## ANU Seminar

## EVOLUTION, ECOLOGY, & GENETICS RESEARCH SCHOOL OF BIOLOGY

Thursday 11 Nov, 2:30pm



Top predators, biodiversity conservation, and Australia's mammal extinction crisis: dingoes, devils and diversity

Prof Chris Johnson School of Zoology, University of Tasmania; and School of Marine & Tropical Biology, James Cook University.

Australia has a terrible record of recent mammalian extinction. This may be about to get much worse, with the impending loss of many species in northern Australia and Tasmania. In this seminar I will review this problem, and develop the argument that loss of top predators is its ultimate cause. I will then make the case that restoration of the ecological services provided by dingoes and Tasmanian devils could prevent further losses and allow the partial restoration of mammal diversity on mainland Australia.

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