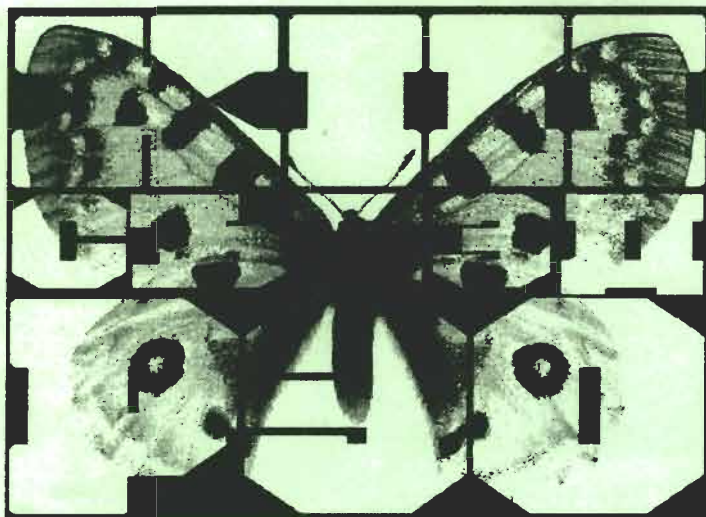


**РОССИЙСКАЯ АКАДЕМИЯ НАУК
РУССКОЕ ЭНТОМОЛОГИЧЕСКОЕ ОБЩЕСТВО
КУБАНСКИЙ ГОСУДАРСТВЕННЫЙ АГРАРНЫЙ УНИВЕРСИТЕТ**

ПРОБЛЕМЫ И ПЕРСПЕКТИВЫ ОБЩЕЙ ЭНТОМОЛОГИИ

**Тезисы докладов XIII съезда
Русского энтомологического общества
Краснодар, 9 – 15 сентября 2007 г.**



**КРАСНОДАР
2007**

УДК 595

Проблемы и перспективы общей энтомологии. Тезисы докладов XIII съезда Русского энтомологического общества, Краснодар, 9 – 15 сентября 2007 г. – Краснодар, 2007. – 420 с.

Problems and perspectives of general entomology. Abstracts of the XIII-th Congress of Russian Entomological Society, Krasnodar, September 9 – 15, 2007. – Krasnodar, 2007. – 420 p.



В сборник включено 428 работ, представленных XIII съезду Русского энтомологического общества (Краснодар, 9 – 15 сентября 2007 г.). В них освещаются проведенные в последнее время в нашей стране и ближнем зарубежье исследования по систематике, филогении, фаунистике, морфологии, физиологии, экологии, этологии, зоогеографии и охране насекомых. Сборник представляет интерес для широкого круга энтомологов, специалистов по защите растений, студентов биологических специальностей, агрономов.

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Ответственный редактор:

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Издание осуществлено при финансовой поддержке РФФИ (проект № 07-04-06067) и департамента сельского хозяйства и перерабатывающей промышленности Краснодарского края

ISBN 978-5-94672-270-4

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Development of an Internet-based information resource on the family Dolichopodidae (Insecta, Diptera)

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[И.Я. Гричанов. Развитие информационного интернет-ресурса по семейству Dolichopodidae (Insecta, Diptera)]

Created in 1999 and hitherto functioning as amateur resource, the Internet-site Dolichopodidae Homepage contains: General Information, Catalogues, Keys, Bibliography, Net Publications, and (since 2004) a Phototheque, etc. (<http://grichanov.fortunecity.com/>). The parts Catalogues and Net Publications contain both original country lists of species, and links to accessible Internet-resources including catalogues and databases, as a rule created for taxa of a higher rank than family. The site is arranged now in 1200 files (about 50 MB), of which 470 are html-files (about 13 MB). At the beginning (1999), an Alphabetic list of scientific names of the family Dolichopodidae (Diptera) of the World compiled by Henk Meuffels (the Netherlands) was the most valuable part of the Site. It was used for the compilation of the first Check list of species of the family Dolichopodidae of the World. In 2003 this list (DoliBank) was published by Grichanov in the Internet and has been regu-

larly updated since, being organized as the alphabetic list of genera with hyperlinks to lists of species with full bibliographic descriptions. It includes now about 250 genera, 7100 valid species (including more than 150 fossil species) and about 10000 lines with other names of species rank. Both lists have been used for the compilation of the Catalog of the Dolichopodidae of America north of Mexico (Pollet et al., 2004) and World catalog of Dolichopodidae (Yang et al., 2006). Since 2005 new entries into the DoliBank are accompanied with the number of types, type depositories and type localities for new and redescribed species. Simultaneously, every registered researcher has begun to receive e-mail Notifications about new entries. In early 2007 all species have been accompanied with data on their general distribution borrowed from the main published catalogs. To escape problems with numerous shifts of specific names from genus to genus, the distribution lists of countries is connected with original species combinations (e.g., with *Musca ungulata* rather than with *Dolichopus ungulatus*). Experience shows that the remote support of the site and regular updating the world taxonomic check list does not demand considerable expenses of time and money from the taxonomist, who is engaged to work mainly in a different field of activity. Publication of species lists and other materials as hypertext and tabular hypertext documents allows data retrieval by use of common search engines to find the site in the Internet by a user query "genus - species". In most cases the necessary page of the site appears in the first place after outputting search results. Thus, the submitted information resource favourably differs from relational databases (such as Fauna Europaea) by a minimum number of steps to receive the resulting data. As soon as the DoliBank will accumulate full data on the number of types, on type depositories and type localities for all species, then it will become a true Internet-based World catalog of Dolichopodidae. The next step in the development of the resource is to publish keys and illustrations to the known species.