ACADEMIA ROMÂNĂ

SCOSAAR

LISTA DE LUCRĂRI

Nr. crt.	A. Articole în reviste cotate ISI, ca autor principal
1.	Sendra A., **Fiera C.,** Selfa J., Stoev P. 2025. Soil campodeids (Diplura, Campodeidae) of Eastern Europe, in Romanian and Bulgarian reliefs. *ZooKeys* 1224: 261–282. doi: 10.3897/zookeys.1224.137935 Q2
2.	Winkler D., Grujic N.Z., **Fiera C.,** 2023. A new species of *Entomobrya* Rondani, 1861 (Collembola, Entomobryidae, Entomobryinae) from Croatia with the redescription of *Entomobrya margaretae* Gruia, 1967. *Zootaxa* 5352(3): 411-425. doi: 10.11646/zootaxa.5352.3.5
3.	**Fiera C.,** Arbea J., Vargovitsh R., Barjadze S. 2021. A synthesis on troglobitic springtails in Europe. *Journal of Zoological Systematics and Evolutionary Research* 59(8): 1874-1890. doi: 10.1111/JZS.12560 Q1
4.	Winkler D., Németh M.T., **Fiera C.** 2021. A new species of *Pseudosinella* Schäffer, 1897 (Collembola, Entomobryidae) from Hungary and Romania, with redescription of related species *Pseudosinella huetheri* Stomp, 1971. *Zookeys* 1063: 121–137. doi: 10.3897/zookeys.1063.73094 Q2
5.	**Fiera C**., Ulrich W., Popescu D., Bunea C.-I., Manu M., Nae I., Stan M., Bálint M., Urák I., Giurginca A., Penke N., Winter S., Kratschmer S., Querner P., Zaller J.G., 2020. Effects of vineyard inter-row management on the diversity and abundance of plants and surface-dwelling invertebrates in Central Romania. *Journal of Insect Conservation* 24:175-185. doi: 10.1007/s10841-019-00215-0 Q2
6.	**Fiera C.,** Ulrich W., Popescu D., Buchholz J., Querner P., Bunea C.I., Strauss P., Bauer T., Kratschmer S., Winter S., Zaller J.G., 2020.Tillage intensity and herbicide application influence surface-active springtail (Collembola) communities in Romanian vineyards. *Agriculture Ecosystems & Environment* 300, 15: doi: 10.1016/j.agee.2020.107006 Q1
7.	Weiner M.W., **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. doi: 10.3897/zookeys.960.50880 Q2
8.	Shrubovych J., Georgiev D.G., **Fiera C**., 2019, A new species of *Acerentulus* Berlese, 1908 (Protura: Acerentomata: Acerentomidae) from Bulgaria with revision key to the *confinis* group. *Zookeys* 876: 27-38. doi: 10.3897/zookeys.876.36743 Q2
9.	**Fiera** C., Habel J.C., Puchałka R., Ulrich W., 2018. Environmental correlates of community structure in cavernicole springtails (Collembola). *Biological Journal of the Linnean Society* 124(4): 765–775. doi: 10.1093/biolinnean/bly078
10.	**Fiera C.,** Habel J.C., Ulrich W., 2018. Neutral colonisations drive high beta-diversity in cavernicole springtails (Collembola). *PloS ONE* 13(1): e0189638. doi: 10.1371/journal.pone.0189638 Q1
11.	**Fiera C**., Habel J.C., Kunz M., W. Ulrich, 2017. Large scale phylogenetic structure of European springtails (Collembola) depends on species range sizes and postglacial colonisation history. *Biological Journal of the Linnean Society* 120(3): 664-674. doi: 10.1111/bij.12907
12.	**Fiera C**. & Weiner W.M., 2016. Diversity and distribution of *Friesea* genus (Collembola: Neanuridae) in Romania with description of three new species. Zoological Studies 55: 43

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13.	Shrubovych J., **Fiera C.**, 2016. New records of Protura from Romania (Entognatha, Arthropoda), with an identification key to the Romanian species. *ZooKeys* 552: 33–48. doi: 10.3897/zookeys.552.6613
14.	Weiner M.W. & **Fiera C.**, 2014. New species of Deuteraphorura (Collembola: Onychiuridae) from Romania. *Florida Entomologist* 97(1): 247-255. doi: 10.1653/024.097.0133 Q2
15.	**Fiera C.,** 2013. Application of stable isotopes and lipid analysis to understand trophic interactions in springtails. *North-Western Journal of Zoology* 10(2): 227-235.
16.	**Fiera C.**, 2014. Detection of food in the gut content of *Heteromurus nitidus* (Hexapoda: Collembola) by DNA/PCR-based molecular analysis. *North Western Journal of Zoology* 10(1): 67-73
17.	**Fiera C.**, Konikiewicz M., Skarżyński D., 2013. *Tetracanthella doftana* sp. nov. (Collembola, Isotomidae) from Romania, with a key to Carpathian *Tetracanthella* Schött, 1891, Zootaxa 3691(4): 467-472. doi: 10.11646/zootaxa.3691.4.6 Q2
18.	**Fiera C.**, Ulrich W., 2012. Spatial distribution patterns of European springtails (Hexapoda: Collembola). *Biological Journal of the Linnean Society* 105 (3): 498-506. doi: 10.1111/j.1095-8312.2011.01816.x
19.	Ulrich W., **Fiera C.**, 2010. Environmental correlates of body size distributions of European springtails (Hexapoda: Collembola). *Global Ecology and Biogeography* 19: 905-915. doi: 10.1111/j.1466-8238.2010.00565.x Q1
20.	Ulrich W., **Fiera C.**, 2009. Environmental correlates of species richness of European springtails (Hexapoda: Collembola). *Acta Oecologica* 35(1): 45-52. doi: 10.1016/j.actao.2008.07.007 Q2
21.	**Fiera C.**, 2009. Biodiversity of Collembola in urban soils and the use of them as bioindicators of pollution. *Pesquisa Agropecuaria Brasileira* 44(8): 868–873. doi: 10.1590/S0100-204X2009000800010 Q2

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1.	Radwański J.M., **Fiera C.** & W.M. Weiner, 2006.A new species of *Protaphorura* Absolon, 1901 (Collembola: Onychiuridae: Onychiurinae) from Romania and a redescription of *Protaphorura glebata* (Gisin, 1952). *Annales zoologici* 56(3): 449-455. doi: 10.3161/000345406778811871
2.	Hudson L.N., Newbold T., Contu S., Hill S.L.L., Lysenko I., De Palma A., ……**Fiera C.**[175]……. Purvis A., 2017. The database of the PREDICTS (Projecting Responses of Ecological Diversity In Changing Terrestrial Systems) project. *Ecology and Evolution* 7(1): 145–188. doi: 10.1002/ece3. 2579 Q2
3.	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. doi:10.1016/j.ecolind.2018.06.063. Q1
4.	Gotelli N.J., Booher D.B., Urban M.C., Ulrich W., Suarez A.V., Skelly D.K., Russell D., Rowe R. J., Rothendler M., Rios N., Rehan S.M., Ni G., Moreau C.S., Magurran A.E., Jones F.A.M., Graves G.R., **Fiera C.,** Ulrich Burkhardt, Richard B. Primack, 2023. Estimating species relative abundances from museum records: quantitative validation with field data of

	animal and plant assemblages. *Methods in Ecology and Evolution* 14(2): 431-443 doi: 10.1111/2041-210X.13705 Q1
5.	Russell D.J., Naudts E., Soudzilovskaia N.A., Briones M.J.I., Çakır M., Conti E., Cortet J., **Fiera C**., Hackenberger Kutuzovic D., Hedde M., Hohberg K., Indjic D., Krogh P.H., Lehmitz R., Lesch S., Marjanovic Z., Mulder, C. Mumladze L., Murvanidze M., Rick S., Roß-Nickoll M., Schlaghamerský J., Schmidt O., Shelef O., Suhadolc M., Tsiafouli M., Winding A., Zaytsev A., Potapov A. 2024. Edaphobase 2.0: Advanced international data warehouse for collating and using soil biodiversity datasets. *Applied Soil Ecology* 204: 105710. doi: 10.1016/j.apsoil.2024.105710. Q1
6.	Potapov A., Chen T.-W., Striuchkova A.V., Alatalo J.M., Alexandre D., Arbea J., Ashton T., Ashwood F., Babenko A. B., Bandyopadhyaya I., Baretta D., Barnes A.D., Bellini B.C., Bendjaballah M., Berg M. P., Bernava V., Bokhorst S., Bokova A. I., Bolger T., Bouchard M., Brito R. A., Buchori D., Castaño-Meneses G., Chauvat M., Chomel M., Chow Y., Chown S., Classen A. T., Cortet J., Čuchta P., de la Pedrosa A.M., De Lima E.C. A., Deharveng L.E, E. Miranda D., Drescher J., Eisenhauer N., Ellers J., Ferlian O., Ferreira S.S.D., Ferreira A. S., **Fiera C**., Filser J., Franken O., Fujii S., Koudji E.G., Gao M., Gendreau-Berthiaume B., Gers C., Greve M., Hamra-Kroua S., Handa I.T, Motohiro H., Heiniger C., Hishi T., Holmstrup M., Homet P., Høye T., Ivask M., Jacques B., Janion-Scheepers C., Jochum M., Joimel S., Jorge B.C. S., Juceviča E,, Kapinga E., Kováč Ľ., Krab E.J., Henning Krogh P., Kuu A., Kuznetsova N., Lam W. N., Lin D., Lindo Z., Liu W. P. A., Lu J.-Z., Luciáñez M, J., Marx M.T., Mawan A., McCary M., Minor M.A., Mitchell G.I., Mateos D. M., Nakamori T., Negri I., Nielsen U., Ochoa-Hueso R., Oliveira Filho L. C.I., Palacios-Vargas J.M., Pollierer M., Ponge J.F., Potapov M., Querner P., Rai B., Raschmanová N., Imtiaz Rashid M., Raymond-Léonard L.J., Reis A. S., Ross G.M., Rousseau L., Russell D., Saifutdinov R., Salmon S., Santonja M., Saraeva A. K., Sayer E. J., Scheunemann N., Scholz C., Seeber J., Shaw P., Shveenkova Y.B., Slade E., Stebaeva S., Sterzynska M., Sun X., Susanti W. I., Taskaeva A.A., Tay L. S., Thakur M., Treasure A. M., Tsiafouli M., Twala M.N., Uvarov A.V., Venier L.A., Widenfalk L.A., Widyastuti R., Winck B., Winkler D., Wu D., Xie Z., Yin R., Zampaulo R. A., Zeppelini D., Zhang B., Zoughailech M., Ashford O., Filho K. O., Carolina Riviera Duarte Maluche Baretta, Scheu S., 2024. Global fine-resolution data on springtail abundance and community structure. *Scientific Data* doi: 10.1038/s41597-023-02784-x Q1
7.	Potapov, A.M., Guerra, C.A., van den Hoogen, J., … **Fiera C**., ... *et al.* 2023. Globally invariant metabolism but density-diversity mismatch in springtails. *Nature communications* 14: 674. doi: 10.1038/s41467-023-36216-6 Q1
8.	Marchal F., Tsiafouli M., Wadoux A.M.J.C., Briones M.J.I., **Fiera C.,** Krogh P.H., Miko L., Mulder C., Papadopoulou M., Potapov A., Russell D., Santorufo L., Zaitsev A.S., Cortet J., 2026. First insights into soil fauna mapping across Europe using data from multiple data sources for three different taxa. *Applied Soil Ecology* 217 Art.No. 106588. doi: 10.1016/j.apsoil.2025.106588 Q1
9.	Jordana R., **Fiera C**., Baquero E., 2026. Three new species of Entomobryidae (Collembola) from Romania, including a synanthropic *Willowsia* species. *ZooKeys* 1282: 17–35. doi: 10.3897/zookeys.1282.194867. Q2
10.	Liberal I., Aguiar J., Alfaro F., Alguacil M. del M., Belda I., Blanco-Pastor J. L., Bonanomi G., Campos V., Cantos-Villar E., Casimiro-Soriguer R., Cruz C., Delgado-Baquerizo M., Díaz-Losada E., Dittrich F., Edwards R., **Fiera C**., Foschino R., García-López A., García J., García-Morales J. L., González-Robles A., Gramaje D., Illán J., Homet P., Husson O., La

	Terza A., Lazcano C., Lo Cascio M., Maciá-Vicente J., Villanueva Llanes M. de la P., Masneuf-Pomarede I., Méndez-Alonzo R., Munzi S., Paolinelli M., Rivera D., Roy M., Sansupa C., Schoebitz M., Semenov M., Tarifa R., Tsiafouli M., Veen C., Virgentini I., Zarraonaindia I., Revillini D., 2026, Fifty fundamental questions to unlock the grapevine microbiome for sustainable viticulture. *Plant and Soil* (ID: PLSO-D-26-03121) (accepted) Q1

Nr. crt.	C. Articole în reviste indexate BDI***, ca autor principal	Data Base
1.	Fiera C., Purice D., Maican S., 2013. The communities structure of invertebrate fauna from rape and alfalfa crops (Singureni, Giurgiu County), *Cercetări Agronomice în Moldova* 46(4): 65-74	INDEX COPERNICUS, CABI
2.	**Fiera C.** & Weiner W. M., 2013. *Protaphorura tetragramata* (Gisin, 1963) and *Kalaphorura carpenteri* (Stach 1920) (Collembola: Onychiuridae) – two new records for Romanian fauna. *Romanian Journal of Biology – Zoology* 58(1): 3-7	Web of Science: Zoological Record
3.	**Fiera C., 2013.** Species of the genus *Pseudosinella* (Collembola: Entomobryidae) in Romanian fauna. *Acta Oecologica Carpatica* 6:53-66	EBSCO
4.	**Fiera C., 2013.** The structural dynamics of the collembolan communities (Hexapoda: Collembola) from two forest ecosystems located in Doftana Valley (Romania). *Acta Oecologica Carpatica* 6: 67-74	EBSCO
5.	**Fiera C**., 2011, Species composition of springtails (Hexapoda: Collembola) in cultivated soils of Prahova County (Romania), *Oltenia. Studii şi comunicări. Ştiinţele naturii* 27(1): 71-73	Web of Science: Zoological Record
6.	**Fiera C.,** 2008a. Collembola (Hexapoda, Collembola) assemblages in Tinovul de la Lăptici –Bucegi Massif (Romanian Carpathians), *Travaux du Museum National D'Histoire Naturelle- Grigore Antipa* 51: 113–117	CAB Abstracts, Web of Science: Zoological Record
7.	**Fiera C.**, 2008b. Preliminary data on the species diversity of Collembola (Hexapoda, Collembola) along an urban gradient in Bucharest, *Travaux du Museum National D'Histoire Naturelle-Grigore Antipa* 51: 363-367	CAB Abstracts, Web of Science: Zoological Record
8.	**Fiera C.,** 2008c. New records of springtails (Hexapoda: Collembola) for Romanian fauna, *Entomologica romanica*, 13: 19-22	Web of Science: Zoological Record
9.	**Fiera C.,** 2007a. A checklist of the Romanian springtails (Collembola). *Folia Entomologica Hungarica* 68: 1−36	Web of Science: Zoological Record
10.	**Fiera C.,** 2007b, The status of biologicaland landscape diversity of collembolan fauna in the Romanian	Web of Science: Zoological

	Carpathians. *Studii şi Cercetări Complexul Muzeal Bistriţa Năsăud* 12: 43-54	Record
11.	**Fiera C.,** 2006, A survey of the colembolan fauna of some agroecosystems in a dike island of the lower Danube floodplain (Insula Mare a Brăilei). *Romanian Journal of Biology - Zoology* 51 (1-2): 27-32	Web of Science: Zoological Record

Nr. crt.	**D. Articole în reviste indexate BDI***, ca şi contributor**	**Data Base**
1.	Oromulu-Vasiliu L., Paucă-Comănescu M., Onete M., Sanda V., Nicolae C., Ştefănuţ S., Şincu D, Honciuc V., Stănescu M., Falcă M., **Fiera C**., Purice D., Maican S., Munteanu C., Ion M**.,** 2007-2008, Biocenotic differentiation of *Quercus petraea* and of mixed *Quercus petraea* and *Fagus sylvatica* decidous forests from the lower Doftana Valley. *Romanian Journal of Biology – Zoology* 52-53: 79-10	Web of Science: Zoological Record
2.	Dányi L., Traser G., Fiera C., Radwański J. M, 2006, Preliminary data on the Collembola fauna of Maramureş County. *Studia Universitatis Vasile Goldiş, Arad, Seria Stiinţele Vieţii* 17: 47-51	Web of Science: Zoological Record

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1.	Manu M., Szekely L., VasiliuOromulu L., Bărbuceanu D., Honciuc V., Maican S., **Fiera C**., Purice D., Ion M., 2015, Bucharest: Kelcey J.G. (Eds.) In: Vertebrates and Invertebrates of European Cities: Selected Non-Avian Fauna, Publisher Springer-Verlag New York 700 pp. (cap. 8) ISBN 978-1-4939-1698-6.
2.	Vasiliu-Oromulu L., HonciucV., Maican S., Munteanu C., Stănescu M., **Fiera C.,** IonM., Purice D., 2011, Are certain invertebrate species sensitive biondicators of the air polution?*In:* Survival and Sustainability: Environmental Concerns in the 21st Century, Series: Environmental Earth Sciences, Gökçekus H., Türker U., LaMoreaux J.W. (Eds.), DOI 10.1007/978-3-540-95991-5, Springer-Verlag Berlin Heidelberg, pg. 1023-1035, ISBN 978-3-540-95990-8, 1514 pg; http://link.springer.com/chapter/10.1007/978-3-540-95991-5_97

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Nr. crt.	**F. Capitole în volume la alte edituri internaţionale**
1.	Vasiliu-Oromulu L., Sanda V., Honciuc V., Maican S., Munteanu C., Falcă M., **Fiera C**., Stănescu M., Dumitru M., Răducu D., 2009, Biodiversity conservation isues in

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Nr. crt.	G. Capitole în carti/volume, în edituri naţionale
1.	**Fiera C**., 2009. Role of Collembola in soil health and their use as indicators, pp. 86-94. In: Species Monitoring in the central parks of Bucharest, CrăciunI. (Eds.), Ed. Ars Docendi, Universitatea din Bucureşti, 122 pp., ISBN: 978-973-558-392-7.
2.	**Fiera, C**., Oromulu-Vasiliu L., 2009. The impact of dump on springtails fauna (Collembola) of Râul Mare (Retezat Massif, Romania). *In: Proceeding of the XIII Balkan Mineral Processing Congress*, vol. II, (ed. by Krausz S., Ciobanu L., Cristea C., Ciocan V., Cristea G.), Bucharest, România, Editura Focus Petroşani, p. 689-695, ISBN: 978-973-677-161-3. 974 pg.
3	Paucă-Comănescu M., Onete M., Honciuc V., Oromulu L., Stănescu M., **Fiera C**., Purice D., Falcă M., Maican S., Şincu D., Ion M., Munteanu C., 2008, Structura unor componente ecosistemice din tufarisurile aluviale colinare. *In*: Protecţia şi restaurarea bio şi ecodiversităţii; p.: 165 -169, EdituraArs Docendi, ISBN: 978-973-558-315-6.

H. Alte jurnale (ca autor principal)

Nr. crt.	Lucrarea
1.	Paucă-Comănescu M., Onete M., Stefănuţ S., Sincu D., Vasiliu-Oromulu L., Falcă M., Honciuc V., Purice D., Stănescu M., **Fiera C.,** 2005. The biodiversity of alluvial shrubland characteristic for the Câlnişţea River, *Proceedings of the Institute of Biology* **7**: 87-109.

I. Alte jurnale (ca şi co-autor)

Nr. crt.	Lucrarea
1.	Sanda V., Vasiliu-Oromulu L., Paucă-Comănescu M., Barabaş N., Falcă M., Honciuc V., Maican S., Stănescu M., Onete M., Biţă-Nicolae C., **Fiera C**., Şincu E. D. & Ion M., 2006a: The ecosystemic study of the pedunculate oak (*Quercus robur*) south part of the Romanian plain, *Complexul Muzeal de Ştiinţele Naturii "Ion Borcea" Bacău – Studii şi Comunicări* 21(1–2): 124-137.
2.	Sanda V., Vasiliu-Oromulu L., Paucă-Comănescu M., Barabaş N., Falcă M., Honciuc V., Maican S., Stănescu M., Onete M., Biţă-Nicolae C., **Fiera C**., Şincu E. D. & Ion M. 2006b: Structural characteristics of the biocoenosis in the sessile oak (*Quercus petraea*) forest from South Subcarpathians, *Complexul Muzeal de Ştiinţele Naturii "Ion Borcea" Bacău – Studii şi Comunicări* 21(1–2): 138-151.

3.	Falcă M., Vasiliu-Oromulu L., Sanda V., Paucă-Comănescu M., Honciuc V., Maican S., Purice D., Dobre A., Stănescu M., Onete M., Biţă- Nicolae C., **Fiera C.,** Şincu D., 2005a, The biodiversity of alder forests from mountainous valleys of the Gârbova Massif, *Proceedings of the Institute of Biology* 7: 15- 31.
4.	Falcă M., Vasiliu-Oromulu L., Sanda V., Paucă- Comănescu M., Honciuc V., Maican S., Purice D., Dobre A., Stănescu M., Onete M., Biţă-Nicolae C., **Fiera C.,** Şincu D., 2005b, The study of primary and secondary producers from some alder depression forests of the plain zone, *Proceedings of the Institute of Biology* 7: 33- 47
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J. Preprint

1.	**Fiera C.** 2016. Occurrences and taxonomic status of Collembola in Europe. DOI: 10.6084/m9.figshare.3882159 (available at: https://figshare.com/s/eb104db5b31cc22bb005)

Data

14.09.2026

Semnătura:

Dr. Fiera Cristina, CSI