Biological series
Volume 112. Part 6
2007

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BIOTOPE SELECTIVITY AND MOVEMENT FEATURES OF WOLF *CANIS LUPUS* (MAMMALIA, CANIDAE) WITHIN THE FAMILY HOME RANGE IN KALUZHSKIE ZASEKI RESERVE

K.S. Melnik, J.A. Hernandez-Blanco, E.M. Litvinova, M.D. Chistopolova, S.V. Ogurtsov, A.D. Poyarkov

Summary

The aim of the study is to find out what factors determine the movement features and route selection of wolves within the boundaries of their family home range. The study was carried out in "Kaluzhskie zaseki" reserve during 2000—2004. We analyzed 49 tracks of 23 wolves belonging to one family group (a total of 135,5 km). Comparison of the selectivity coefficients for biotopes visited by wolves during real tracks with that for biotopes crossed by random tracks, generated using Monte Carlo simulation, revealed a weak but significant biotope selectivity of wolves en route. Irregular transition of wolves' tracks through various plant associations could be explained by the depth of snow cover, the density of understory, the probability of prey finding in a certain biotope and the location of attractor-points. A tendency towards moving along relief lines was observed. Wolves cross ravines more often during "search for prey—hunting" routes and during playing behavior, rarely-during "straight task-oriented" routes and "patrolling" routes. The frequency of crossing the ravines depends rather on the route type than on the age of individuals in a moving group. The route structure depends both on the route type and the age of individuals in a moving group, at that a combination of these two factors makes a stronger effect on route selection and route structure than each of them alone. Internal organization of the family home range also influences the wolves' route structure. Among the age groups one-year-old individuals are more often observed to move along the roads, glades and rivers. These individuals show less ramified routes and less withdrawing movements than other age groups; they also actively search for traces of presence of other members of the pack. When moving together with adults and pups one-year-old individuals reveal an increased locomotional activity that is expressed in high number of short withdrawing movements, ramifications and turns of tracks probably associated with changes in animals' motivation. Unlike them adults are more self-confident while moving within the family home range, the fact that is expressed in more straight and task-oriented routes with a large amount of ramifications.

THE TRACK RECORD TO NUMBER EUROPEAN HARE IN DAGESTANE

S.A.Plaksa

Summary

In article, the author on the grounds of expert estimation of the number of the european hare, made on designed by him methods, analyses the speaker to number and mining european hare in Dagestane-figure for period 1936—2005 year's. The method of the correlation analysis is revealed level once-personal limiting factor on the number of the european hare. As a result called on work are determined and characterized periods permanent and short changes number and regularities such speakers. Conclusion is made about defining influence climatic factor in speaker of the number of the european hare in Dagestane.

FAUNISTIC REVIEW OF BAGWORMS (LEPIDOPTERA: PSYCHIDAE) OF THE EUROPEAN PART OF RUSSIA

Yu.A. Lovtsova

Summary

This article summarize data from 77 publications about distribution of bagworms (Lepidoptera: Psychidae) in European part of Russia. 67 species of bagworms are listed and classified by distribution in the regions of this territory.

MIGRATION OF VELVET SCOOTER (*MELANITTA NIGRA*) TO MOULT IN EAST-EUROPEAN TUNDRAS

Y.N. Mineev, O.Y. Mineev

Summary

There are examined migrations of Velvet Scooter, which breed in European-Westsiberian, to moult. Ducks are leave breeding ground in end of June — beginning of July, end of this migration take place in first half of August. In Westsiberian region Velvet Scooter migrate from Ob River basin to the north-west in direction of Pechora bay, from Baidaratskaya bay — along sea coast to the west. From Easteuropean tundras Velvet Scooter move to area of water of Barents Sea, concentrating on shallow waters not far from coast. They start fly from these areas to the west. Very good shown migration is registered in area of Russkij Zavorot cape (Pechora bay). By airvisual observations in this area migrate 120 up to 300 thousand ducks.

DISTRIBUTION OF SPECIES OF LARI . IN THE BURYAT AUTONOMOUS REGION OF UST-ORDA

V.V. Popov, V.G. Maleev

Summary

The distribution of gulls, terns and skuas on the territory of the Buryat Autonomous Region of Ust-Orda were studied. Nine species of Lari have been recorded. Two species are nesting (Black-headed Gull and Common Tern), one species is probable nesting (Common Gull), four species pass this region during migration (Little, Heuglin's and Caspian (Mongolian) Gulls, White-winged Black Tern) and two species (Pomarine Skua and Whiskered Tern) have been recorded as vagrants. Heuglin's Gull and Whiskered Tern were found for the first time.

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