

Special Section “InterRad XVI 2022, Ljubljana (Slovenia)”

FOREWORD

This Special Section contains three selected papers related to the 16th InterRad meeting, held in Ljubljana, Slovenia, from September 11-15, 2022. The meeting included six sessions: a) Taxonomy, biostratigraphy and paleoecology of Paleozoic radiolarians. Special session in memory of Martial Caridroit (1957-2019); b) Taxonomy, biostratigraphy and paleoecology of Mesozoic radiolarians. Special session in memory of Elspeth Urquhart (1949-2019); c) Taxonomy, biostratigraphy and paleoecology of Cenozoic radiolarians. Special session in memory of William R. Riedel (1927-2020); d) Radiolarians from mountain belts and past oceans - records of climate history; e) Radiolarians in contemporary ecosystems; f) Geometry of radiolarian skeletons. The abstracts of the meeting were published in the Radiolaria Newsletter (Radiolaria 51, September 2022).

The first article of the Special Section, by *Ito et al.*, is a study of Capitanian (late Guadalupian, Middle Permian) and Changhsingian (late Lopingian, Late Permian) radiolarians occurring in the chert blocks within the conglomerates of the Kamiaso Complex (Mino Belt, Japan).

Galoyan et al. examined the late Valangian-Hauterivian radiolarites associated with basaltic lavas of the Amasia-Stepanav ophiolite (northern Armenia). This study is important for the geodynamic reconstruction of the Tethys in an area that links the Lesser Caucasus and the Eastern Pontides.

Muto et al., investigated a Late Carboniferous to Permian basalt-chert sequence in the Jurassic accretionary complex of the North Kitakami-Oshima belt in Northeast Japan. The basaltic rocks at the base contain red cherty nodules that yielded Bashkiran to early Moscovian conodonts, while the upper red chert yielded middle Sakmarian radiolarians. Finally, the grey chert yielded latest Kungurian to earliest Roadian conodonts.

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