REFEREED

*Begg, G., *Campana, S., *Fowler, AJ. & Suthers, IM. 'Otolith research and application: current directions in innovation and implementation'. *Marine and Freshwater Research* 2005; 56(5): pp. 477 - 483.

*Bennett, C. & Marshall, DJ. 'The relative energetic costs of the larval period, larval swimming and metamorphosis for the ascidian *Diplosoma listerianum*'. *Marine and Freshwater Behaviour and Physiology* 2005; 38(1): pp. 21 - 29.

Boles, WE. 'A new flightless gallinule (Aves : Rallidae : Gallinula) from the oligo-miocene of Riversleigh, northwestern Queensland, Australia'. *Records of the Australian Museum* 2005; 57(2): pp. 179 - 190.

Boles, WE. 'A review of the Australian Fossil Storks of the Genus *Ciconia* (Aves:Ciconiidae) with the description of a new species'. *Records of the Australian Museum* 2005; 57(2): pp. 165 - 178.

Boles, WE. 'Fossil honeyeaters (Meliphagidae) from the Late Tertiary of Riversleigh, north-western Queensland'. *Emu* 2005; 105(1): pp. 21 - 26.

Bonduriansky, R. & *Rowe, L. 'Intralocus sexual conflict and the genetic architecture of sexually dimorphic traits in *Prochyliza xanthostoma* (Diptera : Piophilidae)'. *Evolution* 2005; 59(9): pp. 1965 - 1975.

Bonduriansky, R. & *Brassil, CE. 'Reproductive ageing and sexual selection on male body size in a wild population of antler flies (*Protophila litigata*)'. *Journal of Evolutionary Biology* 2005; 18: pp. 1332 - 1340.

Bragg, J., Taylor, JE. & Fox, BJ. 'Distributions of lizard species across edges delimiting open-forest and sand-mined areas'. *Austral Ecology* 2005; 30(2): pp. 188 - 200.

*Briggs, C., *Morris, C. & Ashford, AE. 'Investigations into seed dormancy in *Grevillea linearifolia*, *G-buxifolia* and *G-sericea*: Anatomy and histochemistry of the seed coat'. *Annals of Botany* 2005; 96(6): pp. 965 - 980.

Brooks, RC., Hunt, JC., *Blows, MW., Smith, MJ., Bussiere, LF. & *Jennions, M. 'Experimental evidence for multivariate stabilizing sexual selection'. *Evolution* 2005; 59(4): pp. 871 - 880.

Brown, PR. & *Tuan, NP. 'Compensation of rodent pests after removal: control of two rat species in an irrigated farming system in the Red River Delta, Vietnam'. *Acta Oecologica* 2005; 28: pp. 267 - 279.

Brown, PR. 'The effect of simulated house mouse damage to wheat in Australia'. *Crop Protection* 2005; 24(2): pp. 101 - 109.

*Camacho, A., *Lee, JK., Hensen, BJ. & *Braun, J. 'Short-lived orogenic cycles and the eclogitization of cold crust by spasmodic hot fluids'. *Nature* 2005; 435(7046): pp. 1191 - 1196.

Clark, GF. & Johnston, E. 'Manipulating larval supply in the field: a controlled study of marine invasibility'. *Marine Ecology-Progress Series* 2005; 298: pp. 9 - 19.

Cohen, DR., Dunlop, AC. & Rose, TA. 'Contrasting dispersion patterns for gold in stream sediments at Timbarra, NSW, Australia'. *Journal of Geochemical Exploration* 2005; 85(1): pp. 1 - 16.

*Corbeels, M., McMurtrie, RE., Pepper, DA. & *O'Connell, AM. 'A process-based model of nitrogen cycling in forest plantations Part 1. Structure, calibration and analysis of the decomposition model'. *Ecological Modelling* 2005; 187: pp. 426 - 448.

*Corbeels, M., McMurtrie, RE., Pepper, DA. & *O'Connell, AM. 'A process-based model of nitrogen cycling in forest plantations Part 11. Simulating growth and nitrogen mineralisation of Eucalyptus globulus plantations in south-western Australia'. *Ecological Modelling* 2005; 187: pp. 449 - 474.

*Corbeels, M., McMurtrie, RE., Pepper, DA., *Mendham, DS., *Grove, TS. & *O'Connell, AM. 'Long-term changes in productivity of eucalypt plantations under different harvest residue and nitrogen management practices: A modelling analysis'. *Forest Ecology and Management* 2005; 217: pp. 1 - 18.

Dalrymple, IJ., Cohen, DR. & Gatehouse, S. 'Optimization of partial extraction chemistry for buffered acetate and hydroxylamine leaches'. *Geochemistry, Exploration, Environment, Analysis* 2005; 5: pp. 279 - 285.

Dawson, M., Sen Gupta, A. & England, MH. 'Coupled biophysical global ocean model and molecular genetic analyses identify multiple introductions of cryptogenic species'. *PNAS* 2005; 102(34): pp. 11968 - 11973.

Dawson, M. 'Cyanea capillata is not a cosmopolitan jellyfish: morphological and molecular evidence for C-annaskala and C-rosea (Scyphozoa : Semaestomeae : Cyaneidae) in south-eastern Australia'. *Invertebrate Systematics* 2005; 19(4): pp. 361 - 370.

Dawson, M. 'Incipient speciation of *Catostylus mosaicus* (Scyphozoa, Rhizostomeae, Catostylidae), comparative phylogeography and biogeography in south-east Australia'. *Journal of Biogeography* 2005; 32(3): pp. 515 - 533.

Dawson, M. & *Hammer, WM. 'Rapid evolutionary radiation of marine zooplankton in peripheral environments'. *Proceedings of the National Academy of Sciences of the United States of America* 2005; 102(26): pp. 9235 - 9240.

*Doran, R. & Laffan, SW. 'Simulating the spatial dynamics of foot and mouth disease outbreaks in feral pigs and livestock in Queensland, Australia, using a susceptible-infected-recovered cellular automata model'. *Preventive Veterinary Medicine* 2005; 70(1-2): pp. 133 - 152.

Eldridge, DJ. & *Wong, V. 'Clumped and isolated trees influence soil nutrient levels in an Australian temperate box woodland'. *Plant and Soil* 2005; 270(1-2): pp. 331 - 342.

Eldridge, DJ. & *Freudenberger, D. 'Ecosystem wicks: Woodland trees enhance water infiltration in a fragmented agricultural landscape in eastern Australia'. *Austral Ecology* 2005; 30(3): pp. 336 - 347.

*Eliasson, P., McMurtrie, RE., Pepper, DA., *Stromgren, M., *Linder, S. & *Agren, GI. 'The response of heterotrophic CO₂ flux to soil warming'. *Global Change Biology* 2005; 11(1): pp. 167 - 181.

*Emlen, D., Hunt, JC. & *Simmons, L. 'Evolution of sexual dimorphism and male dimorphism in the expression of beetle horns: Phylogenetic evidence for modularity, evolutionary lability, and constraint'.

American Naturalist 2005; 166(4): pp. S42 - S68.

Evans, JP. & Marshall, DJ. 'Male-by-female interactions influence fertilization success and mediate the benefits of polyandry in the sea urchin *Heliocidaris erythrogramma*'. *Evolution* 2005; 59(1): pp. 106 - 112.

*Farrelly, CA. & Greenaway, P. 'The morphology and vasculature of the respiratory organs of terrestrial hermit crabs (Coenobita and Birgus): gills, branchiostegal lungs and abdominal lungs'. *Arthropod Structure & Development* 2005; 34(1): pp. 63 - 87.

*Firth, R., Jefferys, E., *Woinarski, J. & *Noske, R. 'The diet of the brush-tailed rabbit-rat (*Conilurus penicillatus*) from the monsoonal tropics of the Northern Territory, Australia'. *Wildlife Research* 2005; 32(6): pp. 517 - 523.

Ford, E. & *Hutchings, P. 'An analysis of morphological characters of *Owenia* useful to distinguish species: description of three new species of *Owenia* (Oweniidae : Polychaeta) from Australian waters'. *Marine Ecology-Pubblicazioni Della Stazione Zoologica Di Napoli I* 2005; 26(3-4): pp. 181 - 196.

Gergis, JL. & *Fowler, AM. 'Classification of synchronous oceanic and atmospheric El Niño-Southern Oscillation (ENSO) events for palaeoclimate reconstruction'. *International Journal of Climatology* 2005; 25(12): pp. 1541 - 1565.

Goodwin, N., *Turner, R. & Merton, RN. 'Classifying Eucalyptus forests with high spatial and spectral resolution imagery: an investigation of individual species and vegetation communities'. *Australian Journal of Botany* 2005; 53(4): pp. 337 - 345.

Grant, TR. & *Lowry, M. 'Trapped ! How often do we think about by-catch in the rivers of our own backyards ?'. *Nature Australi* 2005; 28(5): pp. 56 - 63.

Hand, SJ. & Archer, M. 'A new hipposiderid genus (Microchiroptera) from an early Miocene bat community in Australia'. *Palaeontology* 2005; 48: pp. 371 - 383.

Hand, SJ., Archer, M. & Godthelp, H. 'Australian Oligo-Miocene Mystacinids (Microchiroptera): upper dentition, new taxa and divergence of New Zealand species'. *Geobios* 2005; 38(3): pp. 339 - 352.

Hayward, MW. 'Diet of the quokka (*Setonix brachyurus*) (Macropodidae : Marsupialia) in the northern jarrah forest of Western Australia'. *Wildlife Research* 2005; 32(1): pp. 15 - 22.

Hayward, MW., De Tores, PJ. & Banks, P. 'Habitat use of the quokka, *Setonix brachyurus* (Macropodidae : Marsupialia), in the northern jarrah forest of Australia'. *Journal of Mammalogy* 2005; 86(4): pp. 683 - 688.

Hayward, MW., *de Tores, P., Augee, ML. & Banks, P. 'Mortality and survivorship of the quokka (*Setonix brachyurus*) (Macropodidae : Marsupialia) in the northern jarrah forest of Western Australia'. *Wildlife Research* 2005; 32(8): pp. 715 - 722.

Hayward, MW., De Tores, PJ., *Dillon, MJ., Fox, BJ. & Banks, P. 'Using faecal pellet counts along transects to estimate quokka (*Setonix brachyurus*) population density'. *Wildlife Research* 2005; 32(6): pp. 503 - 507.

Head, ML., Hunt, JC., *Jennions, M. & Brooks, RC. 'The indirect benefits of mating with attractive males outweigh the direct costs'. *PLOS Biology* 2005; 3(2): pp. 289 - 294.

Huggett, MJ., *King, CK., Williamson, JE., Steinberg, PD. 'Larval development and metamorphosis of the Australian diadematid sea urchin *Centrostephanus rodgersii*'. *INVERTEBRATE REPRODUCTION & DEVELOPMENT* 2005; 47(3): pp. 197 - 204.

Huggett, MJ., *De Nys, R., *Williamson, JE., *Heasman, M., Steinberg, PD. 'Settlement of larval blacklip

- abalone, *Haliotis rubra*, in response to green and red macroalgae'. *Marine Biology* 2005; 147: pp. 1153 - 1163.
- Hunt, JC., Brooks, RC. & *Jennions, M. 'Female mate choice as a condition-dependent life-history trait'. *American Naturalist* 2005; 166(1): pp. 79 - 92.
- *Irving, A., *Connell, S., Johnston, E., *Pile, A. & *Gillanders, B. 'The response of encrusting coralline algae to canopy loss: an independent test of predictions on an Antarctic coast'. *Marine Biology* 2005; 147(5): pp. 1075 - 1083.
- *Jackson, SM., Grant, TR., *Temple-Smith, PD. & *bennett, g. 'Monsieur Jules Verreaux and the platypus, *Ornithorhynchus anatinus*: Comments on the observations of a naturaliste voyageur'. *Australian Mammalogy* 2005; 27: pp. 147 - 160.
- *Janssens, I., Medlyn, BE., *Gielen, B., *Laureysens, I., *Jach, M., *Van Hove, D. & *Ceulemans, R. 'Carbon budget of *Pinus sylvestris* saplings after four years of exposure to elevated atmospheric carbon dioxide concentration'. *Tree Physiology* 2005; 25(3): pp. 325 - 337.
- Johnston, E. & *Keough, M. 'Reduction of pollution impacts through the control of toxicant release rate must be site- and season-specific'. *Journal of Experimental Marine Biology and Ecology* 2005; 320(1): pp. 9 - 33.
- Kelleway, J. 'Ecological impacts of recreational vehicle use on saltmarshes of the Georges River'. *Wetlands* 2005; 22(2): pp. 52 - 66.
- Kelley, JL., *Magurran, A. & Macias-Garcia, C. 'The influence of rearing experience on the behaviour of an endangered Mexican fish, *Skiffia multipunctata*'. *Biological Conservation* 2005; 122(2): pp. 223 - 230.
- *Korpimäki, E., *Oksanen, L., *Oksanen, T., *Klemola, T., *Norrdahl, K. & Banks, P. 'Vole cycles and predation in temperate and boreal zones of Europe'. *Journal of Animal Ecology* 2005; 74(6): pp. 1150 - 1159.
- Kruetzen, MC., *Mann, J., *Heithaus, MR., *Connor, RC., *Bejder, L. & Sherwin, WB. 'Cultural transmission of tool use in bottlenose dolphins'. *Proceedings of the National Academy of Sciences of the United States of America* 2005; 102(25): pp. 8939 - 8943.
- Laffan, SW., *Nielsen, O., *Silcock, H. & *Hegland, M. 'Sparse grids: a new predictive modelling method for the analysis of geographic data'. *International Journal of Geographical Information Science* 2005; 19(3): pp. 267 - 292.
- Lennox, PG., Trzebski, RC., *Armstrong, R. & *Siebel, W. 'Structural evolution and granite chronology of the central Molong Zone, Eastern Lachlan Fold Belt, Australia'. *Australian Journal of Earth Sciences* 2005; 52: pp. 79 - 99.
- Lindholm, AK., *Breden, F., *Alexander, H., *Chan, W., *Thakurta, S. & Brooks, RC. 'Invasion success and genetic diversity of introduced populations of guppies *Poecilia reticulata* in Australia'. *Molecular Ecology* 2005; 14(12): pp. 3671 - 3682.
- Linton, SM., Wilde, JE. & Greenaway, P. 'Excretory and storage purines in the anomuran land crab *Birgus latro*; Guanine and uric acid'. *Journal of Crustacean Biology* 2005; 25(1): pp. 100 - 104.
- Marshall, DJ. & Evans, JP. 'Does egg competition occur in marine broadcast-spawners?'. *Journal of Evolutionary Biology* 2005; 18: pp. 1244 - 1252.
- Marshall, DJ. & Evans, JP. 'The benefits of polyandry in the free-spawning polychaete *Galeolaria caespitosa*'. *Journal of Evolutionary Biology* 2005; 18(3): pp. 735 - 741.

Martin, HA. & *Specht, R. 'Sclerophyll (heathy) understoreys in the Mount Lofty Ranges, South Australia'. *TRANSACTIONS OF THE ROYAL SOCIETY OF SOUTH AUSTRALIA* 2005; 129: pp. 14 - 24.

Matthews, S. & Bonser, SP. 'Life histories, ecological tolerance limits, and the evolution of geographic range size in Eucalyptus (Myrtaceae)'. *Australian Journal of Botany* 2005; 53(6): pp. 501 - 508.

Medlyn, BE., *Berbigier, P., *Clement, R., *Grelle, A., *Loustau, D., *Linder, S., *Wingate, L., *Jarvis, PG., *Sigurdsson, BD. & McMurtrie, RE. 'Carbon balance of coniferous forests growing in contrasting climates: Model-based analysis'. *Agricultural and Forest Meteorology* 2005; 131: pp. 97 - 124.

Medlyn, BE., *Robinson, AP., *Clement, R. & McMurtrie, RE. 'On the validation of models of forest CO₂ exchange using eddy covariance data: some perils and pitfalls'. *Tree Physiology* 2005; 25(7): pp. 839 - 857.

Miller, L. & Brooks, RC. 'The effects of genotype, age, and social environment on male ornamentation, mating behaviour, and attractiveness'. *Evolution* 2005; 59(11): pp. 2414 - 2425.

Mitchell, B. & Banks, P. 'Do wild dogs exclude foxes? Evidence for competition from dietary and spatial overlaps'. *Austral Ecology* 2005; 30(5): pp. 581 - 591.

Monamy, V. & Fox, BJ. 'Differential habitat use by a local population of subadult common dunnarts, *Sminthopsis murina*, following wildfire in coastal wet heath, New South Wales, Australia'. *Wildlife Research* 2005; 32(7): pp. 617 - 624.

Monro, K. & Poore, AG. 'Light quantity and quality induce shade-avoiding plasticity in a marine macroalga'. *Journal of Evolutionary Biology* 2005; 18(2): pp. 426 - 435.

Moore, S. & Suthers, IM. 'Can the nitrogen and carbon stable isotopes of the pygmy mussel, *Xenostrobus securis*, indicate catchment disturbance for estuaries in Northern New South Wales, Australia?'. *Estuaries* 2005; 28(5): pp. 714 - 725.

Neef, G. 'Devonian-Carboniferous structure and tectonics at Maccullochs Range, and the recognition of the Darling Basin Conjugate Fault System showing switching of the directions of principal horizontal stress'. *Australian Journal of Earth Sciences* 2005; 52(2): pp. 315 - 326.

*Ojanguren, A., Evans, JP. & *Magurran, A. 'Multiple mating influences offspring size in guppies'. *Journal of Fish Biology* 2005; 67(4): pp. 1184 - 1188.

Pepper, DA., *Del Grosso, S., McMurtrie, RE. & *Parton, W. 'Simulated carbon sink response of shortgrass steppe, tallgrass prairie and forest ecosystems to rising [CO₂], temperature and nitrogen input'. *Global Biogeochemical Cycles* 2005; 19(1): .

Poore, AG. 'Scales of dispersal among hosts in a herbivorous marine amphipod'. *Austral Ecology* 2005; 30: pp. 219 - 228.

Poore, AG. & Hill, N. 'Spatial associations among palatable and unpalatable macroalgae: A test of associational resistance with a herbivorous amphipod'. *Journal of Experimental Marine Biology and Ecology* 2005; 326(2): pp. 207 - 216.

Ramp, D., *Caldwell, J., Edwards, KA., Warton, DI. & Croft, DB. 'Modelling of wildlife fatality hotspots along the Snowy Mountain Highway in New South Wales, Australia'. *Biological Conservation* 2005; 126(4): pp. 474 - 490.

Ramp, D., Russell, BG. & Croft, DB. 'Predator scent induces differing responses in two sympatric macropodids'. *Australian Journal of Zoology* 2005; 53(2): pp. 73 - 78.

- Savage, KE., Hunt, JC., *Jennions, M. & Brooks, RC. 'Male attractiveness covaries with fighting ability but not with priorfight outcome in house crickets'. *Behavioral Ecology* 2005; 16(1): pp. 196 - 200.
- *Schupp, P., Charlton, TS., *Taylor, M., Kjelleberg, S., Steinberg, PD. 'Use of solid-phase extraction to enable enhanced detection of acyl homoserine lactones (AHLs) in environmental samples'. *Analytical and Bioanalytical Chemistry* 2005; 383(1): pp. 132 - 137.
- *Shackleton, M., *Jennions, M. & Hunt, JC. 'Fighting success and attractiveness as predictors of male mating success in the black field cricket, *Teleogryllus commodus*: the effectiveness of no-choice tests'. *Behavioral Ecology and Sociobiology* 2005; 58(1): pp. 1 - 8.
- Shen, W. & Cohen, DR. 'Fractally invariant distributions and an application in geochemical exploration'. *Mathematical Geology* 2005; 37(8): pp. 895 - 913.
- *Stensmyr, M., *Erland, S., *Hallberg, E., *Wallen, R., Greenaway, P. & *Hansson, B. 'Insect-Like Olfactory Adaptations in the Terrestrial Giant Robber Crab'. *Current Biology* 2005; 15(2): pp. 116 - 121.
- Taylor, MD., *Fielder, D. & Suthers, IM. 'Batch marking of otoliths and fin spines to assess the stock enhancement of *Argyrosomus japonicus*'. *Journal of Fish Biology* 2005; 66(4): pp. 1149 - 1162.
- Taylor, MW., Schupp, PJ., *De Nys, R., Kjelleberg, S., Steinberg, PD., *Schupp, P. 'Biogeography of bacteria associated with the marine sponge *Cymbastela concentrica*'. *Environmental Microbiology* 2005; 7(3): pp. 419 - 433.
- Taylor, RB., Steinberg, PD. 'Host use by Australasian seaweed mesograzers in relation to feeding preferences of larger grazers'. *Ecology* 2005; 86(11): pp. 2955 - 2967.
- Taylor, GR., Hansford, P., *Stevens, B. & *Robson, D. 'HyMap of Broken Hill - imaging spectrometry for rock and mineral abundance mapping'. *Exploration Geophysics* 2005; 36(4): pp. 397 - 400.
- Taylor, MD., *Palmer, P., *Fielder, D. & Suthers, IM. 'Responsible estuarine finfish stock enhancement: an Australian perspective'. *Journal of Fish Biology* 2005; 67(2): pp. 299 - 331.
- Thompson, W. & Eldridge, DJ. 'Plant cover and composition in relation to density of *Callitris glaucophylla* (white cypress pine) along a rainfall gradient in eastern Australia'. *Australian Journal of Botany* 2005; 53(6): pp. 545 - 554.
- Thompson, W. & Eldridge, DJ. 'White cypress pine (*Callitris glaucophylla*): a review of its roles in landscape and ecological processes in eastern Australia'. *Australian Journal of Botany* 2005; 53(6): pp. 555 - 570.
- Triantafyllis, J. & *Lesch, S. 'Mapping clay content variation using electromagnetic induction techniques'. *Computers and Electronics in Agriculture* 2005; 46(1-3): pp. 203 - 237.
- Turner, LM. & *Erskine, WD. 'Variability in the development, persistence and breakdown of thermal, oxygen and salt stratification on regulated rivers of southeastern Australia'. *River Research and Applications* 2005; 21(2-3): pp. 151 - 168.
- Uehara, S., Syahailatua, A. & Suthers, IM. 'Recent growth rate of larval pilchards *Sardinops sagax* in relation to their stable isotope composition, in an upwelling zone of the East Australian Current'. *Marine and Freshwater Research* 2005; 56(5): pp. 549 - 560.
- Wang, X., *Flood, R., Roberts, J. & *Wang, XL. 'Trace-element correlation of Carboniferous ignimbrites, southern New England Orogen, Australia, by factor and discrimination analysis'. *Australian Journal of*

Earth Sciences 2005; 52(2): pp. 169 - 181.

Ward, CR., Nunt-Jaruwong, S. & *Swanson, J. 'Use of mineralogical analysis in geotechnical assessment of rock strata for coal mining'. *International Journal of Coal Geology* 2005; 64(1-2): pp. 156 - 171.

Ward, CR., Li, Z. & Gurba, LW. 'Variations in coal maceral chemistry with rank advance in the German Creek and Moranbah Coal Measures of the Bowen Basin, Australia, using electron microprobe techniques'. *International Journal of Coal Geology* 2005; 63(1-2): pp. 117 - 129.

*Wilson, PG., O'Brien, M., *Quinn, CJ. & *Heslewood, M. 'Relationships within Myrtaceae sensu lato based on a matK phylogeny'. *Plant Systematics and Evolution* 2005; 251(1): pp. 3 - 19.

Wood, AE. 'Collections of Galerina (Agaricales, Fungi) made by J.B. Cleland and housed in the state herbarium of South Australia'. *Proceedings of the Linnean Society of New South Wales* 2005; 126: pp. 181 - 196.

Wright, KJ., *Higgs, D., *Belanger, A. & *Leis, J. 'Auditory and olfactory abilities of pre-settlement larvae and post-settlement juveniles of a coral reef damselfish (Pisces : Pomacentridae)'. *Marine Biology* 2005; 147(6): pp. 1425 - 1434.

Wright, JT., Dworjanyn, SA., Rogers, CN., Steinberg, PD., Williamson, JE., Poore, AG. 'Density-dependent sea urchin grazing: differential removal of species, changes in community composition and alternative community states'. *Marine Ecology-Progress Series* 2005; 298: pp. 143 - 156.

JOURNAL - NON REFEREED

Boles, WE. 'A review of the Australian fossil storks of the genus *Ciconia* (Aves : Ciconiidae), with the description of a new species'. *Records of the Australian Museum* 2005; 57(2): pp. 165 - 178.

JOURNAL - LETTER OR NOTE

Banks, P. 'Animal-rights zealots put wildlife welfare at risk'. *Nature* 2005; 438(7068): p. 559.

*Boersma, A., *Pas, H., *Kloosterhuis, G., Kemp, MW., Kossard, S., Martin, LE., Murrell, DF. & *Jonkman, M. 'The preparation of dermal and epidermal protein extracts for the detection of autoimmune bullous disorders using an immunoblotting technique'. *Journal of Investigative Dermatology* 2005; 125(6): p. A12.

Merton, RN., Lau, WY. & Mitchell, SP. 'Comparative mapping of aerial and satellite scale resolutions for marine near-shore bathymetry'. 2005; (593): pp. 177 - 183.

Webster, KN., Dawson, TJ. & Mifsud, B. 'Aerobic metabolic performance and muscle mitochondrial volumes in kangaroos'. *Federation of American Societies for Experimental Biology Journal* 2005; 19(4): p. A209.

Whittall, C., Ritchie, AG., *Pritchard, D., *Chhabra, S. & Cooley, MA. 'Immunomodulation by the P-aeruginosa signalling molecule ODDHL does not depend on membrane localisation'. *Tissue Antigens* 2005; 66(5): pp. 588 - 589.

CONFERENCE - FULL PAPER REFEREED

Howard, EH., Turner, IL. & Merton, RN. 'A laboratory of the 'shoreline' detected in video imagery'. In: *Coasts and Ports Coastal living and living coast*. Canberra ACT, Engineers Australia, pp. 483 - 488 2005.

Laffan, SW. & *Bickford, S. 'Using spatial randomisations to improve the utility of Geographically

Weighted Regression model results'. In: *MODSIM 05 International Congress on Modelling and Simulation*. Canberra, Modelling & Simulation Society of Australia & New Zealand Inc, pp. 1396 - 1401 2005.

Pareek, M., *Pareek, VK., Ashford, AE. & *Allaway, WG. 'Mass transport in small-scale biological entities: an application in plant science'. In: *7th World Congress of Chemical Engineering I Chem E V.2.0 (CD ROM)*. Scotland, 7th World Congress of Chemical Engineering, pp. 1 - 10 2005.

THESIS

Arena, DA. 2005, '*The geological history and development of the terrain at the Riversleigh World Heritage area, during the middle Tertiary*', PhD, University of NSW.

Ben-Ami, D. 2005, '*The behavioural ecology of the swamp wallaby, Wallabia bicolor, and its response to human induced disturbance*', Phd, University of NSW.

Burns, EL. 2005, '*Phylogeography, population history and conservation genetics of the endangered Green and Golden Bell Frog (Litoria aurea)*', PhD, University of NSW.

Head, ML. 2005, '*Evolutionary consequences of the costs of mate choice*', PhD, University of NSW.

Khalifa, MM. 2005, '*Geological and geophysical evaluation and interpretation of the Blantyre, sub-basin, Darling Basin, New South Wales*', PhD, University of New South Wales.

Miller, J. 2005, '*The use of macroinvertebrates and integrated environmental assessment to differentiate land use impacts from natural variability*', PhD, University of New South Wales.

Moore, S. 2005, '*Tracers and indicators of estuarine nutrients*', PhD, University of NSW.

Morgan, KT. 2005, '*Evaluation of salinisation processes in the Spicers Creek catchment, central west region of New South Wales, Australia*', PhD, University of NSW.

Nikrouz, R. 2005, '*Three-dimensional (3D) three-component (3C) shallow seismic refraction surveys across a shear zone associated with dryland salinity at the Spicers Creek Catchment, New South Wales, Australia*', PhD, University of NSW.

Ross, KA. 2005, '*Effects of fragmentation and disturbance on a Eucalypt open-forest plant community in south-eastern Australia*', PhD, University of NSW.

Smith, JV. 2005, '*Inorganic hydrogeochemistry, hydrogeology and geology of the Stuarts Point aquifer system. A process analysis of the natural occurrences of enriched As(III) and As (V) in an Australian coastal groundwater system*', PhD, University of NSW.

Smith, J. 2005, '*Iron monosulfide formation and oxidation in the drainage system of a coastal acid sulfate soil environment*', PhD, University of New South Wales.

Syahailatua, A. 2005, '*Biological oceanography of larval fish diversity and growth off eastern Australia*', PhD, UNSW.

Taylor, MW. 2005, '*The ecology of marine sponge-associated bacteria*', PhD, University of New South Wales.

Turner, LM. 2005, '*Development persistence and breakdown of thermal, oxygen and salt stratification in selected regulated rivers and estuaries of Southeastern Australia*', PhD, University of New South Wales.