

Lista monografii i publikacji z Listy Filadelfijskiej z lat 2018–2021
Monographs and publications from the ISI databases from 2018 till 2021

2021

Monografie/Monographs

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.

2021

Artykuły/Articles

1. **Banach A.**, Neubauer G., Flis A., **Ledwoń M.** 2021. Sex-specific growth of nestlings of the Whiskered Tern *Chlidonias hybrida*, a species with sexual size dimorphism and female brood desertion. Journal of Ornithology 162: 1035-1047.
2. Skórka P., **Banach A.**, **Banasiak M.**, Bokalska-Rajba J., Bonk M., Czachura P., Garcia-Rodriguez A., Gaspar G., Horodyńska N., Kaczmarczyk A., Kapłoniak K., **Kociński M.**, Łopata B., Mazur E., Mirzaei M., Misiewicz A., Parres A., **Przystałkowska A.**, Pustkowiak S., Raczyński M., Sadura I., Splitt A., Stanek M., **Sternalski J.**, Wierzbicka A., **Wiorek M.**, Zduńczyk P. 2021. Congruence between the prioritisation of conservation problems at the local and national scale: an evaluation by environmental scientists in Poland. Environmental Science and Pollution Research 28: 35317-35326.
3. **Bochenski Z.M.**, Tomek T., Bujoczek M., Salwa G. 2021. A new passeriform (Aves: Passeriformes) from the early Oligocene of Poland sheds light on the beginnings of Suboscines. Journal of Ornithology 162(2): 593-604.
4. Campbell K.E., **Bochenski Z.M.** 2021. A review of the woodpeckers (Aves: Piciformes) from the asphalt deposits of Rancho La Brea, California, with the description of three new species. Palaeobiodiversity and Palaeoenvironments 101: 1013-1026.
5. Perera P.C.D., Szymura T.H., Zająć A., **Chmolowska D.**, Szymura M. 2021. Drivers of *Solidago* species invasion in Central Europe – Case study in the landscape of the Carpathian Mountains and their foreground. Ecology and Evolution 11: 12429-12444.
6. **Grzędzicka E.**, Reif J. 2021. The impact of Sosnowsky's hogweed on feeding guilds of birds. Journal of Ornithology 162: 1115-1128.
7. **Fedyń I.**, **Figarski T.**, **Kajtoch Ł.** 2021. Overview of the impact of forest habitats quality and landscape disturbances on the ecology and conservation of dormice species. European Journal of Forest Research 140: 511-526.
8. **Grzywacz B.**, Skórka P. 2021. Genome size versus geographic range size in birds. PeerJ 9: e10868.
9. **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.
10. Szklarzewicz T., Michalik K., **Grzywacz B.**, Kalandyk-Kołodziejczyk M., Michalik A. 2021. Fungal associates of soft scale insects (Coccomorpha: Coccidae). Cells 10: 1922.
11. Pons J.-M., Ventura C.D., Chiozzi G., Ettwein A., Grangé J.-L., **Kajtoch Ł.**, Mazgajski T., Rakovic M., Winkler H., Fuchs J. 2021. Phylogeography of a widespread Palearctic forest bird species: the White-backed Woodpecker (Aves, Picidae). Zoologica Scripta 50: 155-172.
12. **Kociński M.**, **Grzywacz B.**, Hristov G., Chobanov D. 2021. A taxonomic outline of the *Poecilimon affinis* complex (Orthoptera) using the geometric morphometric approach. PeerJ 9: e12668.
13. **Kopeć K.**, **Krzemiński W.**, Albrycht M. 2021. The oldest representatives of the Pilaria (Diptera, Limoniidae) genus from mid-Cretaceous Burmese amber, northern Myanmar. Cretaceous Research 118: 104671.

14. Kopeć K., Soszyńska-Maj A., Kania-Kłosok I., Coram R., Krzemiński W. 2021. Morphology of the oldest fossil subfamily of Limoniidae (Diptera, Architipulinae) in the light of exceptionally preserved Mesozoic material. *Scientific Reports* 11: 24137.
15. Kania-Kłosok I., Jordan-Stasiło W., Kopeć K., Janiszewska K., Krzemiński W. 2021. The first stage of the evolution of *Rhabdomastix* (Diptera, Limoniidae) and the taxonomic implications of genus. *The European Zoological Journal* 88(1): 1152-1169.
16. Krzemińska E., Starzyk N., Fraaije R.H.B., Schweigert G., Lukeneder A. 2021. Jurassic brachyurans of the genus *Bucculentum*. *Zootaxa* 5032(3): 395-410.
17. Krzemiński W., Kania I., Jordan-Stasiło W., De Jong H., Krzemińska E., Skibińska K. 2021. Discovery of Two New Peculiar Subgenera and Two New Species of *Tipula* Linnaeus, 1758 (Diptera, Tipulidae) from Baltic Amber. *Acta Geologica Sinica (English Edition)* 95(3): 715-723.
18. Krzemiński W., Kania-Kłosok I., Krzemińska E., Ševíčk J., Soszyńska-Maj A. 2021. Fossils Shed a New Light on the Diversity and Disparity of the Family Limoniidae (Diptera, Nematocera). *Insects* 12: 206.
19. Kania-Kłosok I., Krzemiński W. 2021. Recent discoveries of new *Elephantomyia* (Diptera, Limoniidae) fossils in Baltic amber. *Scientific Reports* 11: 23647.
20. Kania-Kłosok I., Krzemiński W., Arillo A. 2021. Two new long-rostrum cranefly species from the Cretaceous Iberian amber (Diptera, Limoniidae, *Helius*). *Scientific Reports* 11: 12851.
21. Kania-Kłosok I., Krzemiński W., Kopeć K., Arillo A. 2021. The Oldest Evolutionary Lineage of *Trichoneura* Loew, 1850 (Diptera, Limoniidae) and the First Evidence of This Genus in Cretaceous Spanish Amber. *Insects* 12: 411.
22. Kania-Kłosok I., Nel A., Szwedo J., Jordan-Stasiło W., Krzemiński W. 2021. Phylogeny and biogeography of the enigmatic ghost lineage Cylindrotomidae (Diptera, Nematocera). *Scientific Reports* 11: 13916.
23. Ševčík J., Skartveit J., Krzemiński W., Skibińska K. 2021. A Peculiar New Genus of *Bibionomorpha* (Diptera) with Brachycera-Like Modification of Antennae from Mid-Cretaceous Amber of Myanmar. *Insects* 12: 364.
24. Szawaryn K., Sontag E., Kubisz D. 2021. The first described fossil Oedemeridae (Insecta: Coleoptera) from Baltic amber. *Journal of Paleontology* 2021: 1-4.
25. Qiu T., Aavena Acuna M.C., Andrus R., Ascoli D., Bergeron Y., Berretti R., Bogdziewicz M., Boivin T., Bonal R., Caignard T., Calama R., Camarero J.J., Clark C., Courbaud B., Delzon S., Donoso Calderon S., Farfan-Rios W., Gehring C.A., Gilbert G.S., Greenberg C.H., Guo Q., Hille Ris Lambers J., Hoshizaki K., Ibanez I., Journé V., Kilner C.L., Kobe R., Koenig W.D., Kunstler G., LaMontagne J.M., Ledwoń M., Lutz J.A., Motta R., Myers J.A., Nagel T.A., Nuñez C.L., Pearse I.S., Piechnik Ł., Poulsom J., Poulton-Kamakura R., Redmond M.D., Reid C.D., Rodman K.C., Scher C.L., Schmidt Van Marle H., Seget B., Sharma S., Silman M., Swenson J.J., Swift M., Uriarte M., Vacchiano G., Veblen T.T., Whipple A.V., Whitham T.G., Wion A.P., Wright J., Zhu K., Zimmerman J.K., Zywiec M., Clark J.S. 2021. Is There Tree Senescence? The Fecundity Evidence. *Proceedings of the National Academy of Sciences of the United States of America* 118(34): e2106130118.
26. Baca M., Popović D., Lemanik A., Fewlass H., Talamo S., Zima J., Ridush B., Popov V., Nadachowski A. 2021. The Tien Shan vole (*Microtus ilaeus*; Rodentia: Cricetidae) as a new species in the Late Pleistocene of Europe. *Ecology and Evolution* 11: 16113-16125.
27. Popova L., Lemanik A., Ulbricht A., Nadachowski A. 2021. Expansion, speciation and a change of trophic niche: a case study of the Early Pleistocene ground squirrels *Spermophilus polonicus* and *S. praecox*. *Historical Biology* 33(1): 4-18.

28. Kot M., Krajcarz M.T., Moskal-del Hoyo M., Gryczewska N., Wojenka M., Pyżewicz K., Sinet-Mathiot V., Diakowski M., Fedorowicz S., Gąsiorowski M., Marciszak A., **Lipecki G.**, Mackiewicz P. 2021. Chronostratigraphy of Jerzmanowician. New data from Koziarnia Cave, Poland. *Journal of Archaeological Science: Reports* 38: 103014.
29. Marciszak A., Kropczyk A., **Lipecki G.** 2021. The first record of *Cuon alpinus* (Pallas, 1811) from Poland and the possible impact of other large canids on the evolution of the species. *Journal of Quaternary Science* 36(6): 1101-1121.
30. Marciszak A., **Lipecki G.**, Pawłowska K., Jakubowski G., Ratajczak-Skrzatek U., Zarzecka-Szubińska K., **Nadachowski A.** 2021. The Pleistocene lion *Panthera spelaea* (Goldfuss, 1810) from Poland – A review. *Quaternary International* 605-606: 213-240.
31. Stefaniak K., **Lipecki G.**, **Nadachowski A.**, Semba A., Ratajczak U., Kotowski A., Roblíčková M., **Wojtal P.**, Shpansky A.V., Malikov D.G., Krakhmalnaya T.V., Kovalchuk O.M., Boeskorov G.G., Nikolskiy P.A., Baryshnikov G.F., Ridush B., Jakubowski G., Pawłowska K., Cyrek K., Sudol-Procyk M., Czyżewski Ł., Krajcarz M., Krajcarz M.T., Żeromska A., Gagat P., Mackiewicz P. 2021. Diversity of muskox *Ovibos moschatus* (Zimmerman, 1780) (Bovidae, Mammalia) in time and space based on cranial morphometry. *Historical Biology* 33(1): 62-77.
32. Kuznetsova V., **Maryńska-Nadachowska A.**, Anokhin B., Shapoval N., Shapoval A. 2021. Chromosomal analysis of eight species of dragonflies (Anisoptera) and damselflies (Zygoptera) using conventional cytogenetics and fluorescence in situ hybridization: Insights into the karyotype evolution of the ancient insect order Odonata. *Journal of Zoological Systematics and Evolutionary Research* 59: 387-399.
33. **Miler K.**, Czarnoleski M. 2021. Past thermal conditions affect hunting behaviour in larval antlions. *Royal Society Open Science* 8: 210163.
34. **Miler K.**, Opalek M., Ostap-Chec M., Stec D. 2021. Diel rhythmicity of alcohol-induced intoxication in the honeybee workers. *Journal of Zoology* 314: 96-103.
35. **Miler K.**, Stec D., Kamińska A., Pardyak L., Kuszewska K. 2021. Alcohol intoxication resistance and alcohol dehydrogenase levels differ between the honeybee castes. *Apidologie* 52: 230-241.
36. **Miler K.**, Turza F. 2021. “O Sister, Where Art Thou?” – A review on rescue of imperiled individuals in ants. *Biology* 10: 1079.
37. Ostap-Chec M., Opalek M., Stec D., **Miler K.** 2021. Discontinued alcohol consumption elicits withdrawal symptoms in honeybees. *Biology Letters* 17: 20210182; CA.
38. **Moroń D.**, Marjańska E., Skórka L., Lenda M., Woyciechowski M. 2021. Invader-pollinator paradox: invasive goldenrods benefit from large size pollinators. *Diversity and Distributions* 27: 632-641.
39. Lenda M., Skórka P., Kuszewska K., **Moroń D.**, Bełcik M., Baczek-Kwinta R., Janowiak F., Duncan D.H., Vesk P.A., Possingham H.P., Knops J.M.H. 2021. Misinformation, internet honey trading, and beekeepers drive a plant invasion. *Ecology Letters* 24(2): 165-169.
40. Berto C., **Nadachowski A.**, Pereswiet-Soltan A., Lemanik A., Kot M. 2021. The Middle Pleistocene small mammals from the lower layers of Tunel Wielki Cave (Kraków-Częstochowa Upland): An Early Toringian assemblage in Poland. *Quaternary International* 577: 52-70.
41. Lengyel G., Bárány A., Béres S., Cserpák F., Gasparik M., Major I., Molnár M., **Nadachowski A.**, Nemergut A., Svoboda J., Verpoorte A., **Wojtal P.**, **Wilczyński J.** 2021. The Epigravettian chronology and the human population of eastern Central Europe during MIS2. *Quaternary Science Reviews* 271: 107187.
42. Nowaczewska W., Binkowski M., Benazzi S., Vazzana A., **Nadachowski A.**, Stefaniak K., Źarski M., Talamo S., Crompton T., Stringer C.B., Hajdinjak M., Hublin J.-J. 2021. New hominin teeth from Stajnia Cave, Poland. *Journal of Human Evolution* 151: 102929.

43. Talamo S., Nowaczewska W., Picin A., Vazzana A., Binkowski M., Bosch M. D., Cercatillo S., Diakowski M., Fewlass H., Marciszak A., Paleček D., Richards M. P., Ryder C.M., Sinet-Mathiot V., Smith G. M., Socha P., Sponheimer M., Stefaniak K., Welker F., Winter H., Wiśniewski A., Żarski M., Benazzi S., **Nadachowski A.**, Hublin J.-J. 2021. A 41,500 year-old decorated ivory pendant from Stajnia Cave (Poland). *Scientific Reports* 11: 22078.
44. **Pašník G., Sternalski J.** 2021. A remarkable new species of *Hypogastrura* (Collembola, Hypogastruridae) from the Romanian Carpathians. *Zootaxa* 5067: 439-446.
45. Kohyt J., Pierzchała E., **Pereswiet-Soltan A.**, Piška K. 2021 Seasonal Activity of Urban Bats Populations in Temperate Climate Zone-A Case Study from Southern Poland. *Animals (Basel)* 11(5): 1474.
46. **Przybyłowicz Ł., Wiorek M., Przystałkowska A.**, Wahlberg N. 2021. Alone on an island: The reassessment of an enigmatic species of Handmaiden Moth (Lepidoptera, Erebidae) endemic to Mauritius. *Zoologica Scripta* 50: 752-768.
47. **Sawka-Gądek N.**, Potekhin A., Singh D.P., Grevtseva I., Arnaiz O., Penel S., Sperling L., **Tarcz S.**, Duret L., Nekrasova I., Meyer E. 2021. Evolutionary plasticity of mating-type determination mechanisms in *Paramecium aurelia* sibling species. *Genome Biology and Evolution* 13(2): evaa258.
48. **Skibińska K.**, Albrycht M., Zhang Q., Gilka W., Zakrzewska M., **Krzemiński W.** 2021. Diversity of the Fossil Genus *Palaeoglaesum* Wagner (Diptera, Psychodidae) in the Upper Cretaceous Amber of Myanmar. *Insects* 12: 247; CA – K. Skibińska.
49. **Skibińska K., Krzemiński W.**, Zhang Q. 2021. A revised diagnosis of *Palaeoglaesum* Wagner (Diptera, Psychodidae, Bruchomyiinae) with description of two new species from Cretaceous Myanmar amber. *Historical Biology* 33(2): 230-236.
50. Curler G.R., **Skibińska K.** 2021. *Paleotelmatoscopus*, a proposed new genus for some fossil moth flies (Diptera, Psychodidae, Psychodinae) in Eocene Baltic amber, with description of a new species. *Zootaxa* 4927(4): 505-524.
51. Li L., **Skibińska K., Krzemiński W.**, Wang B., Xiao Ch., Zhang Q. 2021. A new March fly *Protopenthetria skartveitii* gen. nov. et sp. nov. (Diptera, Bibionidae, Plecinae) from mid-Cretaceous Burmese amber. *Cretaceous Research* 127: 104924.
52. **Stec D.** 2021. Integrative Descriptions of Two New *Mesobiotus* Species (Tardigrada, Eutardigrada, Macrobiotidae) from Vietnam. *Diversity* 13: 605.
53. Greczek-Stachura M., Zagata-Leśnicka P. **Tarcz S.**, Rautian M., Moźdżen K. 2021. Genetic diversity of symbiotic green algae of *Paramecium bursaria* syngens originating from distant geographical locations. *Plants* 10: 609.
54. Greczek-Stachura M., Rautian M., **Tarcz S.** 2021. *Paramecium bursaria* – a complex of five cryptic species. Mitochondrial DNA COI haplotype variation and biogeographic distribution. *Diversity* 13: 589; CA.
55. **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
56. 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, Tettigonioida, Mecopodinae) including some chromosome data. *Zootaxa* 5005(2): 101-114.
57. Greenslade P., **Weiner W.M.** 2021. Taxonomic papers on Collembola in Zootaxa, 2001 to 2020. *Zootaxa* 4979: 215-217.

58. **Wertz K.**, Tornberg R., **Bochenski Z.M.** 2021. The taphonomy of medium-sized grouse in food remains of the northern goshawk *Accipiter gentilis*, compared with damage done by man and other predators. International Journal of Osteoarchaeology 31(2): 188-195.
59. **Wertz K.**, Tornberg R., Huhtala K., Diakowski M., Kotowski J., Kot M. 2021. Where the snags are: Looking into bird bones. International Journal of Osteoarchaeology 31: 663-669.
60. Berto C., Krajcarz M.T., Moskal-del Hoyo M., Komar M., Sinet-Mathiot V., Zarzecka-Szubińska K., Krajcarz M., Szymanek M., **Wertz K.**, Marciszak A., Mętrak M., Suska-Malawska M., Wilcke A., Kot M. 2021. Environment changes during Middle to Upper Palaeolithic transition in southern Poland (Central Europe). A multiproxy approach for the MIS 3 sequence of Koziarnia Cave (Kraków-Częstochowa Upland). Journal of Archaeological Science: Reports 35: 102723.
61. Wojenka M., Jaskulska E., Popović D., Baca M., Frog Fetner M., **Wertz K.**, Rataj K., Gryczewska N., Kosiński T., Kot M. 2021. The girl with finches: a unique post-medieval burial in Tunel Wielki Cave, southern Poland. Praehistorische Zeitschrift 96(1): 286-309.
62. **Wilczyński J.**, Haynes G., Sobczyk Ł., Roblíčková M., **Wojtal P.** 2021. Response to Germonpré et al. "Some comments on 'Friend or Foe? Large canid remains from Pavlovian sites and their archaeozoological context', a paper by Wilczyński et al. (2020)". Journal of Anthropological Archaeology 63: 101328.
63. **Wilczyński J.**, Šída P., Kufel-Diakowska B., Mroczek P., Pryor A., Oberc T., Sobieraj D., Lengyel G. 2021. Population mobility and lithic tool diversity in the Late Gravettian – the case study of Lubná VI (Bohemian Massif), Quaternary International 587-588: 103-126.
64. Adamczak K., Kowalski Ł., Urbanová P., Douka K., Brown S., Kowalski A.P., Kukawka S., **Wilczyński J.**, Szczepańska G., Zawiłski P. 2021. New evidence for deer valorisation by the TRB farmers from Poland using ZooMS and micro-CT scanning, Journal of Archaeological Science: Reports 40(B): 103230.
65. Béres S., Cserpák F., Repiszky T., Major I., Molnár M., Moskal-del Hoyo M., Sázelová S., **Wilczyński J.**, Lengyel G. 2021. Zöld Cave and the Late Epigravettian in Eastern Central Europe. Quaternary International 587-588: 158-171.
66. Librado P., Khan N., Fages A., Kusliy M.A., Suchan T., Tonasso-Calviere L., Schiavinato S., Alioglu D., Fromentier A., Perdereau A., Aury J-M., Gaunitz Ch., Chauvey L., Seguin-Orlando A., Sarkissian C.D., Southon J., Shapiro B., Tishkin A.A., Kovalev A.A., Alquraishi S., Alfarhan A.H., Al-Rasheid K.A.S., Seregely T., Klassen L., Iversen R., Bignon-Lau O., Bodu P., Olive M., Castel J-C., Boudadi-Maligne M., Alvarez N., Germonpré M., Moskal-del Hoyo M., **Wilczyński J.**, **Pospuła S.**, Lasota-Kuś A., Tunia K., Nowak M., Rannamäe E., Saarma U., Boeskorov G., Lougas L., Kyselý R., Peške L., Bălășescu A., Dumitrașcu V., Dobrescu R., Gerber D., Kiss V., Szécsényi-Nagy A., Mende B., Gallina Z., Somogyvári K., Kulcsár G., Gál E., Bendrey R., Allentoft M., Sirbu G., Dergachev V., Shephard H., Tomadini N., Grouard S., Kasparov A., Basilyan A.E., Anisimov M.A., Nikolskiy P.A., Pavlova E.Y., Pitulko V., Brem G., Wallner B., Schwall Ch., Keller M., Kitagawa K., Bessudnov A.N., Bessudnov A., Taylor W., Magail J., Gantulga J-O., Bayarsaikhan J., Erdenebaatar D., Kubatbeek T., Mijiddorj E., Boldgiv B., Tsagaan T., Pruvost M., Olsen S., Makarewicz Ch., Lamas S.V., Canadell S.A., Espinet A.N., Iborra M.P., Garrido J.L., González E.R., Celestino S., Olaria C., Arsuaga J.L., Kotova N., Pryor a., Crabtree P., Zhumataev R., Toleubaev A., Morganova N.L., Kuznetsova T., Lordkipanize D., Marzullo M., Prato O., Bagnasco G., Tecchiatu U., Clavel B., Lepetz S., Davoudi H., Mashkour M., Berezina N.Y., Stockhammer P.W., Krause J., Haak W., Morales-Muniz A., Benecke N., Hofreiter M., Ludwig A., Graphodatsky A.S., Peters J., Kiryushin K.Y., Iderkhangai T-O., Bokovenko N.A., Vasiliev S.K., Seregin N.N., Chugunov K.V., Plasteeva N.A., Baryshnikov G., Petrova E., Sablin M., Ananyevskaya E., Logvin A., Shevnina I., Logvin V., Kalieva S., Loman V., Kukushkin I., Merz I., Merz V., Sakenov S., Varfolomeyev V., Usmanova E., Zaibert V., Arbuckle B., Belinskiy A.B., Kalmykov A., Reinhold S., Hansen S., Yudin A.I., Vybornov A.A., Epimakhov A., Berezhina N.S., Roslyakova N., Kosintsev P.A., Kuznetsov P.F., Anthony D., Kroonen G.J., Kristiansen K., Wincker P., Outram A., Orlando L. 2021. The origins and spread of domestic horses from the Western Eurasian steppes. Nature 598: 634-640.

67. Niedziałkowska M., Doan K., Górný M., Sykut M., Stefaniak K., Piotrowska N., Jędrzejewska B., Ridush B., Pawełczyk S., Mackiewicz P., Schmölcke U., Kosintsev P., Makowiecki D., Charniauski M., Krasnodębski D., Rannamäe E., Saarma U., Arakelyan M., Manaseryan N., Titov V.V., Hulva P., Bălășescu A., Fyfe R., Woodbridge J., Trantalidou K., Dimitrijević V., Kovalchuk O., **Wilczyński J.**, Obadă T., **Lipecki G.**, Arabey A., Stanković A. 2021. Winter temperature and forest cover have shaped red deer distribution in Europe and the Ural Mountains since the Late Pleistocene. *Journal of Biogeography* 48: 147-159.
68. Wiorek M., Malik K., Lees D., **Przybyłowicz Ł.** 2021. Malagasy Polka Dot Moths (Noctuoidea: Erebidae: Arctiinae: Syntomini) of Ambohitantely – endemism in the most important relict of Central Plateau rainforest in Madagascar. *PeerJ* 9: e11688.
69. Haynes G., Krasinski K., **Wojtal P.** 2021. A Study of Fractured Proboscidean Bones in Recent and Fossil Assemblages. *Journal of Archaeological Method and Theory* 28: 956-1025.
70. Demay L., Julien M.A., Anghelinu M., Shydlovskiy P.S., Koulakovska L.V., Péan S., Stupak D.V., Vasyliev P.M., Obăda T., **Wojtal P.**, Belyaeva V.I. 2021. Study of human behaviors during the late pleniglacial in the East European Plain through their relation to the animal world. *Quaternary International* 581-582: 258-289.
71. Jach R., **Wojtal P.** 2021. Taphonomy of Pleistocene large mammal remains in the deposits of river Raba, southern Poland. *Annales Societatis Geologorum Poloniae* 91(2): 167-187.

2020

Monografie/Monographs

Gutowski J.M., **Kubisz D.**, Sućko K., Komosiński K., Mazur M.A., Pacuk B., Greń C. 2020. Chrząszcze (Coleoptera) Suwalskiego Parku Krajobrazowego. Monografia. Instytut Badawczy Leśnictwa, Sękocin Stary, pp. 1-391.

2020

Artykuły/Articles

1. **Bocheński Z.M., Tomek T.** 2020. Whodunit? Clues on bird remains from Obłazowa Cave (southern Poland) reveal their origin. *Quaternary International* 543: 142-147.
2. Mayr G., **Bocheński Z.M., Tomek T., Wertz K.**, Bienkowska-Wasiluk M., Manegold A. 2020. Skeletons from the early Oligocene of Poland fill a significant temporal gap in the fossil record of upupiform birds (hoopoes and allies). *Historical Biology* 32(9): 1163-1175.
3. **Grzędzicka E.**, Reif J. 2020. Impacts of an invasive plant on bird communities differ along a habitat gradient. *Global Ecology and Conservation* 23: e01150.
4. **Grzędzicka E.** 2020. Impact of road distance and experimental challenge of the maternal immune system on the offspring immunocompetence. *Ornis Fennica* 97: 101-111.
5. **Grzędzicka E.**, Vahed K. 2020. Habitat requirements of the endangered heath bush-cricket *Gampsocleis glabra* (Orthoptera, Tettigoniidae) in an isolated population. *Journal of Insect Conservation* 24: 935-945.
6. Ignatev N., **Grzywacz B., Przybyłowicz Ł.** 2020. A review of the genus *Mecistorhabdia* (Lepidoptera: Erebidae: Arctiinae: Syntomini) with description of a new species from Central African Republic, Africa. *European Journal of Entomology* 117: 139-148.
7. Skórka P., **Grzywacz B., Moroń D.**, Lenda M. 2020. The macroecology of the COVID-19 pandemic in the Anthropocene. *PloS ONE* 15(7): e0236856.
8. **Kociński M.** 2020. The relationship within the *Poecilimon ornatus* group (Orthoptera: Phaneropterinae) based on cytochrome c oxidase I gene. *Folia Biologica (Kraków)* 68: 7-13; OA.
9. **Kopeć K.**, Soszyńska-Maj A., Lukashevich E., Krzeminski W. 2020. Revision of the Mesozoic genus *Mesotipula* Handlirsch (Limoniidae, Diptera) from Asia extending its evolutionary history up to the Cretaceous. *Cretaceous Research* 114: 104504.

10. Krzemińska E., Starzyk N., Schweigert G., Fraaije R.H.B., Whicher J., Chandler R.B. 2020. New records of *Eogastrodorus* (Decapoda, Anomura, Gastrodoridae) from the Middle Jurassic (Bajocian) of England and France. Neues Jahrbuch für Geologie und Paläontologie, Abhandlungen 296(1): 147-156.
11. Potocka M., Krzemińska E., Gromadka R., Gawor J., Kocot-Zalewska J. 2020. Molecular identification of *Trichocera maculipennis*, an invasive fly species in the Maritime Antarctic. Molecular Biology Reports 47: 6379-6384.
12. Kubisz D., Magoga G., Mazur M.A., Montagna M., Ścibior R., Tykarski P., Kajtoch Ł. 2020. Biogeography and ecology of geographically distant populations of sibling *Cryptocephalus* leaf beetles. European Zoological Journal 87(1): 223-234.
13. Gutowski J.M., Sućko K., Borowski J., Kubisz D., Mazur M.A., Melke A., Mokrzycki T., Plewa R., Żmihorski M. 2020. Post-fire beetle succession in a biodiversity hotspot: Białowieża Primeval Forest. Forest Ecology and Management 461: 117893.
14. Lachowska-Cierlik D., Zając K., Mazur M.A., Sikora A., Kubisz D., Kajtoch Ł. 2020. The origin of isolated populations of the mountain weevil, *Liparus glabrirostris* – the flagship species for riparian habitats. Journal of Heredity 111(4): 357-370.
15. Łopińska A., Indykiewicz P., Skiebe E., Pfeifer Y., Trcek J., Jerzak L., Minias P., Nowakowski J., Ledwoń M., Beteleja J., Wilharm G. 2020. Low prevalence of *Acinetobacter baumannii* in gulls and songbirds. Polish Journal of Microbiology 69: 85-90.
16. Piechnik Ł., Kurek P., Ledwoń M., Holeksa J. 2019. Both natural and anthropogenic microhabitats and fine-scale habitat features of managed forest can affect the abundance of the Eurasian Wren. Forest Ecology and Management 456: 117695;.
17. Lemanik A., Baca M., Wertz K., Socha P., Popović D., Tomek T., Lipecki G., Kraszewska A., Miękina B., Źeromska A., Pereswiet-Soltan A., Szyndlar Z., Cieśla M., Valde-Nowak P., Mackiewicz P., Nadachowski A. 2020. The impact of major warming at 14.7 ka on environmental changes and activity of Final Palaeolithic hunters at a local scale (Orava-Nowy Targ Basin, Western Carpathians, Poland). Archaeological and Anthropological Sciences 12: 66.
18. Baca M., Popović D., Baca K., Lemanik A., Doan K., Horáček I., López-García, J.M., Bañuls-Cardona S., Pazonyi P., Desclaux E., Crégut E., Berto C., Mauch Lenardic J., Miękina B., Murelaga X., Cuenc-Bescos G., Krajcarz M., Marković Z., Petculessu A., Wilczyński J., Knul M., Stewart J., Nadachowski A. 2020. Diverse responses of common vole (*Microtus arvalis*) populations to Late Glacial and Early Holocene climate changes – evidence from ancient DNA. Quaternary Science Reviews 233: 106239.
19. Marciszak A., Lipecki G. 2020. Fossil bear material from the oldest deposits in the Jasna Strzegowska cave (Silesia, southern Poland). Geological Quarterly 64(4): 861-875.
20. Marciszak A., Lipecki G. 2020. The history of bears (Ursidae, Carnivora, Mammalia) from the Silesia (southern Poland) and the neighbouring areas. Geological Quarterly 64(4): 876-897.
21. Heller K.-G., Volleth M., Vedenin V., Maryńska-Nadachowska A., Warchałowska-Śliwa E. 2020. A perfect duet? The acoustic behaviour of *Anaulacomeria 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; OA.
22. Kuznetsova V., Maryńska-Nadachowska A., Anokhin B., Shapoval N., Shapoval A. 2020. Chromosomal analysis of eight species of dragonflies (Anisoptera) and damselflies (Zygoptera) using conventional cytogenetics and fluorescence in situ hybridization: Insights into the karyotype evolution of the ancient insect order Odonata. Journal of Zoological Systematics and Evolutionary Research 59(2): 387-399.
23. Miler K., Stec D., Czarnołęski M. 2020. Heat wave effects on the behavior and life history traits of sedentary antlions. Behavioral Ecology 31(6): 1326-1333.

24. Turza F., Zuber G., Bzoma M., Prus M., Filipiak M., **Miler K.** 2020. Ants co-occurring with predatory antlions show unsuccessful rescue behavior towards captured nestmates. *Journal of Insect Behavior* 33: 1-6.
25. Lenda M., Skórka P., Mazur B., Sutherland W., Tryjanowski P., **Moroń D.**, Meijaard E., Possingham H., Wilson K. 2020. Effects of amusing memes on concern for unappealing species. *Conservation Biology* 34(5): 1200-1209.
26. Picin A., Hajdiniak M., Nowaczewska W., Benazzi S., Urbanowski M., Marciszak A., Fewlass H., Socha P., Stefaniak K., Żarski M., Wiśniewski A., Hublin J.-J., **Nadachowski A.**, Talamo S. 2020. New perspectives on Neanderthal dispersal and turnover from Stajnia Cave (Poland). *Scientific Reports* 10: 14778.
27. Baca M., Bañuls-Cardona S., **Nadachowski A.**, Cuenca-Bescos G., **Miekina B.**, Doan K., Marković Z., Desclaux M., Knul M., Krajcarz M., Petculessu A., **Lemanik A.**, Murelaga X., Pazonyi P., Stewart J., Popović D., Berto C., Baca K., López-García J.-M., Crégut E., **Wilczyński J.**, Horacek I., Mauch Lenardić J. 2020. Diverse responses of common vole (*Microtus arvalis*) populations to Late Glacial and Early Holocene climate changes – evidence from ancient DNA, *Quaternary Science Reviews* 233: 106239.
28. Kovalchuk O., Baykina E., Świdnicka E., Stefaniak K., **Nadachowski A.** 2020. A systematic revision of herrings (Teleostei, Clupeidae, Clupeine) from the Oligocene and early Miocene from the Eastern Paratethys and the Carpathian Basin. *Journal of Vertebrate Paleontology* 40(2): e1778710.
29. Kovalchuk O., **Nadachowski A.**, Świdnicka E., Stefaniak K. 2020. Fishes from the Miocene lacustrine sequence of Bełchatów (Poland), *Historical Biology* 32(8): 1011-1018
30. Smolis A., **Pašník G.** 2020. Phylogenetic analysis of the tribe Neanurini questions tribal classification of the subfamily Neanurinae (Collembola: Neanuridae). *Organisms Diversity & Evolution* 20(3): 497-509.
31. Pryor A.J.E., **Pospuła S.**, Nesnídalová T., Kowalik N., **Wojtal P.**, **Wilczyński J.** 2020. Mobility and season of death of the Arctic foxes killed by Gravettian hunters at Kraków Spadzista, Poland. *Journal of Archaeological Science: Reports* 33: 102520.
32. Michalik J., Wodecka B., Liberska J., Dabert M., **Postawa T.**, Piksa K., Stańczak J. 2020. Diversity of *Borrelia burgdorferi* sensu lato species in *Ixodes* ticks (Acari: Ixodidae) associated with cave-dwelling bats from Poland and Romania. *Ticks and Tick-Borne Diseases* 11(1): 101300.
33. Pawelczyk O., **Postawa T.**, Blaski M., Solarz K. 2020. Morphology reveals the unexpected cryptic diversity in *Ceratophyllus gallinae* (Schrank, 1803) infested *Cyanistes caeruleus* Linnaeus, 1758 nest boxes. *Acta Parasitologica* 65(4): 874-881
34. Delabye S., Maicher V., Sáfián S., Potocký P., Mertens J.E.J., **Przybyłowicz Ł.**, Murkwe M., Kobe I.N., Fokam E.B., Janeček Š., Tropek R. 2020. First records of 31 species of butterflies and moths (Lepidoptera) in Cameroon, with remarks on their elevational ranges. *Biodiversity Data Journal* 8: e50543
35. Maicher V., Sáfián S., Murkwe M., Delabye S., **Przybyłowicz Ł.**, Potocký P., Kobe I.N., Janeček Š., Mertens J.E.J., Fokam E.B., Pyrcz T., Doležal J., Altman J., Hořák D., Fiedler K., Tropek R. 2020. Seasonal shifts of biodiversity patterns and species elevation ranges of butterflies and moths along a complete rainforest elevational gradient on Mount Cameroon. *Journal of Biogeography* 47(2): 342-354.
36. Shrubovych J., Smykla J., Bernard E.C. 2020. Protura in Arctic regions, with description of *Mastodonentomon* n. gen. (Acerentomidae, Nipponentominae) and a key to known Arctic taxa. *Insects* 11(3): 173
37. Bugaj-Nawrocka A., **Sawka-Gądek N.**, Chłond D. 2020. Prediction of hybridization zones supported by laboratory crossbreeding of selected species of the genus *Platymeris* Lapote, 1833 (Heteroptera: Reduviidae: Reduviinae). *Austral Entomology* 59: 323-336.

38. Sterzyńska M., **Shrubovych J.**, Tajovský K., Čuchta P., Starý J., Kaňa J., Smykla J. 2020. Responses of soil microarthropod taxon (Hexapoda: Protura) to natural disturbances and management practices in forest dominated subalpine lake catchment areas. *Scientific Reports* 10: 5572.
39. **Skibińska K.**, Szadziewski R., Kania I., Krzemieński W. 2020. A new species of Bruchomyiinae (Diptera: Psychodidae) from Baltic amber. *Zootaxa*. 4838(1): 147-150
40. Ševčík J., Krzemieński W., **Skibińska K.** 2020. Intriguing and Beautiful: Adamacrocera adami gen. et sp. nov. from the Upper Cretaceous Amber of Myanmar Represents a New Subfamily of Keroplatidae (Diptera: Bibionomorpha). *Insects* 11(9): 552.
41. Klompmaker A.A., **Starzyk N.**, Fraaije R., Schweigert G. 2020. Systematics and convergent evolution of multiple reef-associated Jurassic and Cretaceous crabs (Decapoda, Brachyura). *Palaeontologia Electronica* 23(2): a32.
42. Zagata-Leśnicka P., Greczek-Stachura M., **Tarcz S.**, Rautian M. 2020. Molecular Investigation of *Paramecium bursaria* Endosymbiotic Algae: the First Records of Symbiotic *Micractinium reisseri* from Kamchatka. *Folia Biologica (Kraków)* 68: 15-22.
43. **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.
44. **Warchałowska-Śliwa E.**, Rhee H., Heller K.-G., **Grzywacz B.** 2020. Tribal affiliation of endemic Macaronesian bush-crickets similar to *Tettigonia* (Orthoptera: Tettigoniidae) based on their karyology and taxonomy. *European Journal of Entomology* 117: 157-163.
45. **Weiner W.M.**, Fiera C. 2020. Two new species of *Hymenaphorura* Bagnall, 1948 (Collembola, Onychiuridae) from Romania and an updated key to the genus. *ZooKeys* 960: 17-38
46. Bellini B.C., **Weiner W.M.**, Queiroz G.C., Paz R.V. 2020. A Survey of *Neotropiella* Handschin, 1942 (Collembola, Neanuridae, Pseudachorutinae) with the Description of a New Brazilian Species. *Insects* 11(7): 438.
47. **Wilczyński J.**, Haynes G., Sobczyk Ł., Svoboda J., Roblíčková M., **Wojtal P.** 2020. Friend or foe? Large canid remains from Pavlovian sites and their archaeozoological context. *Journal of Anthropological Archaeology* 59: 101197.
48. **Wilczyński J.**, Žaár O., Nemergut A., Kufel-Diakowska B., Moskal-del Hoyo M., Mroczek P., Pál-Gergely B., Oberc T., Lengyel G. The Upper Palaeolithic at Trenčianske Bohuslavice, Western Carpathians, Slovakia. *Journal of Field Archaeology* 45(4): 270-292.
49. **Wilczyński J.**, Goslar T., **Wojtal P.**, Oliva P., Göhlich U.B., Antl-Weiser W., Šídá P., Verpoorte A., **Lengyel G.** 2020. New radiocarbon dates for the Late Gravettian in Eastern Central Europe. *Radiocarbon* 62(1): 243-259.
50. **Wilczyński J.**, Krajcarz M.T., Moskal-del Hoyo M., Alexandrowicz W.P., **Miękina B.**, Pereswiet-Soltan A., **Wertz K.**, **Lipecki G.**, Marciszak A., Lőugas L., Gradziński M., Szczepanek A., Zastawny A., Wojenka M. 2020. Late Glacial and Holocene paleoecology and paleoenvironmental changes in the northern Carpathians: Žarska Cave (southern Poland) case study. *Holocene* 30(6): 905-922.
51. Czekaj-Zastawny A., Rauba-Bukowska A., Kukulka A., Kufel-Diakowska B., Lityńska-Zajac M., Moskal-del Hoyo M., **Wilczyński J.** 2020. The earliest farming communities north of the Carpathians: The settlement at Gwoździec site 2. *PLoS ONE* 15(1): e0227008.
52. Kowalik N., Anczkiewicz R., **Wilczyński J.**, **Wojtal P.**, Müller W., Bondioli L., Nava A., Gasparik M. 2020. Tracing human mobility in central Europe during the Upper Paleolithic using sub-seasonally resolved Sr isotope records in ornaments. *Scientific Reports* 10: 10386.
53. Krajcarz M., Krajcarz M.T., Baca M., Baumann Ch., Van Neer V., Popović D., Sudol-Procyk M., Wach B., **Wilczyński J.**, Wojenka M., Bocherens H. 2020. Ancestors of domestic cats in Neolithic Central Europe – isotopic evidence of a synanthropic diet. *Proceedings of the National Academy of Sciences of the United States of America, PNAS* 117(30): 17710–17719.

54. Mnich B., Mueller-Bieniek A., Nowak M., **Wilczyński J.**, Pospuła S., Szostek, K. 2020. Terrestrial diet in prehistoric human groups from Southern Poland based on human, faunal and botanical stable isotope evidence. *Journal of Archaeological Science: Reports* 32: 102382.
55. Svoboda J., Boriová S., Lengyel G., Pokorný P., Přichystal A., Sázelová S., **Wilczyński J.** 2020. Last Glacial Maximum landscape and Epigravettian horse hunting strategy in Central Europe: The case of Stránská skála IV. *Přehled výzkumů* 61/1: 59–70.
56. **Wojtal P.**, Svoboda J., Roblíčková M., **Wilczyński J.** 2020. Carnivores in the everyday life of Gravettian hunters-gatherers in Central Europe. *Journal of Anthropological Archaeology* 59: 101171.
57. Haynes G., Krasinski K., **Wojtal P.** 2020. Elephant bone breakage and surface marks made by trampling elephants: Implications for interpretations of marked and broken *Mammuthus* spp. *Bones. Journal of Archaeological Science: Reports* 33: 102491.

2019

Artykuły/Articles

1. Bocheński Z.M., Wertz, K., Tomek, T., Gorobets, L., 2019. A new species of the late Miocene charadriiform bird (Aves: Charadriiformes), with a summary of all Paleogene and Miocene Charadrii remains. *Zootaxa*, 4624(1):41–58.
2. Chmolowska D., Nobis M., Nowak A., Maślak M., Kojs P., Rutkowska J., Zubek Sz. 2019. Rapid change in forms of inorganic nitrogen in soil and moderate weed invasion following translocation of wet meadows to reclaimed post-industrial land. *Land Degradation and Development*, 30(8): 964–978.
3. Zubek Sz., Chmolowska D., Jamrozek D., Ciechanowska A., Nobis M., Błaszkowski J., Rożek K., Rutkowska J. 2019. Monitoring of fungal root colonisation, arbuscular mycorrhizal fungi diversity and soil microbial processes to assess the success of ecosystem translocation. *Journal of Environmental Management*, 246: 538–546.
4. Gurgul A., Miksza-Cybulska A., Szmatola T., Jasielczuk I., Semik-Gurgul E., Bugno-Poniewierska M., Figarski T., Kajtoch Ł. 2019. Evaluation of genotyping by sequencing for population genetics of sibling and hybridizing birds: an example using Syrian and Great Spotted Woodpeckers. *Journal of Ornithology*, 160(1): 287–294.
5. Grzędzicka E. 2019. Is the existing urban greenery enough to cope with current concentrations of PM2.5, PM10 and CO₂? *Atmospheric Pollution Research*, 10(1): 219–233.
6. Grzywacz B., Tatsuta H., Bugrov A.G., Warchałowska-Śliwa E. 2019. Cytogenetic markers reveal a reinforcemenet of variation in the tension zone between chromosome races in the brachypterous grasshopper *Podisma sapporensis* Shir. on Hokkaido Island. *Scientific Reports*, 9: 16860.
7. Michalik A., Michalik K., Grzywacz B., Kalandyk-Kołodziejczyk M., Szklarzewicz T. 2019. Molecular characterization, ultrastructure, and transovarial transmission of *Tremblaya phenacola* in six mealybugs of the Phenacoccinae subfamily (Insecta, Hemiptera, Coccomorpha). *Protoplasma*, 256(6): 1597–1608.
8. Kajtoch Ł., Kolasa M., Kubisz D., Gutowski J. M., Ścibior R., Mazur M. A., Holecová M. 2019. Using host species traits to understand the *Wolbachia* infection distribution across terrestrial beetles. *Scientific Reports*, 9: 847.
9. Lešo P., Kropil R., Kajtoch Ł. 2019. Effects of forest management on bird assemblages in oak-dominated stands of the Western Carpathians - refuges for rare species. *Forest Ecology and Management*, 453: 117620.
10. Matysek M., Kajtoch Ł., Gwiazda R., Binkiewicz B., Szewczyk G. 2019. Could gaps and diverse topography compensate for habitat deficiency by the forest-dwelling bird Hazel Grouse (*Tetrastes bonasia*)? *Avian Biology Research*, 12(2): 59–66.
11. Kolasa M., Ścibior R., Mazur M.A., Kubisz D., Dudek K. Kajtoch Ł. 2019. How hosts taxonomy, trophy and endosymbionts shape microbiome diversity in beetles. *Microbial Ecology*, 78(4): 995–1013.

12. Piprek R.P., **Kolasa M.**, Podkowa D., Kloc M., Kubiak J.Z. 2019. N-Cadherin is Critical for the Survival of Germ Cells, the Formation of Steroidogenic Cells, and the Architecture of Developing Mouse Gonads. *Cells*, 8 (12), 1610.
13. Stewart K. A., Draaijer R., **Kolasa M. R.**, Smallegange I. M. (2019). The role of genetic diversity in the evolution and maintenance of environmentally-cued, male alternative reproductive tactics. *BMC Evolutionary Biology*, 19:58.
14. **Kopeć K.**, Perkovsky E., **Skibińska K.** 2019. A new species of a genus *Cheilotrichia* (Diptera: Limoniidae) from Baltic and Ukrainian amber. *Annales Zoologici*, 69(2): 423-426.
15. Prokop J., **Krzemińska E.**, **Krzemiński W.**, Rosová., Pecharová M., André Nel A., Engel M.S. 2019. Ecomorphological diversification of the Late Palaeozoic Palaeodictyopterida reveals different larval strategies and amphibious lifestyle in adults. *Royal Society Open Science*, 6(9): 190460.
16. Curler G.R., **Krzemiński W.**, **Skibińska K.** 2019. The first record of fossil Horaiellinae (Diptera: Psychodidae) from mid-Cretaceous amber of northern Myanmar. *Cretaceous Research*, 98:305-315.
17. Dvořák T., Pucharová M., **Krzemiński W.** Prokop J. 2019. New archaeorthopteran insects from the Carboniferous of Poland: Insights into tangled taxonomy. *Acta Palaeontologica Polonica*, 64 (4): 787-796.
18. Kania I., Wojtoń M., **Krzemiński W.** 2019. The oldest *Mycetobia* Meigen, 1818 (Diptera, Anisopodidae) from Upper Cretaceous amber on northern Myanmar. *Cretaceous Research*, 95: 302-309.
19. Kania I., Woytoń M., Lukashevich E., Stanek-Tarkowska J., Wang Bo, **Krzemiński W.** 2019. Anisopodidae (Insecta: Diptera) from Upper Cretaceous amber of northern Myanmar. *Cretaceous Research* 94: 190-206.
20. **Ledwoń M.**, Neubauer G., **Żmuda A.**, Flis A. 2019. Interaction between parent body condition and sex affects offspring desertion in response to acute stress. *Journal of Ornithology*, 160(2): 417-428.
21. Bogdziewicz M., Żywiec M., Espelta J.M., Fernández- Martinez M., Calama R., **Ledwoń M.**, McIntire E., Crone E.E. 2019. Environmental veto synchronizes mast seeding in four contrasting tree species. *American Naturalist*, 194(2): 246-259.
22. Pesendorfer M.B., Bogdziewicz M., Walter D.K., **Ledwoń M.**, Żywiec M. 2019. Declining fruit production before death in a widely distributed tree species, *Sorbus aucuparia* L. *Annals of Forest Science*, 76: 11.
23. Minias P., Indykiewicz P., Nowakowski J.J., **Ledwoń M.**, Kowalski J., Betleja J., Dulisz B., Chyb A., Janiszewski T. 2019. Melanin-based plumage ornamentation signals condition and physiological stress in the Black-headed Gull. *Journal of Ornithology*, 160(4): 1159-1169.
24. Baca M., Popović D., **Lemanik A.**, Baca K., Horáček I., **Nadachowski A.** (2019) Highly divergent lineage of narrow-headed vole from the Late Pleistocene Europe. *Scientific Reports*, 9:17799.
25. Montuire S., Royer A., **Lemanik A.**, Gilg O., Sokolova N., Sokolov A., Desclaux E., **Nadachowski A.**, Navarro N. (2019). Molar shape differentiation during range expansions of the collared lemming (*Dicrostonyx torquatus*) related to past climate changes. *Quaternary Science Reviews*, 221: 105886.
26. Ersmark E., Baryshnikov G., Higham T., Argant A., Castaños P., Döppes D., Gasparik M., Germonpré M., Lidén K., **Lipecki G.**, Marciszak A., Miller R., Moreno-García M., Pacher M., Robu M., Rodriguez-Varela R., Rojo Guerra M., Sabol M., Spassov N., Storå J., Valdiosera C., Villaluenga A., Stewart J. R., Dalén L. 2019. Genetic turnovers and northern survival during the last glacial maximum in European brown bears. *Ecology and Evolution*, 9(10): 5891–5905.
27. Marciszak A., Schouwenburg C., **Lipecki G.**, Talamo S., Shpansky A., Malikov D., Gornig W. Steppe brown bear *Ursus arctos "priscus"* from the Late Pleistocene of Europe. *Quaternary International*, 534: 158-170.

28. Marciszak A., Schouwenburg C., Gornig W., **Lipecki G.**, Mackiewicz P. 2019. Morphometric comparison of *Panthera spelaea* (Goldfuss, 1810) from Poland with the lion remains from Eurasia over the last 700 ka. *Quaternary Science Reviews*, 223: 105950.
29. Kuznetsova V.G., **Maryńska-Nadachowska A.**, Khabiev G.N., Karagyan G., Krivokhatsky V.A. 2019. Variation in the number of testicular follicles and ovarioles among 18 lacewing species of the families Myrmeleontidae, Ascalaphidae, and Nemopteridae (Insecta, Neuroptera, Myrmeleontiformia). *ZooKeys*, 894: 33-51.
30. **Moroń D.**, Skórka P., Lenda M., Kajzer-Bonk J., Mielczarek Ł., Rożej-Pabijan E., Wantuch M. 2019. Linear and non-linear effects of goldenrod invasions on native pollinator and plant populations. *Biological Invasions*, 21(3): 947-960.
31. **Moroń D.**, Skórka P., Lenda M. 2019. Disappearing edge: the flowering period changes the distribution of insect pollinators in invasive goldenrod patches. *Insect Conservation and Diversity*, 12(2): 98-108.
32. Kajzer-Bonk J., Skórka P., Bonk M., Lenda M., Rożej-Pabijan E., Wantuch M., **Moroń D.** 2019. The effect of railways on bird diversity in farmland. *Environmental Science and Pollution Research*, 26(30): 31086-31098.
33. Lenda M., Skórka P., Knops J., Żmihorski M., Gaj R., **Moroń D.**, Woyciechowski M., Tryjanowski P. 2019. Multispecies invasion reduces the negative impact of single alien plant species on native flora. *Diversity and Distributions*, 25(6): 951-962.
34. **Paśnik G.**, Kaprus' I. 2019. A new species of *Oligaphorura* Bagnall, 1949 (Collembola: Onychiuridae) from Alaska. *Zootaxa*, 4712(2): 293-295.
35. Szubert-Kruszyńska A., Stańczak J., Cieniuch S., Podsiadły E., **Postawa T.**, Michalik J. 2019. *Bartonella* and *Rickettsia* Infections in Haematophagous *Spinturnix myoti* Mites (Acari: Mesostigmata) and their Bat Host, *Myotis myotis* (Yanchochiroptera: Vespertilionidae), from Poland. *Microbial Ecology*, 77(3): 759-768.
36. Ignaczak M., **Postawa T.**, Lesiński G., Gottfried I. 2019. The role of autumnal swarming behaviour and ambient air temperature in the variation of body mass in temperate bat species. *Hystrix -Italian Journal of Mammalogy*, 30(1): 65-73.
37. **Przyboś E.**, **Tarcz S.** 2019. Global molecular variation of *Paramecium jenningsi* complex (Ciliophora, Protista): a starting point for further, detailed biogeography surveys. *Systematics and Biodiversity*, 17(5): 527-539.
38. **Przybyłowicz Ł.**, Lees D.C., Zenker M.M., Wahlberg N. 2019. Molecular systematics of the arctiine tribe Syntomini (Lepidoptera, Erebidae). *Systematic Entomology*, 44(3): 624-637.
39. **Przybyłowicz Ł.**, Maicher V., Laszlo G.M., Safian S., Tropek R. 2019. *Amerila* (Lepidoptera: Erebidae: Arctiinae) of Cameroon with morphological remarks on male and female genitalia. *Zootaxa*, 4674(2): 283–295.
40. **Przybyłowicz Ł.**, **Tarcz S.**, Laszlo G.M., Safian S., Zilli A. 2019. Revision of the *Amerila syntomina* species complex with description of a new species from West Africa (Lepidoptera: Erebidae: Arctiinae). *Annales Zoologici*, 69(4): 703-717.
41. Maicher V., Safian S., Murkwe M., **Przybyłowicz Ł.**, Janeček Š., Fokam E.B., Pyrcz T., Tropek R. 2018. Flying between raindrops: Strong seasonal turnover of several Lepidoptera groups in lowland rainforests of Mount Cameroon. *Ecology and Evolution*, 8(24): 12761-12772.
42. **Przyboś E.**, Rautian M., Beliavskai M., **Tarcz S.** 2019. Evaluation of molecular variability and characteristics of *Paramecium polycaryum* and *Paramecium nephridiatum*, within subgenus *Cypriostomum* (Ciliophora, Protista). *Molecular Phylogenetics and Evolution*, 132: 296-306.
43. Copeland R.S., **Razowski J.** 2019. Frugivorous Insects reared from *Chytranthus obliquinervis* Radlk. (Sapindales: Sapindaceae) with the description of a new monophagous species of *Grapholita* Treitschke (Lepidoptera: Tortricidae). *Proceedings of the Entomological Society of Washington*, 121(3): 382-393.

44. Chłond D, **Sawka-Gądek N**, Żyła D. 2019. Genetic data of museum specimens allow for inferring evolutionary history of the cosmopolitan genus *Sirthenea* (Heteroptera: Reduviidae). PeerJ 7:e6640.
45. Chłond D., Bugaj-Nawrocka A., **Sawka-Gądek N**. 2019. Are we witnessing speciation? A case study of the species *Sirthenea flavipes* (Stål, 1855) (Heteroptera: Reduviidae). Austral Entomology, 58(1): 96-110.
46. Gosik R., Mazur M.A., **Sawka-Gądek N**. 2019. First description of larva and pupa of *Bagous claudicans* Boheman, 1845 (Curculionidae, Bagoinae) and systematic position of the species based on molecular and morphological data. Insects, 10(6): 166.
47. **Shrubovych J**. 2019. *Nienna chukotka* sp. nov. (Protura, Acerentomidae, Nipponentominae) from the Arctic region, with a key to the species of the genus. ZooKeys, 899: 37-45.
48. **Shrubovych J.**, Georgiev D. G., Fiera C. 2019. A new species of Acerentulus Berlese, 1908 (Protura, Acerentomata, Acerentomidae) from Bulgaria with a revised key to the confinis group. ZooKeys, 876: 27-38.
49. Bluhm S. L., Potapov A. M., **Shrubovych J.**, Ammerschubert S., Polle A., Scheu S. 2019. Protura are unique: First evidence of specialized feeding on ectomycorrhizal fungi in soil invertebrates. BMC Ecology, 19:10.
50. **Sternalski J.**, **Paśnik G**. 2019. A new species of *Xenylla* Tullberg, 1869 (Collembola: Hypogastruridae) from Peru, with a key to Neotropical species of the genus. Zootaxa, 4711(1): 185-192.
51. **Weiner W.M.**, Stebaeva S., Kaprus' I. 2019. A new species of *Psyllaphorura* Bagnall, 1948 (Collembola: Onychiuridae) from the Altai Mountains with a key to world species of the genus. Annales Zoologici, 69(4): 669-673.
52. **Weiner W.M.**, Xie Z., Li Y., Sun X. 2019. *Ceratophysella* species from mushrooms in China (Collembola, Hypogastruridae). ZooKeys, 822: 67-77.
53. Bellini B.C., Santos N.M.C., Souza P.G.C., **Weiner W.M.** 2019. Two new species of Brazilian springtails (Hexapoda: Collembola) with comments on Neotropical *Brachystomella* Ågren and *Seira* (*Lepidocyrtinus*) Börner. Insect Systematics & Evolution, 50(3): 297-326.
54. **Wilczyński J.**, **Wojtal P.**, Oliva M., Sobczyk K., Haynes G., Klimowicz J., Lengyel G. 2019. Mammoth hunting strategies during the Late Gravettian in Central Europe as determined from case studies of Milovice I (Czech Republic) and Kraków Spadzista (Poland). Quaternary Science Reviews, 223: 105919.
55. Krajcarz M., **Wilczyński J**. 2019. Intrastrata geochemical variability of a Paleolithic bone assemblage: The case of single-phase Gravettian site Jaksice II, southern Poland. Geoarchaeology. An International Journal, 34(5): 581-591.
56. Svoboda J., Krejčí O., Krejčí V., Dohnalová A., Sázelová S., **Wilczyński J.**, **Wojtal P.** 2019. Pleistocene landslides and mammoth bone deposits: The case of Dolní Věstonice II, Czech Republic. Geoarchaeology. An International Journal, 34(6): 745-758.
57. **Wojtal P.**, Haynes, G., Klimowicz, J., Sobczyk, K., Tarasiuk, J., Wroński, S., **Wilczyński, J.** 2019. The earliest direct evidence of mammoth hunting in Central Europe – The Kraków Spadzista site (Poland). Quaternary Science Reviews, 213: 162-166.

2018

Monografie/Monographs

Przybos E., **Tarcz S.** 2018. *Paramecium* (Protista, Ciliophora, Oligohymenophorea) as a model organisms in biological studies, especially concerning speciation process. Institute of Systematics and Evolution of Animals, Polish Academy of Sciences, Kraków. pp. 1-68.

Artykuły/Articles

1. **Bochenksi Z.M., Tomek T., Wertz K.**, Kaczanowska, M., Kozłowski, J.K., Sampson, A., 2018. Who ate the birds: the taphonomy of Sarakenos Cave, Greece. Archaeological and Anthropological Sciences, 10(7): 1603-1615.
2. **Bochenksi Z.M., Tomek T., Wertz K.**, Happ J., Bujoczek M., Świdnicka E. 2018. Articulated avian remains from the early Oligocene of Poland adds to our understanding of Passerine evolution. Palaeontologia Electronica, 21.2.32A. 1-12.
3. **Bochenksi Z.M., Wertz K., Tomek T.** 2018. What happens to dead birds left in a cave and its vicinity for a quarter of a century? A taphonomic experiment. Historical Biology, 30(6): 855-867.
4. **Figarski T., Kajtoch Ł.** 2018. Hybrids and mixed pairs of Syrian and great-spotted woodpeckers in urban populations. Journal of Ornithology, 159 (1): 311-314.
5. **Figarski T., Kajtoch Ł.** 2018. Differences in habitat requirements between two sister *Dendrocopos* woodpeckers in urban environments: implication for the conservation of Syrian Woodpecker. Acta Ornithologica, 53 (1): 23-36.
6. **Grzywacz B.**, Lehmann A.W., Chobanov D.P., Lehmann G.U.C. 2018. Multiple origin of flightlessness in Phaneropterinae bushcrickets and redefinition of the tribus Odonturini (Orthoptera: Tettigonioidea: Phaneropteridae). Organisms Diversity & Evolution, 18 (3): 327-339.
7. **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.
8. **Kajtoch Ł.**, Montagna M., Wanat M. 2018. Species delimitation within the *Bothryorrhynchapion* weevils: multiple evidence from genetics, morphology and ecological associations. Molecular Phylogenetics and Evolution, 120: 354–363.
9. **Kajtoch Ł.**, Kotásková N. 2018. Current state of knowledge on *Wolbachia* infection among Coleoptera: a systematic review. PeerJ: e4471.
10. Plewa R., Sikora K., Gutowski J.M., Jaworski T., Tarwacki G., Tkaczyk M., Rossa R., Hilszczański J., Magoga G., **Kajtoch Ł.** 2018. Morphology, genetics and *Wolbachia* endosymbionts support distinctiveness of *Monochamus sartor sartor* and *M. s. urussovii* (Coleoptera: Cerambycidae). Arthropod Systematics & Phylogeny, 76 (1): 123-135.
11. **Kociński M., Grzywacz B.**, Chobanov D., **Warchałowska-Śliwa E.** 2018. New insights into the karyotype evolution of the genus *Gampsocleis* (Orthoptera, Tettigoniinae, Gampsocleidini). Comparative Cytogenetics, 12(4): 529-538.
12. **Kolasa M., Kubisz D.**, Gutowski J. M., OEcibior R., Mazur M. M., Holecová M., **Kajtoch Ł.** 2018. Infection by endosymbiotic “male-killing” bacteria in Coleoptera. Folia Biologica (Kraków), 66(4): 165-177.
13. **Kolasa M., Kubisz D.**, Mazur M.A., OEcibior R., **Kajtoch Ł.** 2018. *Wolbachia* prevalence and diversity in selected riverine predatory beetles (Bembidiini and Paederini). Bulletin of Insectology, 71 (2): 193-200.
14. Kotásková N., **Kolasa M., Kajtoch Ł.** 2018. Contrasting patterns of molecular diversity and *Wolbachia* infection in bisexual and parthenogenetic *Strophosoma* weevils (Coleoptera: Curculionidae). Entomological Science, 21(4): 385-395.
15. Piprek, R. P., **Kolasa, M.**, Podkowa, D., Kloc, M., Kubiak, J. Z. (2018). Transcriptional Oprofiling validates involvement of extracellular matrix and proteinases genes in mouse gonad development. Mechanisms of Development, 149: 9-19.
16. Skwierzyńska A. M., Plesnar-Bielak A., **Kolasa M.**, Radwan J. 2018. Evolution of mate guarding under the risk of intrasexual aggression in a mite with alternative mating tactics. Animal Behaviour, 137: 75-82.

17. **Kopeć K.** 2018. A new species of Mesotipula (Limoniidae, Diptera) from the Lower Jurassic of England. *Annales Zoologici*, 68(1): 93-96.
18. **Kopeć K.**, Krzemiński W., Soszyńska-Maj W., Cao Y., Ren R. 2018. A new species of Orthobittacus (Mecoptera, Bittacidae) from the Middle Jurassic of Daohugou, Inner Mongolia (China). *Earth and Environmental Science Transactions of the Royal Society of Edinburgh*, 107 (2-3): 157-162.
19. **Kopeć K.**, Soszyńska-Maj A., Gehler A., Ansorge J., Krzemiński W. 2018. Mecoptera and Diptera from the early Toarcian (Early Jurassic) deposits of Wolfsburg – Grose Kley (Lower Saxony, Germany). *Earth and Environmental Science Transactions of the Royal Society of Edinburgh*, 107 (2-3): 163-171.
20. Soszyńska-Maj A., Krzemiński W., **Kopeć K.**, Cao Y., Ren D. 2018. Large Jurassic scorpionflies belonging to a new subfamily of the family Orthophlebiidae (Mecoptera). *Annales Zoologici*, 68(1): 85-92.
21. Wojtoń M., Kania L., **Kopeć K.** 2018. „*Sylvicola* Harris, 1780 (Diptera: Anisopodidae) in the Eocene resine”. *Annales Zoologici*, 68(4):849-866.
22. **Krzemińska E.**, Lukashevich E. 2018. The oldest Trichoceridae (Diptera) from the Lower Jurassic of Kyrgyzstan: implications of the biomechanical properties of their wings. *Earth and Environmental Transactions of the Royal Society of Edinburgh*, 107 (2-3): 173-176.
23. Potocka M., **Krzemińska E.** 2018. *Trichocera maculipennis* (Diptera) – an invasive species in Maritime Antarctica. *PeerJ* 6: e5408.
24. Prokop J., Pecharová M., Nel A., Hörnschemeyer T., **Krzemińska E.**, Krzemiński W., Engel M. S. 2017. Paleozoic nymphal wing pads support dual model of insect wing origins. *Current Biology*, 27(2): 263-269.
25. **Krzemiński W.**, Soszyńska-Maj A., **Kopeć K.**, Sukatsheva I. D. 2018. The oldest representative of the family Austropanorpidae (Mecoptera) from the Lower Jurassic of Siberia. *Earth and Environmental Science Transactions of the Royal Society of Edinburgh*, 107 (2-3): 151-155.
26. Kania I., **Krzemiński W.**, Arillo A. 2018. A New peculiar species of the genus *Helius* Lepeletier & Serville, 1828 (Diptera, Limoniidae) from Cretaceous Álava amber (Spain). *Earth and Environmental Science Transactions of the Royal Society of Edinburgh*, 107 (2-3): 231-237.
27. Kania I., **Krzemiński W.**, Stebner F. 2018. The first representative of Tipulomorpha (Diptera) from Early Eocene Cambay amber (India). *Earth and Environmental Science Transactions of the Royal Society of Edinburgh*, 107(2-3): 263-269.
28. Soszyńska-Maj A., **Krzemiński W.**, **Kopeć K.**, Coram R. 2018. Worcestobiidae: A new Triassic family of Mecoptera based on species removed from the family Orthophlebiidae. *Earth and Environmental Science Transactions of the Royal Society of Edinburgh*, 107 (2-3): 145-149.
29. Szadziewski R., Krynicki V.E., **Krzemiński W.** 2018. The latest record of the extinct subfamily Eoptychopterinae (Diptera: Ptychopteridae) from Upper Cretaceous amber of North Carolina. *Cretaceous Research*, 82: 147-151.
30. **Ledwoń M.**, Neubauer G. 2018. True deception during extra-pair courtship feeding: cheating Whiskered Tern *Chlidonias hybrida* females perform better. *Journal of Avian Biology*, 49 (6): 1-13.
31. Żywiec M., **Ledwoń M.**, Holeksa J., Seget P., Łopata B., Fedriani JM. 2018. Rare events of massive plant reproductive investment lead to long-term density-dependent reproductive success. *Journal of Ecology*, 106 (3): 1307-1318.
32. **Lengyel G.**, **Wilczyński J.** 2018. The Gravettian and the Epigravettian chronology in eastern Central Europe: A comment on Bösken et al. (2017). *Palaeogeography, Palaeoclimatology, Palaeoecology*, 506: 265-269.
33. **Maryńska-Nadachowska A.**, Kuznetsova V.G., Golub N.V., Anokhin B.A. 2018. Detection of telomeric sequences and ribosomal RNA genes in holokinetic chromosomes of five jumping plant-lice

- species: the first data on the superfamily Psylloidea (Hemiptera: Sternorrhyncha). European Journal of Entomology, 115: 632-640.
34. Kuznetsova V. G., **Maryńska-Nadachowska A.**, Shapoval N. A., Anokhin B. A., Shapoval A. P. 2017. Cytogenetic characterization of eight Odonata species originating from the Curonian Spit (the Baltic Sea, Russia) using C-banding and FISH with 18S rDNA and telomeric (TTAGG)_n probes. Cytogenetics and Genome Research, 153: 147-157.
 35. Grześ I.M., Ślipiński P., Babik H., **Moroń D.**, Walter B., Trigos Pearl G., Maak I., Witek M. 2018. Colony size and brood investment of *Myrmica rubra* ant colonies in habitats invaded by goldenrods. Insectes Sociaux, 65(2), 275-280.
 36. Lenda M., Knops J., Skórka P., **Moroń D.**, Woyciechowski M. 2018. Cascading effects of changes in land use on the invasion of the walnut *Juglans regia* in forest ecosystems. Journal of Ecology, 106 (2): 671-686.
 37. Skórka P., Lenda M., **Moroń D.** 2018. Roads affect the spatial structure of butterfly communities in grassland patches. PeerJ, 6:e5413.
 38. Trigos Peral G., Casacci L.P., Ślipiński P., Grześ I., **Moroń D.**, Babik H., Witek M. 2018. Ant communities and Solidago plant invasion: Environmental properties and food sources. Entomological Science, 21(3): 270-278.
 39. **Nadachowski A., Lipecki G.**, Baca M., Żmihorski M., **Wilczyński J.** 2018. Impact of climate and humans on the range dynamics of the woolly mammoth (*Mammuthus primigenius*) in Europe during MIS 2. Quaternary Research, 90, Special Issue 3 (Gravettian Hunters): 439-456.
 40. Baca M., Popović D., Panagiotopoulou H., Marciszak A., Krajcarz M., Krajcarz M. T., Makowiecki D., Węgleński P., **Nadachowski A.** 2018. Human-mediated dispersal of cats in the Neolithic Central Europe. Heredity, 121 (6): 557-563.
 41. Hrynowiecka A., Żarski M., Jakubowski G., **Nadachowski A.**, Pawłowska K., Pawłowski D., Szymanek M., Nast D. 2018. Eemian and Vistulian (Weichselian) paleoenvironmental changes: A multi-proxy study of sediments and mammal remains from the Ławy paleolake (Eastern Poland). Quaternary International, 467 (part A): 131-146.
 42. Stachurska-Swakoń A., Barabasz-Krasny B., Klasa A., **Palaczyk A.** 2018. Reduced plant fitness by pre-dispersal seed predation in the threatened plant species *Cirsium decussatum*. Seed Science Research, 28 (2): 123-130.
 43. **Paśnik G., Weiner W.M.** 2018. Redescription of *Chribellphorura allanae* (Christiansen & Bellinger, 1980) (Collembola, Onychiuridae), with comments on the systematic position of the genus. ZooKeys, 803: 1-6.
 44. **Paśnik G., Weiner W.M.** 2018. A new species of *Hymenaphorura* (Bagnall, 1948) (Collembola: Onychiuridae) from Japan, with an identification key to the genus. Annales Zoologici, 68(3): 431-436.
 45. **Przybos E., Tarcz S.** 2018. New stands of the *Paramecium aurelia* spp. Complex (Protista, Oligohymenophorea) in Ethiopia, Madagascar, Taiwan, and Romania. Folia Biologica (Kraków), 66 (3): 111-119.
 46. Maicher V., Safian S., Murkwe M., **Przybyłowicz Ł.**, Janeček Š., Fokam E.B., Pyrcz T., Tropek R. 2018. Flying between raindrops: Strong seasonal turnover of several Lepidoptera groups in lowland rainforests of Mount Cameroon. Ecology & Evolution, 8: 12761-127772.
 47. **Przystałkowska A., Przybyłowicz Ł.** 2018. *Balaena* Walker, 1856 (Lepidoptera: Erebidae: Arctiinae: Syntomini) from Togo — A Taxonomic and Faunistic Review. Annales Zoologici, 68(2): 203- 210.
 48. **Razowski J.**, Trematerra P., Colacci M. 2018. Tortricidae from Ethiopia, 3 (Lepidoptera: Tortricidae). SHILAP Revista de Lepidopterología, 46(1810): 91-104.

49. **Rzebik-Kowalska B.**, Pereswiet-Soltan A. 2018. Contribution to the validity and taxonomic status of the European fossil shrew *Sorex subaraneus* and the origin of *Sorex araneus* (Soricidae, Eulipotyphla, Insectivora, Mammalia). *Palaeontologia Electronica* 21. 2. 33A: 1-29.
50. **Shrubovych J.**, Bernard C. E. 2018. A key for the determination of European species of *Eosentomon* Berlese, 1909 (Protura, Eosentomata, Eosentomidae). *ZooKeys*, 742: 1-12.
51. Galli L., **Shrubovych J.**, Bu Y., Zinni M. 2018. Genera of the Protura of the World: diagnosis, distribution, and key. *ZooKeys*, 772: 1-45.
52. Sterzyńska M., Nicia P., Zadrożny P., Fiera C., **Shrubovych J.**, Ulrich W. 2018. Urban springtail species richness decreases with increasing air pollution. *Ecological Indicators*, 94 (1): 328-335.
53. **Skibińska K., Krzemiński W.** 2018. New species of the genus *Similinannotanyderus* (Tanyderidae, Diptera) from the Myanmar amber. *Cretaceous Research*, 90: 56-59.
54. **Tarcz S., Sawka-Gądek N., Przyboś E.** 2018. Worldwide sampling reveals low genetic variability in populations of the freshwater ciliate *Paramecium biaurelia* (*P. aurelia* species complex, Ciliophora, Protozoa). *Organisms Diversity and Evolution*, 18 (1): 39-50.
55. 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.
56. 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.
57. 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 & Evolution*, 49: 241-298.
58. Moskal-del Hoyo M., Wacnik A., Alexandrowicz W.P., Stachowicz-Rybka R., **Wilczyński J., Pospuła-Wędzicha S.**, Szwarczewski P., Korczyńska M., Cappenberg K., Nowak M. 2018. Open country species persisted in loess regions during the Atlantic and early Subboreal phases: New multidisciplinary data from southern Poland. *Review of Palaeobotany and Palynology*, 253: 49-69.
59. **Wilczyński J., Wojtal P.**, Haynes G. 2018. The world of Gravettian hunters, an introduction to the Special Issue. *Quaternary Research*, 90 (3): 437-438.
60. Haynes, G., Klimowicz, J., **Wojtal, P.** 2018. A comparative study of woolly mammoths from the Gravettian site Kraków Spadzista (Poland), based on estimated shoulder heights, demography, and life conditions. *Quaternary Research*, 90 (3): 483-502.
61. **Wojtal P., Wilczyński J., Wertz K.**, Svoboda J.A. 2018. The scene of a spectacular feast (part II): Animal remains from Dolní Věstonice II, the Czech Republic. *Quaternary International*, 466 B: 194-211.
62. Krajcarz M.T., Krajcarz M., Ginter B., Goslar T., **Wojtal P.** 2018. Toward the chronology of Jerzmanowician – the new series of radiocarbon dates from Nietoperzowa Cave (Poland). *Archaeometry*, 60(2): 383-401.