Selected reproduction parameters in minks (*Neovison visori*)
of various colour varieties in relation to gestation length

**Summary**

The studies were carried out on a mink farm located in the West Pomeranian Province of Poland. The material comprised reproduction performance data of 17,294 female minks of three colour varieties: Scanbrown, Scanblack and Sapphire, collected on the farm during the period of 2006-2007. The data concerned the following parameters: dates and repetition of matings, gestation length, and litter size. We have analysed the following associations: gestation length in relation to colour type and age, gestation length in relation to colour type and number of matings, gestation length in relation to colour type and the first conception date, and litter size in relation to colour type and gestation length. As a result of the study, it has been found that female age and the first mating date of the selected colour types significantly affect gestation length. Two-year-old females of all the analysed colour types exhibited the shortest gestation period. Females mated after 11 and 12 March had significantly shorter gestations compared to those mated on the first days of March. The number of matings carried out on the farm did not influence significantly the gestation length in any of the studied varieties. A longer gestation negatively affects the litter size, regardless of the variety.