PRELIMINARY ANALYSIS OF SOME BIOCHEMICAL PARAMETERS IN BLOOD SERUM OF YOUNG WILD BOARS (*SUS SCROFA L.*) FROM FARMS IN BOSNIA AND HERZEGOVINA

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ABSTRACT

Wild boars are present in the country as game freely living in the nature, but in a controlled breeding as well for the purposes of training hunting dogs. Monitoring the health status of animals is important both from the clinical and from the epidemiological standpoint. Studies of the health status of wildlife in Bosnia and Herzegovina are very rare, and we do not know any earlier information on the study of biochemical parameters of blood of these animals in our country. So our aim was not only to establish starting results but also to affirm similar research. The study was conducted on two farms with 23 and 16 young wild boars. The animals were in good general health condition and lived in a controlled, enclosed part of the natural habitat. After fixing and restraint of animals, blood was sampled from *v. auricularis magna* into vacutainers, without anticoagulant. The serum values of the following biochemical parameters were determined: potassium, sodium, calcium, urea, creatinine, alanine aminotransferase and alkaline phosphatase. The differences as regards activities of certain parameters were evidenced among farms as well as in comparison with the results obtained by other authors. These and other studies aiming the protection of game health, health of domestic animals and humans, should continue in order to obtain more credible results.