Map 7   Recommended area for extension of animal control programme

A. Littles Clearing - Makahu Saddle population, 1991-97

Date	No. known/Host Mt.beech Red beech		No. caged	Flowering No.	Intensity	Fruiting No.	Intensity	Possum browse No.	Intensity
13/2/91	3	1	0	-	-	-	-	3	high
22/12/91	10	1	4	1	mod	-	-	6	mod
15/1/92	10	1	4	2	mod	-	-	6	mod
16/12/92	12	1	9	1	high	-	-	3	mod
7/1/93	13	1	9	2	high	-	-	4	low
19/12/93	13	1	11	3	low-high	-	-	1	low
24/2/94	21	1	12	-	-	2	low-mod	2	mod
19/4/94	23	1	12	-	-	2	low-mod	3	mod-high
29/12/94	26	2	12	17	high	-	-	5	mod
7/8/95	28	2	12	-	-	-	-	2	low
27/12/95	28	2	12	18	high	-	-	2	low
9/1/96	28	2	12	20	high	-	-	2	low
15/3/96	28	2	12	-	-	11	mod-high	1	mod
3/1/97	28	2	12	22	high	-	-	1	mod
5/2/97	28	3	12	22	high	5+	mod-high	1	high
27/11/97	29	5	12	-	-	2+	low	9	high
22/12/97	29	5	12	21	mod-high	-	-	9	high

B. Example of mistletoe monitoring

MISTLETOE MONITORING FORM

Location: Littles Clearing - Makahu Saddle						Date: 3/1/97	
Grid ref:						Recorder: Geoff Walls	

Site desciption/transect details/monitoring setup:

Regular monitoring inspection in summer, to check flowering and browse signs.

Mistletoe no.	Species	Host	Dimens- ions (wxhxd)	Condition *	Browse (amount#, browser)	Phenology	Comm- ents
2	P. tet	Mt. beech	50x80x50 cm	H	-	smothered in flowers, none open	outgrow- ing cage, very beautiful
13	P. tet	Mt. beech	40x100x 120cm	H	-	120-150 flowers, many new leaves	looking splendid, recovered from browse
25	P. tet	Red beech	c150x100 x170cm	H	-	c50 flowers	flowers bird- opened
11	P. tet	Mt. beech	2 clumps: 25x25x30 40x60x40	A	3, heavily browsed by possum but now recovering	new leaves, no flowers	possum must have got into cage some months ago

Population status and management needs:

Most mistletoes looking good. It's very obvious now though that caging is only a temporary holding technique for the mistletoes, as the pollinating-seed dispersing birds (tui and bellbirds especially) are put off by the netting. The answer is long-term bait station control of possums. Revisit next month.

*	#	
H = healthy	1 = <1% browsed	4 = 70-100% browsed
A = ailing	2 = 1-30% browsed	5 = 100% defoliated/dead
D = dead	3 = 30-70% browsed	