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*The edition is prepared with financial support from:*

Saint Petersburg State University,  
Russian Foundation for Basic Research,  
Ministry of the Environment, Finland,  
Association «Migratory Birds  
of the Western Palearctic» (OMPO), France

*The edition is published with financial support from*

*Russian Foundation for Basic Research  
according to the project No. 16-14-00165*



**Migration of Birds of Northwest Russia. Non-passerines** / Ed. by  
G.A. Noskov, T.A. Rymkevich & A.R. Gaginskaya. — St. Petersburg :  
ANO LA «Professional», 2016. — 656 p.

ISBN 978-5-91259-121-1

Bird migration is a grand natural phenomenon which results in a redistribution of biomass and energy flows on the planet. This phenomenon is studied through collection, analysis and interpretation of specific data on the movements of different species of birds in different seasons on different continents. In this regard, Northwest Russia occupies a special position, because here runs the White Sea-Baltic branch of the East Atlantic Flyway. This monograph is based on a wealth of factual material which has been amassed by a group of researchers through years of activities. The authors examine the problem of migration through the prism of the concept of the migratory activity's position in the annual cycle of birds. It is shown that although the forms of migratory activity vary widely, periods of migration are a concrete manifestation of the three original periods of mobility in the annual cycle of seasonal events. A differential approach to the periods of migration activity, in particular a clear distinction between postfledging migration and postnuptial migration, on the one hand, and postmolting migration, on the other, allows to obtain new theoretical knowledge about the evolution of migratory behavior in different ecological and taxonomic groups of the Aves class.

The book is intended for ornithologists, ecologists, conservationists, students, bird lovers.

UDC 591.5+574.91