

IN MEMORIAM
JANA ION
(1934-2023)



Dr. **Jana Ion (Săndulescu)** was born on the 24th of January 1934 in Bucharest. After graduation of the high-school she became student of the University of Bucharest, Faculty of Geology, obtaining her Diploma in Geology in 1965. She retired from the Geological Institute of Romania, where she worked over 40 years.

Dr. Jana Ion had a long and significant career in the geological field. She was a well-known geologist, working on various aspects of lithostratigraphy and biostratigraphy, based on foraminifera. Our knowledge of microfossils and their role in accurately dating sediments and investigating past global ecology has been built by the work of numerous micropalaeontologists, and Dr. Jana Ion was one of them.

Jana published more around 100 papers in various journals, in Romania and abroad, including some included in WOS. She greatly contributed to the knowledge of the litho and biostratigraphy of Eastern Carpathians flysch deposits, from Mesozoic to Tertiary. An important part of her researches has been focused on the Upper Cretaceous-Palaeogene deposits exposed in Țara Bârsei Depression and Dâmbovicioara Couloir, from on what she published the biostratigraphy based on foraminifera, describing also the facies variations in these regions. Other scientific contributions regard the tectonics of the nappes belonging to the Eastern and Southern Carpathians, the first identification of the Lower Cretaceous foraminifera from the Romanian Carpathian Bend (Postăvaru Mts.), the identification of the transition from an anoxic setting to an oxic one in the Eastern Carpathian nappes, along with the identification of new foraminiferal genera and species.

Dr. Jana Ion was founder member of the Romanian Society of Palaeontologists in 1994, participated in the all

symposia, starting from the first one in 1997, and published many papers in the Journal of the Society, namely *Acta Palaeontologica Romaniae*. After 1996 she started to publish in this journal, together with micropaleontologists from the Geological Institute of Romania. A large part of these publications is about the integrated biostratigraphy of all the Upper Cretaceous stages existing in Romania, from the Cenomanian up to the Maastrichtian, based on ammonites, foraminifers, dinoflagellates and calcareous nannofossils.

At the beginning of the 21st Century, the geological community focused on the definition of new stages boundaries all over the world, by using multiproxies; Dr. Jana Ion, as a member of the Subcommission of the Cretaceous (International Commission of Stratigraphy – IUCS), has been involved in the definition of the GSSP (Global Stratotype Section and Point) of the Santonian (Olazagutia, N Spain) and Maastrichtian (Tercis-les Bains, W France), together with other renown scientists.

Dr. Jana Ion had many achievements during her long career and succeeded to help young scientists to develop their vocation. Overall, Jana is a wonderful example to follow by anyone, due to her passion on various geological research fields and laboratory investigations in geology in general, and micropaleontology (foraminifera) especially.

Dr. Mihaela Melinte-Dobrinescu and Dr. Titus Brustur

LIST OF PUBLICATIONS (SELECTION)

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