



LISTA DE LUCRĂRI

SILYE LÓRÁND

A. Lista selecție 10 lucrări relevante

- A.1. Kövecsi, Sz.-A., Less, Gy., Pleş, G., Bindiu-Haitonic, R., Briguglio, A., Papazzoni, C.A., **Silye, L.**, 2022. Nummulites assemblages, biofabrics and sedimentary structures: The anatomy and depositional model of an extended Eocene (Bartonian) nummulitic accumulation from the Transylvanian Basin (NW Romania). *Palaeogeography, Palaeoclimatology, Palaeoecology* 586: art 110751.
- A.2. Tókéş, L., Bartha, I.R., **Silye, L.**, Krézsek, C., Sztanó, O., 2021. Multiple-scale incision-infill cycles in deep-water channels from the lacustrine Transylvanian Basin, Romania: Auto- or allogenic controls? *Global and Planetary Change* 202: art.103511.
- A.3. Bindiu-Haitonic, R., Bălc, R., Kövecsi, Sz.-A., Pleş, G., **Silye, L.**, 2021. In the shadow of giants: Calcareous nannoplankton and smaller benthic foraminifera from an Eocene nummulitic accumulation (Transylvanian Basin, Romania). *Marine Micropaleontology* 165: art. 101988.
- A.4. Pleş, G., Kövecsi, Sz.-A., Bindiu-Haitonic, R., **Silye, L.**, 2020. Microfacies analysis and diagenetic features of the Eocene nummulitic accumulations from northwestern Transylvanian Basin (Romania). *Facies* 66(3): art. 20.
- A.5. Kucera, M., **Silye, L.**, Weiner, A.K.M., Darling, K., Lübben, B., Holzmann, M., Pawłowski, J., Schönfeld, J., Morard, R., 2017. Caught in the act: anatomy of an ongoing benthic-planktonic transition in a marine protist. *Journal of Plankton Research* 39(3): 436-449.
- A.6. **Silye, L.**, Filipescu, S., 2016. Comment on “The Badenian–Sarmatian Extinction Event in the Carpathian foredeep basin of Romania: Paleogeographic changes in the Paratethys domain” (Palcu et al., 2015). *Global and Planetary Change* 145: 17-19.
- A.7. Kövecsi, Sz.-A., **Silye, L.**, Less, Gy., Filipescu, S., 2016. Odd partnerships among middle Eocene (Bartonian) Nummulites: Examples from the Transylvanian (Romania) and Dorog (Hungary) Basins. *Marine Micropaleontology* 127: 86-98.
- A.8. **Silye, L.**, Colin, J.-P., Codrea, V., 2014. *Globotalicypridea mirabilis* sp. nov. – the first non-marine ostracod taxon from the Upper Cretaceous of the Haţeg Basin, Romania. *Annales de Paléontologie* 100(3): 273-280.
- A.9. Krézsek, C., Filipescu, S., **Silye, L.**, Maţenco, L., Doust, H., 2010. Miocene facies associations and sedimentary evolution of the Southern Transylvanian Basin (Romania): Implications for hydrocarbon exploration. *Marine and Petroleum Geology* 27(1): 191-214.
- A.10. Filipescu, S., **Silye, L.**, 2008. New Paratethyan biozones of planktonic foraminifera described from the Middle Miocene of the Transylvanian Basin (Romania). *Geologica Carpathica* 59(6): 537-544.

B. Teza de doctorat

- B.1. **Silye, L.**, 2010. Sarmatian foraminiferal assemblages from southern Transylvanian Basin and their significance for the reconstruction of depositional environments. Ph.D. Thesis, Department of Geology, Babeş-Bolyai University, Cluj-Napoca, Romania, 205 pp.



C. Cărți și capitole în cărți

- C.1. Jakab, G., Pál, I., **Silye, L.**, Sümegi, P., Tóth, A., Sümegi, B., Frink, J.P., Magyari, E., Kern, Z., Benkő, E., 2021. A középkori tájhasználat változásának környezeti és társadalmi háttere az Erdélyi-Szigethegységben [The environmental and social background of the changes in medieval land use in the Apuseni Mts.]. In: Benkő, E., Zatykó, Cs., (eds.), A Kárpát-medence környezettörténete a középkorban és a kora újkorban [Environmental History of the Medieval and Early Modern Carpathian Basin], p. 71-110, Archaeolingua. ISBN 978-615-5766-43-5
- C.2. Bucur, I., Brânzilă, M., Filipescu, S., Melinte-Dobrinescu, M., Popa, M., Brustur, T., Grigorescu, D., Lazăr, I., Popa, M., **Silye, L.**, 2018. Stratigrafia. In: Rădulescu, D., Panin, N., Anastasiu, N., Brustur, T., (coord.), Istoria geostiintelor în România, p. 155-191, Editura Academiei Române.
- C.3. **Silye, L.**, 2015. Sarmatian foraminiferal assemblages from southern Transylvanian Basin and their significance for the reconstruction of depositional environments. Cluj University Press, 227 pp.
- C.4. Szakács, A., Gál, Á., **Silye, L.**, 2007. Magyar-román-angol geológiai szótár. Dicționar geologic român-maghiar-englez. English-Hungarian-Romanian Geological Dictionary, Cluj University Press, Cluj-Napoca, 363 pp., ISBN (10) 973-610-511-3.

D. Articole publicate în reviste din fluxul științific internațional principal

D.1. Articole publicate în reviste indexate ISI

- D.1.1. Bartha, I.R., Botka, D., Csoma, V., Katona, L.T., Tóth, E., Magyar, I., **Silye, L.**, Sztanó, O., 2022. From marginal outcrops to basin interior: a new perspective on the sedimentary evolution of the eastern Pannonian Basin. *International Journal of Earth Sciences* 111(1): 335-357.
- D.1.2. Kövecsi, Sz.-A., Less, Gy., Pleș, G., Bindiu-Haitonic, R., Briguglio, A., Papazzoni, C.A., **Silye, L.**, 2022. Nummulites assemblages, biofabrics and sedimentary structures: The anatomy and depositional model of an extended Eocene (Bartonian) nummulitic accumulation from the Transylvanian Basin (NW Romania). *Palaeogeography, Palaeoclimatology, Palaeoecology* 586: art 110751.
- D.1.3. Obbágy, G., Dunkl, I., Józsa, S., **Silye, L.**, Arató, R., Lünsdorf, N.K., von Eynatten, H., 2021. Paleogeographic implications of a multi-parameter Paleogene provenance dataset (Transylvanian Basin, Romania). *Journal of Sedimentary Research* 91(6): 551–570.
- D.1.4. Bindiu-Haitonic, R., Bălc, R., Kövecsi, Sz.-A., Pleș, G., **Silye, L.**, 2021. A dataset of calcareous nannoplankton and smaller benthic foraminifera from a middle Eocene nummulitic accumulation (Transylvanian Basin, Romania). *Data in Brief* 36: art. 107154.
- D.1.5. Tőkés, L., Bartha, I.R., **Silye, L.**, Krézsek, C., Sztanó, O., 2021. Multiple-scale incision-infill cycles in deep-water channels from the lacustrine Transylvanian Basin, Romania: Auto- or allogenic controls? *Global and Planetary Change* 202: art.103511.
- D.1.6. Bindiu-Haitonic, R., Bălc, R., Kövecsi, Sz.-A., Pleș, G., **Silye, L.**, 2021. In the shadow of giants: Calcareous nannoplankton and smaller benthic foraminifera from an Eocene nummulitic accumulation (Transylvanian Basin, Romania). *Marine Micropaleontology* 165: art. 101988.
- D.1.7. Opreșa, A., Pleș, G., **Silye, L.**, Bucur, I.I., Săsăran, E., Mircescu, C.V., 2021. Lowermost Cretaceous biostratigraphy and paleoenvironmental features of the central-western Getic Carbonate Platform (Pui-Bănița zone, Southern



- Carpathians, Romania): A holistic approach. *Cretaceous Research* 124: art.104804.
- D.1.8. Filipescu, S., Tămaş, D.M., Bercea, R.-I., Tămaş, A., Bălc, R., Țabără, D., Bindu-Haitonic, R., **Silye, L.**, Auer, A., Krézsek, C., Schléder, Z., Săsăran, E., 2020. Biostratigraphic re-evaluation of the lower to middle Miocene succession in the Eastern Carpathians: a case study related to the oil fields of the Diapir Fold Zone, Romania. *Geological Quarterly* 64(3): 781-800.
- D.1.9. Pleş, G., Kövecsi, Sz.-A., Bindu-Haitonic, R., **Silye, L.**, 2020. Microfacies analysis and diagenetic features of the Eocene nummulitic accumulations from northwestern Transylvanian Basin (Romania). *Facies* 66(3): art. 20.
- D.1.10. Jakab, G., **Silye, L.**, Sümegi, P., Tóth, A., Sümegi, B., Pál, I., Benkő, E., 2020. Relict Anthropogenic Ecosystem from the Middle Ages: History of a Salt Marsh from Transylvania (Sic, N Romania). *Environmental Archaeology* 25(1): 96-113.
- D.1.11. Botka, D., Magyar, I., Csoma, V., Tóth, E., Šujan, M., Ruzkiczay-Rüdiger, Zs., Chyba, A., Braucher, R., Sant, K., Čorić, S., Baranyi, V., Bakrač, K., Krizmanić, K., Bartha, I.R., Szabó, M., **Silye, L.**, 2019. Integrated stratigraphy of the Guşteriţa clay pit: a key section for the early Pannonian (late Miocene) of the Transylvanian Basin (Romania). *Austrian Journal of Earth Sciences* 112(2): 221-247.
- D.1.12. Kövecsi, Sz.-A., Zágoršek, K., Filipescu, S., **Silye, L.** 2018. First report of *Kylonisa triangularis* Keij, 1971 (Bryozoa) from the middle Eocene (Bartonian). *Neues Jahrbuch für Geologie und Paläontologie-Abhandlungen* 289(3): 325-330.
- D.1.13. Kucera, M., **Silye, L.**, Weiner, A.K.M., Darling, K., Lübben, B., Holzmann, M., Pawlowski, J., Schönfeld, J., Morard, R., 2017. Caught in the act: anatomy of an ongoing benthic–planktonic transition in a marine protist. *Journal of Plankton Research* 39(3): 436-449.
- D.1.14. **Silye, L.**, Filipescu, S., 2016. Comment on “The Badenian–Sarmatian Extinction Event in the Carpathian foredeep basin of Romania: Paleogeographic changes in the Paratethys domain” (Palcu et al., 2015). *Global and Planetary Change* 145: 17-19.
- D.1.15. Kövecsi, Sz.-A., **Silye, L.**, Less, Gy., Filipescu, S., 2016. Odd partnerships among middle Eocene (Bartonian) Nummulites: Examples from the Transylvanian (Romania) and Dorog (Hungary) Basins. *Marine Micropaleontology* 127: 86-98.
- D.1.16. **Silye, L.**, Colin, J.-P., Codrea, V., 2014. *Globotalicypridea mirabilis* sp. nov. – the first non-marine ostracod taxon from the Upper Cretaceous of the Haţeg Basin, Romania. *Annales de Paléontologie* 100(3): 273-280.
- D.1.17. Szakács, A., Pécskay, Z., **Silye, L.**, Balogh, K., Vlad, D., Fülöp, A., 2012. On the age of the Dej Tuff, Transylvanian Basin (Romania). *Geologica Carpathica* 63(2): 139-148.
- D.1.18. Krézsek, C., Filipescu, S., **Silye, L.**, Maţenco, L., Doust, H., 2010. Miocene facies associations and sedimentary evolution of the Southern Transylvanian Basin (Romania): Implications for hydrocarbon exploration. *Marine and Petroleum Geology* 27(1): 191-214.
- D.1.19. Kaminski, M. A., **Silye, L.**, Kender, S., 2009. Miocene deep-water agglutinated foraminifera from the Lomonosov Ridge and the opening of the Fram Strait. *Micropaleontology* 55(2-3): 117-135.
- D.1.20. Filipescu, S., **Silye, L.**, 2008. New Paratethyan biozones of planktonic foraminifera described from the Middle Miocene of the Transylvanian Basin (Romania). *Geologica Carpathica* 59(6): 537-544.



D.1.21. Kaminski, M.A., **Silye, L.** & Kender, S., 2005. Miocene deep-water agglutinated foraminifera from ODP Hole 909C: Implications for the paleoceanography of the Fram Strait area, Greenland Sea. *Micropaleontology* 51(5): 373-403.

D.2. Articole publicate în reviste indexate în baze de date internaționale

D.2.1. Benkő, E., **Silye, L.**, Tóth, A., Pál, I., Pál, F.J., Jakab, G., 2022. Emerging mediaeval heritage: Environmental history research at Băgău (c. Alba, Romania) and the Bottomless Lake (Tăul fără fund). *Acta Archaeologica Academiae Scientiarum Hungaricae* 73(2): 191-203.

D.2.2. Jakab, G., **Silye, L.**, Sümegi, P., Töröcsik, T., Tóth, A., Sümegi, B.P., Benkő, E., 2018. The environmental history of a former salt town in Transylvania (Sic, Northern Romania). *Acta Archaeologica Academiae Scientiarum Hungaricae* 69(1): 185-206.

D.2.3. Bălc, R., **Silye, L.**, Zaharia, L., 2012. Calcareous nannofossils and sedimentary facies in the Upper Cretaceous Bozeş Formation (Southern Apuseni Mountains, Romania). *Studia UBB Geologia* 57(1): 23-32.

D.2.4. Zágoršek, K., **Silye, L.** and Szabó, B., 2008. New Bryozoa from the Sarmatian (Middle Miocene) deposits of the Cerna-Strei Depression, Romania. *Studia UBB Geologia* 53(1): 25-29.

E. Publicații în extenso, apărute în lucrări ale principalelor conferințe internaționale de specialitate

E.1.1. **Silye, L.**, Nagy, J., Filipescu, S., 2011. *Ammodiscus* aff. *gullmarensis* in the Sarmatian (Middle Miocene) of the Transylvanian Basin, Romania. In: Kaminski, M.A. & Filipescu, S. (eds.) Proceedings of the Eighth International Workshop on Agglutinated Foraminifera. *Grzybowski Foundation Special Publication* 16: 311-315. – indexat ISI

E.1.2. Filipescu, S., **Silye, L.**, Krézsek, Cs., 2005. Sarmatian micropaleontological assemblages and sedimentary paleoenvironments in the southern Transylvanian Basin. In: Csíki, Z., Grigorescu, D., Lazăr, I. (eds.) *Acta Palaeontologica Romaniae* 5: 173-179, Bucharest.

E.1.3. Vulc, A.M., **Silye, L.**, 2005. Preliminary data on biostratigraphy and palaeoecology of calcareous nannofossils and foraminifera in Cepari quarry (North-Eastern Transylvania, Romania). In: Csíki, Z., Grigorescu, D., Lazăr, I. (eds.) *Acta Palaeontologica Romaniae* 5: 493-501, Bucharest.

F. Alte lucrări și contribuții științifice

F.1. Rapoarte în publicații speciale

F.1.1. Zonneveld, K., Albert, M., Boom, L., Donner, B., Ebersbach, F., Friese, C., Gray, D., Guerreiro, C., Klann, M., Koster, B., Lübben, B., Maeke, M., Rochholz, F., Rübült, A., **Silye, L.**, Stuut, J.-B., Versteegh, G., Wu, W., 2017. Aerobic Degradation of particulate Organic Matter and benthic microbial turnover rates reflecting ocean redox conditions off NW Africa (ADOMIS) – Cruise No. MSM48 – November 2 – November 25, 2015 – Ponta Delgada (Portugal) – Las Palmas (Spain). MARIA S. MERIAN-Berichte, MSM48, 51 pp., DFG-Senatskommission für Ozeanographie, doi:10.2312/cr_msm48.

F.1.2. Solt, P., Hably, L., Nagyné Bodor, E., **Silye, L.**, 2010. Pannonian Flora from Siklód. *Annual Report of the Geological Institute of Hungary, 2008*, p. 53-62.



F.2. Ghiduri de teren

- F.2.1. Filipescu, S., Krézsek, Cs., Săsăran, E., **Silye, L.**, Wanek, F., and Beldean, C., 2009. 3rd International Workshop Neogene of Central and South-Eastern Europe, Cluj-Napoca, May 20-24, 2009, Field Trip Guide, 35 pp.
- F.2.2. Filipescu, S., Aroldi, C., Cetean, C., Beldean, C., **Silye, L.**, and Kaminski, M.A., 2008. Eight International Workshop on Agglutinated Foraminifera, Cluj-Napoca, September 7-13, 2008. Field trip guide, Grzybowski Foundation, 27 pp.
- F.2.3. Filipescu, S., Cetean, C., **Silye, L.**, Beldean, C., Kaminski, M.A. 2007. UCL M.Sc. Course in Micropaleontology. Field Trip Guide - Romania 2007. University College London & Universitatea Babeş-Bolyai Cluj-Napoca, 38 pp.

F.3. Articole de popularizare a ştiinţei

- F.3.1. Jakab, G., Silye, L., 2018. Só és iszap: Bányák, tavak, erdélyi ősparányok. A Földgömb, 36(12) 44-55.

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Şef lucr. dr. Silye Lóránd