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PEST REPORT

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MOUNTAIN PINE BEETLE POPULATION FORECAST

NELSON FOREST REGION SPRING 1994

L. Unger & A. J. Stewart
Forest Insect and Disease Survey

Examinations of mountain pine beetle broods were completed in six forest districts in the Nelson Region in Spring 1994. Results indicate static to increasing populations in ongoing infestations in the Golden Forest District, the northern part of the Invermere District, and in new infestations in Cranbrook District, the eastern part of Boundary and southern part of the Arrow districts.

Declining populations were common in only the western part of the Boundary District.

Factors which helped to reduce brood size included high woodpecker predation (especially in older infestations), the cool summer of 1993 which impeded brood production, and population dispersal.

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Overwintering survival and population status of mountain pine beetle in the Nelson Forest Region, 1994

<i>Location</i>	<i>"R"</i>	<i>Status</i>	<i>Location</i>	<i>"R"</i>	<i>Status</i>
<u>Boundary District</u>			<u>Cranbrook District</u>		
Bitter Cr	3.9	Static	Moyie Lk	5.8	Increasing
Mitchener Cr	2.1	Decreasing	Teepee Cr	3.8	Static
Mt. Baldy Rd	1.6	Decreasing	Bull R	3.7	Static
Boundary Cr	1.2	Decreasing			
Beaverdell	0.9	Decreasing			
<u>Arrow District</u>			<u>Invermere District</u>		
Nancy Greene Lk	6.1	Increasing	Mitchell Cr	8.6	Increasing
Deer Cr	4.2	Increasing	Cartwright Lk	6.5	Increasing
			Frances Cr	5.9	Increasing
			Pinnacle Cr	5.6	Increasing
			Parson	3.9	Static
<u>Golden District</u>			<u>Kootenay National Park</u>		
12 Mile Cr	8.3	Increasing	Kootenay Crossing	12.5	Increasing
Waitabit Cr	6.6	Increasing	Dog Lk Trail	4.5	Increasing
Blackwater Ridge	3.8	Static			
