

Rotokare Scenic Reserve Trust predator trap-catch summary.

Total pests caught at Rotokare Mainland Island 2006

	Jan-06	Feb-06	Mar-06	Apr-06	May-06	Jun-06	Jul-06	Aug-06	Sep-06	Oct-06	Nov-06	Dec-06	Total		GrandTotal	
Stoats	14	1	1	5	4	7	0	1					33	2.8%	117	3.1%
Ferrets	0	0	1	4	0	0	1	0					6	0.5%	12	0.3%
Weasels	1	1	2	2	0	0	0	0					6	0.5%	29	0.8%
Feral cats	2	1	0	3	2	2	1	0					11	0.9%	30	0.8%
Rats	86	91	157	173	55	88	52	85					787	66.7%	2173	57.0%
Hedgehogs	69	19	25	59	27	11	0	1					211	17.9%	829	21.7%
Rabbits	6	3	0	4	0	1	0	2					16	1.4%	92	2.4%
Mice	17	8	13	16	6	19	7	4					90	7.6%	479	12.6%
Possums	0	2	1	1	0	7	3	6					20	1.7%	52	1.4%
Sprung & empty traps	8	0	0	6	11	71	28	32					156		439	
No. of DOC 200 traps	252	252	252	252	252	252	252	252	252	252	252	252	252		252	
No. of Victor traps	399	399	399	399	399	399	399	399	399	399	399	399	399		399	
Total no. of traps	651	651	651	651	651	651	651	651	651	651	651	651	651		651	
Total pests	195	126	200	267	94	135	64	99	0	0	0	0	1180		3813	
Mustelids	15	2	4	11	4	7	1	1	0	0	0	0	45	3.8%	158	4.1%

Trapping and data collection carried out by the **Rotokare Scenic Reserve Trust**.

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BACKGROUND:

This is a project carried out by the Rotokare Scenic Reserve Trust, which has been in operation since June 2004.

TRAPPING SET-UP:

Area: 230ha reserve, and an outer farmland buffer area of an extra ~750ha.

Traps: Single & double-set DOC 200 trap boxes for stoats. Victor Pro rat traps and assorted possum and cat traps.

Trap spacing: 100m for stoat traps, and 50m for rodent traps

Total no. of trap boxes: 651

Check regime: Fortnightly Oct – March (inclusive)

Monthly April – September (inclusive)

Total of 18 checks/year as a minimum; some traps are checked fortnightly year round.

Layout: A trap-line map of the block is available on request via email.



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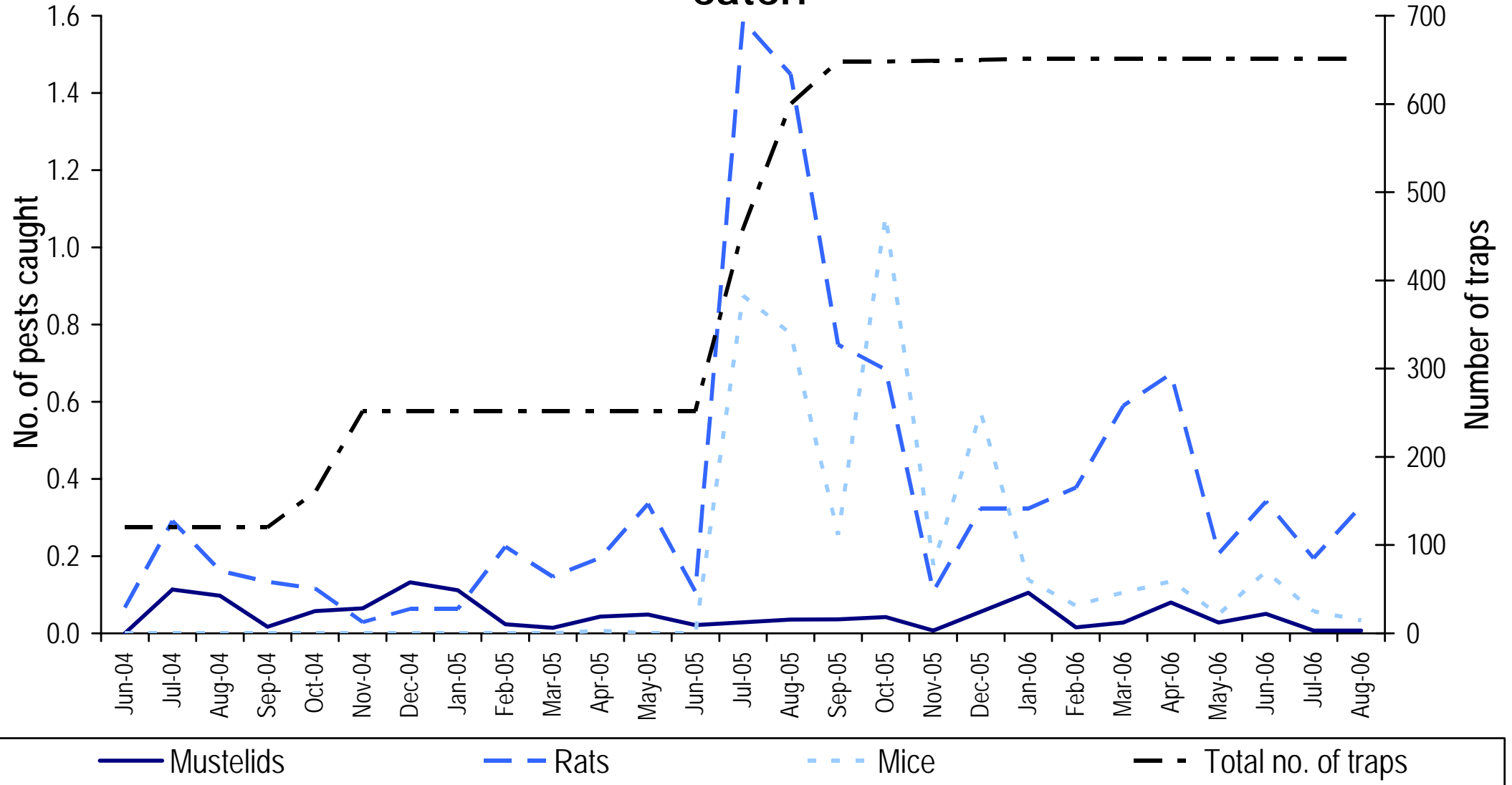
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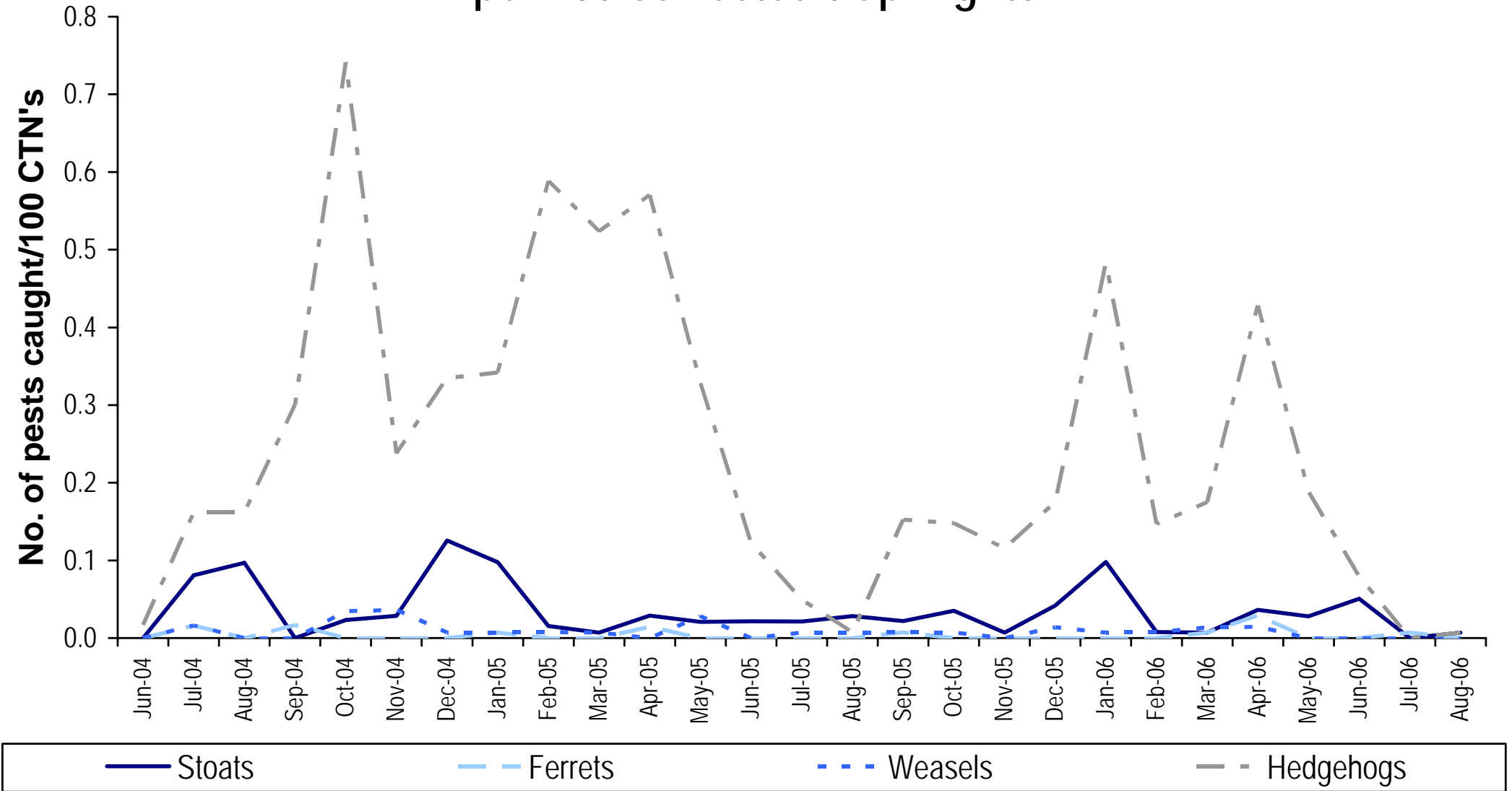


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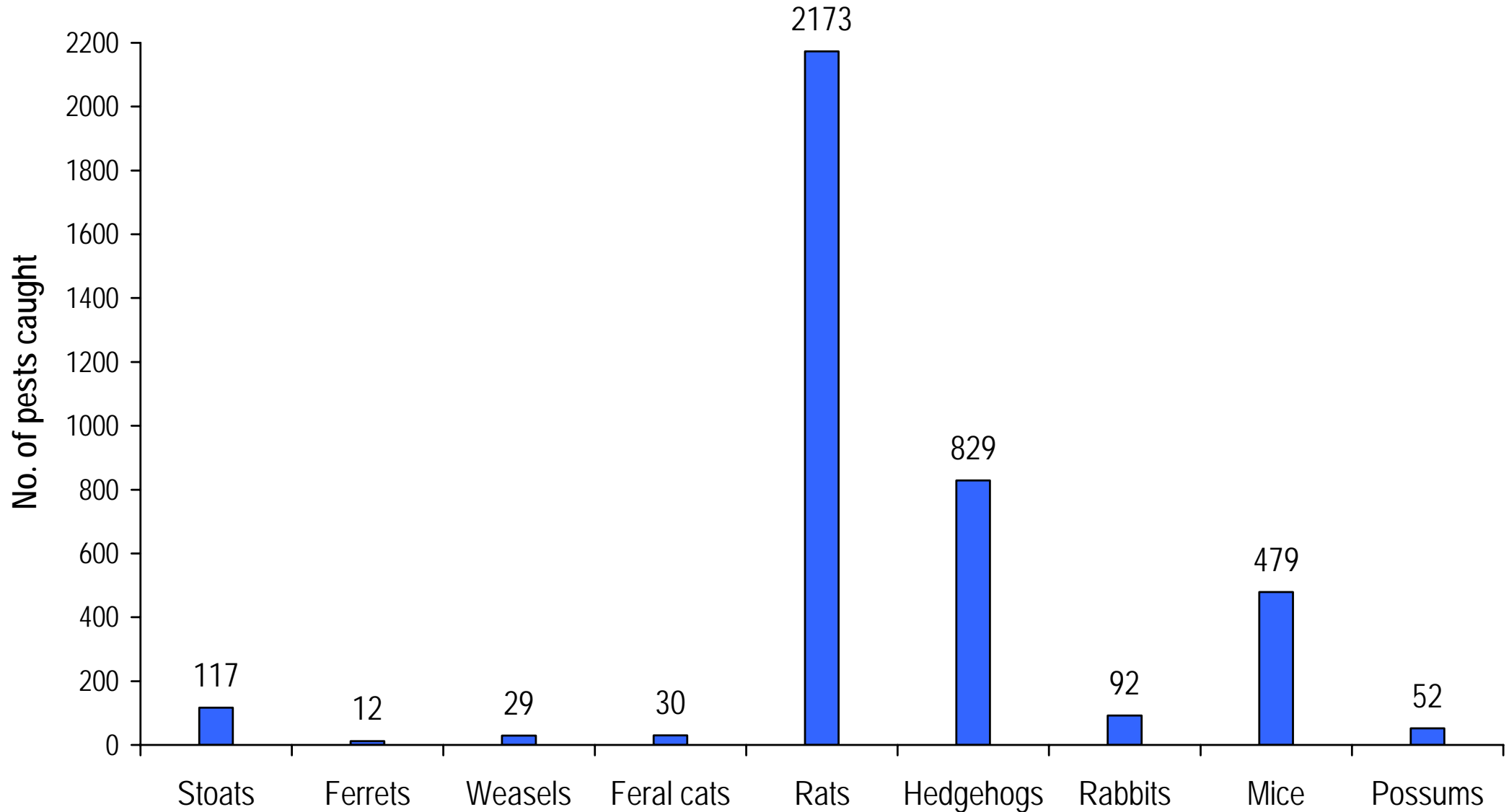
Rotokare Mainland Island mustelid and rodent trap-catch



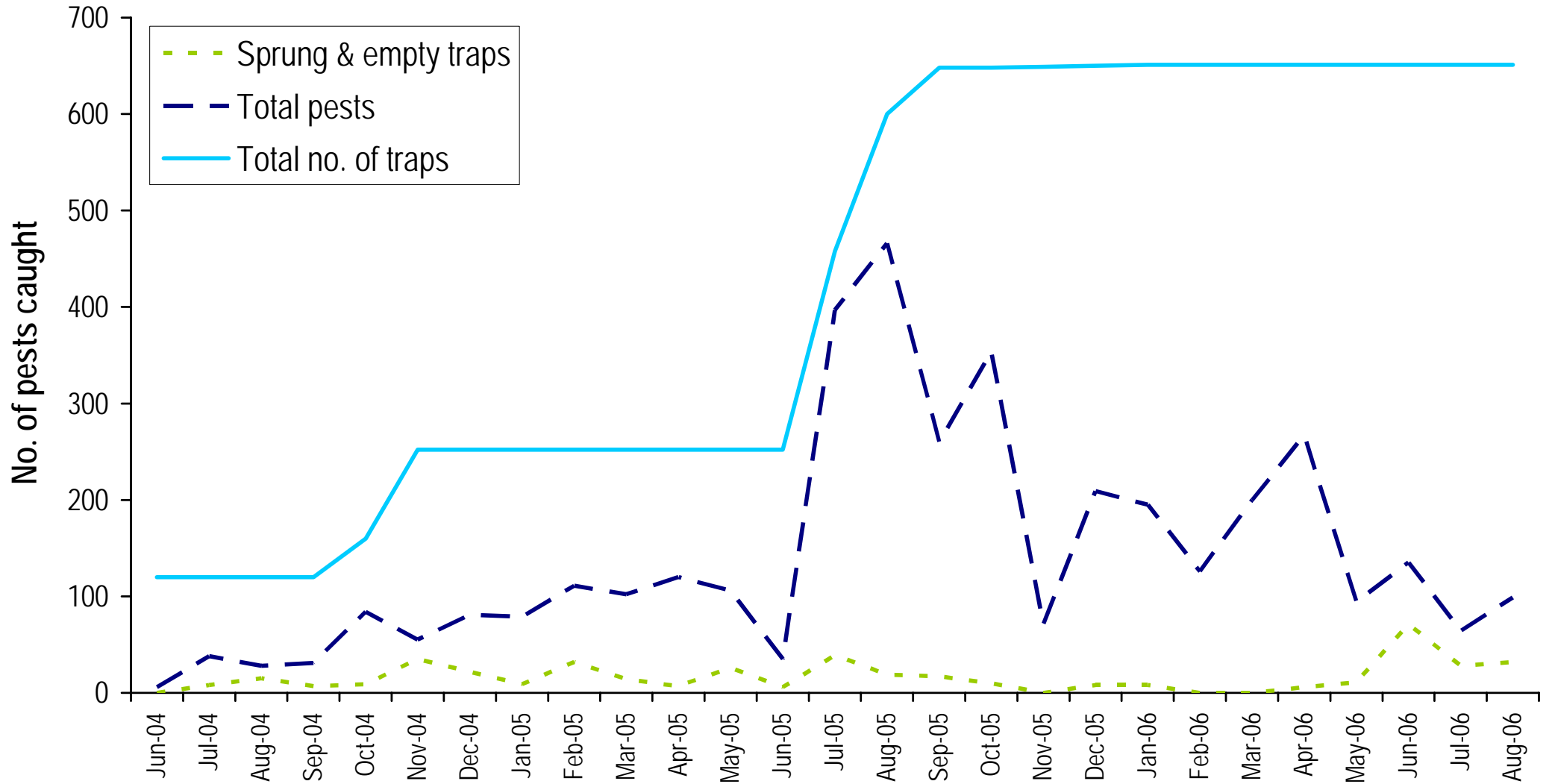
Rotokare Mainland Island mustelids and hedgehogs caught per 100 corrected trap-nights



Rotokare Mainland Island total pest trap-catch



Rotokare Mainland Island total monthly catch, trap no. and sprung & empty traps



Notes:

1. Total catch of pests is still trending down overall, even though trapping effort remains high.
2. The catch of mustelids (stoats, ferrets and weasels) is very low, as expected for this time of year..
3. Catch of rodents (rats and mice) has levelled off at a low level.
4. Please note that because of intense ramping up of trapping effort with a rodent trapping network, catches will appear relatively higher to other projects that only have stoat traps.
5. Hedgehog catch has dropped off, as they are hibernating.
6. The current level of trapping is controlling most pest species in Lake Rotokare Scenic Reserve to low levels.
7. Reporting of sprung and empty traps now seems to be accurate again..
8. Note that reporting data is of the previous month, but using complete data. Data comes to hand in the last week of the month for meeting reporting purposes, therefore the summary appears a month behind.

Total pests caught at Rotokare Mainland Island 2004-05

	Jun-04	Jul-04	Aug-04	Sep-04	Oct-04	Nov-04	Dec-04	Jan-05	Feb-05	Mar-05	Apr-05	May-05	Jun-05	Jul-05	Aug-05	Sep-05	Oct-05	Nov-05	Dec-05	Total		
Stoats	0	5	6	0	2	4	18	14	2	1	4	3	3	3	4	3	5	1	6	84	3.2%	
Ferrets	0	1	0	1	0	0	0	1	0	0	2	0	0	0	0	1	0	0	0	6	0.2%	
Weasels	0	1	0	0	3	5	1	1	1	1	0	4	0	1	1	1	1	0	2	23	0.9%	
Feral cats	1	2	1	0	0	2	1	0	1	2	1	3	0	1	2	1	1	0	0	19	0.7%	
Rats	4	18	10	8	10	4	9	9	29	21	27	48	15	326	361	192	181	28	86	1386	52.6%	
Hedgehogs	1	10	10	18	64	33	48	49	76	75	79	47	17	7	1	21	21	16	25	618	23.5%	
Rabbits	0	1	1	4	5	7	4	5	2	2	5	1	0	3	2	5	11	4	14	76	2.9%	
Mice	0	0	0	0	0	0	0	0	0	0	1	0	0	54	82	30	131	21	70	389	14.8%	
Possums	0	0	0	0	0	0	0	0	0	0	1	0	0	2	13	6	3	1	6	32	1.2%	
Sprung & empty traps	0	8	15	7	9	35	22	9	32	14	7	26	6	39	19	17	10	0	8	283		
No. of DOC 200 traps	120	120	120	120	160	252	252	252	252	252	252	252	252	252	252	252	252	252	252	252	252	
No. of Victor traps	0	0	0	0	0	0	0	0	0	0	0	0	0	206	348	396	396	397	398	398		
Total no. of traps	120	120	120	120	160	252	252	252	252	252	252	252	252	458	600	648	648	649	650	650		
Total pests	6	38	28	31	84	55	81	79	111	102	120	106	35	397	466	260	354	71	209	2633		
Mustelids	0	7	6	1	5	9	19	16	3	2	6	7	3	4	5	5	6	1	8	113	4.3%	