

PREVALENCE OF *TRICHINELLA* SP. IN LYNX (*FELIS LYNX*) FROM ALASKA, 1988-1993

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Abstract: Lynx (*Felis lynx*) tongue samples ($N = 1,065$) were collected from seven geographic areas of Alaska during 1988-1993. Specimens were examined for the presence of *Trichinella* sp. larvae by means of enzymatic digestion. Overall prevalence was 21%. Both prevalence and intensity (i.e., number of larvae per gram of host tissue) were directly related to age of the host. Age-specific prevalence ranged from 4% for kittens up to 59% for lynx 5 years of age and older. For infected lynx, intensity ranged from 0.27 larvae per gram (LPG) for kittens up to 2.35 LPG for lynx 3 years of age and older. Location-specific prevalence ranged from 19% to 27%. Year-specific prevalence ranged from 13% to 26%. Prevalence in both males and females was 21%.

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