

**Talk at the Threatened Species Forum (Northern Agricultural Catchments Council),**

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**Mesoscale Feral Cat Control in the Southern Jarrah Forest Using Felixer Traps**

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**Abstract**

Effective and sustainable control of feral cats is the key to the long-term conservation of numerous native species outside of fenced enclosures. We will report on the results of the first stage of a meso-scale trial of Felixer™ cat grooming traps in the southern jarrah forest. Six to eight Felixer™ traps were deployed for 8 weeks over two 13,000ha sites. Felixer™ trap deployment was informed from feral cat density and movement data in this habitat type with the SECR Design R package used to simulate the likely results of the Felixer™ deployment. Feral cat density and activity was monitored using 50 remote cameras set across the sites, with an additional control site also monitored. Safe mode testing confirmed that the Felixer™ traps are extremely safe for native species in this area with only 1 mis-identified target, a tammar wallaby, from 1953 triggers.