Analyses of macro- and microelements of wild boar meat in three different regions of Hungary

Erika BODNARNE SKOBRAK - University of Szeged, Hungary
Andras JAVOR - University of Debrecen, Hungary
Janos GUNDEL - Budapest Business School, Hungary
Karoly BODNAR - University of Szeged, Hungary

The aim of the study was the comparative evaluation of the chemical composition traits of wild boar meat from three different wild boar populations. The three populations were kept in three wild boar parks with different habitat conditions (Southern Great Plain and Southern and Middle Transdanubian Regions) with special regard to nutritional circumstances. Samples were collected from the m. serratus anterior of the animals. The following chemical parameters of the meat were examined: calcium, phosphorus, magnesium, iron, manganese, zinc, copper, iodine, selenium. We looked for relationship between habitat, the different traits of the animals, and the mineral content of the wild boar meat. It seems that samples from intensive nutritional circumstances and from animals provided with intensive supplementary feed contain more of the studied elements. The habitat and nutritional intensity made significant difference among the examined traits of the different wild boar groups.