

## IN MEMORY OF OLEKSANDR PUTCHKOV



On April 30, 2021, at the age of almost 67, died prof. dr hab. Oleksandr Putchkov – entomologist, outstanding expert in the field of systematics and taxonomy of beetles, long-term head of the laboratory of scientific collections of the Institute of Zoology on behalf of I. I. Schmalhausen at the National Academy of Sciences of Ukraine in Kiev. He survived many (more for 60!) scientific expeditions to the mountains of the Caucasus, Central Asia, Siberia and the Far East, but the raging epidemic killed him.

His death was a heavy loss for the entomological community of Europe, for all his colleagues and friends. Prof. Putchkov was a full member of the Ukrainian, Russian, Austrian and Czech Entomological Societies; since 2007 he was the First Vice President of the Ukrainian Entomological Society.

He have had a great job as a chief-editor of the “Ukrainian Entomological Journal”, as a scientific editor of the “Vestnik Zoologii”, as well as a member of the editorial boards of the “Entomological Review”, “News of the Kharkov Entomological Society” and “Biology and Valeology.”

He was born on the 5th September 1954 in Kiev in the family of the famous Ukrainian entomologists Lydia and Vasily Puchkov, who were one of the leading experts of the former USSR in taxonomy, morphology and evolution of Heteroptera.

After graduating ordinary school in 1974, he entered the Ukrainian Agricultural Academy which he graduated in 1977 with a degree in zoology and entomology. For the next five years he worked as a senior laboratory assistant and agronomist at the Institute of Plant Protection.

In 1982 he entered the graduate school in the Institute of Zoology of Ukrainian SSR Academy of Sciences, which later became his place of work. In 1985, he defended Ph.D. thesis "Coleoptera of the wheat field of the steppe zone of Ukraine."

Since 1985 to 2016 he worked his way up from a junior researcher of the entomology department to the head of the laboratory of scientific fund entomological collections of the Institute of Zoology of the National Academy of Sciences of Ukraine. From July to November 1986 he took part in the liquidation of the consequences of the accident at the Chernobyl nuclear power plant.

Habilitation took place in 2004. The theme of the habilitation was: "Larvae of tiger beetles (Coleoptera, Cicindelidae) of the world fauna and a general overview of sub-tribe Cicindelina of the Palaearctic."

In 2018, he received the title of professor in biological sciences, and in 2020 he became a laureate prize of the I. I. Schmalhausen of the National Academy of Sciences of Ukraine.

His research interests covered the faunistic, taxonomy, morphology, and ecology of ground and tiger beetles (Coleoptera, Caraboidea) of the Palaearctic. He is the author over 265 scientific publications, including six monographs; he described about 20 new taxa of Carabidae and Cicindelidae.

The main object of his studies over the past 30 years has been the larvae of tiger beetles (Coleoptera: Cicindelidae) of the world fauna. During this time, he described the larvae of more than 50 species of all tribes from all the continents.

It is no exaggeration to say that prof. Putschkov was the only specialist in the world on the larvae of Cicindelidae and his death is a truly irreplaceable loss.

During last five years three post-graduate students defended their Ph.D. theses under his supervision.

Over the past seven years, prof. O. Putschkov collaborated with the Pomeranian Academy. He was employed as visiting professor at the Institute of Biology and Earth Sciences. He conducted lectures and tutorials in "Applied entomology."

The cooperation also included scientific research on the fauna of Pomerania, which was presented in 3 scientific articles. The publishing house's plan also includes a joint monograph "The Checklist of ground beetles (Coleoptera, Carabidae) of Poland, Ukraine, Belarus' and Lithuania."

Diligence, fairness and kindness towards colleagues and students are the features that distinguished professor Oleksandr Putschkov in his everyday professional life. His substantive advice, good words and extraordinary sense of humor will always be missing.

*Oleg Aleksandrowicz*

## LIST OF PUBLICATIONS RELATED TO POMERANIA

- Aleksandrowicz O., Putchkov O., 2015. New records of the dune tiger beetle *Cicindela maritima* Dejean, 1822 (Coleoptera, Carabidae) from the Baltic Sea coast. *Journal of Ecology and Protection of the Coastline*, 19, 5-9.
- Aleksandrowicz O., Stachowiak M., Putchkov A. V., 2016. Additions, Corrections and Comments to the Carabidae Part of: I. Löbl & A. Smetana 2003. Catalogue of Palearctic Coleoptera. Vol. 1, Archostemata – Myxophaga – Adephaga for Belarus, Ukraine And Poland. *Ślupskie Prace Biologiczne*, 13, 5-18.
- Putchkov A. V., Aleksandrowicz O. R., 2020. Ground beetles of the tribe Sphodrini Laporte, 1834 (Coleoptera, Carabidae) of the fauna of Eastern Europe. *Entomological Review*, 99 (1), 190-219.

## LIST OF MAIN PUBLICATIONS

### Monographies

- Putchkov A. V., 2003. The tiger beetles larvae (Coleoptera, Cicindelidae) of the world and general analysis of subtribe Cicindelina of Palearctic. The Schmalhausen Institute of Zoology NAS of Ukraine, Kyiv.
- Putchkov A. V., 2018. Ground-beetles (Coleoptera, Carabidae) of transformed cenoses of Ukraine. The Schmalhausen Institute of Zoology NAS of Ukraine, Kyiv.
- Putchkov A. V., 2020. Lichinki zhukov-skakunov (Coleoptera, Cicindelidae) mirovoy fauny (morfologiya, taksonomiya, ekologiya, filogeniya, opredeliteli lichinok faun mira i Palearktiki). LAP LAMBERT Academic Publishing, (in Russian).
- Putchkov O. V., Bryhadyrenko V. V., 2018. Ridkisini tverdokryli nadrodnyy Caraboidea (Coleoptera, Adephaga) Dnipropetrovs'koyi oblasti. Dnipro, Zhurfond, (in Ukrainian).

### Articles

- Arndt E., Cassola F., Putchkov A. V., 1996. Description of the larva of *Eucallia boussirtgaultii* (Guerin, 1843) (Coleoptera: Cicindelidae: Cicindelini). *Bull. de la Société Entomol. Suisse*, 69, 371-376.
- Arndt E., Putchkov A. V., 1994. Description of larvae of the tiger beetle genera *Lophyra*, *Habrodera* and *Neolaphyra* (Coleoptera, Cicindelidae) from Africa. *Eur. Journ. Entomol.*, 91, 407-418.
- Arndt E., Putchkov A. V., 1996/97. Phylogenetic investigation of Cicindelidae (Insecta: Coleoptera) using larval morphological characters. *Zool. Anzeiger*, 235, 231-241.
- Gebert J., Putchkov A. V., 1999. Zur Taxonomie und Verbreitung von *Cephalota schrenki* (Gebier, 1841) sowie Bemerkungen zu *Cephalota jakowlewi* (Semenov, 1895) und *Cephalota deserticola* (Faldermann, 1836) (Coleoptera, Carabidae, Cicindelinae). *Entomol. Nachrichten und Berichte*, 3/4, 217-223.
- Kabak I. I., Putchkov A. V., 1996. New taxa of the genus *Nebria* Latr. from Tien-Shan (Coleoptera, Carabidae). *Zeitschrift der Arbeitsgemeinschaft Oesterreichischer Entomologen*, 48 (3-4), 113-116.
- Kabak I. I., Putchkov A., 1995. Eine neue Carabus (*Leptoplesius*) – Art aus Nord-Kirgisistan (Coleoptera: Carabidae: Carabini). *Entomologische Zeitschrift*, 105 (23), 464-467.

- Komaromi N. A., Nikolenko N. Yu., Putchkov A. V., 2018. The faunistic structure of beetles (Insecta: Coleoptera) in herpetobios of urbocenosis of Kharkiv city (Ukraine). *Ukrainian entomological journal*, 2 (15), 3-21.
- Lobko V. N., Putchkov A. V., 1998. Sezonnaya dinamika aktivnosti zhuzhelits (Coleoptera, Carabidae) na polyakh sakharnoy svekly v usloviyakh Pravoberezhnoy Lesostepi Ukrainy. *Vestn. zoologii*, 9, 86-88, (in Russian).
- Matalin A. V., Putchkov A. V., 2002. Remarks on availability of some names of tiger beetles (Coleoptera, Cicindelidae) of Palaearctic. *Vestnik zoologii*, 36 (1), 97-99.
- Mosyakin S. A., Putchkov A. V., 2000. Itogi i perspektivy izucheniya zhukov (Insecta: Coleoptera) Kryma. *Izv. Khar'kovskogo entomol. Obshchestva*, 8 (2), 38-40, (in Russian).
- Petrusenko A. A., Nikitenko G. H., Putchkov A. V., 1999. Zhuzhelitsy (Coleoptera, Carabidae) plodovo-yagodnykh kul'tur Ukrainy. *Vestn. zoologii*, 10, 61-91, (in Russian).
- Plastun I. N., Putchkov A. V., Gnatush V. I., Filatova N. K., 1988. Entomokompleks ozimoy pshenitsy pri raznykh sistemakh obrabotki pochvy. In: *Ekologiya i taksonomiya nasekomykh Ukrainy*. (Eds.) V. G. Dolin et al. Naukova Dumka, Kiyev, 28-38, (in Russian).
- Putchkov A. V., 1992. The larva of *Harpalus (Artabas) splendens* (Coleoptera, Carabidae). *Vestnik zoologii*, 5, 70-73.
- Putchkov A. V., Gnatush V. I., 1981. Ground beetles (Coleoptera, Carabidae) on wheat fields of the Nikolaev District. *Zoologicheskii Zhurnal*, 60 (5), 783-786.
- Putchkov A. V., 1988. Nekotoryye osobennosti prostranstvennogo raspredeleniya zhestkokrylykh na pshenichnom pole. *Ekologiya*, 6, 68-69, (in Russian).
- Putchkov A. V., 1990. Lichinki zhukov-skakunov podroda *Lophyridia*, *Eugrapha*, *Cylindera* (Coleoptera, Carabidae) yugo-zapada yevropeyskoy chasti SSSR. *Vestnik zoologii*, 4, 12-18, (in Russian).
- Putchkov A. V., 1990. Nekotoryye osobennosti sezonnykh izmeneniy velichiny polovogo indeksa i chislennosti zhuzhelits (Coleoptera, Carabidae) v agrotsenozakh. In: *Struktura i dinamika populyatsiy pochvennykh i nazemnykh bespozvonochnykh zhivotnykh. Mezhvuzovskiy sbornik nauchnykh trudov. Chast' 1*. (Eds.) I. Kh. Sharova et al., MGPI, Moskva, 62-72, (in Russian).
- Putchkov A. V., 1990. Zhestkokrylyye (Coleoptera) pshenichnogo polya yugo-zapada stepnoy zony Yevropeyskoy chasti SSSR. *Entomologicheskoye obozreniye*, 69 (3), 538-549, (in Russian).
- Putchkov A. V., 1992. Novyye nakhodki zhukov-skakunov (Coleoptera, Carabidae, Cicindelinae) v Sredney Azii. *Vestnik zoologii*, 4, 60, (in Russian).
- Putchkov A. V., 1993. Lichinki zhukov-skakunov (Coleoptera, Carabidae, Cicindelinae) podroda *Cicindela* s.str. Russkoy Ravniny i Kavkaza. *Zool. zhurnal*, 72, 7, 52-62, (in Russian).
- Putchkov A. V., 1993. Novyy vid zhuka-skakuna (Coleoptera, Cicindelidae) iz Severnogo Kazakhstana. *Vestnik zoologii*, 3, 80-82, (in Russian).
- Putchkov A. V., 1994. State-of-art and world perspectives of studies on tiger beetle larvae (Coleoptera, Carabidae, Cicindelinae). In: *Carabid beetles: Ecology and Evolution*. (Eds.) K. Desender, M. Dufrêne, M. Loreau, M. L. Luff, J.-P. Maelfait, Springer, Dordrecht, 51-54.
- Putchkov A. V., 1995. A description of the larval stages of *Megacephala (Grammognatha) euphratica armeniaca* (Coleoptera, Cicindelidae). *Zeit. Arbeit. Österr. Entomol.*, 1-2, 36-40.
- Putchkov A. V., 1996. Description of larva of the *Cicindela* (s.str.) *gemmata* (Coleoptera: Cicindelidae) from Russia Far East. *Acta Soc. Zool. Bohem.*, 60, 447-449.
- Putchkov A. V., 1997. Description of the larva of *Thopeutica clara* (Schaum, 1860) (Coleoptera, Cicindelidae). *Zeit. Arbeit. Österr. Entomol.*, 49, 45-46.
- Putchkov A. V., 1998. Obzor karabidofauny (Coleoptera, Carabidae) Ukrainy i perspektivy yeye izucheniya. *Vestn. zoologii*, 9, 151-154, (in Russian).

- Putchkov A. V., 2001. Lichinka zhuka-skakuna *Cylindera* (Eugrapha) *elisae* Motsch., 1859 (Coleoptera, Cicindelidae) i kharakteristika lichinochnykh priznakov podroda. *Rus. entomol. zhurnal*, 10 (3), 323-326, (in Russian).
- Putchkov A. V., 2001. Novyye nakhodki zhuzhelitsy *Laemostenus sericeus tauricus* (Coleoptera, Carabidae) v Ukraine. *Vestnik zoologii*, 35 (1), 94, (in Russian).
- Putchkov A. V., 2008. Obzor zhuzhelitsy roda *Carabus* (Coleoptera, Carabidae) fauny Ukrainy. *Vestnik zoologii*, 42 (3), 207-219, (in Russian).
- Putchkov A. V., 2011. Zhuzhelitsy triby Brachinini (Coleoptera: Carabidae) fauny Ukrainy. *Izv. Khar'k. entomol. o-va*, 19 (1), 11-18, (in Russian).
- Putchkov A. V., 2012. Faunisticheskiy obzor karaboidnykh zhukov (Coleoptera, Carabidae) Ukrainy. *Ukrain's'kiy yentomologichniy zhurnal*, 2 (5), 3-44, (in Russian).
- Putchkov A. V., 2012. Zhuzhelitsy roda *Amara* (Coleoptera, Carabidae) fauny Ukrainy. *Vestnik zoologii*, 46 (5), 395-413, (in Russian).
- Putchkov A. V., 2012. Zhuzhelitsy roda *Cymindis* Latreille, 1806 (Coleoptera, Carabidae) fauny Ukrainy. *Prirodnicхий al'manakh*, 18, 109-121, (in Russian).
- Putchkov A. V., 2013. Obzor zhuzhelitsy triby Nebriini (Coleoptera, Carabidae) fauny Ukrainy. *Entomologicheskoye obozreniye*, 92 (1), 130-141, (in Russian).
- Putchkov A. V., 2013. Obzor zhuzhelitsy triby Platynini Bonelli, 1810 (Coleoptera, Carabidae) fauny Ukrainy. *Ukrain's'kiy yentomologichniy zhurnal*, (6), 3-11, (in Russian).
- Putchkov A. V., 2013. Zhuzhelitsy triby Chlaeniini (Coleoptera, Carabidae) fauny Ukrainy. *Vestnik zoologii*, 47 (6), 547-556, (in Russian).
- Putchkov A. V., 2019. Some patterns in distribution of the ground beetles (Coleoptera, Carabidae) at the agrocenoses of Ukraine. *Ukrainian Entomological Journal*, 2 (17), 46-56.
- Putchkov A. V., Arndt E., 1994. Preliminary list and key of known tiger beetle larvae (Coleoptera, Cicindelidae) of the world. *Mitteilungen der Schweizerischen Entomologischen Gesellschaft*, 67 (3-4), 411-420.
- Putchkov A. V., Arndt E., 1996. Description of the larva of *Oxycheila iristis* (F.) and taxonomical state of the genus *Oxycheila* Dejean, 1825 (Insecta: Coleoptera: Cicindelidae). *Entomol. Abhandlungen Staat. Mus. für Tierkunde Dresden*, 57 (8), 201-206.
- Putchkov A. V., Arndt E., 1997. Larval morphology of genus *Megacephala* Latreille, 1802 (Coleoptera, Cicindelidae). *Beitr. Entomol.*, 47, 55-62.
- Putchkov A. V., Brygadyrenko V. V., Markina T. Y., 2019. Ground Beetles of the Tribe Carabini (Coleoptera, Carabidae) in the main megapolises of Ukraine. *Vestnik Zoologii*, 53 (1), 3-12.
- Putchkov A. V., Cassola F., 1994. The larvae of tiger beetles from Central Asia (Coleoptera, Cicindelidae). *Bull. Mus. civ. St. nat. Verona*, 18, 11-45.
- Putchkov A. V., Kirichenko M. B., Uspenskiy G. E., 2003. Karabidofauna urochishcha "Lysaya gora" g. Kiyeva. *Vestn. zoologii*, 12, 111-113, (in Russian).
- Putchkov A. V., Markina T. Yu., 2018. *Leistus rufomarginatus* (Duftschmid, 1812) (Coleoptera, Carabidae, Nebriini) – ground beetle new to Norway. *Norwegian Journal of Entomology*, 65, 91-93.
- Putchkov A. V., Markina T. Yu., Tolkach I. A., 2010. Predvaritel'nyy obzor karabidofauny (Coleoptera: Carabidae) Natsional'nogo prirodnogo parka "Gomol'shanskiye lesa". *Izvestiya Khar'kovskogo entomologicheskogo obshchestva*, 18 (2), 5-9, (in Russian).
- Putchkov A. V., Matalin A. V., 2003. Subfamily Cicindelinae. In: Catalogue of Palearctic Coleoptera. Vol. 1: Archostemata – Myxophaga – Adephaga. (Eds.) I. Lobl & A. Smetana. Apollo Books, Stenstrup, 99-118.
- Putchkov A. V., Nesterov M. A., 1991. O nekotorykh okhranyayemykh i redkikh vidakh Carabidae (Coleoptera) Sakhalina. *Vestnik zoologii*, 2, 75-76, (in Russian).
- Putchkov A. V., Nytochko M. Y., 2016. Zhuky-skakuny (Coleoptera, Cicindelidae) terrasno-del'tovoy ravniny Nyzhneho Prydneprov'ya. Zbirnyk naukovykh prats' Kharkivs'koho

- natsional'noho pedahohichnoho universytetu imeni H.S. Skovorody. *Biolohiya ta valeolohiya*, 18, 62-75, (in Russian).
- Putchkov A. V., Plastun I. N., 1989. Lichinki zhuzhelits (Coleoptera, Carabidae) pshenichnogo polya yuga Ukrainy. In: Fauna, sistematika i ekologicheskiye osobennosti nasekomykh Ukrainy. Sb. nauch. tr. UEO. (Eds.) V. G. Dolin et al., Kiyev, 37-42, (in Russian).
- Putchkov A. V., Shilenkov V. G., 1996. Description of larva of *Cicindela* (s.str.) *coerulea nitida* (Coleoptera: Cicindelidae). *Acta Soc. Zool. Bohem.*, 60, 451-453.
- Putchkov A. V., Shilenkov V. G., 1992. Lichinka zhuka-skakuna *Cicindela asiatica* Aud. et Brülle (Coleoptera, Carabidae). *Vestnik zoologii*, 2, 71-73, (in Russian).
- Putchkov A., 2011. Ground beetles of the Ukraine (Coleoptera, Carabidae). In: Carabid Beetles as Bioindicators: Biogeographical, Ecological and Environmental Studies. (Eds.) D. J. Kotze, T. Assmann, J. Noordijk, H. Turin, R. Vermeulen. *ZooKeys*, 100, 503-515.
- Putchkov A. V., 1991. Lichinki zhukov-skakunov gruppy *Cicindela silvatica* yevropeyskoy chasti SSSR. *Zool. zhurnal*, 5, 149-156. (in Russian).
- Putchkov O. V., 2009. Zhuky-saprofahy (Insecta: Coleoptera) ahrotsenziv Ukrayiny. Zbirnyk naukovykh prats' Kharkivs'koho natsional'noho pedahohichnoho universytetu imeni H.S. Skovorody. *Biolohiya ta valeolohiya*, 11, 81-88, (in Ukrainian).
- Zhuravel N., Polchaninova N., Lezhenina I., Droghvalenko O., Putchkov A., 2016. Preliminary survey of the ground-dwelling arthropods of the flood-plain meadows in the southeast of Poltava region (Ukraine). *Biological Bulletin of Bogdan Chmelnytsky Melitopol State Pedagogical University*, 6 (3), 5-17.