

Appendix 1 – Activity images



Figure 1. Valea Doamnei, Neamț County: Lower Rupelian mollusc marls (left) from relatively poorly exposed openings at the surface, sometimes difficult to locate (right)

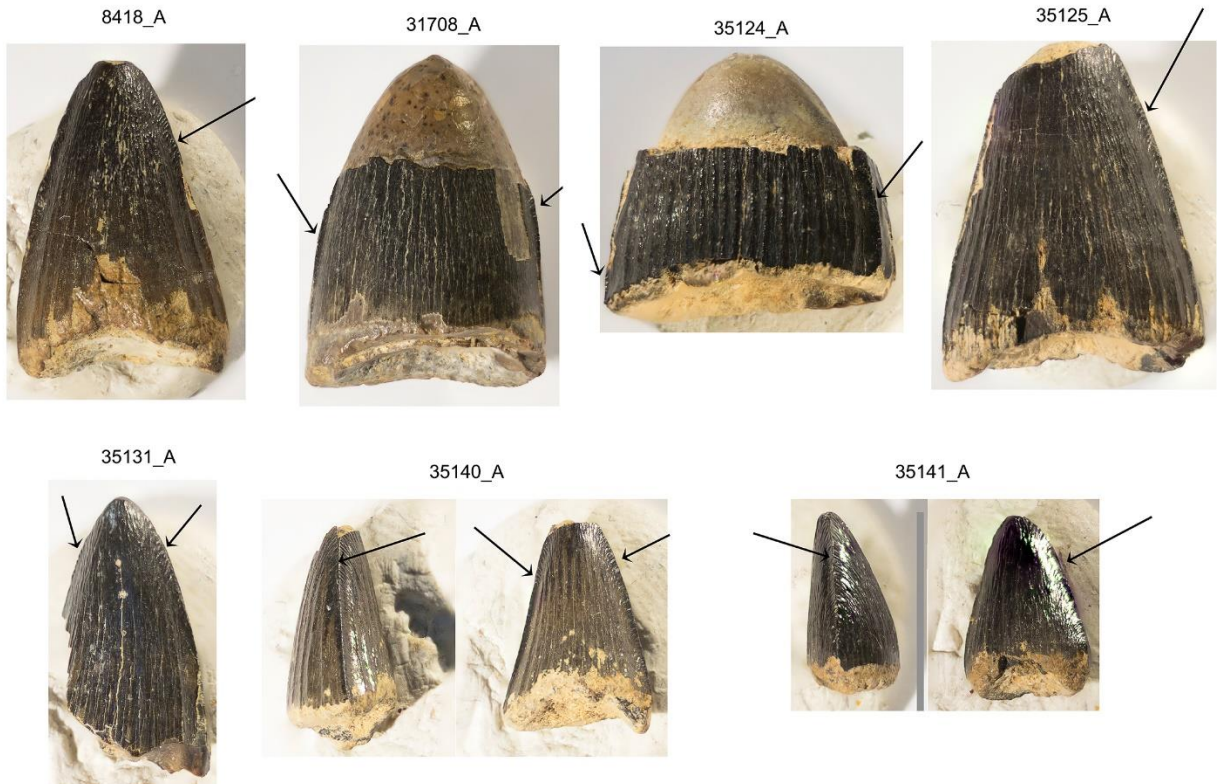


Figure 2: Examples of teeth of gavialoid crocodilians from the deposits of Turnu Roșu (Porcești), with morphological details of interest for systematic classification (from Venczel et al., 2022, submitted and accepted for publication)



Figure 3. Morlaca – the systematic excavation site, with a portion of the trench excavated in 2022 in the deposits of the Nadass Valley Formation (Upper Eocene: Priabonian)



Figure 4. Morlaca – transporting the fossils to the car: in the foreground can be seen the Eocene red-beds that delivered the collected fossils



Figure 5. Morlaca – at the end of the 2022 field campaign; note the large excavation (marked by the red circle) in the far view



Figure 6. The reference outcrop at Rădaia, in the Nadas Valley, which yielded the famous remains of titanotherians and primitive rhinocerotoids, published in the 19th century by Antal Koch (Anton Koch)



Figure 7. Dugongidae indet.: radius and ulna (left) in anatomical connection; pelvis (right); materials accepted for publication in a BDI journal



Figure 8. Bociu – the end of the excavation campaign; ca. 100 kg of sediment were taken to check for potential microvertebrate and fossil carophyte content



Figure 9. Zimbor – Rupelian coal levels



Figure 10. Sutoru – Oligocene continental red-bed (left) and fluvial deltaic (right) deposits

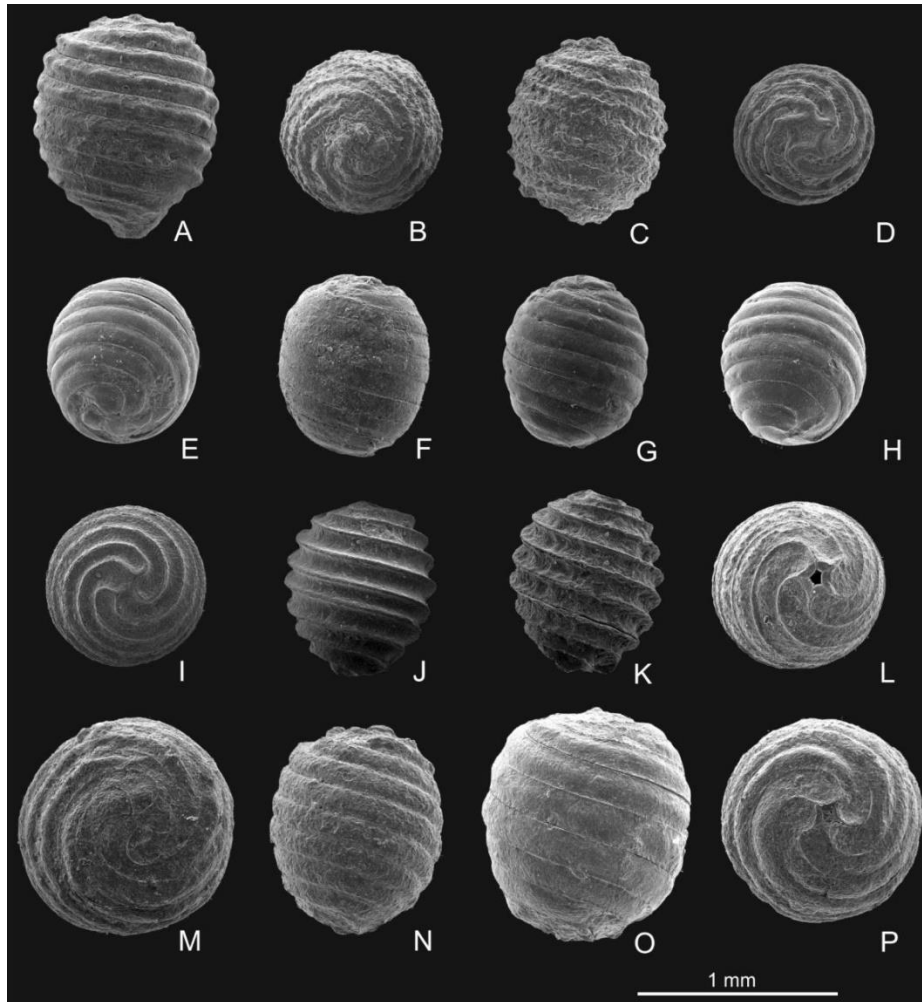


Figure 11. SEM (electron microscope) photos of Suceag carophytes



Figure 12. Morlaca – the lake limestone level

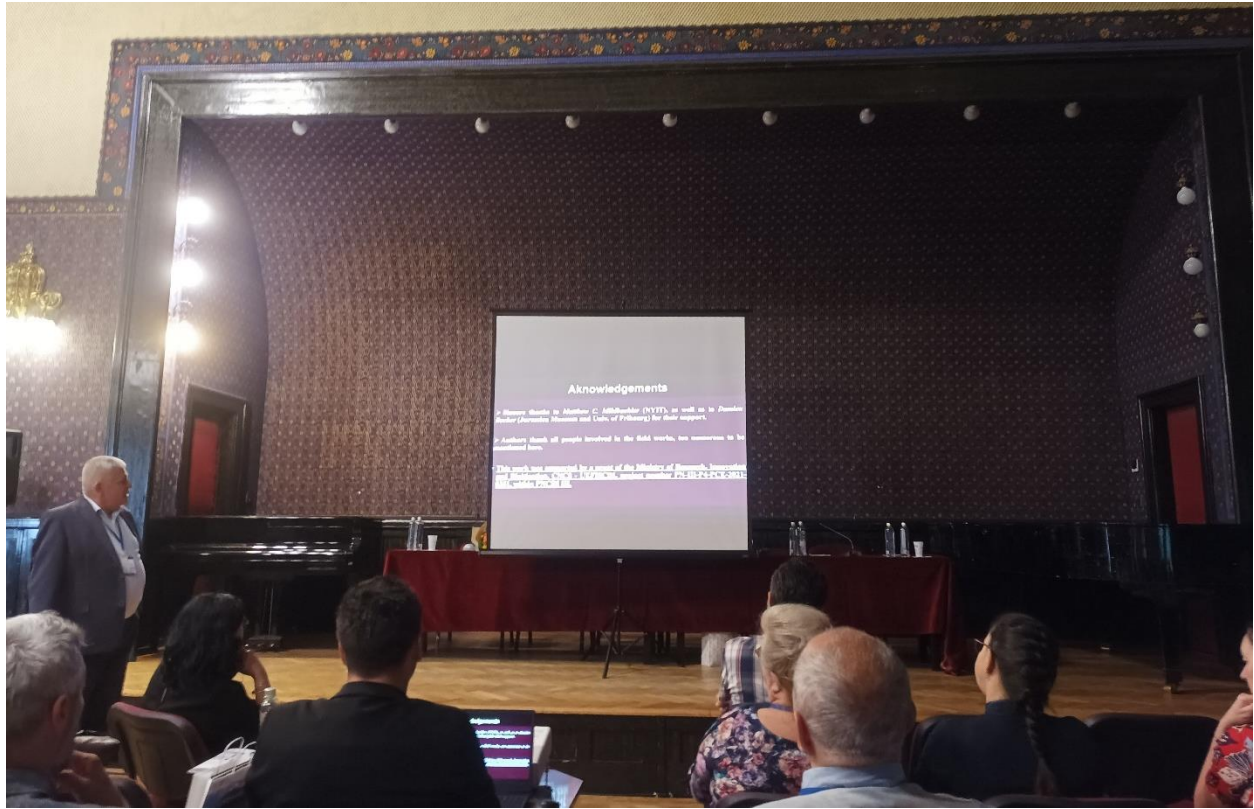


Figure 13. Târgu Mureș symposium – opening presentation Prof. Dr. Vlad Codrea



Figure 14. Târgu Mureș Symposium - presentation Drd. László Veress





Figure 15. Târgu Mureș Symposium - presentation Dr. Alexandru Solomon



Figure 16. CBGA Congress Plovdiv (Bulgaria) - presentation Prof. Dr. Vlad Codrea



Figure 17. CBGA Congress Plovdiv (Bulgaria) - Paleogene Sirenians from Romania poster



Figure 18. CBGA Congress Plovdiv (Bulgaria) - Eocene-Oligocene perissodactyls from Romania poster



Figure 19. CBGA Congress Plovdiv (Bulgaria) - end of the congress, group photo of some of the participants

CONFERINȚA NAȚIONALĂ DE COMUNICĂRI ȘTIINȚIFICE A SECȚIEI DE ȘTIINȚELE NATURII, BISTRIȚA 2022



**Eocene charophytes from Treznea: preliminary results.**  
 – Paleoeological and biostratigraphical implications –  
 (Carofite eocene de la Treznea: rezultate preliminare. Implicații paleoecologice și biostratigrafice)

**COMPLEXUL MUZEAL BISTRIȚA-NĂSĂUD**

Josep Sanjuan Girbau  
 Marian Bordeianu  
 Vlad Codrea  
 Alexandru Solomon  
 Cristina Fărcaș

Figure 20. On-line conference in Bistrita



Figure 21. Presentation for the public: *The world after dinosaurs: A Troubled History*. Researchers' Night, 30 September 2022



Figure 22. Presentation to the public: *Paleogene climate events in Romania: evidence from terrestrial vertebrates*. Organised on the occasion of Geology Week on 18 October 2022



Figure 23. Specialists participating in the workshop: geological reserves in Romania. Evaluation, Geoconservation, Interpretation. during 24-25 November 2022