

SUSTAINABLE MANAGEMENT PRACTICES AND THEIR IMPACT ON THE BEHAVIOUR OF GAME SPECIES

**T. Crăciunaș*, M. Munteanu, D. Tîrziu, M.M. Ciobanu,
P.C. Boișteanu**

"Ion Ionescu de la Brad" Iași University of Life Sciences, Romania

**e-mail: craciunas.traian@gmail.com*

Abstract

The aim of this paper was to assess the impact of sustainable management practices on the ethology of game fauna, by analyzing the specialized literature. The method used consisted of reviewing relevant studies, selected from international scientific sources, that addressed the concepts of game resource management, sustainability principles and associated effects on the behaviour of species of interest. The results of the analysis highlighted the fact that the applied management practices, such as food management, habitat management, species management and predator control, have a direct impact on the behaviour of game fauna, influencing distribution, feeding behaviour, reproductive strategies and social interactions. Also, numerical fluctuations of populations, determined by natural or anthropogenic factors, can be balanced by applying sustainable measures, focused on the precautionary principle and habitat conservation. The analysis showed that habitat loss and fragmentation, pollution and illegal trade remain major risk factors, requiring adapted interventions.

Key words: *game species, ethology, sustainable management, habitat management*