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## Fecundity and prolificacy of polar foxes on some farms of Northern Poland

### S u m m a r y

The aim of this study was analyses of reproduction parameters on some farms of Northern Poland. Investigations were carried out on 5 farms localized in Pomeranian province. The analyses included data regarding 5515 females polar fox reproduction within the years: 1998-2006. collected from breeding records and oral information given by breeders. These data concerned number of basic pack females, mating system, number of sterile females, aborting, dead, whelped, damaging litters, number of litters, feeding system. In the years 1998-2006, percentage of covered females was in a range of 75 to 100%, with a mean value: 93.48%. The percentage of kittened females ranged from 36.19 to 100%, average 74.61%. Collected reproduction data indicated decreasing number of the young both born and weaned per one female of basic pack. Mean number of born pups in conversion to one female was 5.80 and young weaned per one female of basic pack was 5.14.