

Lista de lucrări

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A. Cărți și capitole de cărți

1. Olenici, N., *Duduman, M.L.*, Olenici, V: 2009: Response of the large pine weevil to various combinations of Alpha-Pinene and Ethanol. in: Kunca A., Zubrik M. (eds.), 2009: Insects and Fungi in Storm Areas. Proceedings of the IUFRO Working Party 7.03.10 Meeting, ISBN 978-80-8093-100-1, Zvolen, Slovakia.
2. Olenici, N., **Duduman, M.-L.**, Isaia, G., Knížek, M., Vasian, I., 2019. Widespread distribution of *Trypodendron laeve* in the Carpathian mountains (Romania). In: Avtzis, D., Wegensteiner, R. (eds): Forest Insects and Pathogens in a Changing Environment: Ecology, Monitoring & Genetics (IUFRO Joint Meeting of WP7.03.05 & 7.03.10) MDPI Basel, Switzerland, ISBN 978-3-03921-512-6 pp. 97-111.
3. Zimová, S., Resnerová, K., Vanická, H., Horák, J., Trombik, J., Kacprzyk, M., Lindelöw, Å., **Duduman, M.L.**, Holuša, J. 2019. Infection Levels of the Microsporidium *Larsoniella duplicati* in Populations of the Invasive Bark Beetle *Ips duplicatus*: From Native to New Outbreak Areas. In: Avtzis, D., Wegensteiner, R. (eds): Forest Insects and Pathogens in a Changing Environment: Ecology, Monitoring & Genetics (IUFRO Joint Meeting of WP7.03.05 & 7.03.10), MDPI Basel, Switzerland, ISBN 978-3-03921-512-6 pp. 136-145.
4. **Duduman, M.L.**, 2011: Pădurea, gândacii de scoarță și lupii. În Milescu, I., 2011, Almanahul Pădurilor, Editura Petru Maior Reghin, ISBN 978-606-8275-17-8. pp 185-187.
5. **Duduman, M.L.**, 2019: Răspunsul adulților de *Ips typographus* L. și *Hylobius abietis* L. la diferite combinații de stimuli olfactivi sintetici. Editura Universității Ștefan cel Mare Suceava, 151p. ISBN 978-973-666-572-1.
6. **Duduman, M.L.**, 2023: Metodologia cercetării științifice în silvicultură Vol. 1. Editura Universității Ștefan cel Mare Suceava, 151p. ISBN Vol. 978-973-666-783-1.
7. Brudea, V., **Duduman, M.L.**, Rakosy, L., (ed.) 2011: Volumul de lucrări a conferinței "Biodiversitatea și Managementul Insectelor în România". Editura Universității "Ștefan cel Mare" Suceava, 210 p. ISBN 978-973-666-370-3.
8. Horodnic, S.A., **Duduman, M.L.**, Palaghianu, C. (ed.) 2012: Proceedings of the International Conference Integrated Management of Environmental Resources - Suceava, November 4-6th, 2011. Editura Universității „Ștefan cel Mare” Suceava, Romania, 138 p. ISBN 978-973-666-388-8.
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10. **Duduman, M.L.**, Lupaștean, D., Horodnic, S.A., Palaghianu, C. (ed) 2019:Recent changes in forest insects and pathogens significance : IUFRO 7.03.10. - Methodology of forest insect and disease survey in Central Europe Meeting 2019 : 16-20 September 2019, Suceava, Romania -book of abstracts. Editura Universității "Ștefan cel Mare" Suceava, Romania, 100 p. ISBN 978-973-666-555-4.
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B. Articole publicate în reviste indexate Web of Science (ISI)

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2. Olenici, N., Knížek, M., Olenici, V., **Duduman, M.-L.**, Biriș, I.-A. 2014: First report of three scolytid species (Coleoptera: Curculionidae, Scolytinae) in Romania. Annals of Forest Research. 57(1): 89-97, doi: 10.15287/afr.2014.196; (FI 2014: 0,418) WOS:000340352300009
3. **Duduman, M.-L.**, 2014: Field response of the northern spruce bark beetle *Ips duplicatus* (Sahlberg) (Coleoptera: Curculionidae, Scolytinae) to different combinations of synthetic pheromone with (-)- α -pinene and (+)-limonene. Agricultural and Forest Entomology 16: 102-109, doi: 10.1111/afe.12039; (FI 2014: 1,818) WOS:000330858800012
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5. **Duduman M-L**, Lupaștean D, Nețoiu C, Tomescu R, 2019: Research carried out in Romania on ecology and management of the poplar defoliator *Clostera (Pygaera) anastomosis* L. (Lepidoptera: Notodontidae). In: Curtu L., et al. (eds): Proceedings of the Biennial International Symposium Forest and Sustainable Development Brasov, 25-27 October 2018, 13 – 24. WOS:000659268700002
6. Duduman, G.; **Duduman, M.-L.**; Avăcăriței, D.; Barnoaiea, I.; Barbu, C.-O.; Ciornei, I.; Clinovschi, F.; Coșofreț, V.C.; Cotos, M.-G.; Dănilă, G.; Dănilă, I.-C.; Drăgoi, M.; Flocea, M.-N.; Horodnic, S.-A.; Iacobescu, O.; Mazăre, G.C.; Măciucă, A.; Mursa, A.; Palaghianu, C.; Pohonțu, C.M.; Roibu, C.-C.; Savin, A.; Tomescu, C.V.; Scriban, R.-E. A Permanent Research Platform for Ecological Studies in Intact Temperate Mountainous Forests from Slătioara UNESCO Site and Its Surroundings, Romania. Forests 2020, 11, 1004. <https://doi.org/10.3390/f11091004> (FI 2020: 2,633) WOS:000580074000001
7. Valdés-Correcher, E., Moreira, X., Augusto, L., Barbaro, L., Bouget, C., Bouriaud, O., Branco, M., Centenaro, G., Csóka, G., Damestoy, T., Dobrosavljević, J., **Duduman, M.-L.**, Dulaurent,

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8. Pötzelsberger, E., Gossner, M. M., Beenken, L., Gazda, A., Petr, M., Ylioja, T., La Porta, N., Avtzis, D. N., Bay, E., De Groot, M., Drenkhan, R., **Duduman, M.-L.**, Enderle, R., Georgieva, M., Hietala, A. M., Hoppe, B., Jactel, H., Jarni, K., Keren, S., . . . Zlatkovic, M. 2021. Biotic threats for 23 major non-native tree species in Europe. *Scientific Data*, 8(1), 210. <https://doi.org/10.1038/s41597-021-00961-4> WOS:000683905100002 (FI 2020:8,501)
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10. **Duduman, M. L.**, Berankova, K., Jakus, R., Hradecky, J., & Jirosova, A. 2022. "Efficiency and Sustainability of *Ips duplicatus* (Coleoptera: Curculionidae) Pheromone Dispensers with Different Designs" *Forests* 13, no. 4: 511. <https://doi.org/10.3390/f13040511> WOS:000786143600001 (FI 2022: 2,9)
11. Olenici, N., **Duduman, M.-L.**, Popa, I., Isaia, G., & Paraschiv, M. 2022. "Geographical Distribution of Three Forest Invasive Beetle Species in Romania" *Insects* 13, no. 7: 621. <https://doi.org/10.3390/insects13070621> WOS:000831866100001 (FI 2021:3,0)
12. Valdes-Correcher, E., Popova, A., Galman, A., Prinzing, A., Selikhovkin, A. V., Howe, A. G., Mrazova, A., Dulaurent, A. M., Hampe, A., Tack, A. J. M., Bouget, C., Lupastean, D., Harvey, D., Musolin, D. L., Lovei, G. L., Centenaro, G., Van Halder, I., Hagge, J., Dobrosavljevic, J., **Duduman, M.L.**, . . . Castagneyrol, B. 2022. Herbivory on the pedunculate oak along an urbanization gradient in Europe: Effects of impervious surface, local tree cover, and insect feeding guild. *Ecology and Evolution*, 12, e8709. <https://doi.org/10.1002/ece3.8709>. WOS:000774777000001 (FI 2022: 2,60)
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14. Lupaştean D, Isaia G, Dănilă I-C, Coşofreţ C, Scriban RE, **Duduman M-L**, 2023. Growth and mortality of hybrid poplar short rotation culture (AF8 Clone) in response to *Clostera anastomosis* L. (Lepidoptera: Notodontidae) defoliation: *Forests*, 14(1): 20 WOS:000915364700001 (FI 2022: 2,9)

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C. Articole publicate în reviste indexate în baze de date internaționale (BDI)

1. **Duduman, M.-L.**, 2000: Cercetări biometrice și ecologice asupra insectei *Euproctis chrysorrhoea* L. Revista Pădurilor, 115(4): 25-28
2. Olenici, N., Olenici, V., Duduman, M.-L., 2006: Influența vegetației erbacee asupra atacului de *Hylobius abietis*. Revista Pădurilor, 121(2): 20-26
3. Olenici, N., **Duduman, M.-L.**, Olenici, V., 2007: Inhibitory effect of (-)-alpha-pinene high release rates on *Ips typographus* (L.) response to its aggregation pheromone. Analele ICAS, 50: 203-212
4. Olenici, N., **Duduman, M.-L.**, Olenici, V., 2007: Răspunsul gândacilor de *Hylobius abietis* (L.) la variația ratelor de eliberare a alfa-pinenului și etanolului, precum și a raportului alfa-pinen/etanol. Analele ICAS, 50: 223-238
5. **Duduman, M.-L.**, Olenici, N., Bouriaud, O., Olenici, V., 2009: Natural volatiles impair the response of *Hylobius abietis* adults to synthetic attractants in Norway spruce clear cut areas. Annals of Forest Research, 52:77-88
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7. Duduman, G., Roibu, C.C., **Duduman, M.L.**, Onciul-Miron, M. 2010: The influence of competition and dimensionalspatial characteristics of trees on their radial growth in Old-Growth Slătioara forest, Romania. Advances in Environmental Sciences - International Journal of the Bioflux Society, 2(2): 215-230
8. Olenici, N., **Duduman, M.-L.**, Olenici, V., Bouriaud, O., Tomescu, R., Rotariu, C., 2011: The first outbreak of *Ips duplicatus* in Romania. In: Delb, H., Pontuali, S. (eds.): Biotic Risks and Climate Change in Forests. Proceedings of the Working Party 7
9. **Duduman, M.-L.**, Isaia, G., Olenici, N., 2011: *Ips duplicatus* (Coleoptera: Curculionidae, Scolytinae) distribution in Romania. Preliminary results. Bulletin of the Transilvania University of Brașov, Series II, Vol. 4 (53) No.2: 19-26
10. Paraschiv, M., Isaia, G., **Duduman, M.-L.**, (2012): The effect of Intercept trap color on *Ips typographus* captures (Preliminary results). Bulletin of the Transilvania University of Brasov Series II, Vol. 5 (54) No.1: 85-90
11. **Duduman, M.-L.**, Olenici, N., Isaia, G., (2012): Research Carried Out in Romania on the Northern Barkb Beetle (*Ips duplicatus*, Coleoptera: Curculionidae, Scolytinae). In: Abrudan, V., I., et al. (eds): Proceedings of the Biennial International Symposium Forest and Sustainable Development, Transilvania University Press, 9-14

12. Bouriaud, L., **Duduman, M.-L.**, Dănilă, I.C., Olenici, N., Biriș, I.A., Ciornei, I., Barnoaiea, I., Măciucă, A., Savin, A., Grosu, L., Mutu, M., Nichiforel, L., Bouriaud, O., Dănilă, G., Avăcăriței, D., Roibu, C., 2015. How to evaluate the sustainability of short-term cultures for biomass production? An application from ne Romania. *Agriculture and Forestry*, 61(4):7-20
13. Dănilă I.C., Avăcăriței D., A. Savin, Roibu C.C., Bouriaud O., **Duduman M.L.**, Bouriaud L. 2015. The dynamics and growth characteristics of six hybrid poplar clones during a production cycle in a comparative plantation from Rădăuți Depression. *Bucov. For.* 15(1): 19-30
14. **Duduman M.L.**, Lupaștean D., Pînzanu Ș.I., Ilașcă A., Dănilă I.C., 2015. Treatment efficacy of *Clostera anastomosis* L. caterpillars control in postdormancy phase. *Bucov. For.* 15(2): 167-176.
15. Olenici N, **Duduman M.-L.**, Tomescu R, 2015. *Xylosandrus germanus* (Coleoptera, Curculionidae, Scolytinae) – un potențial dăunător al pădurilor, livezilor și viilor din România. *Bucovina Forestieră* 15(2):207-216.
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19. Coșofreț C., Barnoaiea I., Scriban R.E., Dănilă I.C., **Duduman M.L.**, Bouriaud O. 2018. Utilizarea scannerului laser terestru în măsurătorile forestiere: cerințe metodologice și precauții necesare la aplicarea în practică. *Bucov. For.* 18(2):35-48
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21. Castagneyrol, B., Valdés-Correcher, E., Bourdin, A., Barbaro, L., Bouriaud, O., Branco, M., Centenaro, G., Csóka, G., **Duduman, M.-L.**, & Dulaurent, A.-M. 2020. Can School Children Support Ecological Research? Lessons from the Oak Bodyguard Citizen Science Project. *Citizen Science: Theory and Practice*, 5(1): 10, pp. 1–11. DOI: <https://doi.org/10.5334/cstp.267>