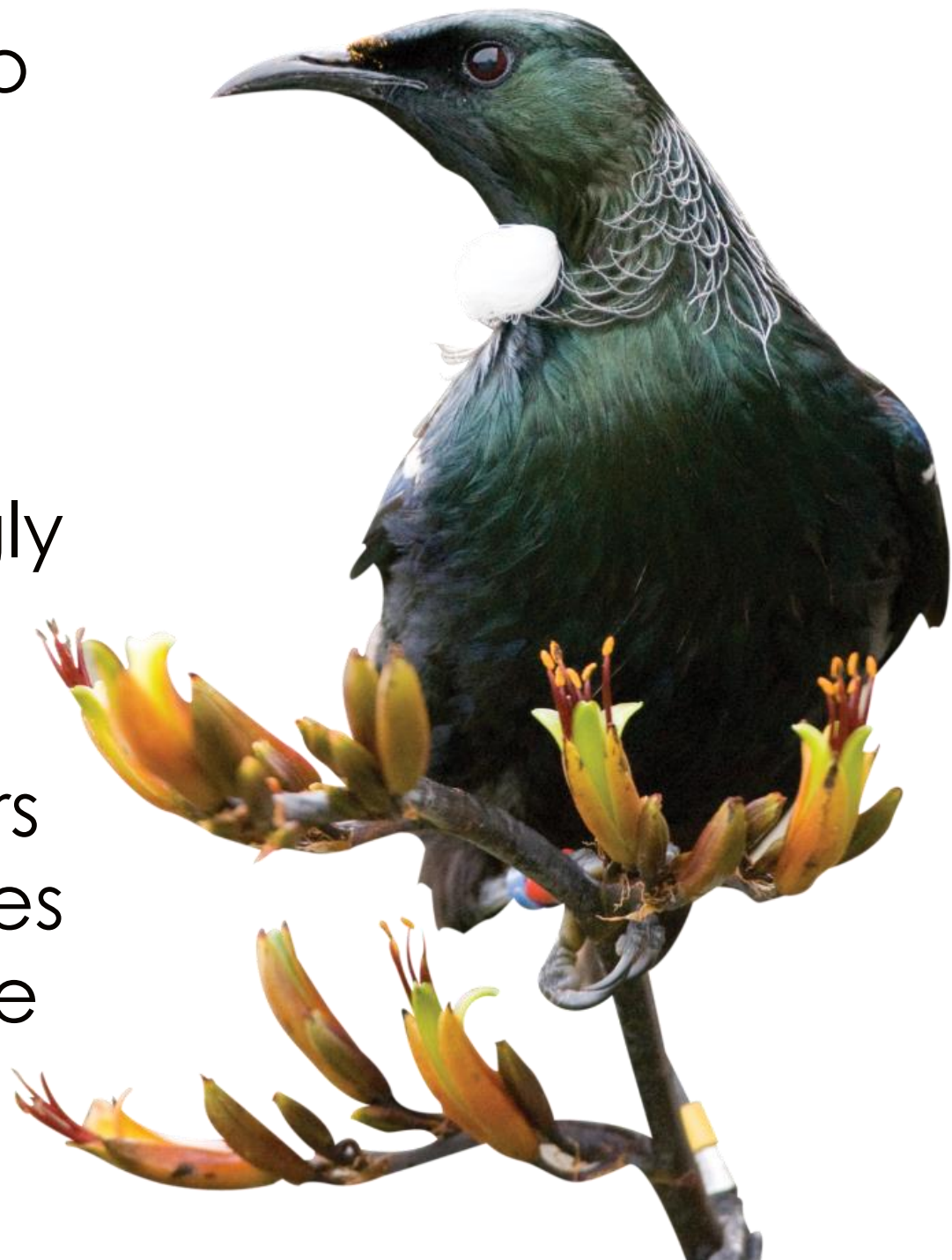




ZIP ZERO
INVASIVE
PREDATORS
Enabling a new future



ZIP's purpose is to secure New Zealand's biodiversity by developing innovative, strongly supported technologies to **remove** predators from mainland sites and **protect** those sites from reinvasion.





ZERO



ZIP TEAM

MANAGEMENT

SCIENCE

ENGINEERING

FIELD TESTING



Wellington

Marlborough Sounds (Bottle Rock Peninsula)

Lincoln

'REMOVE AND PROTECT' MODEL

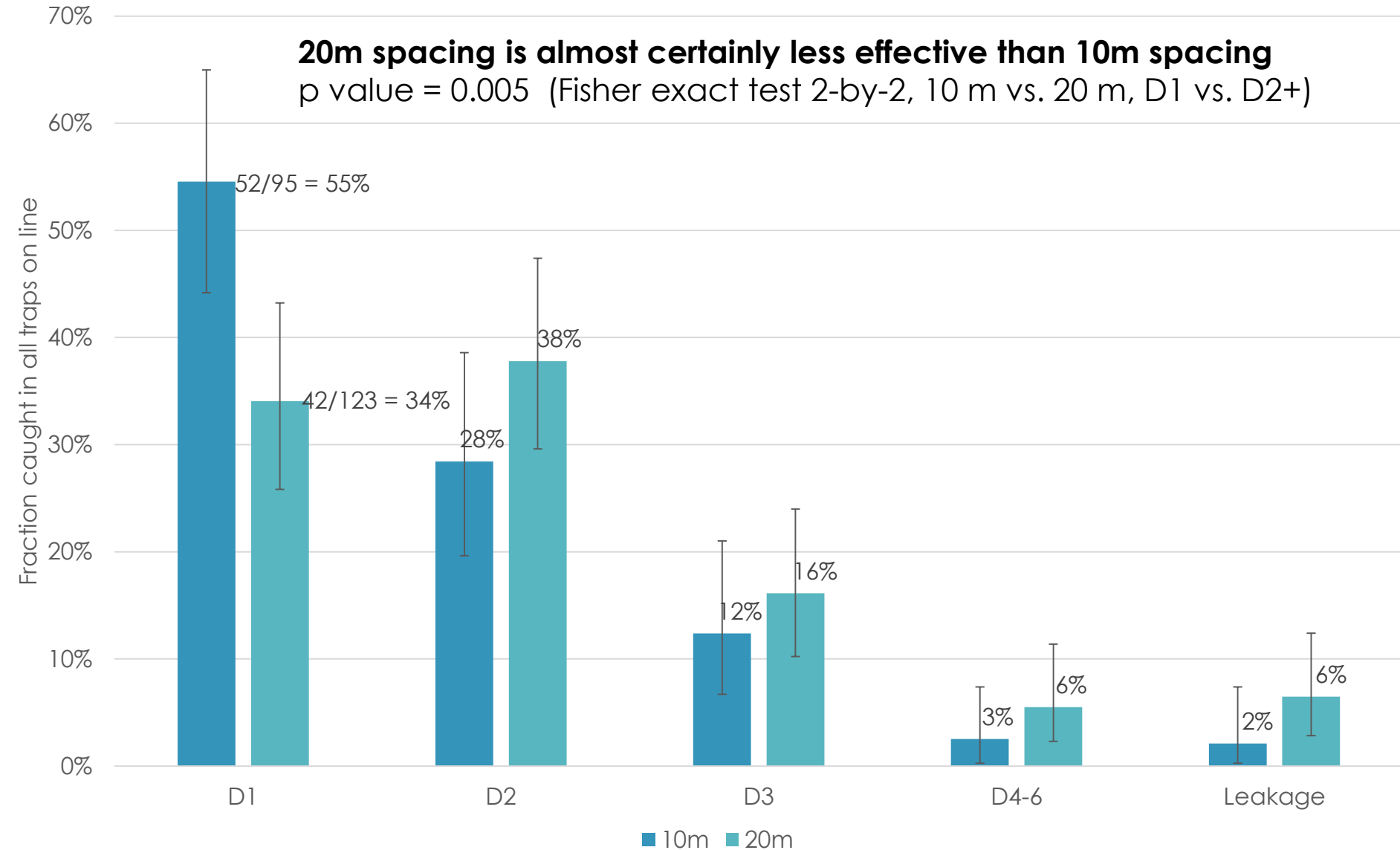


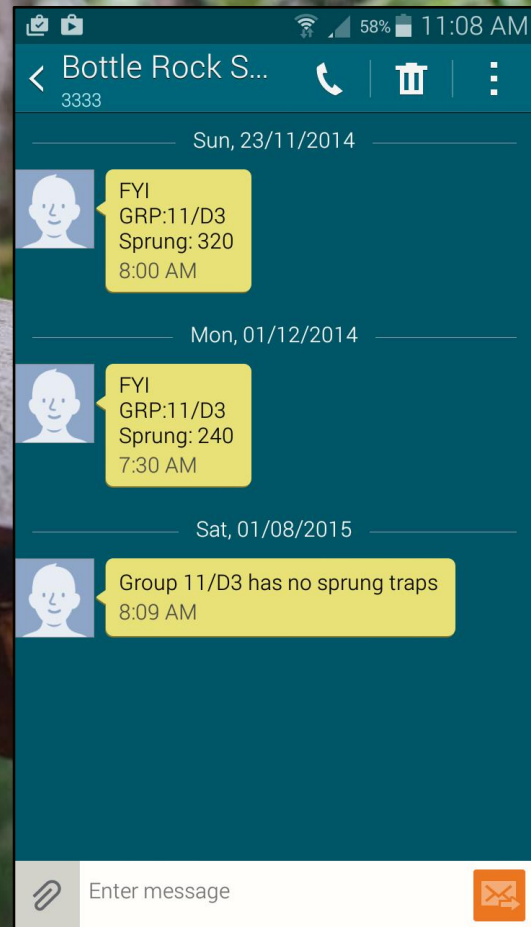
PROTECT



D1 10 M VERSUS 20 M SPACING EXPERIMENT

20m spacing is almost certainly less effective than 10m spacing
p value = 0.005 (Fisher exact test 2-by-2, 10 m vs. 20 m, D1 vs. D2+)





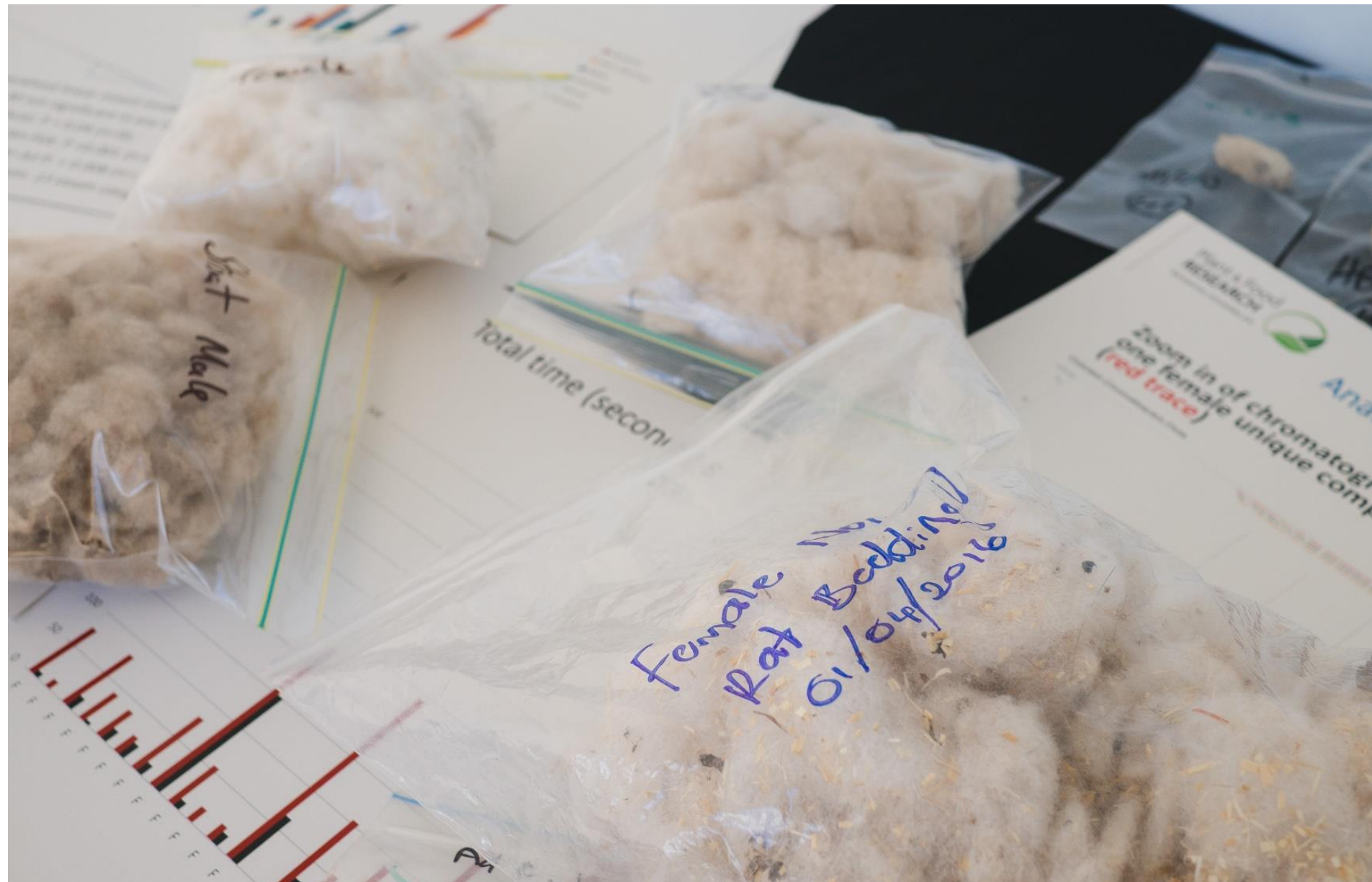
Automated lure dispenser



Light deterrent

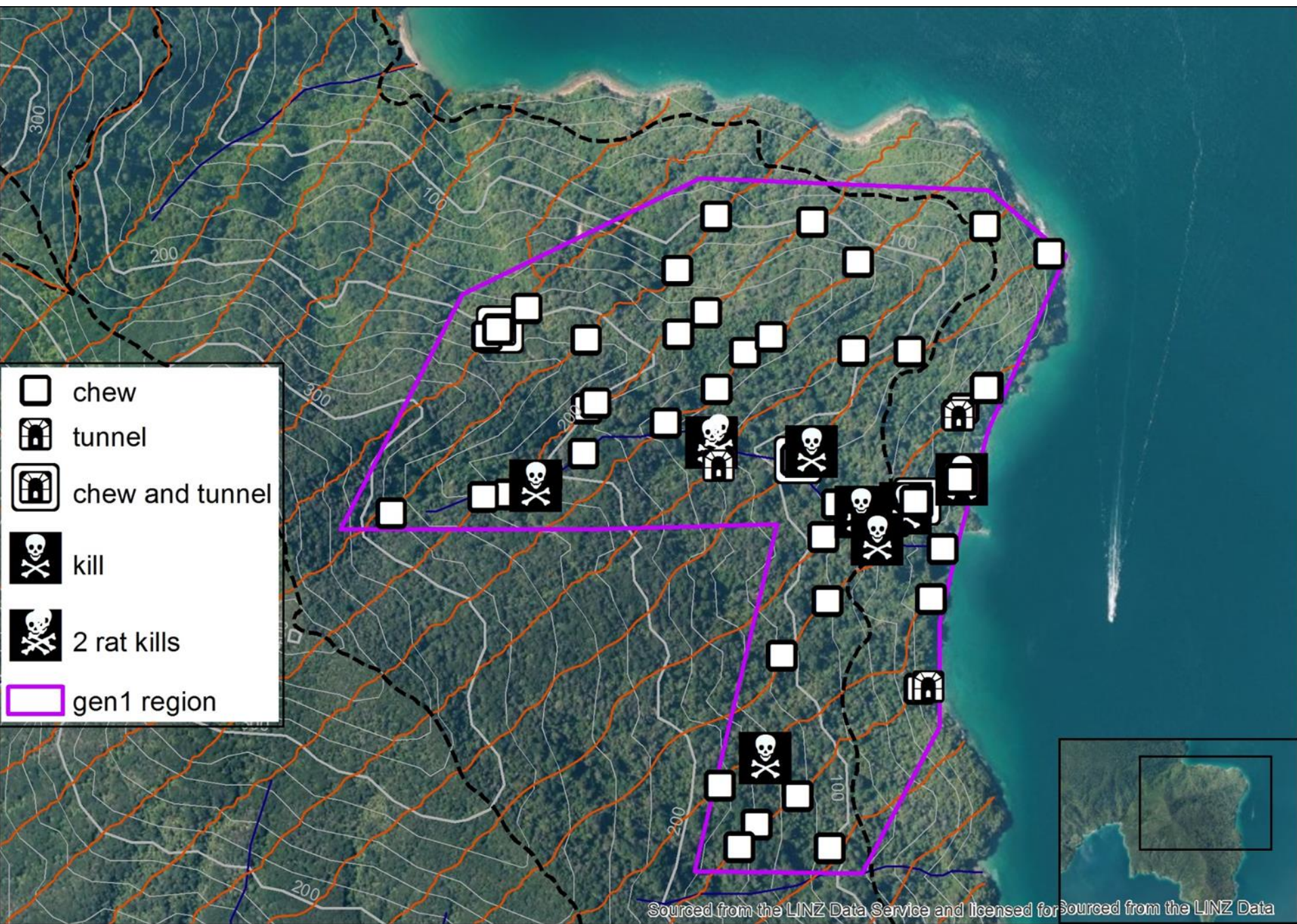


'Social' lures



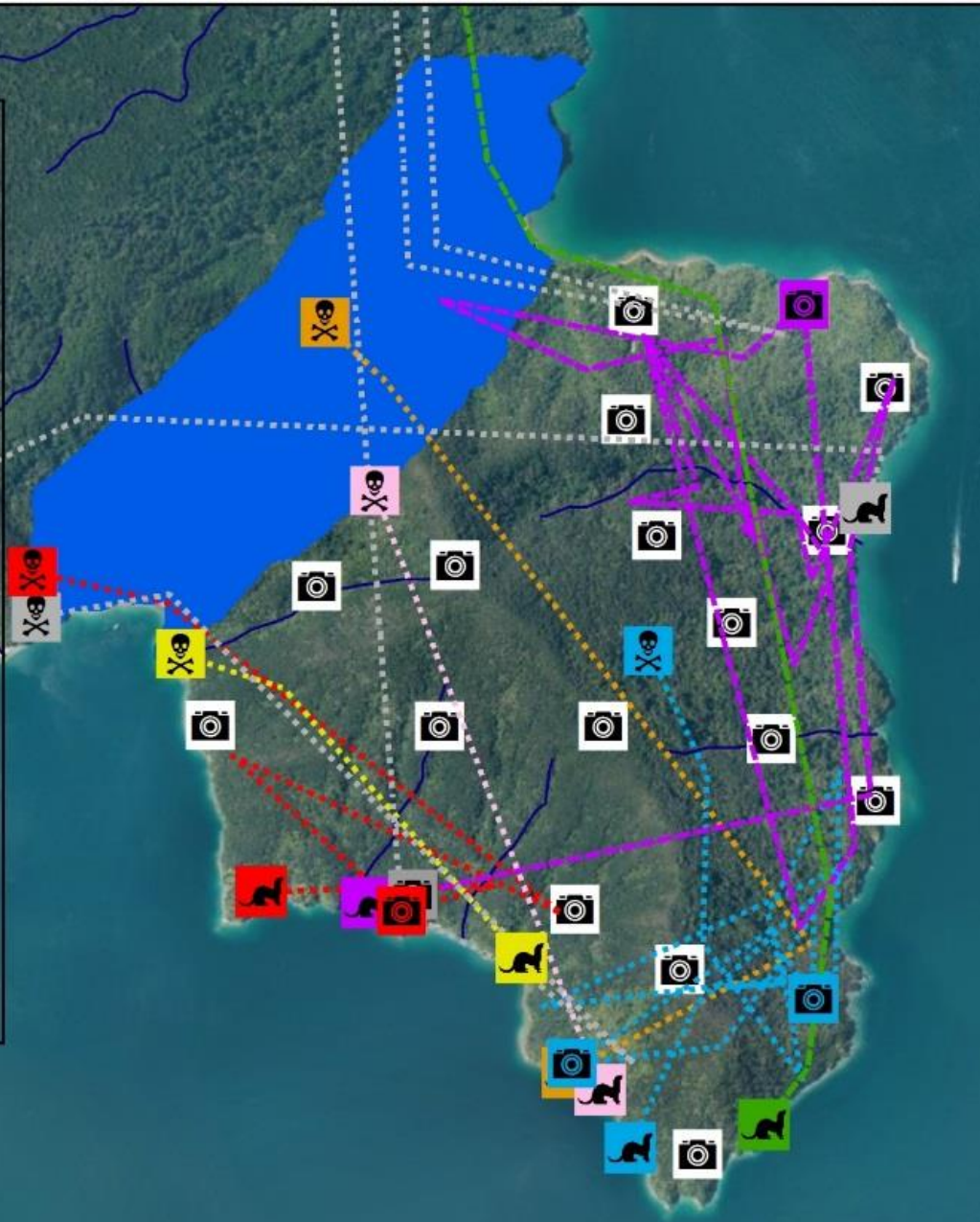
DETECT AND RESPOND







2016/06/04 23:22:12



Time to first recording on camera

	Days active in camera'd area	Days to 1 st (2 nd) recording	Days without recording
Palin	33	6 (25)	
Romney	2	1	
Trump	47	7	
Jonah	21	5	
Kate	5		5
King	14		14
Thelma	4		4
Louise	4		4

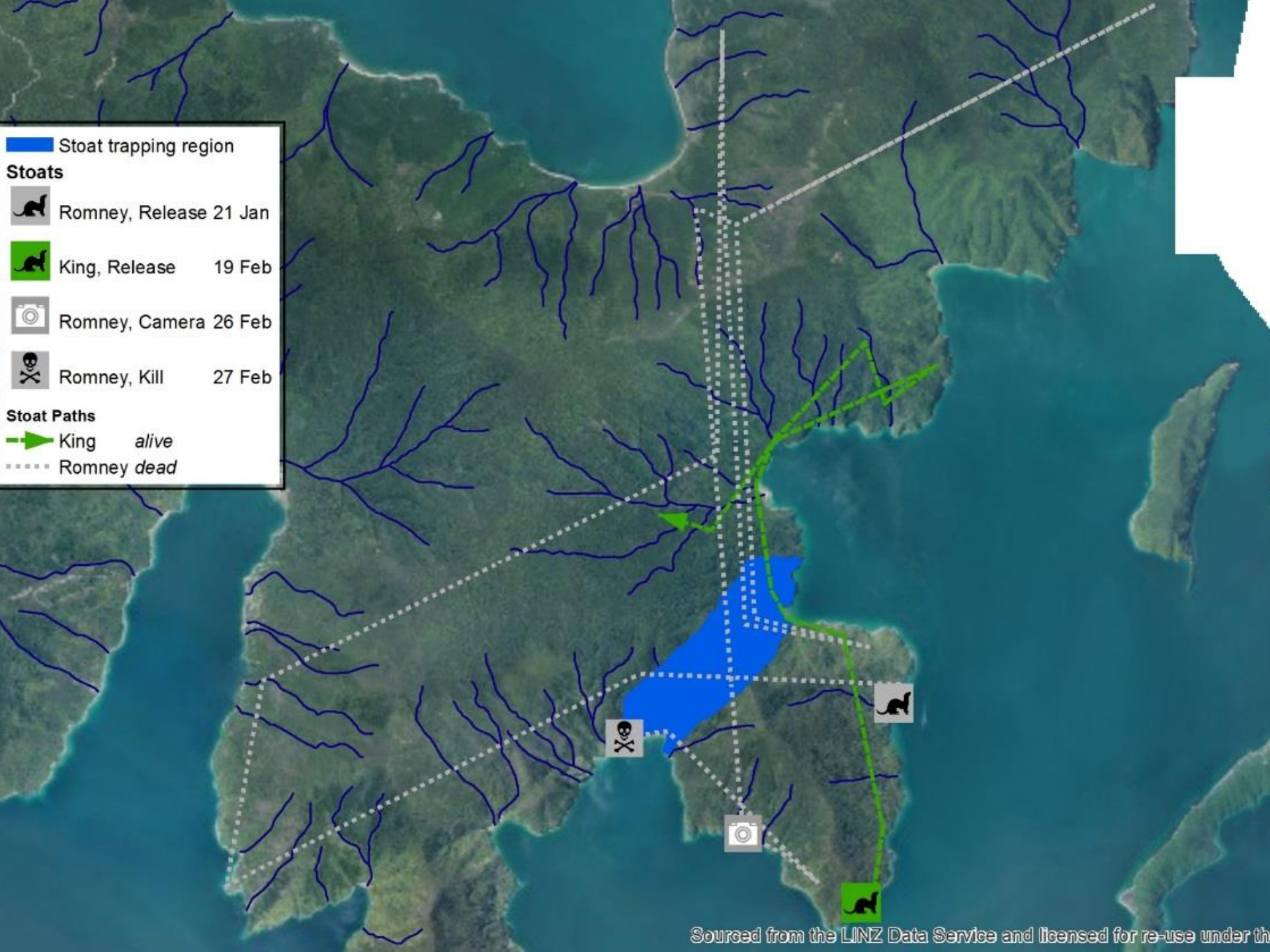
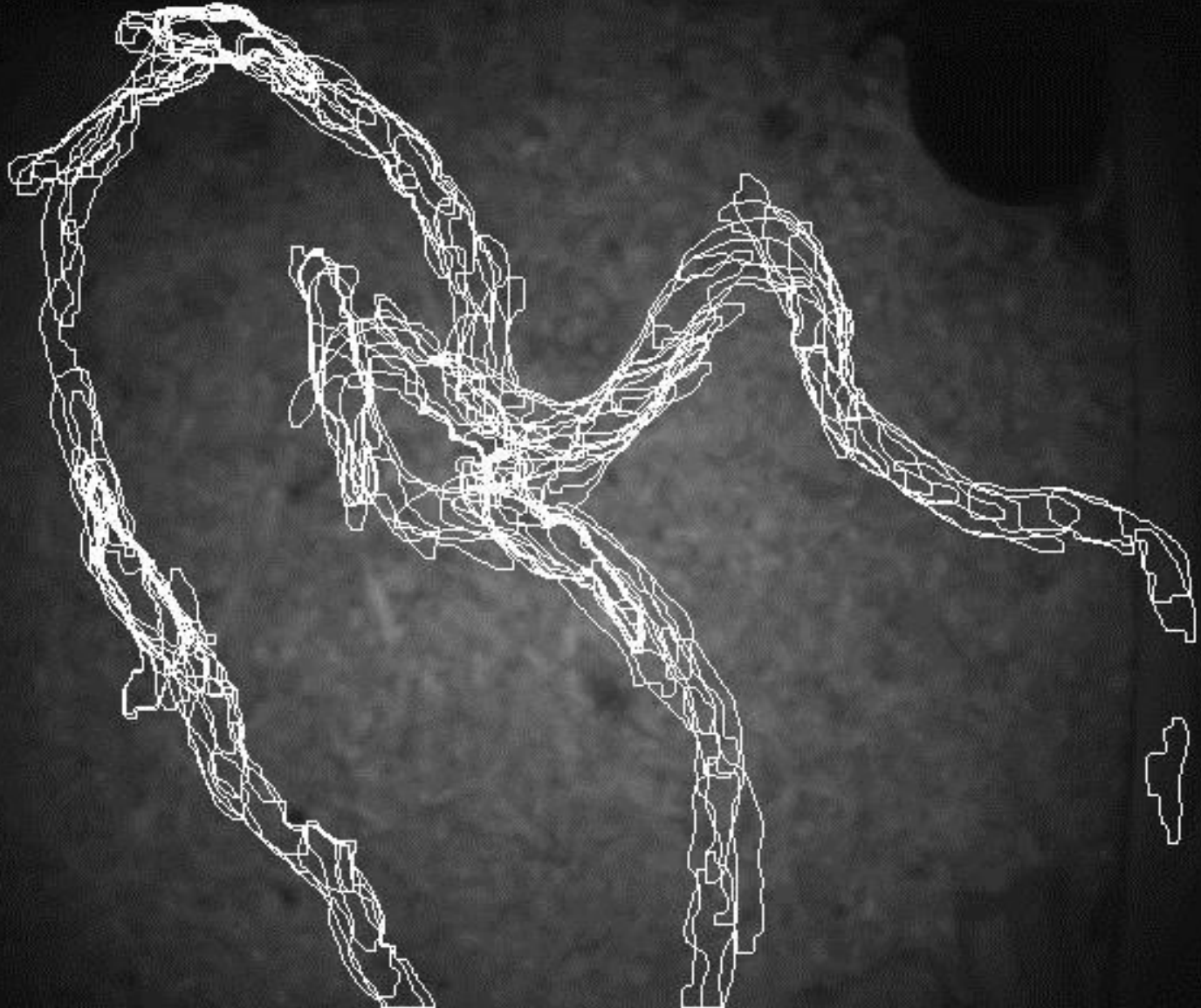
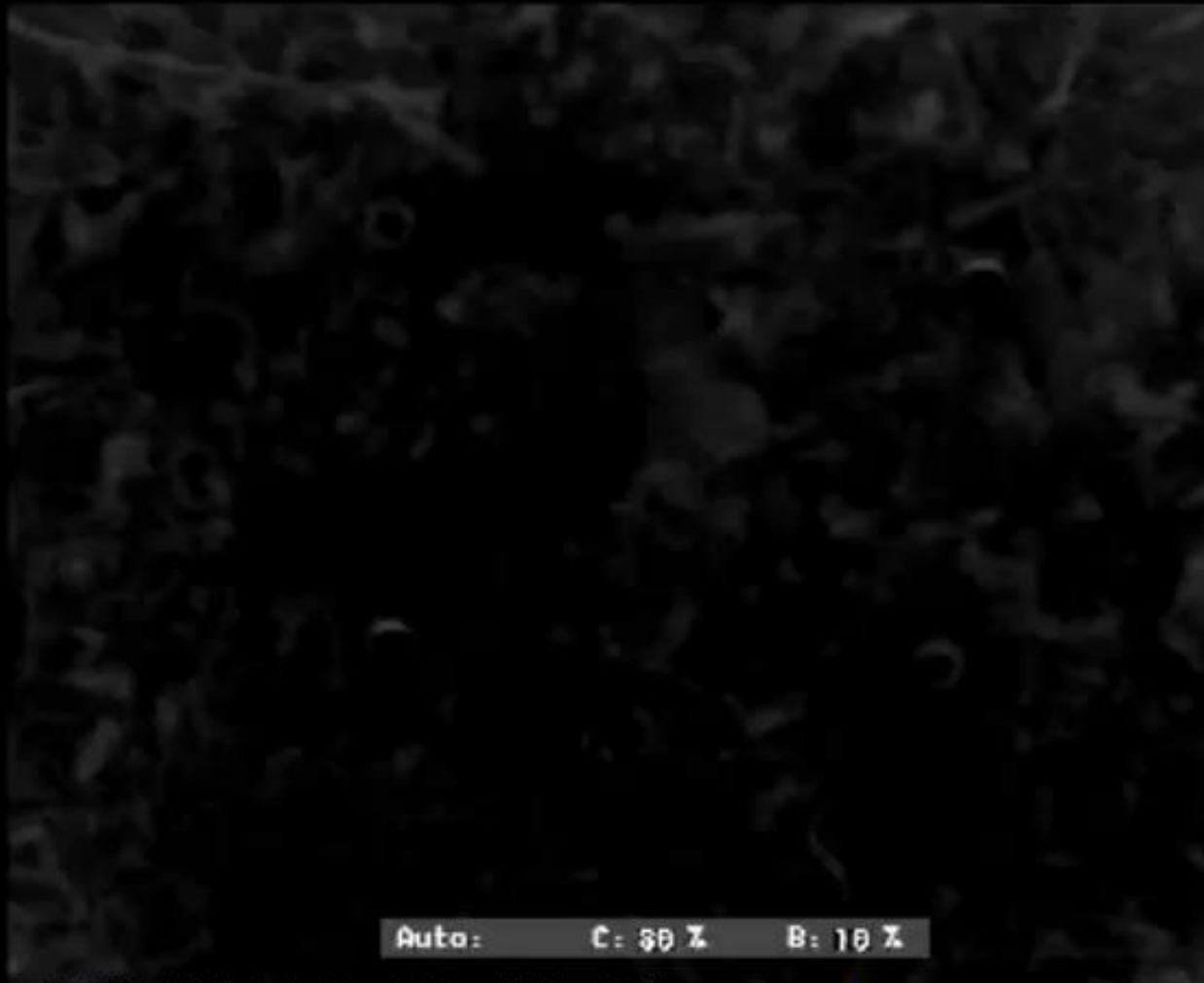


Image recognition



Thermal cameras



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