A3

RESULTS OF THE 1992 SUTTLE LAKE WESTERN SPRUCE BUDWORM AERIAL SPRAY PROJECT

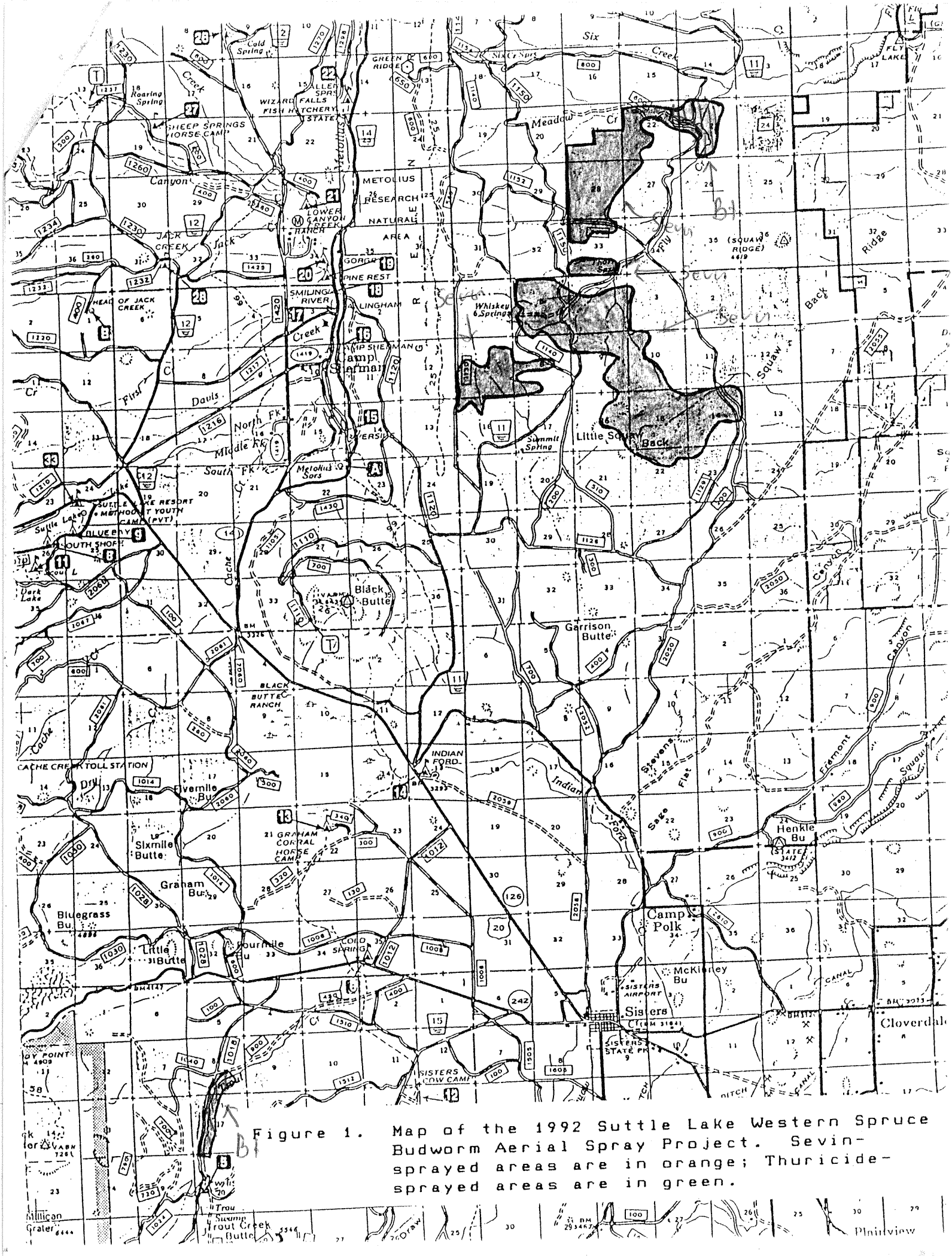

Figure 1. Map of the 1992 Suttle Lake Western Spruce Budworm Aerial Spray Project. Sevin-sprayed areas are in orange; Thuricide-sprayed areas are in green.

Table 2. Summary of Western Spruce budworm populations at pre-and post-spray sampling periods.

Insecticide	Acres Treated	No. Plots	No. Larvae/Pupae per branch tip			
			Pre-Spray		Post-Spray	
			Lower crown	Mid-crown	Lower crown	Mid-crown
Sevin	5,500	50	3.26±0.26	7.26±0.58	0.14±0.04	0.31±0.08
Thuricide	649	29	3.00±0.26	6.69±0.59	0.41±0.08	0.91±0.18
48 LV						
24 BIU's/A						

5500 (.894)
649 (.106)
6149 ac

wt'd mc post-spray density =

(.31 * .894) + (.91 * .106) = .37

(.08 * .894) + (.18 * .106) = .09