

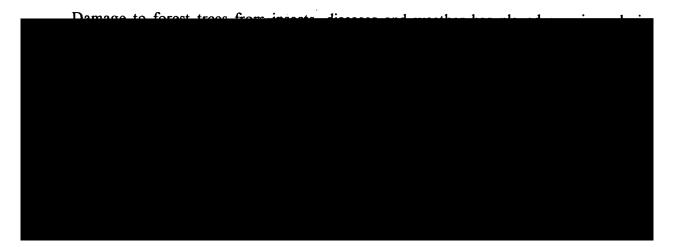
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Abstract

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Introduction



Mount Mansfield Monitoring

There are many different methods for measuring forest pest populations. Some forest pests

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These pests are monitored using oberomone trans (multipler trans with a biolure and a



Soil assured assessed consult in the fall to estimate the constraint since and the incompation of the re-

Yellow sticky traps are used to monitor the timing and duration of adult PT activity above ground,

Mount Manafield and Les Dreak Wildowson Area

AFRIAL SURVEY OF FOREST DAMAGE

Aerial surveys conducted by trained FPR staff during the summer months are used to, detect

OTONIC DIOINIDICATOD DI ANTO

Plants sensitive to ground level ozone are surveyed as part of the National Forest Health

Mount Mansfield

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The Lye Brook Wilderness Area aerial survey detected large areas of birch leaf miner

Plants sensitive to ozone showed symptoms of injury at both the Underhill and Bennington

Acknowledgments

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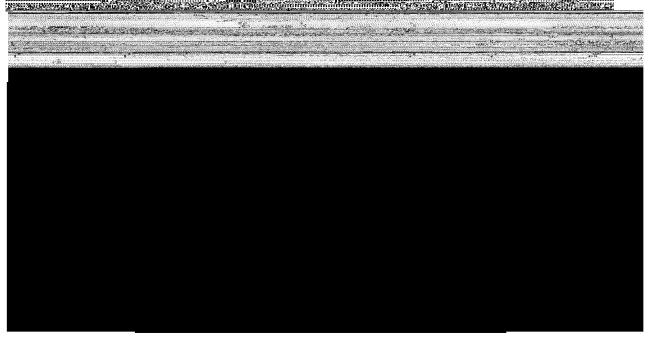
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/R-|Talient-Halsell, N.G. (ed.). 1994. Forest Health Monitoring 1994 Field Methods Guide. EPA/620

Target Pest	Survey Type	Elevation	1991	1992	1993_	115994	1995	1996
Forest	Pheromone	1400'	0	0	0	0	0	
Tent	traps	2200		0	0	0	0	
Caterpillar	•	3800'		0	0	0	0	
Spring	Pheromone	1400'		0	0	0	0	0
Hemlock	traps	2200'		0	0	0	0	0
Looper		3800'		-	0	0	0	0
Fall	Pheromone	1400'		325	80	123	111	49
	traps	2200'		521	-	133	28	232
		3800'		115	0		0	1
Spruce	Pheromone	1400'	19.7		16.0	53.0	11.7	30.3
Budworm	traps	2200'			6.3	16.0	5.0	9.7
		3800'			1.7	18.7	25.7	49.0
Pear Thrips	Adult sticky traps	1400'	8	313	1472	4	37	1

Table 1. Survey results on five forest pests monitored on Mount Mansfield from 1991 to 1996. Results are in average

Table 2. Pear thrips soil populations and resulting damage to sugar manle foliage at the Proctor Manle units Research for the state of the proctor Manle units Research for the state of th



Population based on average number of thring in 10 bulk planter sized camples. Light Damage = 1.20% of lagues affected: Moderate Damage = 31.60% of lag

Figure Forest damage mapped on Mt. Mansfield, 1996.

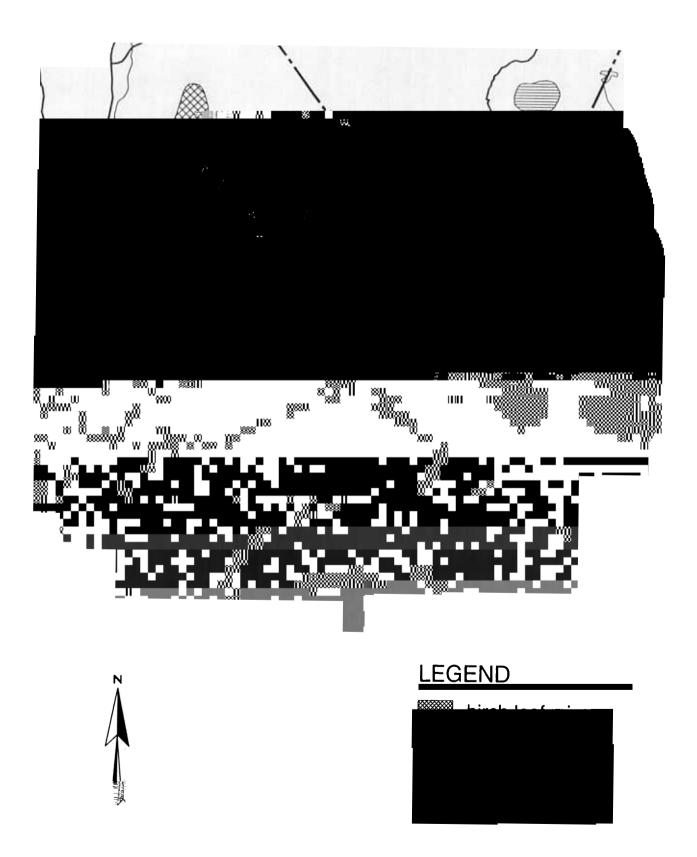


Figure 2. Esteric mere Barnet in June Barnet Villen to Accordingly

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