

Lista publicatii (2020-2025)

Acad. Prof. dr. Ioan Bucur

1. Bucur I.I., Rigaud S., Del Piero, N., Fucelli, A. Heerwagen, E., Peybernes, C., Peyrotty, G., Verard, C., Chablais, J., Martini R. (2020) – Upper Triassic calcareous algae from the Pantyalassa Ocean. *Rivista Italiana di Paleontologia e Stratigrafia*, 126(2): 499-540.
2. Bucur I.I., Sudar, M., Schlagintweit, F., Pleş, G., Săsăran, E., Jovanović D. Polavder, S., Radoičić, R. (2020) Lowermost Cretaceous limestones from the Kukaj zone (Carpatho-Balkanides, Eastern Serbia): new data on their age assignment. *Cretaceous research*, 116, 104575.
3. Kolodziej B. & Bucur I.I. (2020) An early Cretaceous mesophotic coral ecosystem built by platy corals (middle Aptian, Southern Carpathians, Romania). *Cretaceous Research*, 109, 104374.
4. Schlagintweit F. & Bucur I.I. (2020) – *Cantabriconus? Meridionalis* n. sp., a new orbitoliniform benthic foraminifera from the lower Aptian of the Reşiţa-Moldova Nouă zone, Romania. *Cretaceous Research*, 106, 104250.
5. Schlagintweit F., Bucur I.I., Le Coze F. (2020) – Lectotype designation for *Orbitolinopsis flandrini* Moullade, 1960 (Foraminifera): The missing piece of a taxonomic puzzle. *Carnets Geologie*, 20 (14): 273-282.
6. Barattolo, F., Bucur, I.I. & Marian, A.V. (2021). Deciphering voids in Dasycladales, the case of *Dragastanella transylvanica*, a new Lower Cretaceous triploporellacean genus and species from Romania. *Journal of Paleontology*, 95 (5): 889-905.
7. Barattolo F., Amodio, S., Bucur I.I., Martino M. (2021). *Selliporella johmsoni* (Praturlon) nov. comb and *Selliporella neocomiensis* (Radoicic) (green algae, Dasycladales), taxonomic reconsideration and chronostratigraphic calibration. *Cretaceous Research*, 125 : 104848.
8. Bucur I.I., Jovanovic, D., Radoicic, R., Sudar, M. & Mircescu, C.V. (2021). Lower Cretaceous carbonate deposits from the Derezna borehole (Carpatho-Balkanides, Eastern Serbia) and remarks on some dasycladalean algae. *Acta Palaeontologica Romaniae*, 17 (1): 3-14.
9. Gawlick, H.J., Lein, R. & Bucur, I.I. (2021). Precursor extension to final Neo-Tethys break-up: flooding events and their significance for the correlation of shallow water and deep-marine organisms (Anisian, eastern Alps, Austria). *International Journal of Earth Sciences*, 110: 419-446.
10. Mircescu, C.V., Tamas, Y., Bucur, I.I., Săsăran, E., Ungureanu, R., Mircescu, V., Mircescu, E. & Oprisa, A. (2021). Upper Triassic-Lower Jurassic continental carbonates from the Apuseni Mountains, Romania: facies, lithology and paleoenvironments. *Facies*, 67: 15
11. Oprea, A., Pleş, G., Silye, L., Bucur, I.I., Săsăran, E. & Mircescu, V. (2021) Lowermost Cretaceous biostratigraphy and paleoenvironmental features of the central-western Getic Carbonate Platform (Oui-Băniţa zone, Southern Carpathians, Romania: A holistic approach. *Cretaceous research*, 124: 104804.
12. Pleş, G., Schlagintweit, F., Lazăr, I., Bucur, I.I., Săsăran, E. & Grădinaru, M. (2021) Exceptionally preserved calcified sponge assemblages in Upper Jurassic carbonates of the Eastern Getic Carbonate platform (Southern Carpathians, Romania). *Comptes Rendus Palevol*, 20 (31): 641-666.
13. Schlagintweit, F. & Bucur, I.I. (2021). The late Berriasian early evolutionary burst of the Orbitolinidae: New insights into taxonomy, origin, classification and phylogeny of the family based on data from eastern Serbia. *Carnets Geologie*, 21 (15): 343-382.
14. Schlagintweit, F., Rashidi, K., Bucur, I.I., Kohkan, H. & Akbari, A. (2021) *Pseudoactinoporella* Conrad 1970 (Family Bornetellaceae) revisited: A Lower cretaceous corticated and capitulum-shaped, stalked Tethyan Dasycladale. *Micropaleontology*, 67 (4): 403-414.
15. Schlagintweit, F., Bucur, I.I., Pleş, G. (2021) *Septfontainella carpatobalcanica* n. gen., n. sp., a new hauraniid foraminifera from the upper Berriasian of Serbia and Romania. *Micropaleontology*, 67 (6): 587-600.

16. Suci, T., Pleş, G., Tămaş, T., Bucur, I.I., Săsăran, E. & Cociuba, I. (2021). New insights into the depositional environment and stratigraphic position of the Gugu Breccia (Pădurea Craiului Mountains, Romania). *Carnets Geologie*, 21 (11): 215-233.
17. Andronache, A., Pleş, G., Bucur, I.I., Ilieş, I.A. (2021) Microfacies and age of the Ceahlău Massif carbonate olistoliths (Eastern Carpathians, Romania); Remnants of a lowermost Cretaceous carbonate platform. *Proceedings of the Geologists Association*, 133: 19702011.
18. Mircescu, C.V., Bucur, I.I. & Pleş, G. (2022). The Jurassic-Cretaceous transition in deep- and shallow-water carbonate depositional settings: a case study from the easternmost Getic Carbonate Platform (Southern Carpathians, Romania). *Facies*, 68: 5.
19. Vachard, D., Bucur I.I. & Munnecke, A. (2022). *Vitinellopsis* nov. gen., a new calcareous alga (Chlorophyta, Bryopsidales) from Silurian of Gothland (Sweden), and the tribe Vitinellese nov. nom. *Geobios*, 70: 75-85.
20. Bucur, I.I., Enos, P. & Minzoni, M. (2023) Middle Triassic calcareous algae and microproblematica from South China. *Micropaleontology*, 69 (1): 61-102.
21. Bucur, I.I., Grădinaru, E. & Granier, B. (2023) New insight into the organogenus *Ioanella* Granier & Berthou, 2002, with description of *Ioanella dobrogiaca* organosp. Nov. from Triassic limestones of the Dobrogea (Romania). *Historical Biology*, 35 (12): 2271-2279.
22. Bucur, I.I. & Lazăr, I. (2023) Upper Jurassic-lowermost Cretaceous microfossils from the Hăghimaş Mountains (Eastern Carpathians, Romania). *Acta Paleontologica Romaniae*, 19 (1): 13-26.
23. Gawlick H.-J., Sudar, M., Jovanovic, D., Lein, R., Missoni, S. & Bucur, I.I. (2023) From shallow-water carbonate ramp to hemipelagic deep-marine carbonate deposition: Part 1. General characteristics, microfacies and depositional history of the middle to late Anisian Bulog sedimentary succession in the Inner Dinarids (SW Serbia). *Geološki Anali Balkanskoga Poluostrva (Annales Géologiques de la Péninsule Balkanique)*, 84 (2): 1-39.
24. Masse, J.P., Renerci-Masse, M. & Bucur, I.I. (2023) The Lower Cretaceous Carpatho-Cimmerian bioprovince: The contribution of rudist bivalves (Hippuritida). *Cretaceous Research*, 144: 105448.
25. Masse, J.P., Renerci-Masse, M. & Bucur, I.I. (2023) *Pachytraga carpathica* sp. nov. (Hippuritida, Caprinidae) from the Barremian of the carpatho-Balkan region, Romania. Evolutionary and biogeographic implications for the genus *Pachytraga* Paquier. *Cretaceous Research*, 149: 105550.
26. Mircescu, C.V., Bucur, I.I., Pleş, G., Balica, C., Ungureanu, R. & Săsăran, E. (2023) Facies, biostratigraphy and isotope chemostratigraphy of the Tithonian-Berriasian transition in the easternmost Getic Carbonate Platform (Southern Carpathians, Romania). *Cretaceous Research*, 151: 105658.
27. Schlagintweit, F. & Bucur, I.I. (2023). New records of late Berriasian and late Valanginian Orbitolinidae (Foraminifera) from the eastern Carbonate Platform (South Carpathians, Romania). *Cretaceous Research*, 148:105502.
28. Sudar, M., Gawlick H.-J., Bucur, I.I., Jovanovic, D., Missoni, S. & Lein, R., (2023). From shallow-water carbonate ramp to hemipelagic deep-marine carbonate deposition: Part 2. Sirogonjo (Klisura Quarry - the reference section of the Middle to Late Anisian Bulog sedimentary succession in the Inner Dinarides (SW Serbia)). *Geološki Anali Balkanskoga Poluostrva (Annales Géologiques de la Péninsule Balkanique)*, 84 (2): 41-70.
29. Sudar, M., Gawlick H.-J., Bucur, I.I., Jovanovic, D., Missoni, S. & Lein, R., (2023). From shallow-water carbonate ramp to hemipelagic deep-marine carbonate deposition: Part 3. Lithostratigraphy and Formations of the Middle to Late Anisian Bulog sedimentary succession (Bulog Group) in the Dinarides (Bosnia and Herzegovina, Serbia, Montenegro). *Geološki Anali Balkanskoga Poluostrva (Annales Géologiques de la Péninsule Balkanique)*, 84 (2): 71-106.
30. Bucur, I.I. & Reolid, M. (2024) – Incidence of the early Toarcian global change on Dasycladales (Chlorophyta) and the subsequent recovery: Comparison with wnd-Triassic Mass

31. Bucur, I.I., Del Piero, N. & Martini, R. (2024) *Clypeina? pamelareidae* n. sp., a new dasycladalean alga from the Upper Triassic of Lime Peak (Yukon, Canada). *Micropaleontology*, 70 (3): 253-262.
32. Bucur, I.I., Grădinaru, E., Lazăr, I., Pleș, G. & Mircescu, C.V. (2024) Dasycladalean algae from Middle-Upper Triassic limestones of North Dobrogea (SE Romania). *Micropaleontology*, 70 (5): 405-450.
33. Kolodziej, B., Lazăr, I., Bucur, I.I., Coman, M., Uchman, A. (2024) – Hybrid nature of new Jurassic-Cretaceous worm burrow indicated by microbial mediation of its wall formation. *Palaios*, 39 (1): 1-20.
34. Masse, J.P., Fenerci-Masse, M & Bucur, I.I. (2024) *Archaeoradiolites* emend. (Rudist bivalve-Radiolitidae) and its species from the upper Aptian of Romania. *Palaeoecology and palaeobiogeographic implications*. *Cretaceous Research*, 155: 105783.
35. Masse, J.P. Fenerci-Masse, M., Bucur, I.I. (2024) – New species of the Lower Cretaceous *Matheronia* Munier-Chalmas (Bivalve Hippuritida) in Romania. *Acta Palaeontologica Romaniaiae*, 20 (1): 3-15.
36. Mrdak, M., Dacovic, M., Gawlick, H.-J., Djerić, N., Bucur, I.I., Sudar, M., Milic, M. & Cadenovic, D. (2024) Middle Triassic stepwise deepening and stratigraphic condensation associated with Illyrian volcanism in the Durmitor Mountain, Montenegro. *Facies* (2024) 70:10. <https://doi.org/10.1007/s10347-024-00683-0>
37. Pleș, G., Schlagintweit, F., Kolodziej, B., Bucur, I.I., Gawlick, H.-J., Mircescu, C.V., Săsăran, E. & Lazăr, I. (2024) Upper Jurassic-lowermost Cretaceous hybrid build-ups of the Western Tethys Realm: Cement-rich microencruster-microbialite-calcified sponge framework. *Palaeogeography, Palaeoclimatology, Palaeoecology*, 639: 112035. <https://doi.org/10.1016/j.palaeo.2024.112035>
38. Barattolo, F., Bucur, I.I. (2025). Reinterpretation of “Palaeodasycladus” (Chlorophyta, Dasycladales) from the Lower Jurassic of the Tatra Mountains, Poland. *Carnets Geol.* 25 (12): 255-264.
39. Barattolo, F., Bucur, I.I., Tibuleac, P., Girardi, G. (2025). Ontogeny and mineralization in Dasycladales: the case of two new species of triploporellaceans (green algae, dasycladales) from the Lower Cretaceous rare Syncline (Romania). *Journal of Paleontology*, 99 (1): 26-54.
40. Bucur, I.I. (2025). On the foraminiferal genera *Scythiolinas* and *Histerolina* (Neagu, 2000). *Acta Palaeontologica Romaniaiae*, 21(2): 35-39.
41. Bucur, I.I., Săsăran, E., Pleș, G. (2025) *Schlagintweitella inopinata*, a new genus and species of Dasycladales (green algae) from the Upper Jurassic limestones of Romania. *Geologia Croatica*, 78(2): 103-113.
42. Haggart, J.W., Bucur, I.I., Graham, R., Beard, G. (2025). An unusual biofacies in a rocky shoreline succession of Vancouver Island, British Columbia, Canada: First record of Late Cretaceous coralline algae from the northeast Pacific region. *Cretaceous Research*, 166 article 106008.
43. Le Coze, F., Altiner, D., Arefifard, S., Aretz, M., Bucur, I.I. et al. (2025) New replacement names for Paleozoic foraminifera homonyms: A tribute to Daniel Vachard (1947-2024). In: Lucas et al. (ed). *Fossil record 11*, New Mexico Museum of natural History and Science Bulletin, 101: 35-39.
44. Mircescu, C.V., Bucur, I.I., Pleș, G., Ungureanu, R., Florică, S. (2025). Rare occurrence of Weyersyein limestones in the Southern Carpathians (Romania). *Facies*, 71(3), article 12.
45. Mrdak, M., Gawlick, H.-J., Djerić, N., Bucur, I.I., Wegerer, E., Fakovic, M., Sudar, M. (2025). From deep-marine stratigraphic condensation to mass-transport deposition: Illyrian stepwise extension record in a red nodular limestone drowing sequence (Bulog Formation) on the Ravni Carbonate ramp (Seljani area, Montenegro). *Geologia Croatica*, 78 (3): 185-204.
46. Pleș, G., Bucur, I.I., Săsăran, E., Bindu-Haitonic, R., Balica, C., Mircescu, C.V., Magdaș, D.A., Vulpoi, A. (2025). Late Aptian-middle Albian bacinellid oncoid event, Apuseni Mountains,

Romania: a possible link to OAE1b? *Palaeogeography, Palaeoclimatology, Palaeoecology*, 664, article 112807.

47. Stefanovic, E., Della Porta, G., Bucur, I.I., Radivojevic, D. (2025) Late Berriasian-Early Valanginian evolution and drowning of the Getic Carbonate Platform (SE Serbia). *Rivista Italiana di Paleontologia e Stratigrafia (Research in Paleontology and Stratigraphy)*, 131 (2): 353-381.