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Publication History:

18. Imansyah, M.J., Jessop, T.S., Sumner, J., Purwandana, D., Arieffiendy, A., Seno, A. (in press) Assessment of the distribution, seasonal use and predation of orange-footed scrubfowl nests on Komodo Island. *Journal of Field Ornithology*.
17. Sumner, J., Webb, J.K., Shine, R., Keogh, J.K. (in press) Molecular and morphological assessment of Australia's most endangered snake, *Hoplocephalus bungaroides*, reveals two evolutionarily significant units for conservation. *Conservation Genetics*.
16. Koumoundouros, T., Sumner, J., Clemann, N., Stuart-Fox, D. (in press) Current genetic isolation and fragmentation contrasts with historical connectivity in an alpine lizard (*Cyclodomorphus praealtus*) threatened by climate change. *Biological Conservation*.
15. Whelan, R.J., Sumner, J., Farrier, D., Mooney, C. (in press) A state is not an island: conserving evolutionary potential in the face of climate change by listing populations under current threatened species legislation.
14. Jessop, T. S., Madsen, T., Sumner, J., Rudiharto, H., Phillips, J.A., Ciofi, C. (2006) Maximum body size among insular Komodo dragon populations covaries with large prey density. *Oikos* 112: 422-429.
13. Sumner, J. (2006) Higher relatedness within groups due to deferred natal dispersal in a rainforest skink, *Gnypetoscincus queenslandiae*. *Austral Ecology* 31: 441-448.

12. Sumner, J. (2005) Decreased relatedness between male prickly forest skinks (*Gnypetoscincus queenslandiae*) in habitat fragments. *Conservation Genetics* 6:333-340.
11. Sumner, J. (2004) Notes on reproduction in the prickly forest skink, *Gnypetoscincus queenslandiae*. *Memoirs of the Queensland Museum* 49:732.
10. Sumner, J., T. Jessop, D. Paetkau, C. Moritz. (2004). The effect of anthropogenic habitat fragmentation on molecular diversity in a rainforest endemic skink, *Gnypetoscincus queenslandiae*. *Molecular Ecology*. 13:259-269.
9. Jessop, T., Sumner, J., Lance, V., and Limpus, C. (2004) Reproduction in shark attacked sea turtles is supported by stress reduction mechanisms. *Proceeding of the Royal Society of London B (supp - Biology Letters)*: 271: S91-S94.
8. Jessop, T. S. Sumner, J., Limpus, C. J. Whittier, J. M. (2004) Interplay between sex, body condition and plasma hormone profiles in juvenile Hawksbill turtles subjected to a capture stress protocol. *Journal of Comparative Physiology and Biochemistry A*. 137:197-204.
7. Jessop, T., Sumner, J., Rudiharto, H., Purwandana, D., Imansyah. M.J., and Phillips, J. A. (2004) Distribution, use and selection of nest type by Komodo Dragons. *Biological Conservation*. 117: 463-470.
6. Crowther, M.S., Sumner, J. & Dickman, C.R. (2003). Speciation of *Antechinus stuartii* and *A. subtropicus* (Marsupialia: Dasyuridae) in eastern Australia: molecular and morphological evidence. *Australian Journal of Zoology* 51:443 - 462.
5. Sumner, J. (2002) Morphometric and reproductive notes on the rare wet tropics skink, *Glaphyromorphus mjobergi*. *Memoirs of the Queensland Museum* 48:146.
4. Sumner, J., Rousset, F., Estoup, A. and Moritz, C. (2001). "Neighbourhood size", dispersal and density estimates in the prickly forest skink (*Gnypetoscincus queenslandiae*) using individual genetic and demographic methods. *Molecular Ecology* 10:1917 - 1927.
3. Sumner, J., Moritz, C. and Shine, R. (1999). Shrinking forest shrinks skink: morphological change in response to rainforest fragmentation in the prickly forest skink (*Gnypetoscincus queenslandiae*). *Biological Conservation* 91:159-167.
2. Sumner, J. and Dickman, C. (1998). Distribution and identity of species in the *Antechinus stuartii* - *A. flavipes* group (Marsupialia : Dasyuridae) in south-eastern Australia. *Australian Journal of Zoology* 46:27-41.
1. Shine, R., Webb, J.K., Fitzgerald, M. and Sumner, J. (1998). The impact of bush-rock removal on an endangered snake species *Hoplocephalus bungaroides* (Serpentes: Elapidae). *Wildlife Research* 25:285-295.