

**Supplementary Material**

**What can wildlife-detection dogs offer for managing small mammalian predators?**

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**Table S1.** Published studies describing the use of wildlife detector dogs to detect small mammalian predators. Studies are listed by region, target species, whether the target was native or invasive, and whether dog teams were used for detection and intervention, or detection only.

<b>Region</b>	<b>Target animal(s)</b>	<b>Native / Invasive</b>	<b>Detection / Intervention</b>	<b>Reference</b>
Africa	Cat	Invasive	Intervention	Bester et al. (2002)
Australia	Cat	Invasive	Detection	Algar et al. (2019)
Australia	Cat	Invasive	Detection	Algar et al. (2020)
Australia	Cat	Invasive	Detection	Baker et al. (2021)
Australia	Cat	Invasive	Detection	Johnston et al. (2016)
Australia	Cat	Invasive	Intervention	Johnston and Algar (2020)
Australia	Cat	Invasive	Intervention	McGregor et al. (2016)
Australia	Dasyurids	Native	Detection	Jamieson et al. (2021)
Australia	Dasyurids	Native	Detection	Leigh and Dominick (2015)
Australia	Dasyurids	Native	Detection	Thomas et al. (2020)
Australia	Rats	Invasive	Detection	Priddel et al. (2011)
Central America	Cat	Invasive	Detection	Mesa-Cruz et al. (2016)
Central America	Cat	Invasive	Intervention	Ortiz-Alcaraz et al. (2019)
Central America	Cat	Invasive	Intervention	Wood et al. (2002)
Central America	Margay	Native	Detection	Wultsch and Kelly (2012)
Central America	Margay	Native	Detection	Wultsch et al. (2014)
Central America	Margay	Native	Detection	Wultsch et al. (2015)
Global	Cat	Invasive	Intervention	Campbell et al. (2011)
Global	Cat	Invasive	Intervention	Nogales et al. (2004)
Global	n/a	n/a	Detection	Kelly et al. (2012)
Global	n/a	n/a	Detection	MacKay et al. (2008)
Global	n/a	n/a	n/a	Bennett et al. (2020)
Global	n/a	n/a	n/a	Dahlgren et al. (2012)
Global	n/a	n/a	n/a	Woollett et al. (2013)
Ireland	Martes	Native	Detection	Sheehy et al. (2014)
Japan	Mongoose	Invasive	Detection	Fukuhara et al. (2010)
Japan	Mongoose	Invasive	Intervention	Glen and Hoshino (2020)
Japan	Mongoose	Invasive	Intervention	Mitani et al. (2014)
Japan	Mongoose	Invasive	Intervention	MoE (2021)
New Zealand	Brushtail possum	Invasive	Intervention	Brown and Sherley (2002)

New Zealand	Brush-tail possum	Invasive	Intervention	Cook and Mulgan (2022)
New Zealand	Brush-tail possum	Invasive	Intervention	Cowan (1992)
New Zealand	Brush-tail possum	Invasive	Intervention	Sherley (1992)
New Zealand	Cat	Invasive	Detection	Broome (2009)
New Zealand	Cat	Invasive	Detection	Glen et al. (2016)
New Zealand	Cat	Invasive	Intervention	Fitzgerald and Veitch (1985)
New Zealand	Cat	Invasive	Intervention	Parkes et al. (2014)
New Zealand	Cat	Invasive	Intervention	Recio et al. (2010)
New Zealand	Cat	Invasive	Intervention	Veitch (2001)
New Zealand	Mustelids	Invasive	Intervention	Theobald and Coad (2002)
New Zealand	Brush-tail possum	Invasive	Intervention	Mowbray (2002)
New Zealand	Rats	Invasive	Detection	Glen et al. (2018)
New Zealand	Rats	Invasive	Detection	Gsell et al. (2010)
New Zealand	Rats	Invasive	Detection	Kim et al. (2020)
New Zealand	Rats	Invasive	Detection	Russell et al. (2008)
New Zealand	Rats	Invasive	Intervention	Bassett et al. (2016)
New Zealand	Rats	Invasive	Intervention	Bellingham et al. (2010)
New Zealand	Rats	Invasive	Intervention	Brown (1997)
New Zealand	Rats	Invasive	Intervention	Towns et al. (2009)
New Zealand	Rats, Brush-tail possum	Invasive	Detection	Carter et al. (2016)
New Zealand	Rats, mice	Invasive	Detection	Wilmshurst and Carpenter (2020)
New Zealand	Rats, Mustelids, Cat, European hedgehog	Invasive	Intervention	Brown et al. (2015)
New Zealand	Rats, Mustelids, Cat, European hedgehog	Invasive	Intervention	Wilson et al. (2007)
New Zealand	Rats, Stoat, Cat, European hedgehog	Invasive	Intervention	Griffiths et al. (2015)
New Zealand	Stoat	Invasive	Detection	McMurtrie et al. (2011)
New Zealand	Stoat	Invasive	Detection	Prada et al. (2014)
New Zealand	Stoat	Invasive	Intervention	Brown (2003)
New Zealand	Stoat, Brush-tail possum	Invasive	Intervention	Clout and Russell (2006)
North America	American mink	Native	Detection	Richards et al. (2018)
North America	American mink	Native	Detection	Sutherland et al. (2018)
North America	Cat	Invasive	Detection	Ramsey et al. (2011)
North America	Cat	Invasive	Intervention	Hanson et al. (2010)

North America	Cat	Invasive	Intervention	Hanson et al. (2015)
North America	Gray fox	Native	Detection	Tom (2012)
North America	Martes	Native	Detection	Long et al. (2012)
North America	Martes	Native	Detection	Long et al. (2007a)
North America	Martes	Native	Detection	Long et al. (2007b)
North America	Martes	Native	Detection	Long and MacKay (2012)
North America	Martes	Native	Detection	Moriarty et al. (2019)
North America	Martes	Native	Detection	Purcell et al. (2012)
North America	Martes	Native	Detection	Thompson et al. (2012)
North America	Mustelids	Native	Detection	Dean (1979)
North America	Mustelids	Native	Detection	Reindl-Thompson et al. (2006)
North America	Mustelids	Native	Detection	Winter (1981)
North America	Mustelids	Native	Detection	Zielinski et al. (2020)
North America	San Joaquin kit fox	Native	Detection	Harrison et al. (2011)
North America	San Joaquin kit fox	Native	Detection	Ralls et al. (2010)
North America	San Joaquin kit fox	Native	Detection	Reed et al. (2011)
North America	San Joaquin kit fox	Native	Detection	Smith (2006)
North America	San Joaquin kit fox	Native	Detection	Smith et al. (2006)
North America	San Joaquin kit fox	Native	Detection	Smith et al. (2005)
North America	San Joaquin kit fox	Native	Detection	Smith et al. (2001)
North America	San Joaquin kit fox	Native	Detection	Smith et al. (2003)
North America	San Joaquin kit fox	Native	Detection	Wilbert et al. (2015)
North America	San Joaquin kit fox	Native	Detection	Wilbert et al. (2019)
North America	San Joaquin kit fox	Native	Detection	Woollett (2019)
North America	San Joaquin kit fox	Native	Detection	Woollett (2021)
North America	Swift fox	Native	Detection	Pavur (2016)
South America	Margay	Native	Detection	Michalski et al. (2011)
South America	Oncilla	Native	Detection	DeMatteo et al. (2014)
Subantarctic	Cat	Invasive	Detection	Glen et al. (2022)
Subantarctic	Cat	Invasive	Detection	Robinson and Copson (2014)
Subantarctic	Cat	Invasive	Intervention	Copson and Whinam (2001)
Subantarctic	Rats	Invasive	Detection	Micol and Jouventin (2002)
UK	American mink	Invasive	Detection	Harrington et al. (2010)
UK	American mink	Invasive	Intervention	Moore et al. (2003)
UK	Hedgehog	Invasive	Intervention	Thompson and Ferguson (2019)

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