

Elżbieta Warchałowska-Śliwa
<https://orcid.org/0000-0001-7812-1644>

Heller K.-G., Chobanov D., **Warchałowska-Śliwa E.**, Hemp C. 2022. Review of song patterns and song production in armoured ground crickets (Orthoptera: Tettigoniidae: Hetrodini) with karyological data and taxonomic notes. Zootaxa 5120(4): 451-481.

Ingrisch S., Heller K.-G., **Warchałowska-Śliwa E.**, Liu C. 2021. On the biology of the high-altitude katydid *Anormalous zhangi* Liu, 2011 (Insecta: Orthoptera, Tettigoniidae, Phaneropterinae) from Yunnan: Development, Behaviour, Stridulation, Chromosomes, Systematics: 205-215. In book: HARTMANN, M.; M. V. L. BARCLAY & J. WEIPERT (eds): Biodiversität und Naturausstattung im Himalaya VII; 205-215 pp. Publisher: Verein der Freunde & Förderer des Naturkundemuseums Erfurt e.V., Erfurt, ISBN 978-3-00-069535-3, 594 S.

Warchałowska-Śliwa E., Grzywacz B., Kociński M., Maryńska-Nadachowska A., Heller K.-G., Hemp C. 2021. Highly divergent karyotypes and barcoding of the East African genus *Gonatoxia* Karsch (Orthoptera: Phaneropterinae). Scientific Reports 11: 22781.

Heller K.-G., Baker E., Ingrisch S., Korsunovskaya O., Liu C-H, Riede K., **Warchałowska-Śliwa E.**. 2021. Bioacoustics and systematics of *Mecopoda* (and related forms) from South East Asia and adjacent areas (Orthoptera, Tettigonioidea, Mecopodinae) including some chromosome data. Zootaxa 5005 (2): 101-114.

Grzywacz B., **Warchałowska-Śliwa E.**, Kociński M., Heller K.G., Hemp C. 2021. Diversification of the Balloon bushcrickets (Orthoptera, Hexacentrinae, *Aerotegmina*) in the East African mountains. Scientific Reports 11: 9878.

Cole J.A., Weissman D.B., Lightfoot D.C., Ueshima N., **Warchałowska-Śliwa E.**, Maryńska-Nadachowska A., Chatfield-Taylor W. 2021. A revision of the shield-back katydid genus *Neduba* (Orthoptera: Tettigoniidae: Tettigonninae: Nedubini). Zootaxa Monograph 4910 (1): 001-092.

Heller K.-G., Volleth M., Vedenin V., Maryńska-Nadachowska A., **Warchałowska-Śliwa E.** 2020. A perfect duet? The acoustic behaviour of *Anaulacomera almadaenisi* sp. nov., a species with an unusual chromosome complement, discovered in the footsteps of the explorers Spix and Martius in Brazil. Spixiana 43(1): 105-118.

Warchałowska-Śliwa E., Grzywacz B., Maryńska-Nadachowska A., Heller K.G., Hemp C. 2020. Rapid chromosomal evolution in the bush-cricket *Gonatoxia helleri* Hemp, 2016 (Orthoptera, Phaneropterinae). Comparative Cytogenetics 14(3): 417-435.

Warchałowska-Śliwa E., Rhee H., Heller K.-G., Grzywacz B. 2020. Tribal affiliation of endemic Macaronesian bush-crickets similar to *Tettigonia* (Orthoptera: Tettigoniidae): inference from chromosomes and taxonomy. European Journal of Entomology 117: 157-163.

Grzywacz B., Tatsuta H., Bugrov A.G., **Warchałowska-Śliwa E.** 2019. Cytogenetic markers reveal a reinforcement of variation in the tension zone between chromosome races in the brachypterus grasshopper *Podisma sapporensis* Shir. On Hokkaido Island. Scientific Reports 9: 16860.

Hemp C., Heller K.-G., **Warchałowska-Śliwa E.**, Grzywacz B. 2018. A molecular phylogeny of East African *Amytta* (Orthoptera: Tettigoniidae, Meconematinae) with data on their cytogenetics. Systematic Entomology 43(2): 239-249.

Hemp C., Heller K.-G., **Warchałowska-Śliwa E.**, Grzywacz B., Hemp A. 2018. New genera and New species of Acrometopini (Orthoptera: Tettigonioidea Phaneropterinae) from East Africa and a review of all known stridulatory organs, songs and karyotypes of the tribe. Insect Systematics and Evolution 49: 241-298.

Grzywacz B., Tatsuta H., Shikata K., **Warchałowska-Śliwa E.** 2018. A comparative chromosome mapping study in Japanese Podismini grasshoppers (Orthoptera: Acrididae: Melanoplinae). Cytogenetic and Genome Research 154: 37-44.

Massa B., Heller K.-G., **Warchałowska-Śliwa E.**, Moulin N. 2018. The tropical African genus *Morgenia* (Orthoptera: Tettigoniidae: Phaneropterinae) and its spur in the mid tibia. Deutsche Entomologische Zeitschrift 65(2): 161-175.

Heller K.-G., Hemp C., Massa B., Kociński M., **Warchałowska-Śliwa E.** 2018. *Paraplangia sinespeculo*, a new genus and species of bush-cricket, with notes on its biology and a key to the genera of Phaneropterinae (Orthoptera: Tettigonioidea) from Madagascar. Journal of Orthoptera Society Research 27(2): 143-153.

Heller K.-G., Ingrisch S., Liu Ch-X., Shi F-M, Hemp C., **Warchałowska-Śliwa E.**, Rentz D.C.F. 2017. Complex songs and criptic ethospecies: the case of the *Ducetia japonica* group (Orthoptera: Tettigonioidea: Phaneropteridae: Phaneropterinae). Zoological Journal of the Linnean Society 181(2): 286-307.

Heller K.-G., Ingrisch S., **Warchałowska-Śliwa E.**, Liu C. 2017. The genus *Ectadia* (Orthoptera: Phaneropteridae: Phaneropterinae) in East Asia: description of a new species, comparison of its complex song and duetting behavior with that of *E. fulva* and notes on the biology of *E. fulva*. Journal of Orthoptera Society Research 26(1): 39-51.

Grzywacz B., Heller K.-G., Chobanov D.P., **Warchałowska-Śliwa E.** 2017. Conventional and molecular chromosome study in the European genus *Parnassiana* Zeuner, 1941 (Orthoptera, Tettigoniinae, Platycleidini). Folia Biologica (Kraków), vol. 65(1): 1-8.

Warchałowska-Śliwa E., Grzywacz B., Heller K.-G., Chobanov D.P. 2017. Comparative analysis of chromosomes in the Palaearctic bush-crickets of tribe Pholidopterini (Orthoptera, Tettigoniinae). Comparative Cytogenetics 11(2): 309-324.

Grzywacz B., Heller K.-G., **Warchałowska-Śliwa E.**, Karamysheva T.V., Chobanov D.P. 2017. Evolution and systematics of Green Bush-cricets (Orthoptera: Tettigoniidae: Tettigonia) in the Western Palaearctic: testing concordance between molecular, acoustic, and morphological data. Organisms Diversity and Evolution 17: 213-228.

Grzywacz B., Heller K.-G., **Warchałowska-Śliwa E.**, Karamysheva T.V., Chobanov D.P. 2017. Erratum to: Evolution and systematics of Green Bush-crickets (Orthoptera: Tettigoniidae: Tettigonia) in the Western Palearctic: testing concordance between molecular, acoustic, and morphological data. Organisms Diversity & Evolution 17: 229.

Hemp C., Heller K.-G., **Warchałowska-Śliwa E.**, Grzywacz B., Hemp A. 2017. Review of the African species of the phaneropterine genus *Parapyrrhicia* Brunner von Wattenwyl, 1891 (Insecta: Orthoptera); secret communication of a forest-bound taxon. Organisms Diversity and Evolution 17: 231-250.

Chobanov D.P., Haya S., Grzywacz B., **Warchałowska-Śliwa E.**, Ciplak B. 2017. The Anatatolio-Balkan phylogeographic fault: a snapshot from the genus *Isophya* (Orthoptera, Tettigoniidae). Zoologica Scripta 46: 165-179.

Hemp C., Grzywacz B., **Warchałowska-Śliwa E.**, Hemp A. 2016. Spotted males, uniform females and the lowest chromosome number In Tettigoniida recorded: review of the genus *Gonatoxia* Karsch (Orthoptera, Phaneropterinae). Deutsche Entomologische Zeitschrift 63(2): 271-286.

Hemp C., Grzywacz B., **Warchałowska-Śliwa E.**, Hemp A. 2016. Topography and climatic fluctuations boosting speciation: biogeography and a molecular phylogeny of the East African genera *Afroanthracites* Hemp & Ingrisch and *Afroagraecia* Ingrisch & Hemp (Orthoptera, Tettigoniidae, Conocephalinae, Agraeciini). Organisms Diversity and Evolution 16: 211-223.

Grzywacz B., Hemp C., Heller K.-G., Hemp A. Chobanov D.P., **Warchałowska-Śliwa E.** 2015. Cytogenetics and molecular differentiation in the African armoured ground bushcrickets (Orthoptera: Tettigoniidae: Hetrodinae). Zoologisher Anzeiger 259: 22-30.

Michailova P., Ilkova J., Maryńska-Nadachowska A., **Warchałowska-Śliwa E.** 2015. Characterization of heterochromatin in the salivary gland chromosomem of *Chironomus riparius* Meigen and *Chironomus piger* Strenzke (Diptera, Chironomidae) by differential and fluorochrome staining. Folia Biologica (Kraków) 63: 107-117.

Hemp C., Heller K.-G., **Warchałowska-Śliwa E.**, Grzywacz B., Hemp A. 2015. Review of the *Plangia graminea* (Serville) complex and the description of new *Plangia* species from East Africa (Orthoptera: Phaneropteridae, Phaneropterinae) with data on habitat, bioacoustics, and chromosomes. Organisms Diversity and Evolution 153: 471-488.

Hemp C., Heller K.-G., **Warchałowska-Śliwa E.**, Hemp A. 2015. A new species of *Philoscirtus* (Orthoptera: Phaneropterinae: Mecopodinae) from the West Usambara Montains of Tanzania and its conservation status. Zootaxa 3905(2): 273-282.

Hemp C., Heller K.-G., **Warchałowska-Śliwa E.**, Grzywacz B., Hemp A. 2015. Ecology, acoustic and chromosomes of the East African genus *Afroanthracites* Hemp & Ingrisch (Orthoptera, Tettigoniidae, Conocephalinae, Agraeciini) with the description of new species. Organisms Diversity and Evolution 15: 351-368.

Warchałowska-Śliwa E., Grzywacz B., Maryńska-Nadachowska A. Hemp, C. Hemp. A. 2015. Different steps in the evolution of neo-sex chromosomes in two East African *Spalacomimus* species (Orthoptera: Tettigoniidae: Hetrodinae). European Journal of Entomology 112 (1): 1-10.

Hemp C., Heller K.-G., **Warchałowska-Śliwa E.**, Hemp A. 2014. Description of the female and notes on distribution, habitat, nymphal development, song and chromosomes of *Tripidonotacris grandis* Ragge (Orthoptera: Phaneropterinae). Zootaxa 3893 (4): 569-578.

Grzywacz B., Chobanov D.P., Maryńska-Nadachowska A., Karamysheva T.V., Heller K.-G., **Warchałowska-Śliwa E.** 2014. A comparative study of genome organization and inferences for the systematics of two large bushcricket genera of the tribe Barbitistini (Orthoptera: Tettigoniidae: Phaneropterinae). BMC Evolutionary Biology 14: 48.

Grzywacz B., Heller K.-G., Lehmann A.W., **Warchałowska-Śliwa E.**, Lehmann G.U.C. 2014. Chromosomal diversification In the flightless western mediterranen bushcricket genus *Odontura* (Orthoptera: Tettigoniidae: Phaneropterinae) inferred from molecular data. Journal of Zoological Systematics and Evolutionary Research 52: 109-118.

Warchałowska-Śliwa E., Grzywacz B., Maryńska-Nadachowska A., Karamysheva T., Heller K.-G., Lehmann A.W., Lehmann G.U.C., Chobanov D.P. 2013. Molecular and classical chromosomal techniques reveal diversity in bushcricket genera of Barbitistini (Orthoptera). Genome 56: 667-676.

Chobanov D.P., Grzywacz B., Iorgu I.S., Ciplak B., Ilieva M.B., **Warchałowska-Śliwa E.** 2013. Review of the Balkan *Isophya* (Orthoptera: Phaneropteridae) with particular emphasis on the *Isophya modesta* group and remarks on the systematics of the genus based on morphological and acoustic data. Zootaxa 3658, Monograph: 1-81.

Hemp C., Heller K.-G., **Warchałowska-Śliwa E.**, Hemp A. 2013. The genus *Aerotegmina* (Orthoptera, Tettigoniidae, Hexacentrinae): chromosomes, morphological relations, phylogeographical patterns and description of a new species. Organisms, Diversity and Evolution 13: 521-530.

Hemp C., Heller K.-G., **Warchałowska-Śliwa E.**, Grzywacz B., Hemp A. 2013. Biogeography, ecology, acoustics and chromosomes of East African *Eurycorypha* Stål species (Orthoptera, Phaneropterinae) with the description of new species. Organisms Diversity and Evolution 13: 373-395.

Warchałowska-Śliwa E., Grzywacz B., Maryńska-Nadachowska A., Karamysheva T., Chobanov D.P., Heller K.-G. 2013. Cytogenetic variability among Bradyporinae species (Orthoptera: Tettigoniidae). European Journal of Entomology 110: 1-12.

Michailova P., Szarek-Gwiazda E., Kownacki A., **Warchałowska-Śliwa E.** 2012. Genomic alterations recorded in two species of Chironomidae (Diptera) in the Upper Jurassic limestone area of the Ojców National Park in Poland attributable to natural and anthropogenic factors. European Journal of Entomology 109: 479-490.

Grzywacz B., **Warchałowska-Śliwa E.**, Banach Z., Pyza E. 2012. Genetic variability and changes of elemental concentrations in cells of *Tetrix tenuicornis* (Orthoptera: Tetrigidae) from polluted and unpolluted areas. Folia Biologica (Kraków) 60:17-25.

Michailova P., **Warchałowska-Śliwa E.**, Szarek-Gwiazda E., Kownacki A. 2012. Does biodiversity of macroinvertebrates and genome response of Chironomidae larvae (Diptera) reflect heavy metal pollution in a small pond? Environmental Monitoring and Assessment 184:1-14.

Michailova P., Szarek-Gwiazda E., Kownacki A., Warchałowska-Śliwa E. 2011. Biodiversity of Chironomidae (Diptera) and genome response to trace metals and environment. Pestycydy/Pesticides 1-4: 41-48.

Grzywacz B., Maryńska-Nadachowska A., Chobanov D. P., Karamysheva T., **Warchałowska-Śliwa E.** 2011. Comparative analysis of the location of rDNA in the Palaearctic bushcricket genus *Isophya* (Orthoptera: Tettigoniidae: Phaneropterinae). European Journal of Entomology 108: 509-517.

Warchałowska-Śliwa E., Maryńska-Nadachowska A., Grzywacz B., Karamysheva T., Lehmann A.W., Lehmann G.U.C., Heller K.-G. 2011. Changes in the numbers of chromosomes and sex determination system in bushcrickets of the genus *Odontura* (Orthoptera, Tettigoniidae, Phaneropterinae). European Journal of Entomology 108: 183-195.

Grzywacz-Gibała B., Chobanov D.P., **Warchałowska-Śliwa E.** 2010. Preliminary phylogenetic analysis of the genus *Isophya* (Orthoptera: Phaneropterinae) based on molecular data. Zootaxa 2621: 27-44.

Hemp C., Heller K.-G., **Warchałowska-Śliwa E.**, Hemp A. 2010. A new genus and species of African Phaneropterinae (Orthoptera: Tettigoniidae), with data on its ecology, bioacoustics and chromosomes. Organisms Diversity and Evolution 10: 215-226.

Hemp C., Heller K.-G., Kehl S., **Warchałowska-Śliwa E.**, Wägele J. W., Hemp A. 2010. The *Phlesirtes* complex (Orthoptera: Tettigoniidae: Conocephalinae, Conocephalini) reviewed: integrating morphological, molecular, chromosomal and bioacoustic data. Systematic Entomology 35: 554-580.

Hemp C., Voje K. L., Heller K.-G., **Warchałowska-Śliwa E.**, Hemp A. 2010. A new genus in African Acrometopini (Tettigoniidae: Phaneropterinae) based on morphology, chromosomes, acoustics, distribution, and molecular data, and the description of a new species. *Zoological Journal of the Linnean Society* 158: 66-82.

Warchałowska-Śliwa E., Bugrov A.G. 2009. Karyotype of the South African katydid *Hetrodes pupus* (Linnaeus, 1758) (Orthoptera, Tettigoniidae) with special reference to relationships within the Hetrodinae subfamily. *Zootaxa* 2137: 43-50.

Warchałowska-Śliwa E., Grzywacz B., Maryńska-Nadachowska A., Karamysheva T. V., Rubtsov N.B., Chobanov D.P. 2009. Chromosomal differentiation among bisexual European species of *Saga* Charp. (Orthoptera, Tettigoniidae, Saginae) detected by both classical and molecular methods. *European Journal of Entomology* 106: 1-9.

Kowalczyk M., Tatsuta H., Grzywacz B., **Warchałowska-Śliwa E.** 2008. Relationship between chromosomal races/subraces in the brachypterus grasshopper *Podisma sapporensis* Shiraki (Orthoptera: Acrididae) inferred from mitochondrial ND2 and COI gene sequences. *Annals of Entomological Society of America* 101: 837-844.

Warchałowska-Śliwa E., Chobanov D., Grzywacz B., Maryńska-Nadachowska A. 2008. Taxonomy of the genus *Isophya* (Orthoptera, Phaneropteridae, Barbitistinae): Comparison of karyological and morphological data. *Folia Biologica* (Kraków) 56:227-241.

Grzywacz B., **Warchałowska-Śliwa E.** 2008. Polymorphism of the genus *Isophya* (Orthoptera, Phaneropteridae, Barbitistinae) revealed by RAPD. *Folia Biologica* (Kraków) 56: 153-157.

Warchałowska-Śliwa E., Tatsuta H., Akimoto S., Maryńska-Nadachowska A., Kowalczyk M., Bugrov A.G. 2008. Geographical patterns of chromosomal differentiation in the brachypterus grasshopper *Podisma sapporensis* Shiraki (Orthoptera: Acrididae). *European Journal of Entomology* 105: 185-196.

Warchałowska-Śliwa E., Bugrov A.G., Sugano Y., Maryńska-Nadachowska A., Akimoto S. 2008. Experimental hybridisation between X0 and XY chromosome races in the grasshopper *Podisma sapporensis* Shiraki (Orthoptera, Acrididae). II. Cytological analysis of embryos and adults of F1 and F2 generations. *European Journal of Entomology* 105: 45-52.

Bugrov A. G., Karamysheva T.V., Perepelov E., Elisaphenko E. A., Rubtsov D.N., **Warchałowska-Śliwa E.**, Tatsuta H., Rubtsov N.B. 2007. DNA content of the B chromosomes in grasshopper *Podisma kanoi* Storozh. (Orthoptera, Acrididae). *Chromosome Research* 15: 315-325.

Warchałowska-Śliwa E., Maryńska-Nadachowska A., Heller K.-G., 2007. Cytogenetic variability of the genus *Saga* Charp. (Orthoptera, Tettigoniidae, Saginae): heterochromatin differentiation. *Caryologia* 60: 29-36.

Tatsuta H., Hoshizaki S., Bugrov A.G., **Warchałowska-Śliwa E.**, Tatsuki S., Akimoto S. 2006. Origin of chromosomal rearrangement: phylogenetic relationship between X0/XX and XY/XX chromosomal races in the brachypterus grasshopper *Podisma sapporensis* (Orthoptera: Acrididae). *Annals of the Entomological Society of America* 99: 457-462.

Michailova P., **Warchałowska-Śliwa E.**, Krastanov B., Kownacki A. 2005. Cytogenetic variability in species of genus *Chironomus* (Diptera, Chironomidae) from Poland. *Caryologia* 58: 345-358.

Warchałowska-Śliwa E., Heller K.-G., Maryńska-Nadachowska A. 2005. Cytogenetic variability of European Tettigoniinae (Orthoptera, Tettigoniidae): Karyotypes, C-and Ag-NOR-banding. *Folia Biologica* (Kraków) 53: 161-171.

Michailova P., Kownacki A., **Warchałowska-Śliwa E.**, Szarek-Gwiazda E. 2005. Two cytotypes of *Kiefferulus tendipediformis* (Goethebuer, 1921) (Diptera, Chironomidae). *Caryologia* 58: 62-69.

Warchałowska-Śliwa E., Niklińska M., Görlich A., Michailova P., Pyza E. 2005. Heavy metal accumulation, heat shock protein expression and cytogenetic changes in *Tetrix tenuicornis* (L.) (Tetrigidae, Orthoptera) from polluted areas. Environmental Pollution 133: 375-381.

Bugrov A.G., **Warchałowska-Śliwa E.**, Akimoto S. 2005. Taxonomic status of the grasshopper *Podisma tytiensis* and reproductive isolation between *P. tytiensis* and *P. sapporensis*. Entomological Science 8: 85-90.

Warchałowska-Śliwa E., Śliwa L., Maryńska-Nadachowska A. 2004. Stan obecny i propozycja monitorowania owadów prostoskrzydłych (Orthoptera) Ojcowskiego Parku Narodowego. (The present status and suggestion of monitoring of orthopteran insects from the Ojców National Park). Zróżnicowanie i przemiany środowiska przyrodniczo-kulturowego Wyżyny Krakowsko-Częstochowskiej. T. 1. Przyroda. Ojców: 309-312.

Gorochov A.G., **Warchałowska-Śliwa E.** 2004. On some morphological and karyological problems of the generic classification of Landrevinae (Orthoptera, Gryllidae) with description of two new species. Journal of Orthoptera Research 13: 149-154.

Bugrov A.G., **Warchałowska-Śliwa E.**, Sugano Y., Akimoto S. 2004. Experimental hybridization between XO and XY chromosome races in the grasshopper *Podisma sapporensis* Shir. (Orthoptera, Acrididae). I. Cytological analysis of embryos and F1 hybrids. Folia Biologica (Kraków) 52: 39-45.

Bugrov A.G., **Warchałowska-Śliwa E.**, Ito G., Tchernykh A., Maryati M. 2004. Karyotype and C-banding patterns of the katydids *Meconema elongata* (L.) (Orthoptera, Tettigoniidae, Mecopodinae) from Amami Is. (Japan) and Borneo (Malaysia). Caryologia 57: 25-29.

Warchałowska-Śliwa E., Maryńska-Nadachowska A., Kania G. 2004. Cytogenetic studies of *Glomeris* (Diplopoda: Glomeridae). Folia Biologica (Kraków) 52: 67-71.

Warchałowska-Śliwa E., Rubtsov N.B. 2003. B chromosomes of the *Podisma sapporensis* Shir. (Orthoptera, Acrididae) analyzed by chromosome microdissection and FISH. Folia Biologica (Kraków) 51: 1-11.

Warchałowska-Śliwa E., Maryńska-Nadachowska A., Michailova P., Tchobanov D. 2003. C-heterochromatin patterns of ten species of tetrigids (Tetrigidae, Orthoptera). Folia Biologica (Kraków) 51: 47-53.

Cabrero J., Bugrov A.G., **Warchałowska-Śliwa E.**, Lopez-Leon M.D., Perfectti F., Camacho J.P. M. 2003. Comparative FISH analysis in five species of Eyprepocnemidine grasshoppers. Heredity 90: 377-381.

Cabrero J., Bakkali M., Bugrov A.G., **Warchałowska-Śliwa E.**, Lopez-Leon M. D., Perfectti F., Camacho J. P. M. 2003. Multiregional origin of B chromosomes in the grasshopper *Eyprepocnemis plorans*. Chromosoma 112: 207-211.

Bugrov A.G., **Warchałowska-Śliwa E.** 2002. Chromosome C-banding patterns in isolated population of the grasshopper *Podisma pedestris* (L.) (Orthoptera, Acrididae) from the Altai Mts. Folia biologica (Kraków) 50: 101-102.

Warchałowska-Śliwa E., Kostia D., Śliwa L. 2002. Cytological and morphological differences between two species of the genus *Tettigonia* (Orthoptera, Tettigoniidae) from Korea. Folia Biologica (Kraków) 50: 23-28.

Warchałowska-Śliwa E., Bugrov A.G., Tatsuta H., Akimoto S. 2001. B chromosomes, translocation between B and autosomes, and C-heterochromatin polymorphism of the grasshopper *Podisma sapporensis* (Orthoptera: Acrididae) in Hokkaido, northern Japan. Folia Biologica (Kraków) 49: 63-75.

Bugrov A.G., **Warchałowska-Śliwa E.**, Tatsuta H., Akimoto S. 2001. Chromosome polymorphism and C-banding variation of the brachypterus grasshopper *Podisma sapporensis* (Orthoptera: Acrididae) in Hokkaido, northern Japan. Folia Biologica (Kraków) 49: 137-152.

Perepelov E., Bugrov A.G., **Warchałowska-Śliwa E.** 2001. C-banded karyotypes of some dragonfly species from Russia. II. The families Cordulegasteridae, Curduliidae, and Gomphidae. *Folia Biologica* (Kraków) 49: 175-178.

Michailova P., **Warchałowska-Śliwa E.** 2001. Karyotype orthoselection in species of two phylogenetically distant groups of insects - Diptera: Chironomidae and Orthoptera:Tettigoniidae. *Acta Zoologica Bulgarica* 53: 79-90.

Michailova P., **Warchałowska-Śliwa E.**, Kownacki A. 2001. Cytotaxonomic characteristics of the genus *Glyptodentipes* Kieffer (Chironomidae, Diptera) from fish and retention ponds (Silesia, southern Poland). *Folia Biologica* (Kraków) 49: 163-173.

Warchałowska-Śliwa E., Heller K.-G., Maryńska-Nadachowska A., Lehmann A. 2000. Chromosome evolution in the genus *Poecilimon* (Orthoptera, Tettigonioidea, Phaneropteridae). *Folia Biologica* (Kraków) 48: 127-136.

Warchałowska-Śliwa E., Heller K.-G., Maryńska-Nadachowska A., Lehmann A. 2000., Gorochov A. V. 2000. Some aspects of karyotype of Liarina (Orthoptera, Tettigoniidae, Agraecini) from Vietnam. *Folia Biologica* (Kraków) 48: 119-125.

Bugrov A. G., **Warchałowska-Śliwa E.**, Heller K.-G., Maryńska-Nadachowska A., Lehmann A. 2000., Tatsuta H., Perepelov E.A., Akimoto S. 2000. Distribution pattern of the X0/XX and neo-XY/neo-XX chromosomal races of the brachypterus grasshopper *Podisma sapporensis* (Orthoptera: Acrididae) in Hokkaido, northern Japan. *Entomological Science* 3: 693-699.

Bugrov A.G., **Warchałowska-Śliwa E.**, Heller K.-G., Maryńska-Nadachowska A., Lehmann A. 2000., Ito G., Akimoto S. 2000. C-banded karyotypes of some Podisminae grasshoppers (Orthoptera, Acrididae) from Japan. *Cytologia* 65: 351-358.

Warchałowska-Śliwa E., Maryńska-Nadachowska A., Gorochov A.V. 1999. Karyotype and pattern of sperm of *Apteranabropsis tonkinensis* (Rehn, 1906) (Orthoptera: Stenopelmatoidea: Mimnermidae). *Folia biologica* (Kraków) 47: 21-23.

Gorochov A.V., **Warchałowska-Śliwa E.** 1999. A new species of the genus *Hexacentrus* (Orthoptera, Conocephalinae) from Vietnam and its karyotypic features. *Acta Zoologica Cracoviensia* 42: 265-269.

Bugrov A.G., **Warchałowska-Śliwa E.**, Vysotskaya L. 1999. Karyotypic features of Eyprepocnemidinae grasshoppers from Russia and Central Asia with reference to the B chromosomes in *Eyprepocnemis plorans* (Charp.). *Folia Biologica* (Kraków) 47: 97-104.

Warchałowska-Śliwa E., Bugrov A.G. 1998. Karyotypes and C-banding patterns of some Phaneropterinae katydids (Orthoptera, Tettigonioidea) with special attention to a post-reductional division of the neo-X and the neo-Y sex chromosomes in *Isophya hemiptera*. *Folia biologica* (Kraków) 46: 47-54.

Warchałowska-Śliwa E. 1998. Karyotype characteristics of katydid orthopterans (Ensifera, Tettigoniidae) and remarks on their evolution at different taxonomic levels. *Folia Biologica* (Kraków) 46: 143-176.

Warchałowska-Śliwa E., Heller K.-G. 1998. C-banding patterns of some species of Phaneropterinae (Orthoptera, Tettigoniidae) of Europe. *Folia Biologica* (Kraków) 46: 177-181.

Perepelov E.A., Bugrov A.G., **Warchałowska-Śliwa E.** 1998. C-banded karyotypes of some dragonfly species from Russia. *Folia Biologica* (Kraków) 46: 137-142.

Bugrov A.G., **Warchałowska-Śliwa E.** 1997. Chromosome numbers and C-banding patterns in some Pamphagidae grasshoppers (Orthoptera, Acrididae) from the Caucasus, Central Asia, and Transbaikalia. *Folia Biologica* (Kraków) 45: 133-138.

Warchałowska-Śliwa E., Bugrov A.G. 1997. C-heterochromatin variation in *Deracantha onos* (Pall.) (Deracanthini, Bradyporinae, Tettigoniidae, Orthoptera). *Cytologia* 62: 7-12.

Warchałowska-Śliwa E., Bugrov A.G. 1997. C-banding analysis of embryos of *Tettigonia cantans* L. (Orthoptera, Tettigoniidae). *Folia Biologica* (Kraków) 45: 27-29.

Warchałowska-Śliwa E., Maryńska-Nadachowska A., Gorochov A.V. 1997. Study of Gryllidae of the subfamily Landrevinae (Orthoptera, Gryllidae) from Vietnam: Karyology and patterns of sperm. *Folia Biologica* (Kraków) 45: 31-34.

Warchałowska-Śliwa E., Bugrov A.G. 1996. Karyotype evolution of Drymadusini (Decticiniae, Orthoptera). *Cytologia* 61: 33- 39.

Warchałowska-Śliwa E., Bugrov A.G. 1996. Karyotypes and C-banding patterns of Bradyporinae (Orthoptera, Tettigoniidae) *Folia biologica* (Kraków) 44: 95-98.

Warchałowska-Śliwa E., Bugrov A.G., Maryńska-Nadachowska A. 1996. Karyotypes and C-banding patterns of some species of Phaneropterinae (Orthoptera, Tettigonioidea). *Folia Biologica* (Kraków) 44: 5-10.

Warchałowska-Śliwa E., Kostia D. 1996. Chromosomes of *Tachycines coreanus* Yamasaki, 1969 (Orthoptera: Rhaphidoporidae, Aemodogryllinae). Karyotype, C-bands, and NORs. *Folia Biologica* (Kraków) 44: 1-4.

Warchałowska-Śliwa E., Maryńska-Nadachowska A. 1996. Chromosome pattern of the genus *Tettigonia* (Orthoptera, Tettigoniidae). Karyosystematics of the invertebrate animals. E. Gokhman, V.G. Kuznetsova (eds) 3: 12-14.

Warchałowska-Śliwa E., Maryńska-Nadachowska A. 1995. Cytogenetic studies of the genus *Tettigonia* (Orthoptera, Tettigonioidea, Tettigoniinae). I. C-bands and NORs activity. *Folia Biologica* (Kraków) 43: 29-34.

Warchałowska-Śliwa E., Maryńska-Nadachowska A. 1995. Cytogenetic studies of the genus *Tettigonia* (Orthoptera, Tettigonioidea, Tettigoniinae). II. Heteromorphism of C-bands. *Folia Biologica* (Kraków) 43: 99-106.

Warchałowska-Śliwa E., Bugrov A.G., Maryńska-Nadachowska A. 1995. Karyotypes of three species of the genera *Poecilimon* Fisch. and *Isophya* Br.-W. (Orthoptera, Tettigonioidea, Phaneropterinae) from the North Caucasus. *Caryologia* 48: 27-34.

Bugrov A.G., **Warchałowska-Śliwa E.**, Maryńska-Nadachowska A. 1994. Karyotype evolution and chromosome C-banding pattern in some podismini grasshoppers (Orthoptera, Acrididae). *Caryologia* 47: 183-191.

Maryńska-Nadachowska A., **Warchałowska-Śliwa E.**, Gowacka E. 1994. Relative chromosomal lengths in Psyllids (Homoptera: Psylloidea) and a description of karyotypes of eight species. *Folia Biologica* (Kraków) 42: 95-100.

Warchałowska-Śliwa E., Bugrov A.G., Maryńska-Nadachowska A. 1994. Karyotypes, C- banding pattern, and NORs of the genus *Montana* Zeuner 1941 (Orthoptera, Tettigonioidea, Decticinae). *Folia Biologica* (Kraków) 42: 89-94.

Warchałowska-Śliwa E., Maryńska-Nadachowska A., Massa B. 1994. Some new data on C-bands and NORs in three species of Pamphagidae (Orthoptera). *Folia Biologica* (Kraków) 42: 13-18.

Warchałowska-Śliwa E., Michailova P. 1993. Cytological study of *Pholidoptera frivaldskyi* (Herm.) (Decticidae, Orthoptera). *Cytobios* 74: 155-162.

Maryńska-Nadachowska A., Głowacka E., **Warchałowska-Śliwa E.** 1993. Karyotypes of Psyllina (Homoptera). III. Chromosomal numbers of eight species belonging to the families Aphalaridae, Psyllidae, Homotomidae and Triozidae. *Folia Biologica* (Kraków) 41: 7-10.

Warchałowska-Śliwa E., Maryńska-Nadachowska A., Kostia D. 1993. Chromosomes of *Diestrammena unicolor unicolor* Brunner von Wattenwyl, 1888 and *Paratachycines (Hemitachycines) boldyrevi* (Uvarov, 1926) (Orthoptera, Raphidophoridae, Aemogryllinae). Karyotype, C-band, NORs. *Folia Biologica* (Kraków) 41: 77-82.

Warchałowska-Śliwa E., Maryńska-Nadachowska A. 1993. The chromosome aberrations in a natural population of *Tetrix tenuicornis* (Sahlb.) from Poland. *Karyosystematics of the Invertebrate Animals II*, St-Petersburg: 23-25 (Skalato O.A. ed.).

Szeptycki A., **Warchałowska-Śliwa E.** 1992. Charakterystyka fauny Wyżyny Krakowsko-Częstochowskiej. (Characteristics of fauna of the Kraków-Częstochowa Upland). *Prądnik* 5: 149-159.

Warchałowska-Śliwa E., Maryńska-Nadachowska A., Kostia D. 1992. Prostoskrzydłe (Orthoptera) Wyżyny Krakowsko-Częstochowskiej. (Orthoptera of the Kraków-Częstochowa Upland). *Prądnik* 5: 161-180.

Warchałowska-Śliwa E., Michailova P., Peshev G. 1992. Comparative cytogenetic study of *Poecilimon brunneri* Frivaldszky and *P. zwicki* Ramme (Phaneropteridae: Orthoptera). *Folia Biologica* (Kraków) 40: 33-39.

Gusachenko A.M., **Warchałowska-Śliwa E.**, Maryńska-Nadachowska A., Bugrov A.G., Vysotskaya L.V. 1992. Cytogenetic analysis of population of *Chorthippus albomarginatus* (De Geer) (Acrididae: Orthoptera). *Folia Biologica* (Kraków) 40: 27-31.

Maryńska-Nadachowska A., **Warchałowska-Śliwa E.**, Kuznetsova V.G. 1992. Karyotype of Psyllina (Homoptera). I. New data and check list. *Folia Biologica* (Kraków) 40: 15-25.

Maryńska-Nadachowska A., **Warchałowska-Śliwa E.**, Kuzniecova V.G. 1992. The NOR and nucleolus in the spermatogenesis of *Psylla alni* (L) (Homoptera) analysed by silver staining. *Folia Biologica* (Kraków) 40: 41-45.

Warchałowska-Śliwa E., Maryńska-Nadachowska A. 1992. Karyotypes, C-bands, NORs location in spermatogenesis of *Isophya brevipennis* Brunner (Orthoptera: Phaneropteridae). *Caryologia* 45: 83-89.

Warchałowska-Śliwa E., Maryńska-Nadachowska A., Bugrov A.G. 1992. Karyotypes, C-heterochromatin, and NOR in three species of the genus *Gampsocleis* Fieb. (Orthoptera: Tettigonioidea: Decticinae). *Folia Biologica* (Kraków) 40: 119-127.

Maryńska-Nadachowska A., **Warchałowska-Śliwa E.** 1991. The B-chromosome in the karyotype of *Tetrix tenuicornis* (Sahlb.) (Tetrigidae: Orthoptera). *Genetica* 83: 125-129.

Warchałowska-Śliwa E., Maryńska-Nadachowska A. 1991. Chromosome aberrations in a natural population of *Tetrix tenuicornis* (Sahlb.) (Tetrigidae: Orthoptera). *Folia Biologica* (Kraków) 39: 5-15.

Celary W., Maryńska-Nadachowska A., Mlynarski J.K., Skalski A., Szeptycki A., **Warchałowska-Śliwa E.** 1990. Fauna niektórych grup owadów Olkuskiego Okręgu Rudnego. *Zesz. Nauk. AGH, Sozologia i Sozotechnika* z.32, Nr 1368: 217-223.

Warchałowska-Śliwa E., Maryńska-Nadachowska A. 1989. Karyology of *Tetrix tenuicornis* (Sahlb.) (Tetrigidae: Orthoptera). *Folia Biologica* (Kraków) 37: 45-53.

Warchałowska-Śliwa E. 1988. Karyotype of *Pholidoptera aptera karnyi* Ebner. from Bulgaria and its comparison with that of *Pholidoptera aptera aptera* (Fabr.) from Poland (Orthoptera, Decticidae). *Caryologia* 41: 161-168.

Rożek M., Warchałowska-Śliwa E. 1987. Comparison of karyotypes of *Bembidion properans* (Steph.) and *Bembidion lampros* (Herbst). *Folia Biologica* (Kraków) 35: 101-104.

Warchałowska-Śliwa E., Michailova P., Peshev G. 1987. Karyological studies of *Metrioptera arnoldi* Rme (Decticidae) and *Ancistrura nigrovittata* (Br.) (Phaneropteridae:Tettigonioidea: Orthoptera). *Caryologia* 40: 369-380.

Warchałowska-Śliwa E., Śliwa L. 1986. Próba przedstawienia ewolucyjnego zró nicowania kariotypów krajowych gatunków pasikoników z nadrodziny Tettigonioidea (Orthoptera). *Przegląd Zoologiczny* 30 (4): 403- 407.

Warchałowska-Śliwa E. 1984. Karyological studies on polish Orthoptera species of the Tettigonioidea superfamily. I. Karyotypes of families: Ephippigeridae, Phaneropteridae, Meconemidae, Conocephalidae. *Folia Biologica* (Kraków) 32: 253-269.

Warchałowska-Śliwa E. 1984. Karyological studies on polish Orthoptera species of the Tettigonioidea superfamily. II. Karyotypes of families Tettigoniidea and Decticidae. *Folia Biologica* (Kraków) 32: 311-325.

Warchałowska-Śliwa E., Śliwa L. 1984. Case of a supernumerary element (B-chromosome ?) in the karyotypes of *Tettigonia cantans* L. *Folia Biologica* (Kraków) 32: 327-329.

Rożek M., Warchałowska-Śliwa E. 1982. Karyological studies on Trechinae (Coleoptera, Carabidae). II. Karyotypes of *Trechus pilisensis* Csiki, *Trechus pulchellus* Putz. and *Trechus pulpani* Res. *Folia Biologica* (Kraków) 30: 59-67.

Warchałowska-Śliwa E.. 1980. Karyological observations on *Gryllus sp.* (Gryllidae, Orthoptera). I. Karyotypes of *Gryllus bimaculatus* Deg. and *Gryllus campestris* L. *Folia Biologica* (Kraków) 28: 187-193.

Rożek M., Warchałowska-Śliwa E. 1980. Karyological studies on Trechinae (Coleoptera, Carabidae). I. Chromosomes of *Trechus pilisensis* Csiki. and *Trechus pulchellus* Putz. *Folia Biologica* (Kraków) 28: 313-319.

Jordan M., Warchałowska-Śliwa E., Maryńska-Nadachowska A. 1979. The effect of some selected pesticides on the embryonal development of *Acheta domesticus*. *Folia Biologica* (Kraków) 27: 25-34.

Warchałowska-Śliwa E., Maryńska-Nadachowska A., Jordan M. 1978. C- and G- banding in mitotic chromosomes of *Acheta domesticus* L. (Orthoptera). *Folia Biologica* (Kraków) 26: 295-300.

Warchałowska-Śliwa E. 1977. Występowanie *Trechus pulchellus* Putz. i *Trechus pulpani* Res.(Coleoptera, Carabidae) w okolicach Tarnowa. *Zeszyty Naukowe UJ - Prace Zoologiczne* 461 (23): 113-126.