

## **Developmental disorders of premolars in red deer (*Cervus elaphus* L.)**

### **Summary**

The paper presents an anomaly of the permanent dentition in male deer harvested in the Lublin Upland region in the 2016/17 hunting season. Developmental disorders affected the first pair of mandibular premolars. Morphological analysis and anatomical analysis based on X-ray imaging revealed that this anomaly cannot be linked to environmental influences or mechanical damage. The teeth were not formed during ontogenetic development. Although it is difficult to identify a clear cause of these anomalies, they are likely due to pathological changes in the tooth buds during embryonic development. The lack of these teeth was not found to significantly affect the individual condition of the stag or the quality of its antlers.

**KEY WORDS:** dental anomalies, red deer, premolars