

BOOK ANNOUNCEMENTS**Vladimir Vladimirov**

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Ivanova, N. (ed.). 2017

Mapping and Assessment of Ecosystem Services of Inland Wetlands in Bulgaria

[Картиране и оценка на екосистемните услуги във вътрешни влажни зони в България]

Institute of Biodiversity and Ecosystem Research, Bulgarian Academy of Sciences, Sofia. 232 pp. Hardback. ISBN 978-954-9746-40-2 (in Bulgarian).

The book has been prepared under the project 'Wetland ecosystem services mapping and assessment in Bulgaria (WEMA)' funded by the Financial Mechanism of the European Economic Area 2009–2014 under Programme BG03 'Biodiversity and Ecosystems'. It aims at outlining the main approaches for mapping and assessment of the ecosystem services of inland wetlands outside the NATURA 2000 network in Bulgaria. The book presents the concept of the ecosystem services, the methodology for assessment and mapping of the wetland ecosystem services in Bulgaria, definition and typology of inland wetlands in Bulgaria, and current assessment of the condition and services provided by the wetlands. Also, it describes abiotic (soil and hydrological regime) and biotic (plant and animal diversity) characteristics of inland wetlands in the country, and it highlights the main threats to these ecosystems. Several annexes are supplemented at the end of the book, e.g. lists of diverse taxonomic groups recorded during the field studies in the target sites. The results presented in the book are believed to be useful to stakeholders for taking of informed decisions about the management and conservation of biological diversity and environment.

Stanev, S. 2017

The Green World of Plovdiv
[Зеленият свят на Пловдив]

2nd revised and completed ed. Paisiy Hilendarki Univ. Press, Plodliv, 206 pp. Paperback. ISBN 978-619-202-262-4 (in Bulgarian).



The book consists of four chapters. The first one, 'Sites with unique plant diversity' presents valuable information about the flora and vegetation of the natural hills in the city of Plovdiv, and of park 'Lauta' and 'Ostrova' site. The author provides a list of the vascular plant species recorded by him on the hills during the past 3–4 decades, as well as a list of the taxa recorded earlier on the same hills by other botanists but unconfirmed by the author in the past 30–40 years. The chapter also

contains an article on the rare and relict plants of Biosphere reserve 'Chervenata Stena' and another one about the botanical reserve 'Hvoynata' – managed reserve 'Izgoryaloto Gyune' (native locality of *Juniperus excelsa*, a 'Vulnerable' species in Bulgaria). The second chapter, 'Rare, protected and included in the Red Data Book plants' includes information about 31 species, e.g. *Juniperus excelsa*, *Saxifraga ferdinandi-coburgi*, *S. stribrnyi*, *Astragalus physocalyx*, *Lathraea rhodopaea*, *Scabiosa rhodopensis*, *Haberlea rhodopensis*, *Morina persica*, *Achillea thracica*, *Tulipa rhodopea*, *Cypripedium calceolus*, etc. In the next chapter, 'Rare and interesting ornamental trees and shrubs', the author presents some of the most interesting cultivated trees and shrubs in the city. The last chapter, 'Eminent naturalists and landscapers', is devoted to some of the persons who had contributed most to the exploration and landscaping of the city and of the region. The book is intended for students, teachers, journalists, Nature-lovers and citizens who are interested in the history, nature and landscaping of the city of Plovdiv and its surroundings.



Stanev, S. 2018

Boris Kitanov. Biobibliography
[Борис Китанов. Биобиблиография]

Paisiy Hilendarki Univ. Press, Plodliv, 148 pp. Paperback. I
SBN 978-619-202-322-5 (in Bulgarian).

Prof. Boris Kitanov (1912–1996) was one of Bulgaria's eminent botanists. This is the first attempt of the author to explore most of the publications about Prof. Kitanov, as well as to analyse Prof. Kitanov's own works and to highlight his contributions in the field of botany. The book contains three chapters. The first one is devoted to the biography of B. Kitanov. A list of all taxa named in his honor is provided as well as of the chronologically arranged most important dates and events in his life and scientific carrier. The second chapter involves annotated bibliography of Prof. Kitanov, which includes 192 scientific works, reviews, student textbooks, popular science articles and interviews, speeches and opinions. The last chapter contains several alphabetical indexes, e.g. of his articles and a thematic index. A list of all taxa described by Prof. B. Kitanov as new to science is supplemented, as well as a list of the plant taxa recorded by him for the first time for the flora of Bulgaria. The book is of interest to professional botanists and palaeobotanists, students and university lecturers who study the flora of Bulgaria, Balkan Peninsula and Cuba.



Tashev, A. & Ilieva, I. 2017.

Latin-Bulgarian Botanical Dictionary
[Латинско-български ботанически речник]

Matkom. 392 pp. Hardback. ISBN 978-619-7423-00-6.

The Dictionary consists of three chapters. The first one is titled 'Conspectus of the vascular flora of Bulgaria' and provides an updated list of all (ca. 4100) species recorded to date on the territory of Bulgaria. The species are arranged alphabetically by their Latin names; Bulgarian common names are provided too. The second chapter includes a Latin-Bulgarian Dictionary of ca. 7000 botanical terms arranged alphabetically. The Dictionary is based mainly on the botanical

terms used in the multivolume edition 'Flora of the Republic of Bulgaria' (11 vols. published so far since 1963). The third chapter includes appendages, e.g. lists of the genera and families in the Bulgarian flora, list of the Latin scientific and Bulgarian common names of ca. 700 ornamental tree and shrub species which are cultivated on the territory of Bulgaria. The Dictionary is intended mainly for students of the University of Forestry in Sofia, however, it will be useful to other students in the country engaged in botanical studies, as well as to botanists, dendrologists, landscapers and anybody interested in the conservation and use of the plant diversity in Bulgaria.

Tzonev, R. & Gussev, Ch. 2017

Manual for Identification and Effective Management of Grassland Habitats (Pastures, Meadows and Permanent Grassland) – Subject of Conservation and Economic Use in Bulgaria

[Ръководство за определяне и ефективно управление на тревни местообитания (пасища, ливади и постоянно затревени площи) – обект на опазване и стопанско ползване в България]

2nd revised and completed ed. Bulgarian Society for the Protection of Birds. Nature conservation series – book 34, Sofia. 140 pp. Paperback. ISBN 978-954-8310-39-0 (in Bulgarian).



Grasslands and associated with them shrub communities occupy some 20% of the territory of Bulgaria. They shelter rich and valuable biological diversity. This *Manual* provides information about the grassland types which are subject to commercial exploitation, e.g. ecological characteristics, distribution in Bulgaria, species composition of the flora and fauna, structure and functions, and the opportunities for their use for agricultural purposes. Also, some specific issues and practical examples have been discussed for the first time in this edition, e.g. the status (in 2009 and 2016) of these habitats in the Ponor site of the NATURA 2000 network after the implementation of environmentally sound management practices, analysis of the implementation of submeasure 'Pastoralism' of the national Rural Development Programme, and a methodology for sustainable collection of wild fruits in the target habitats. Three maps are supplemented, presenting the distribution of the related habitats of the EU Habitats Directive in Bulgaria, as well as of the open (non-forest) territories in the country and particularly in the NATURA 2000 site 'Ponor'. The book is intended for state and local government authorities, NGOs, farmers, researchers, students and all citizens interested in the use and management of grasslands in Bulgaria.

Vladimirov, V. & Petrova, A. (eds) 2017

Photo Atlas of Sparsely Vegetated Ecosystems in Bulgaria

Institute of Biodiversity and Ecosystem Research, Bulgarian Academy of Sciences, Sofia. 96 pp. Hardback. ISBN 978-954-9746-39-6 (in Bulgarian and English).

The *Photo Atlas* has been prepared under the project 'Mapping and assessment of sparsely vegetated land ecosystem services in Bulgaria (SPA-EcoServices)' funded by



the Financial Mechanism of the European Economic Area 2009-2014 under Programme BG03 'Biodiversity and Ecosystems'. It presents in photographs a variety of dune, rock and scree habitats in Bulgaria. Although these habitats are characterized by sparse vegetation, they shelter rich biological diversity, many species of high conservation concern, and landscapes with high aesthetical value, significant for the development of tourism and recreation. The *Photo Atlas* contains two chapters: 1. Coastal sparsely vegetated ecosystems, and 2. Inland sparsely vegetated ecosystems. It is intended mainly for the lovers of Bulgarian Nature who, hopefully, would get to know better the biological diversity of these harsh habitats dominated by sand and rocks.



Vladimirov, V. & Petrova, A. (eds) 2017

Sparsely Vegetated Ecosystems Outside the NATURA 2000 Network in Bulgaria. Condition and Services.

Institute of Biodiversity and Ecosystem Research, Bulgarian Academy of Sciences, Sofia.
104 pp. Hardback. ISBN 978-954-9746-37-2.

Bulgarian edition: **ЕКОСИСТЕМИ
с рядка растителност извън
мрежата НАТУРА 2000 в
България. Състояние и услуги.**

ISBN 978-954-9746-38-9



The book has been prepared under the project 'Mapping and assessment of sparsely vegetated land ecosystem services in Bulgaria (SPA-EcoServices)' funded by the Financial Mechanism of the European Economic Area 2009-2014 under Programme BG03 'Biodiversity and Ecosystems'. It presents the main results of the project. The text is presented in 5 thematic articles: 'Ecosystems and ecosystem services: terminology, international normative documents, main ecosystem types in Bulgaria', 'Methodology for assessment of the condition and services supplied by the sparsely vegetated land ecosystems in Bulgaria', 'Mapping and assessment of sparsely vegetated land ecosystem services in Bulgaria outside NATURA 2000: work approach', 'Coastal sparsely vegetated ecosystems outside NATURA 2000', and 'Inland sparsely vegetated ecosystems outside NATURA 2000'. A map of sparsely vegetated ecosystems outside NATURA 2000 in Bulgaria is provided on p. 36 of the book. It is believed that the book will make the reader more familiar with these habitats and ecosystems in Bulgaria and will contribute to informed decision-making on the preservation of these ecosystems and their services in good condition.