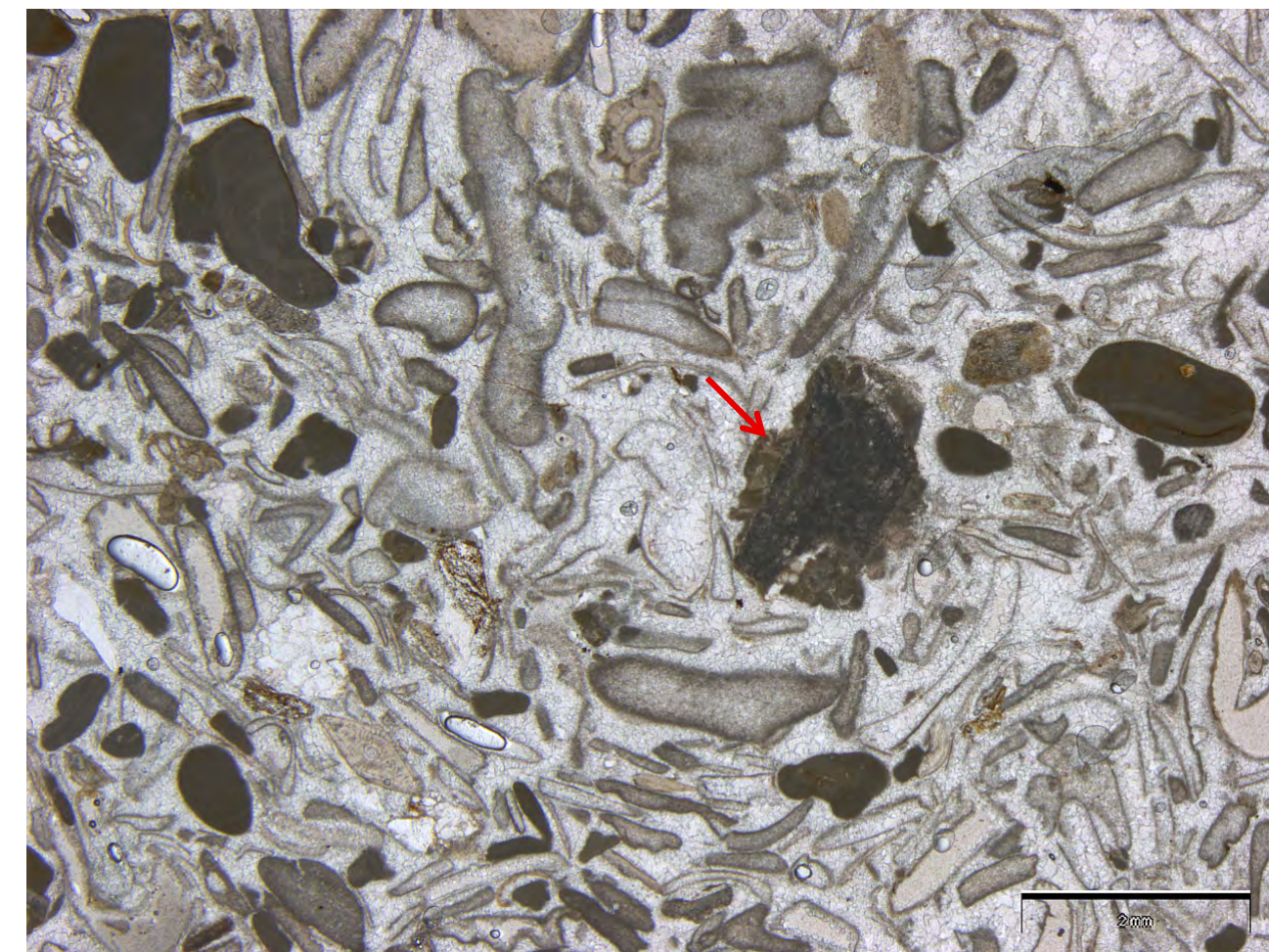


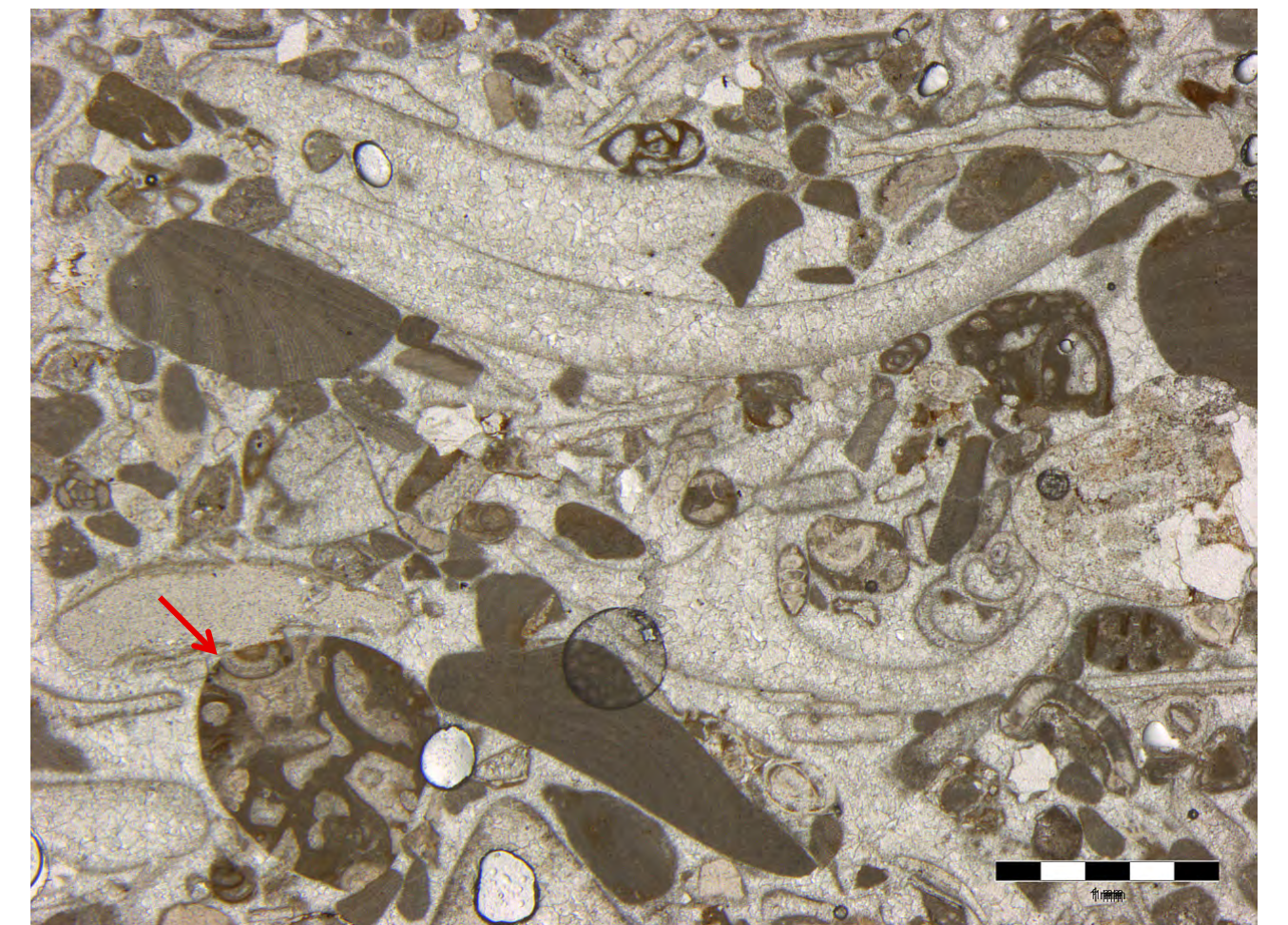
Old quarries served as sampling sites for mostly detrital limestones, which generally are attributed to Leitha Limestone s. l. Badenian (-Sarmatian). Different component's spectra and diagenetic overprints are identified. However, some groups, like encrusting foraminifers, the algae components, decapods, serpulids and molluscs are still under question. The same affects some paleoenvironmental and diagenetic interpretations. Therefor these microscope-pictures are displayed here. The age determination is based on foraminifers in the thin-sections.

78/52A (259 thin section): TEUFELSJOCH



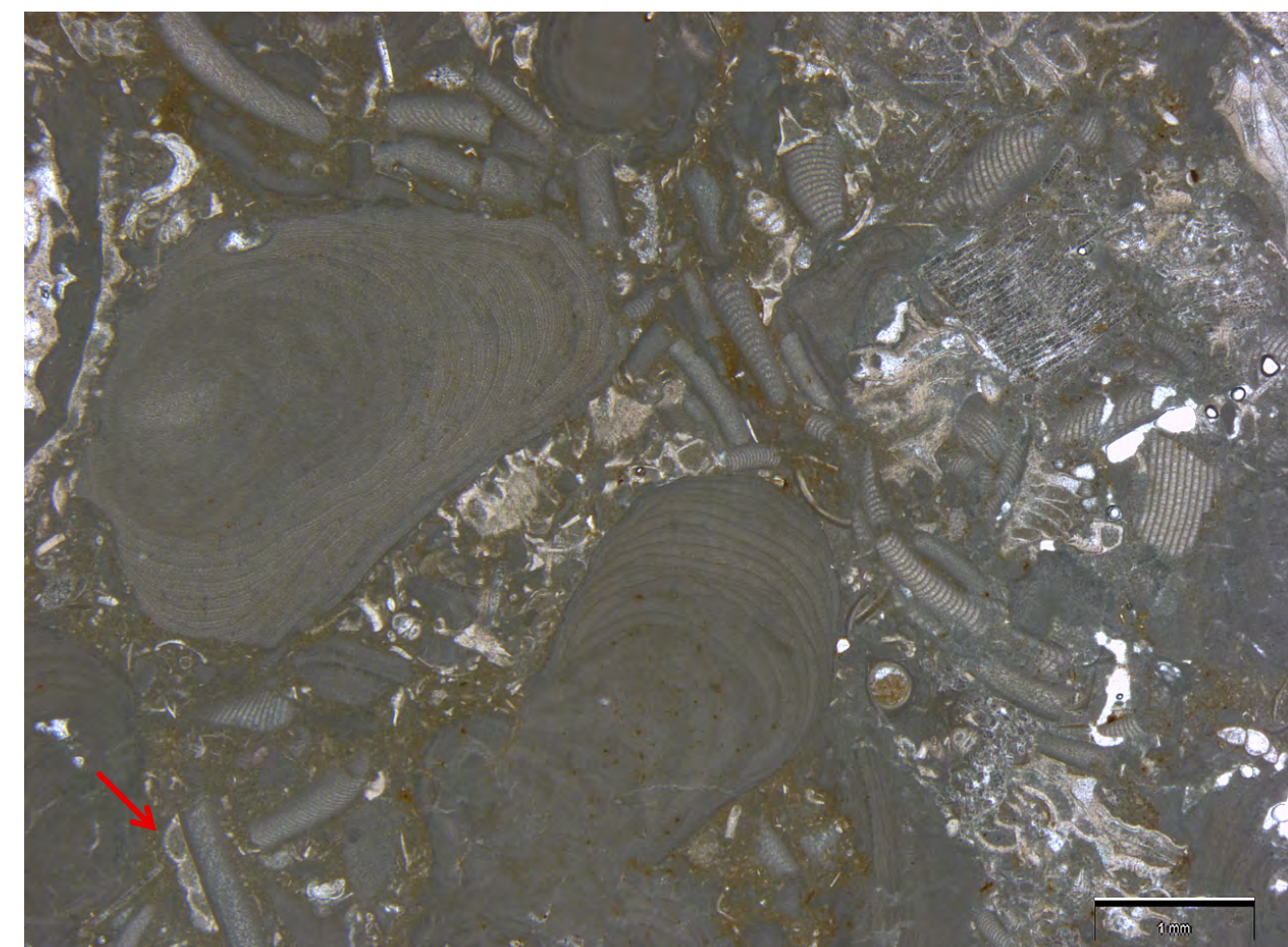
Badenian: Altered bioclasts (only molluscs?), preserved mainly by micritic envelopes; ?terrigenous clasts (arrow).

78/56 (272): KAPELLENBRUCH



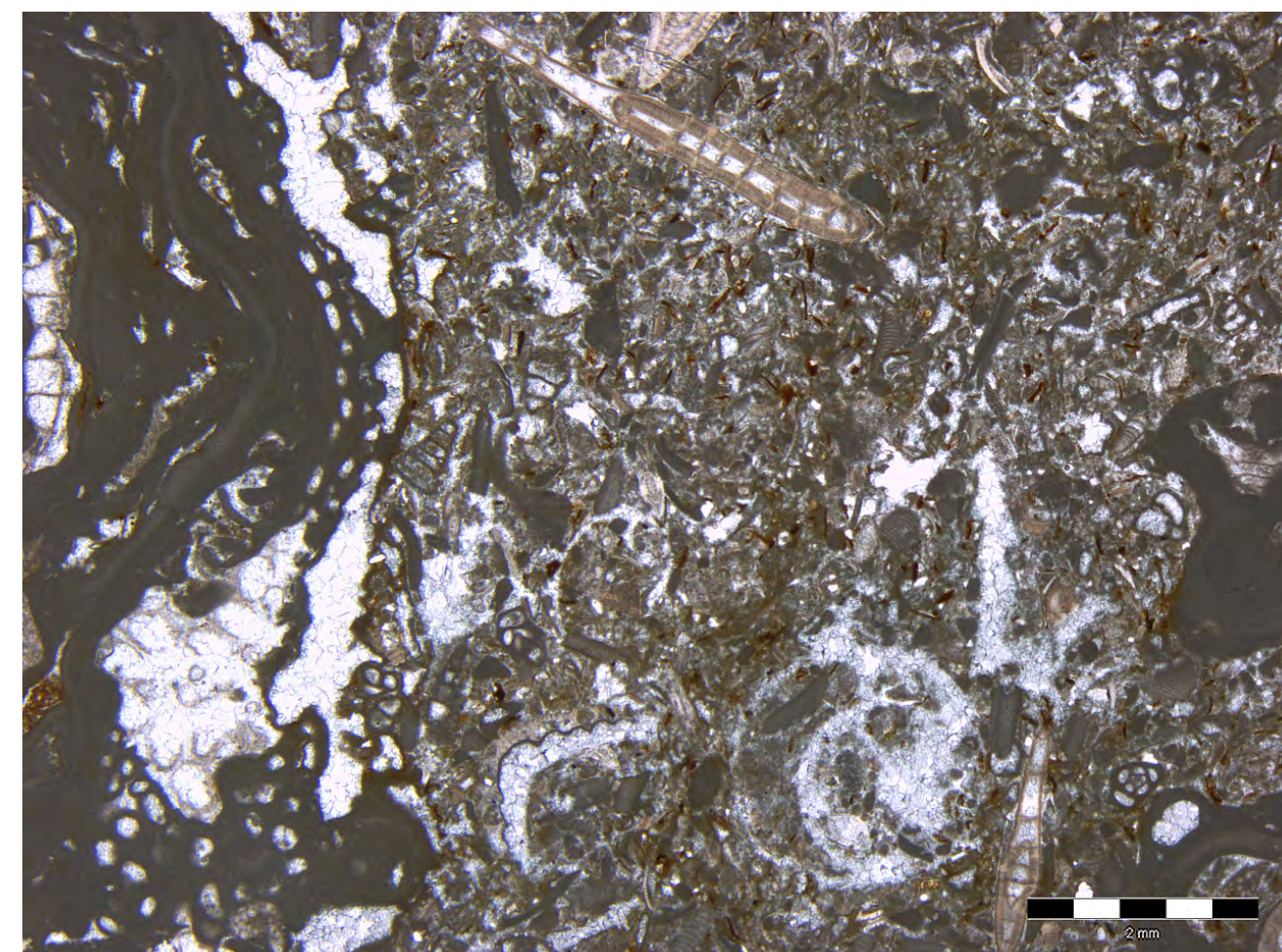
Badenian: Bivalve-rich sediment; lithoclast of ?cementstone (arrow).

78/52B (260) LITHOCLAST: TEUFELSJOCH-N



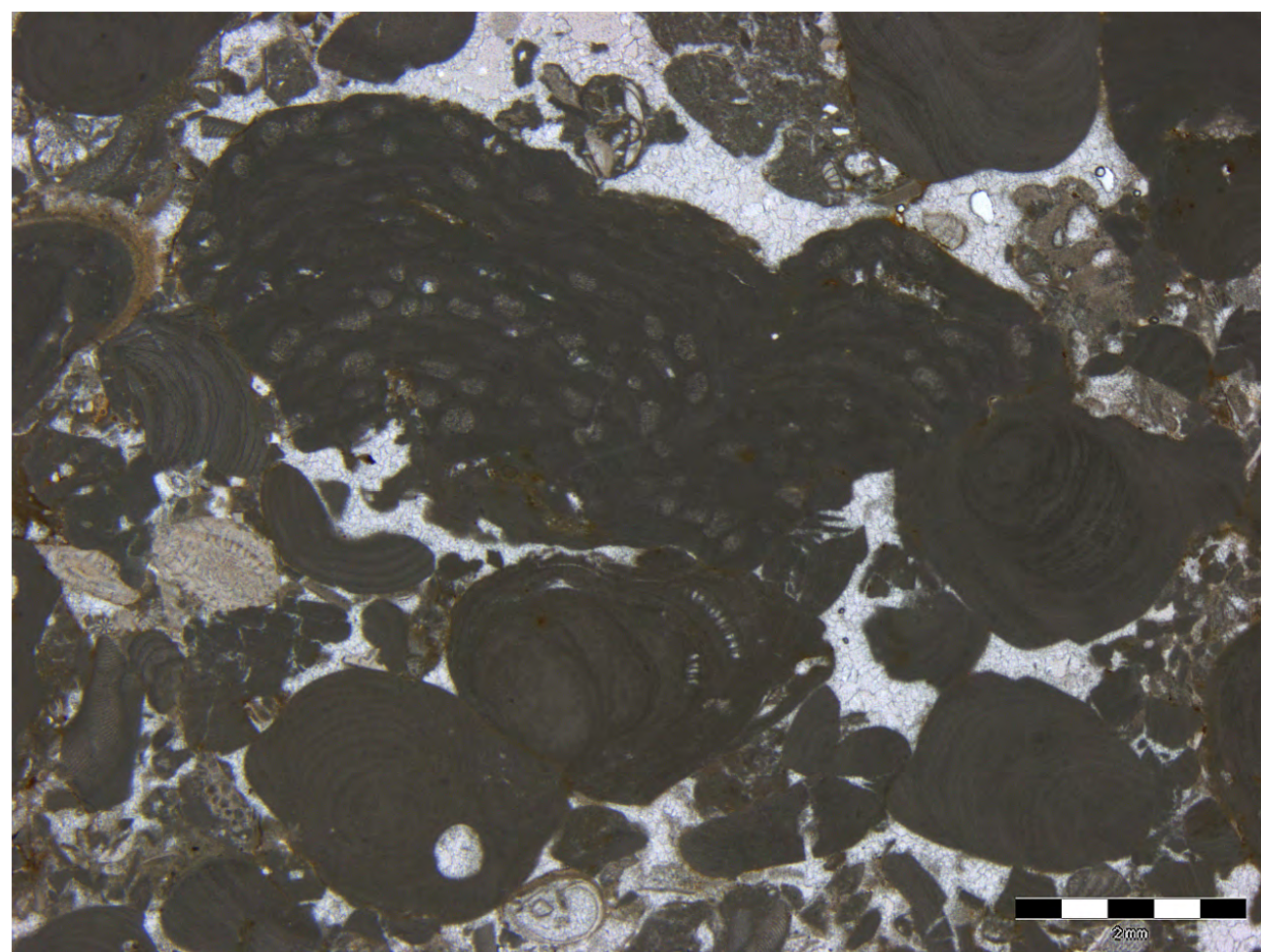
Without age indication: ?Lithothamnium, ?Lithophyllum; bryozoan-encrustations; encrusting foraminifer? (arrow).

78/58A (277): KAVERNENBRUCH



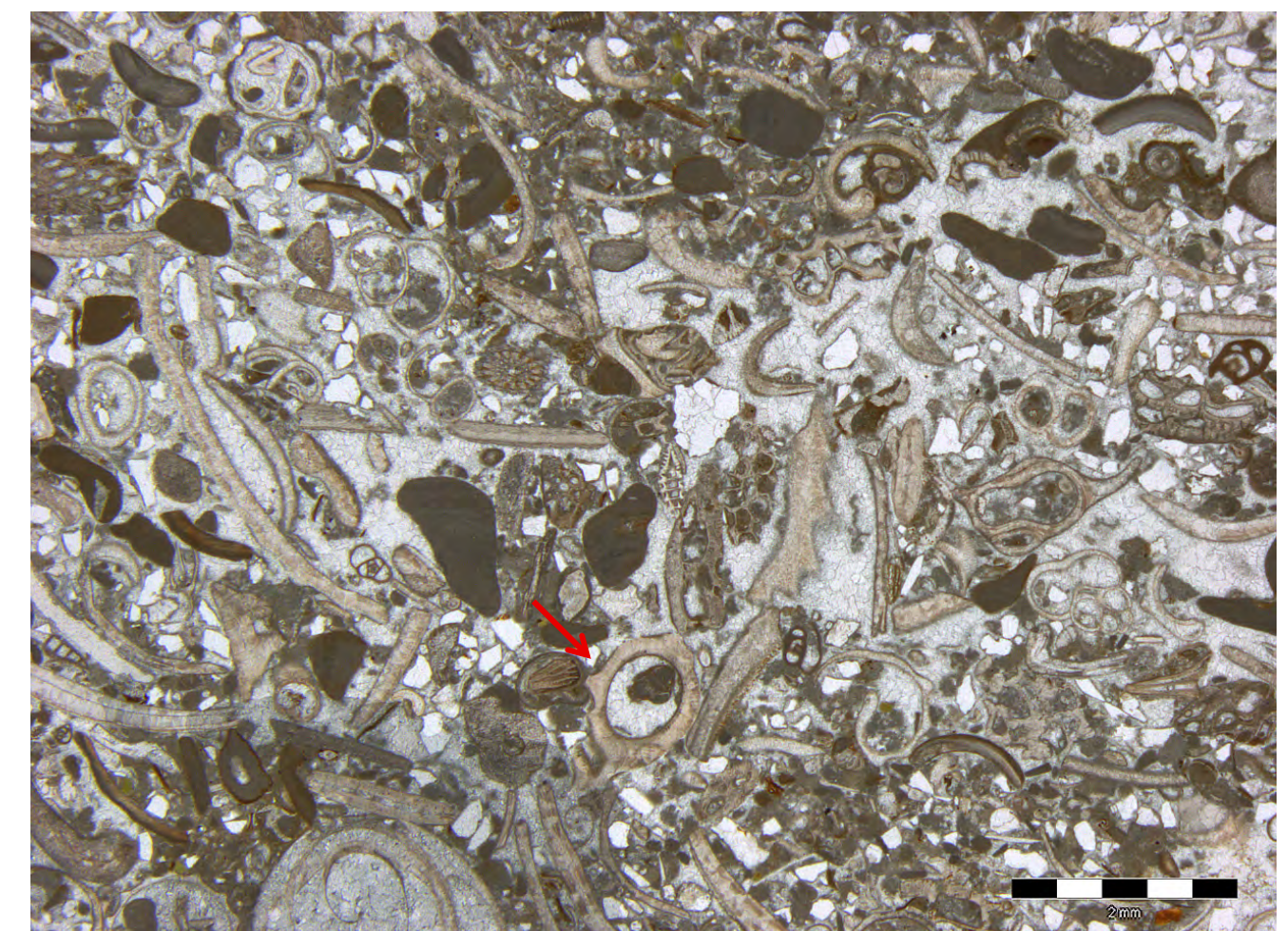
Badenian: ?Mesophyllum-rhodolith with engrown ?bryozoan in matrix with bioclasts and terrigenous material.

78/306 (300): DRAXLERGRABEN



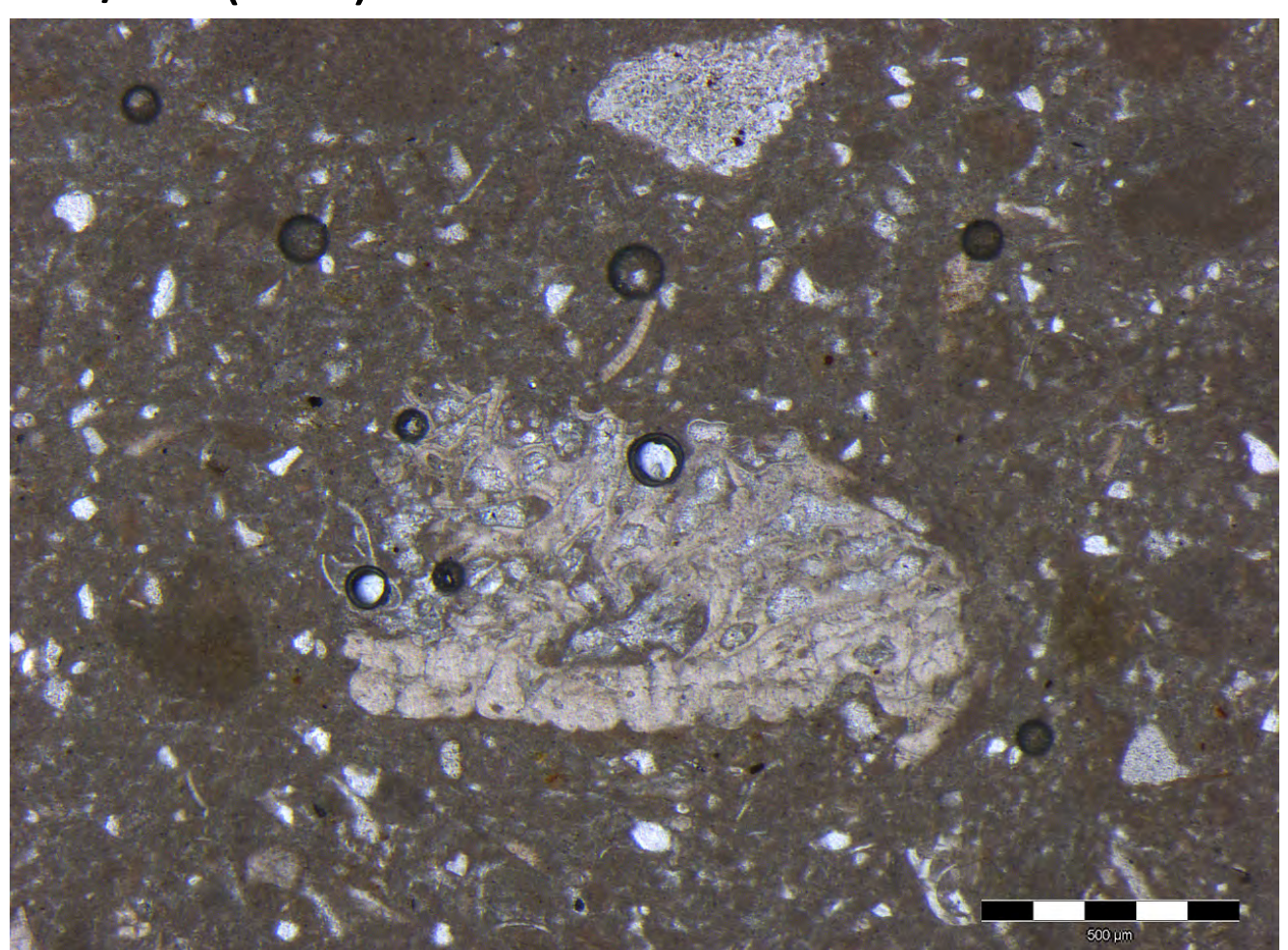
Badenian?: Clasts of different coralline algae; drusy/blocky cement and remaining open porosity.

78/288 (289): BÄCKERKREUZ-N



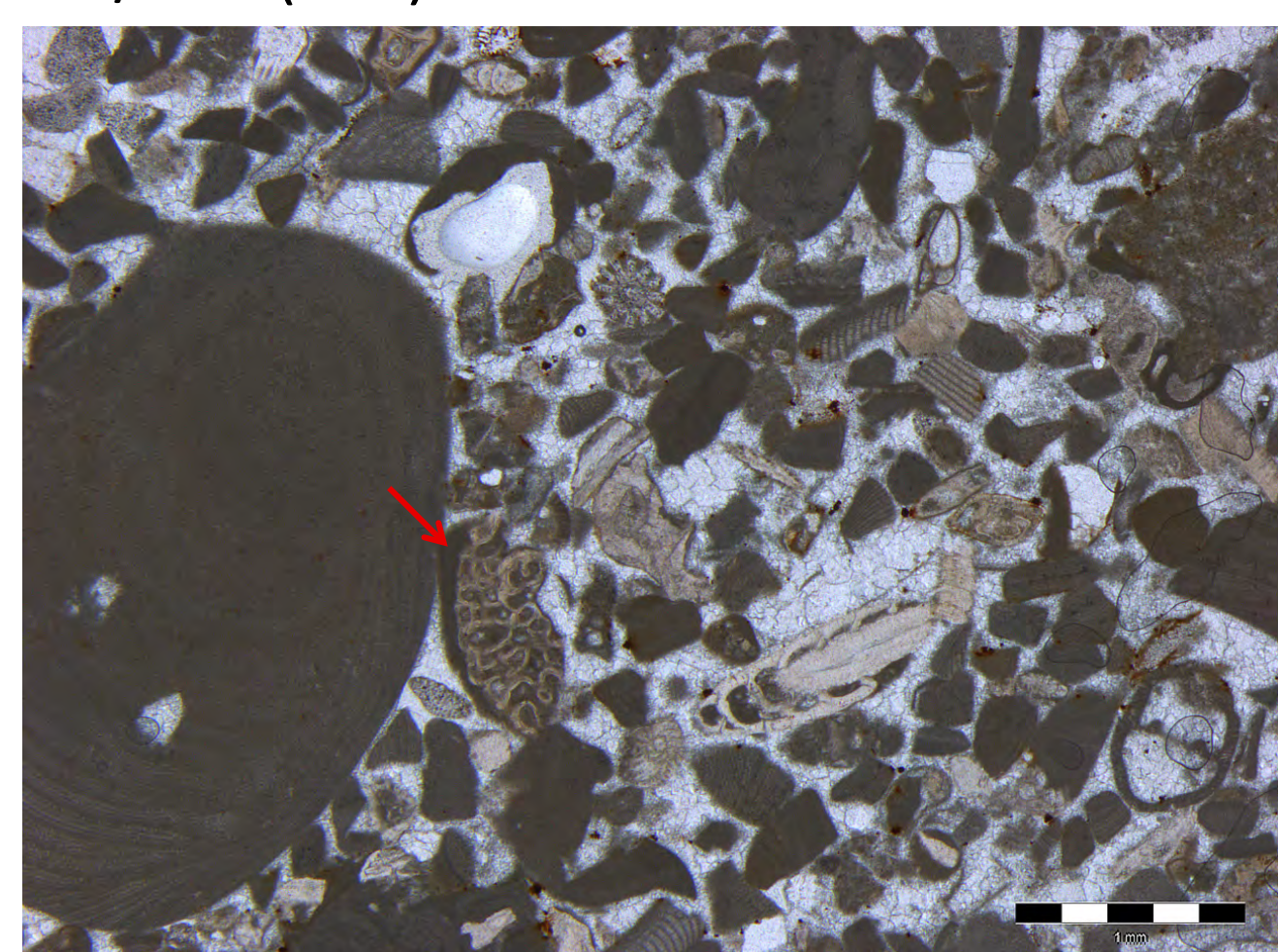
Badenian: Siliciclastic lumachelle; unknown ?mollusc section (arrow).

78/82 (281): JÄGERBRÜNDLBRUCH



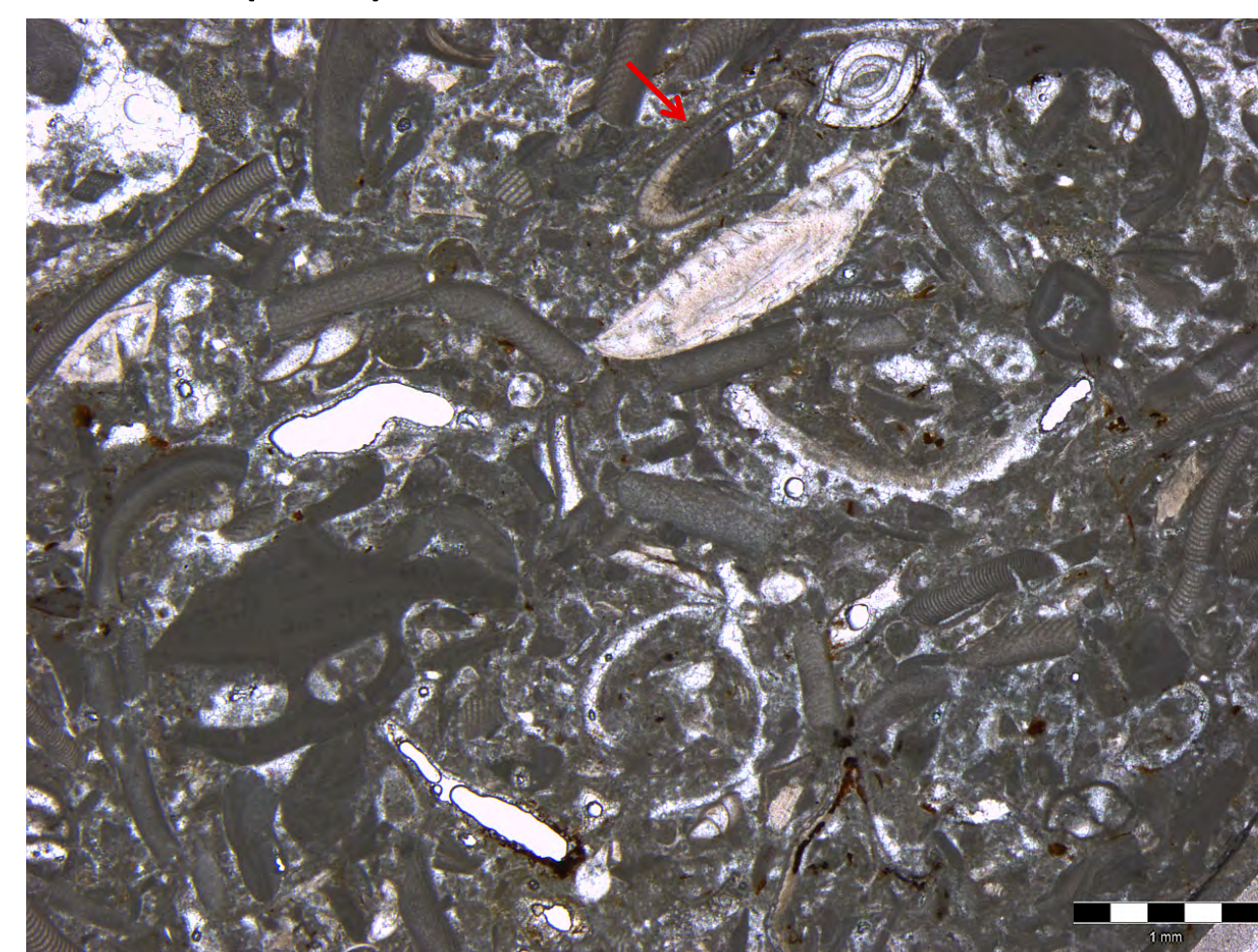
Badenian: Unknown bioclast in fine grained siliciclastic wackestone (bryozoan?).

78/58A (276): KAVERNENBRUCH



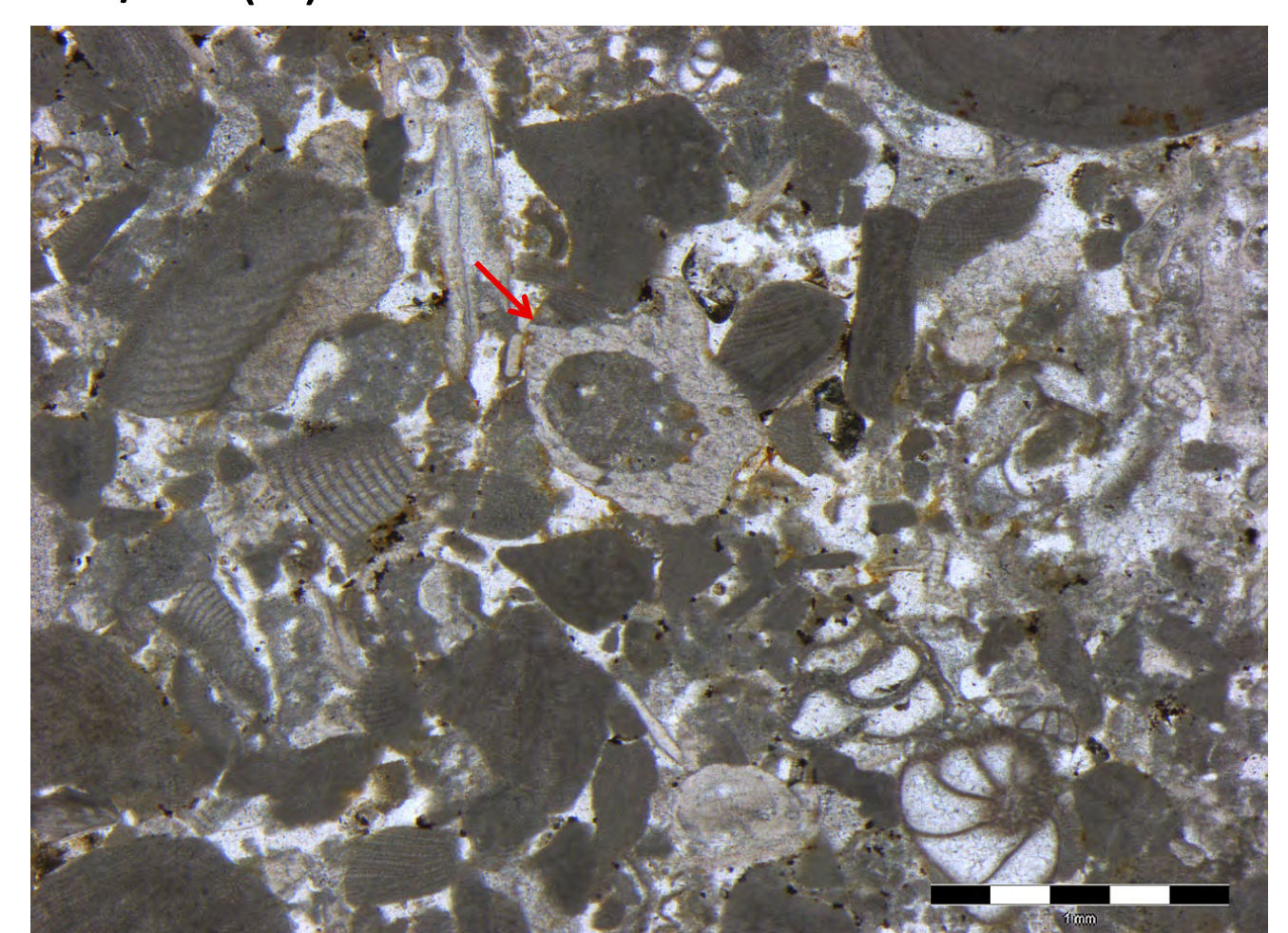
Badenian: Unknown bioclast (arrow) among the bioclasts in drusy and blocky cements.

78/82 (279): JÄGERBRÜNDLBRUCH



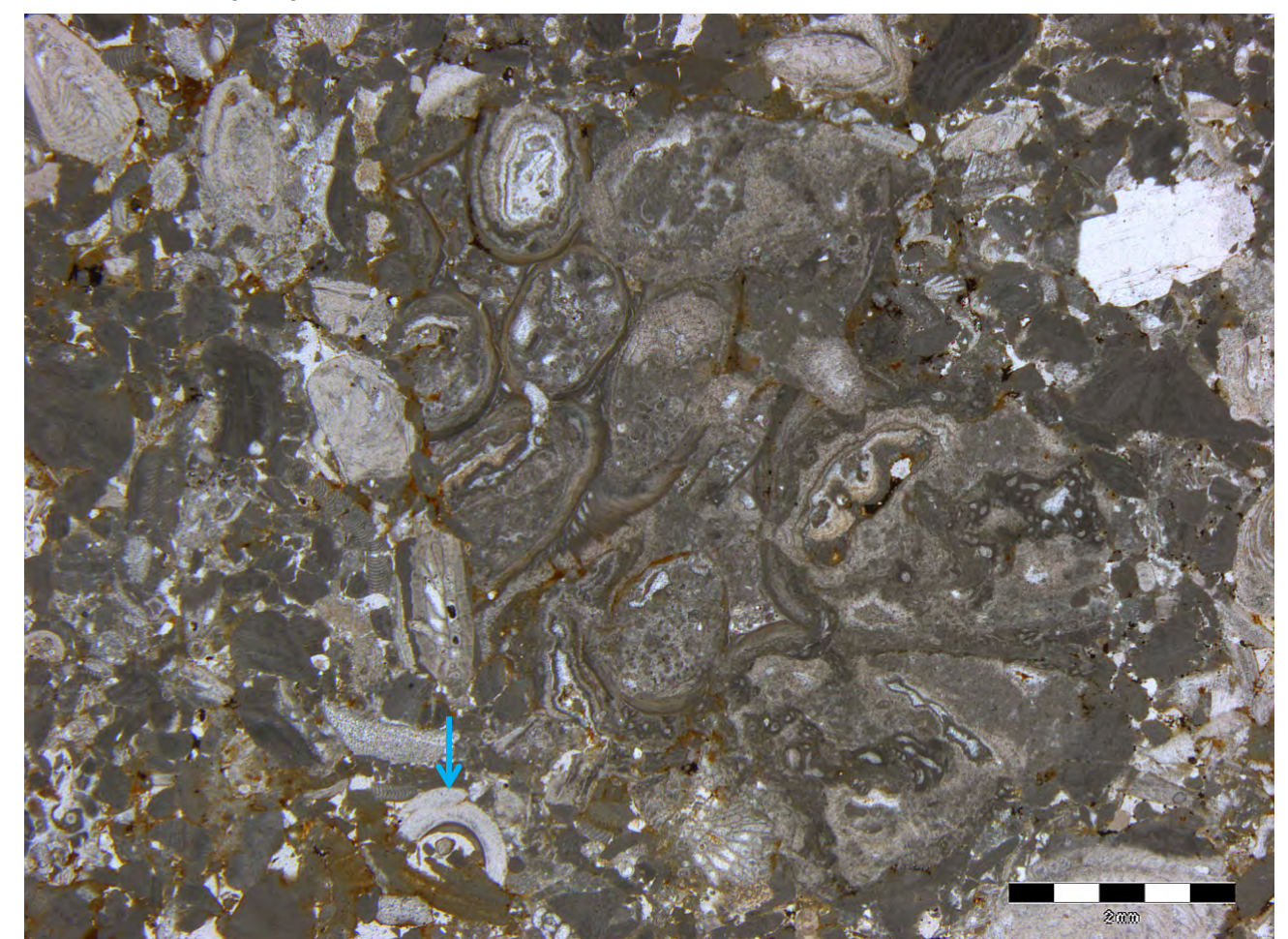
Badenian: Slump-like facies with different algae particles; unknown bioclast (arrow), still open pores and drusy cements.

78/57 (H): EINSIEDLERBRUCH



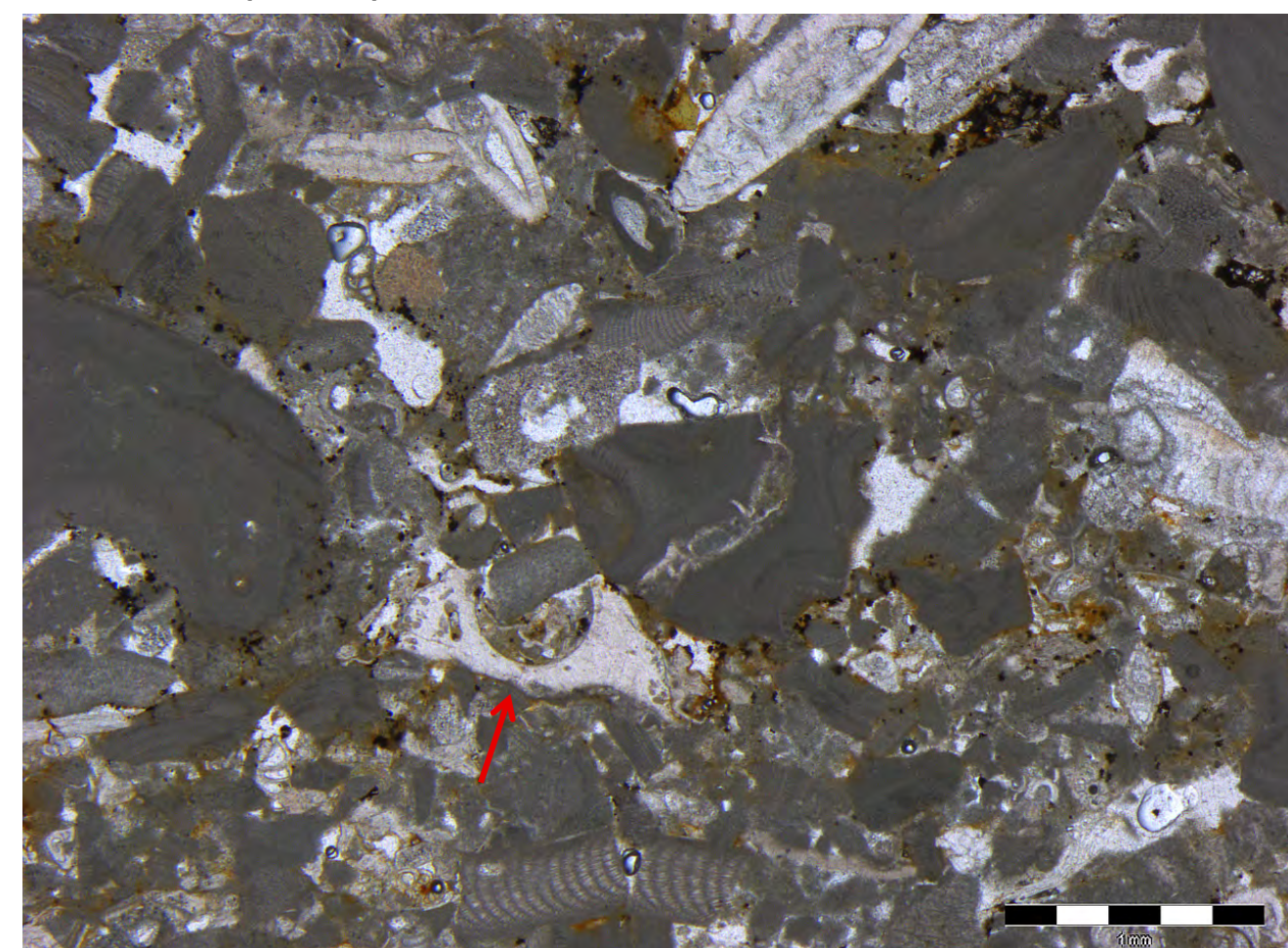
Badenian: Unknown bioclast among fragmented biogene particles, Lobatula at lower right.

78/57 (H): EINSIEDLERBRUCH



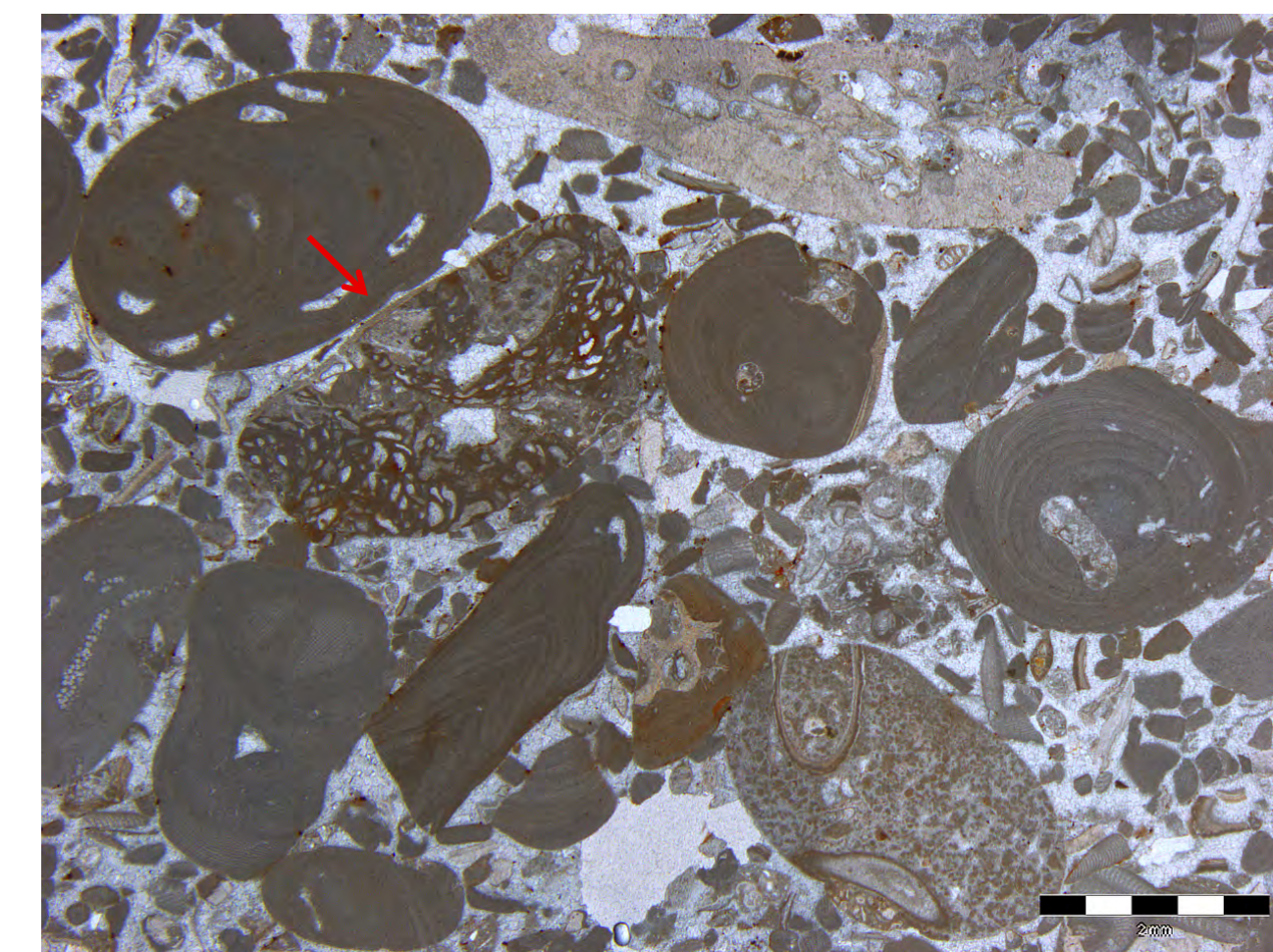
Badenian: Large lithoclast of serpulids and encrusting foraminifer; second serpulid type below (blue arrow).

78/57 (274): EINSIEDLERBRUCH



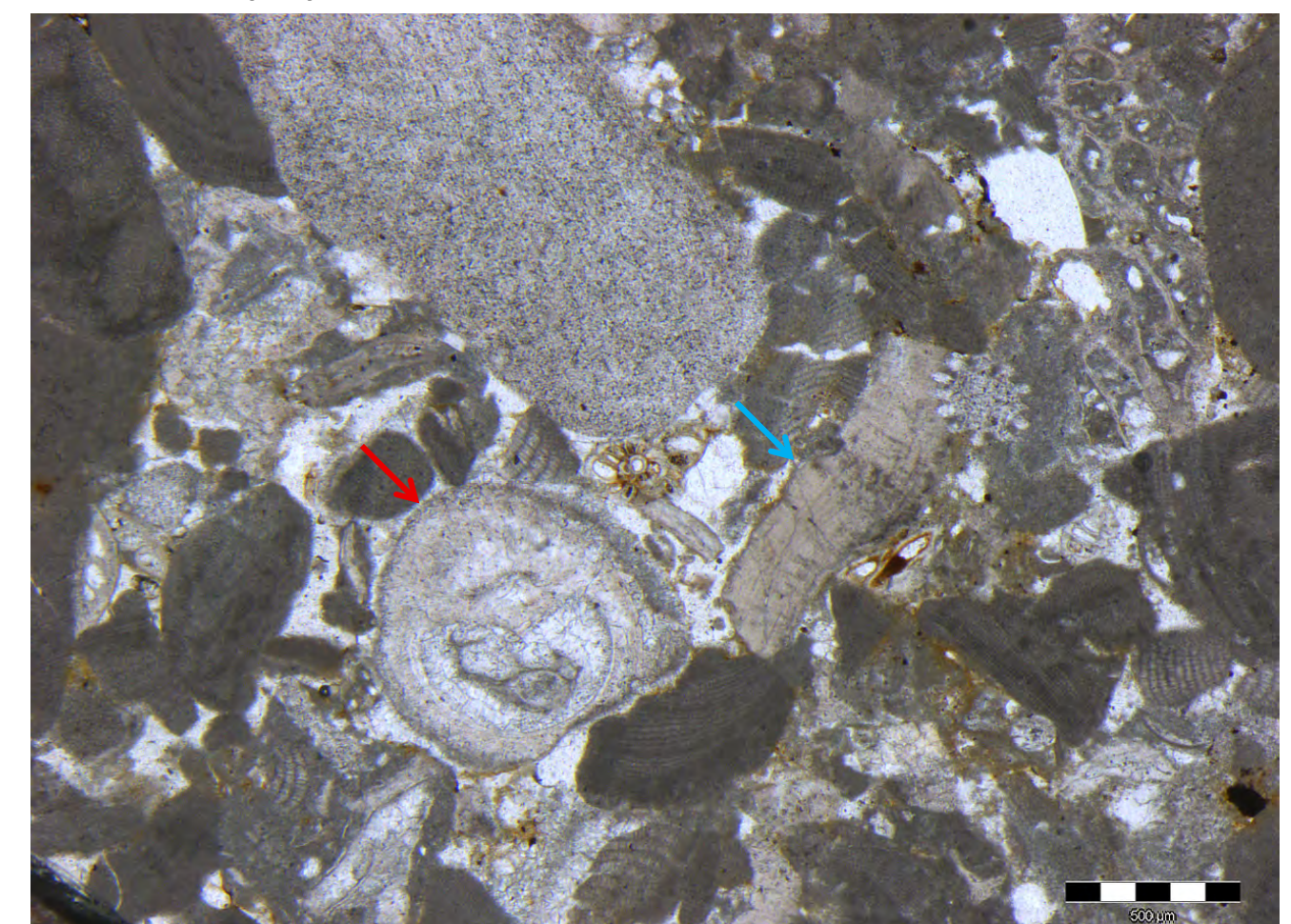
Badenian: Unknown bioclast (arrow) with central hole; terrigenous influence and weak cementation.

78/58A (276): KAVERNENBRUCH



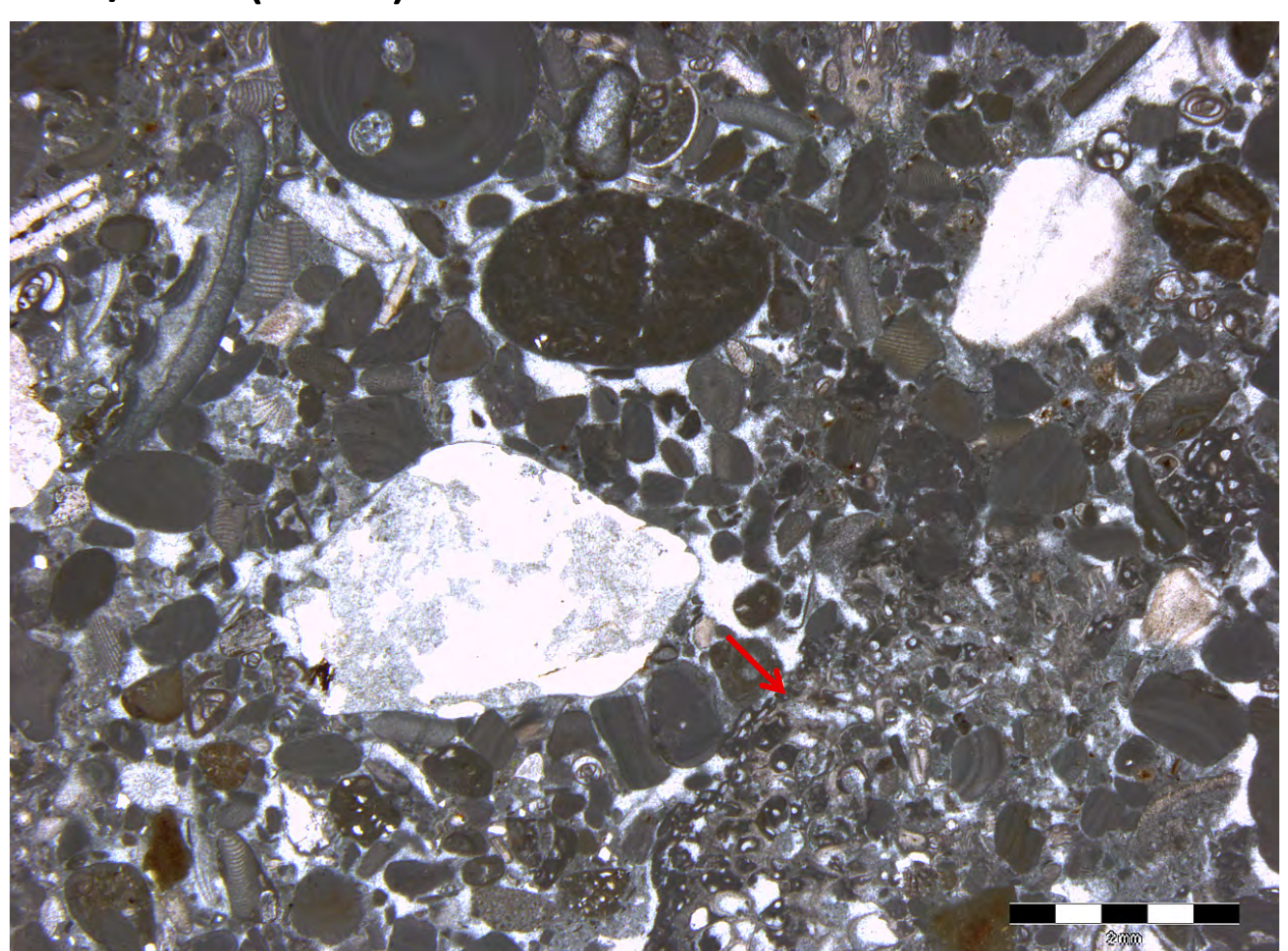
Badenian: Well rounded iron-stained ?intraclasts of various facies; one with Nubecularia? (arrow).

78/57 (H): EINSIEDLERBRUCH



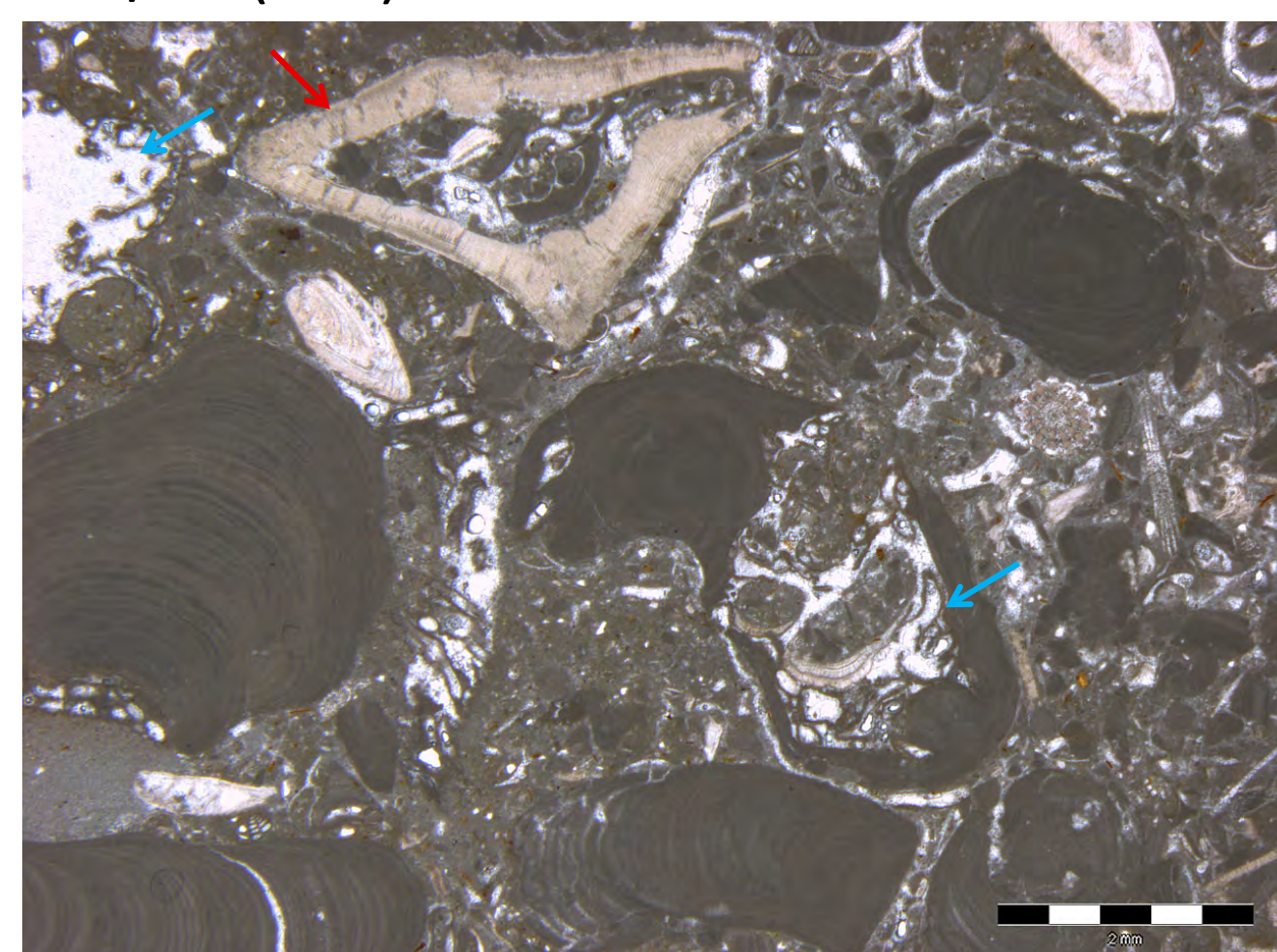
Badenian: Questionable molluscan section (red arrow) and questionable decapod clast (blue arrow).

78/82 (280): JÄGERBRÜNDLBRUCH



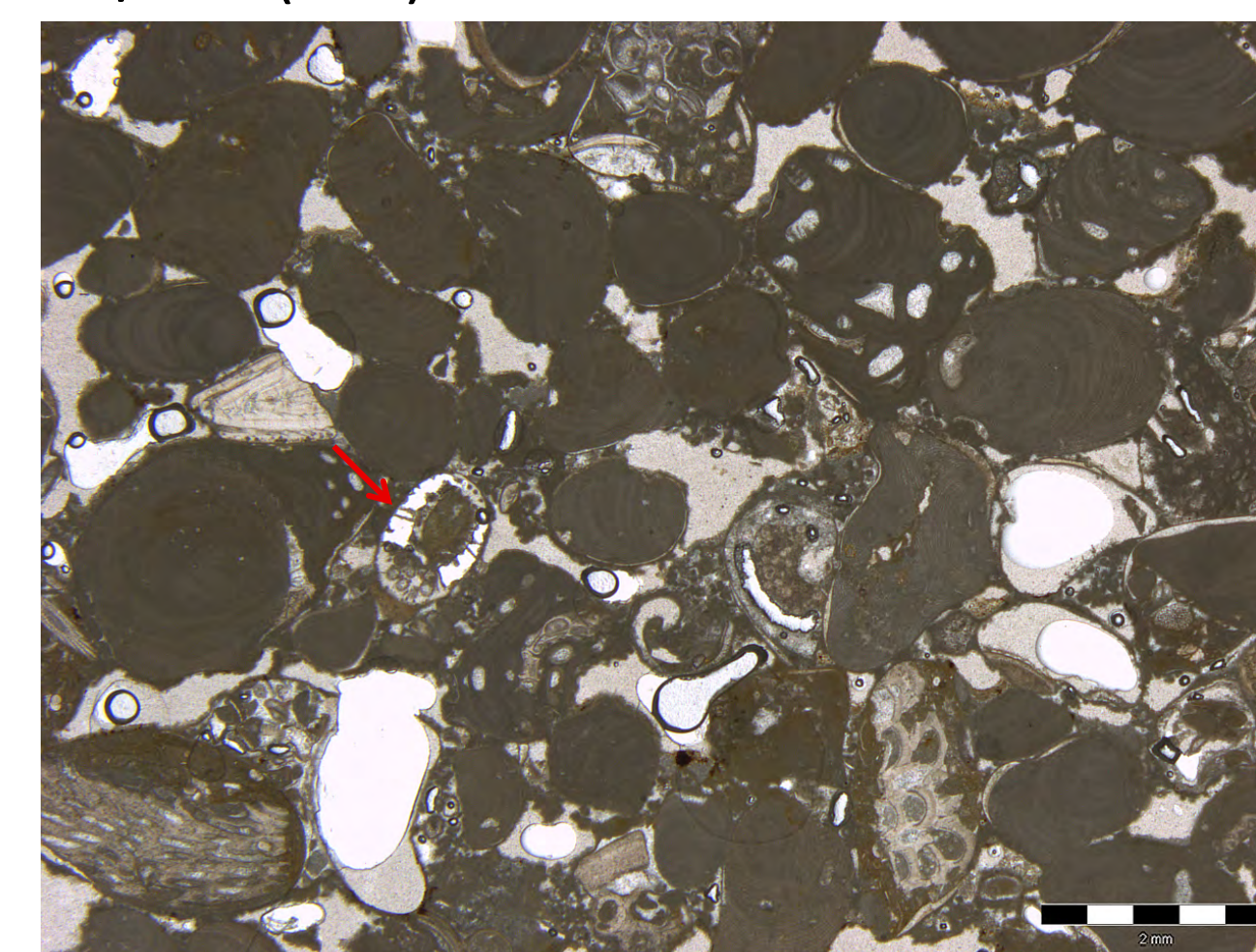
Badenian: ?Encrusting foraminifer as sediment stabilizer, inhabiting and growing out from a bryozoan colony.

78/82 (274): JÄGERBRÜNDLBRUCH



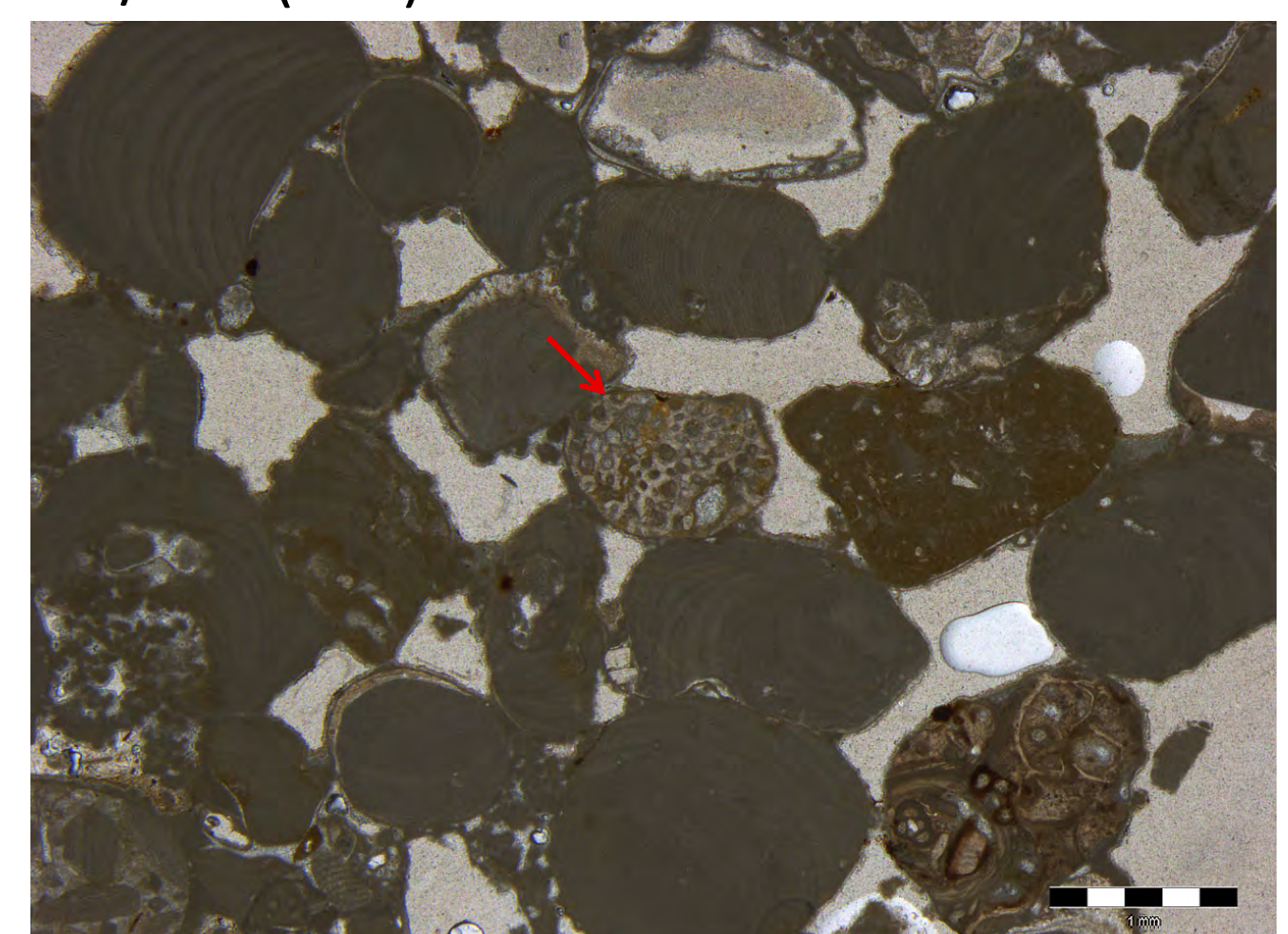
Badenian: Among bioclasts ?decapods (red arrow), and cyanobacteria in holes of dissolved shells (blue arrows).

78/284 (288): PRINZ EUGEN HÖHE-W



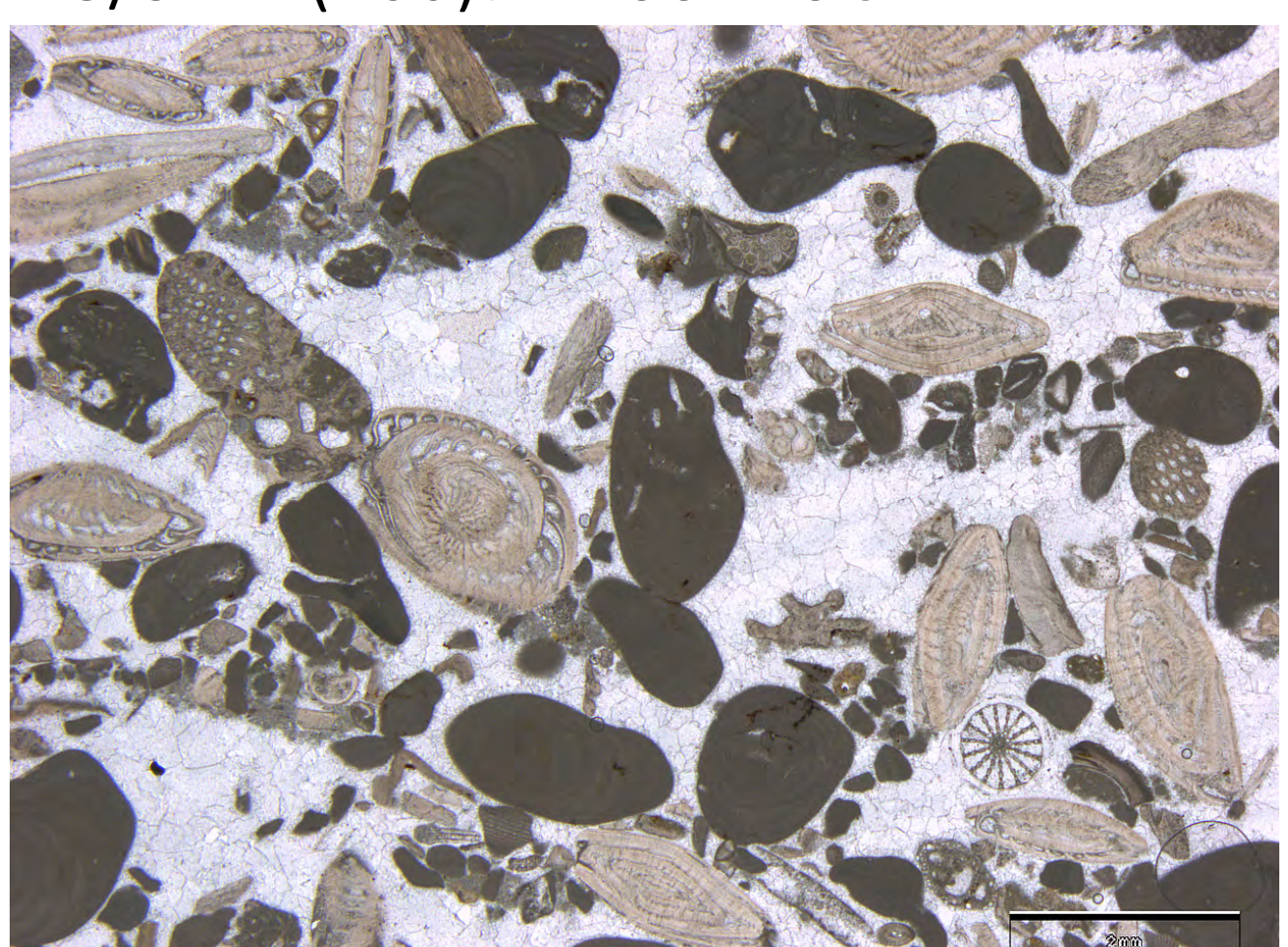
No indication of Badenian: Questionable Dasycladacean (arrow) in cyanophycean joined porous algae sediment.

78/284 (288): PRINZ EUGEN HÖHE-W



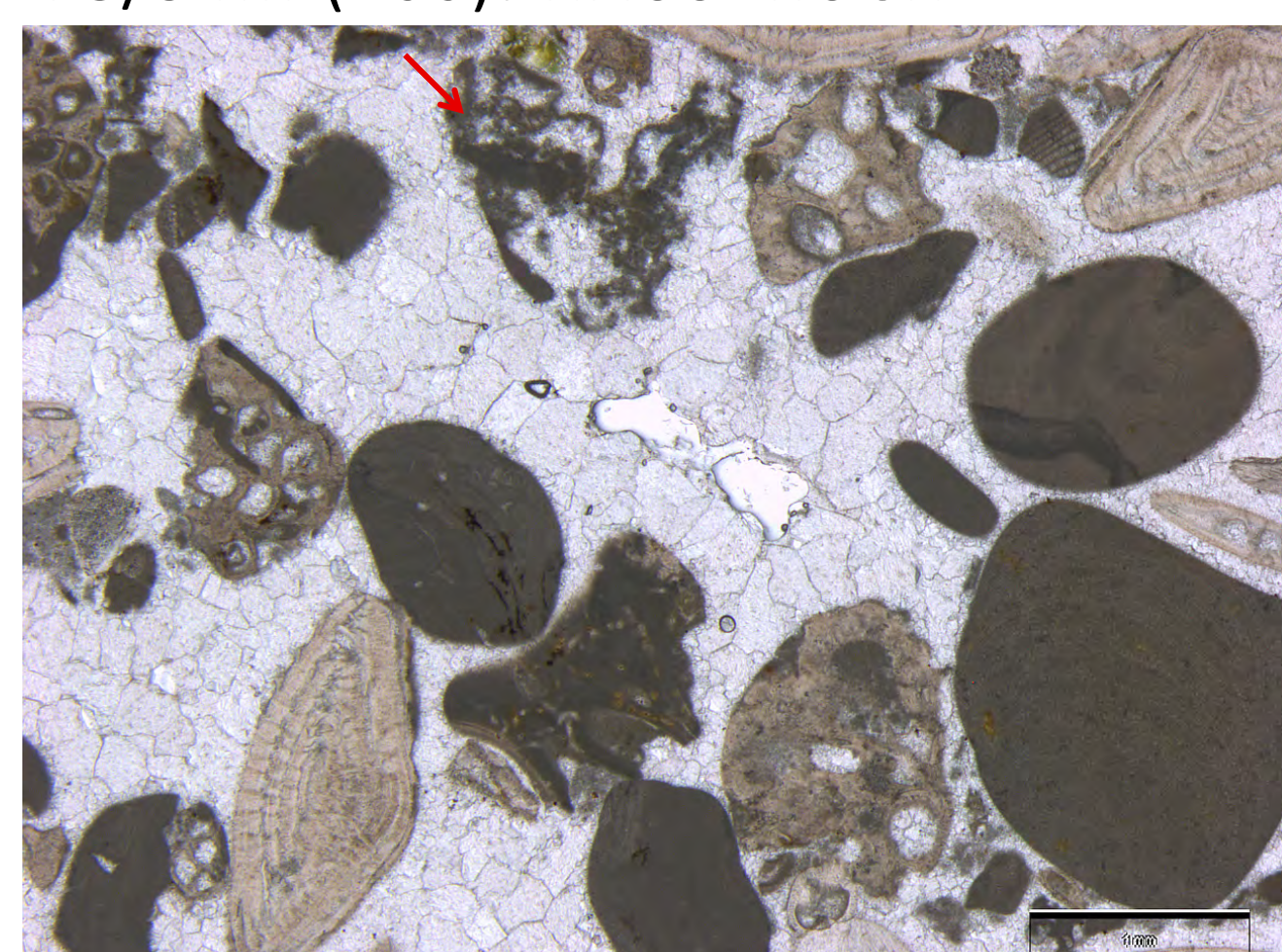
Sarmatian?: ?Micritized ooid-rims; questionable Dasycladacean (arrow); porous coralline limestone.

78/54M (266): HAUSBRUCH



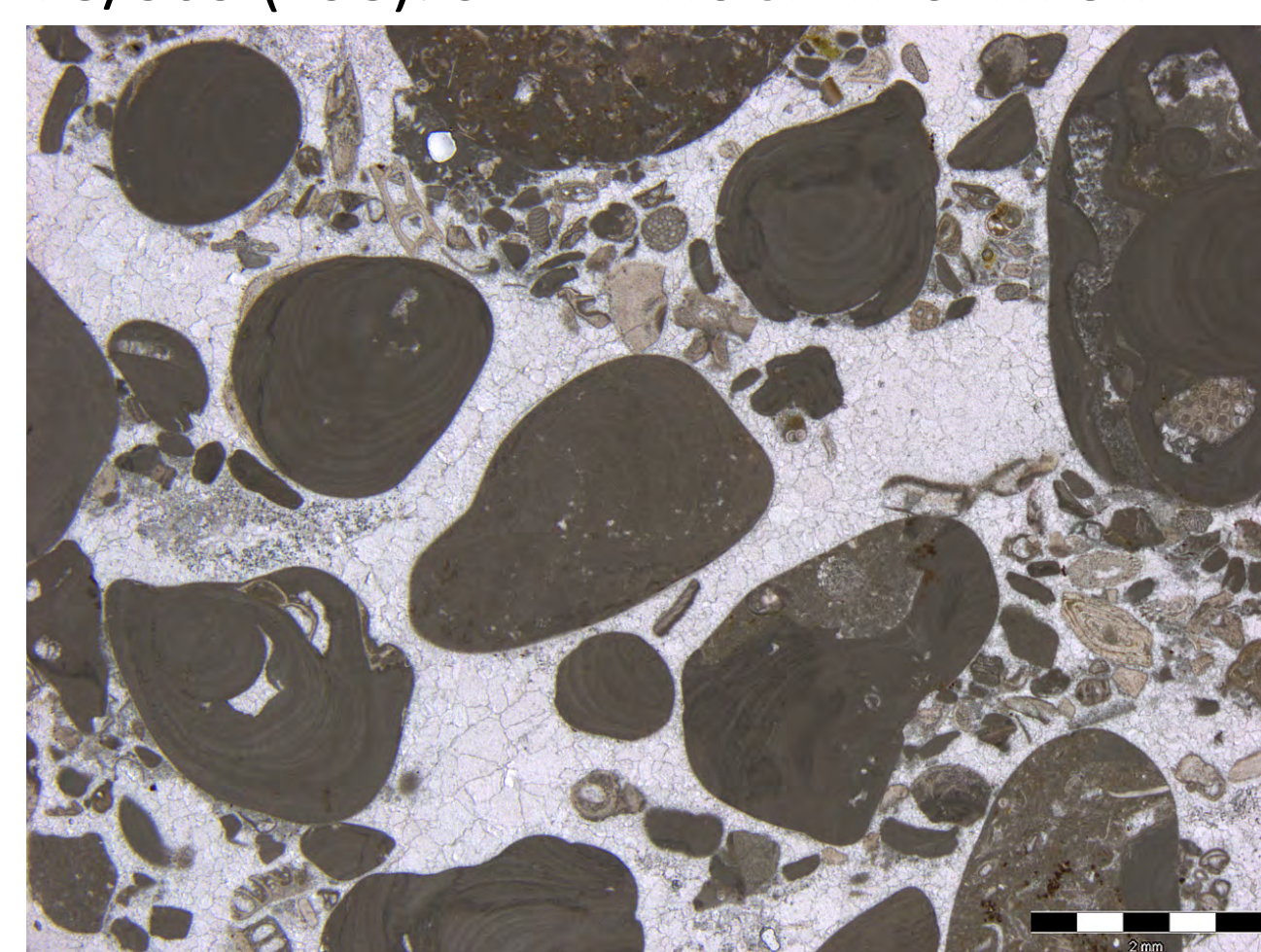
Badenian: Composed mainly of Amphistegina and coralline algae; ?removed aragonitic shells as former depositional surfaces.

78/54M (266): HAUSBRUCH



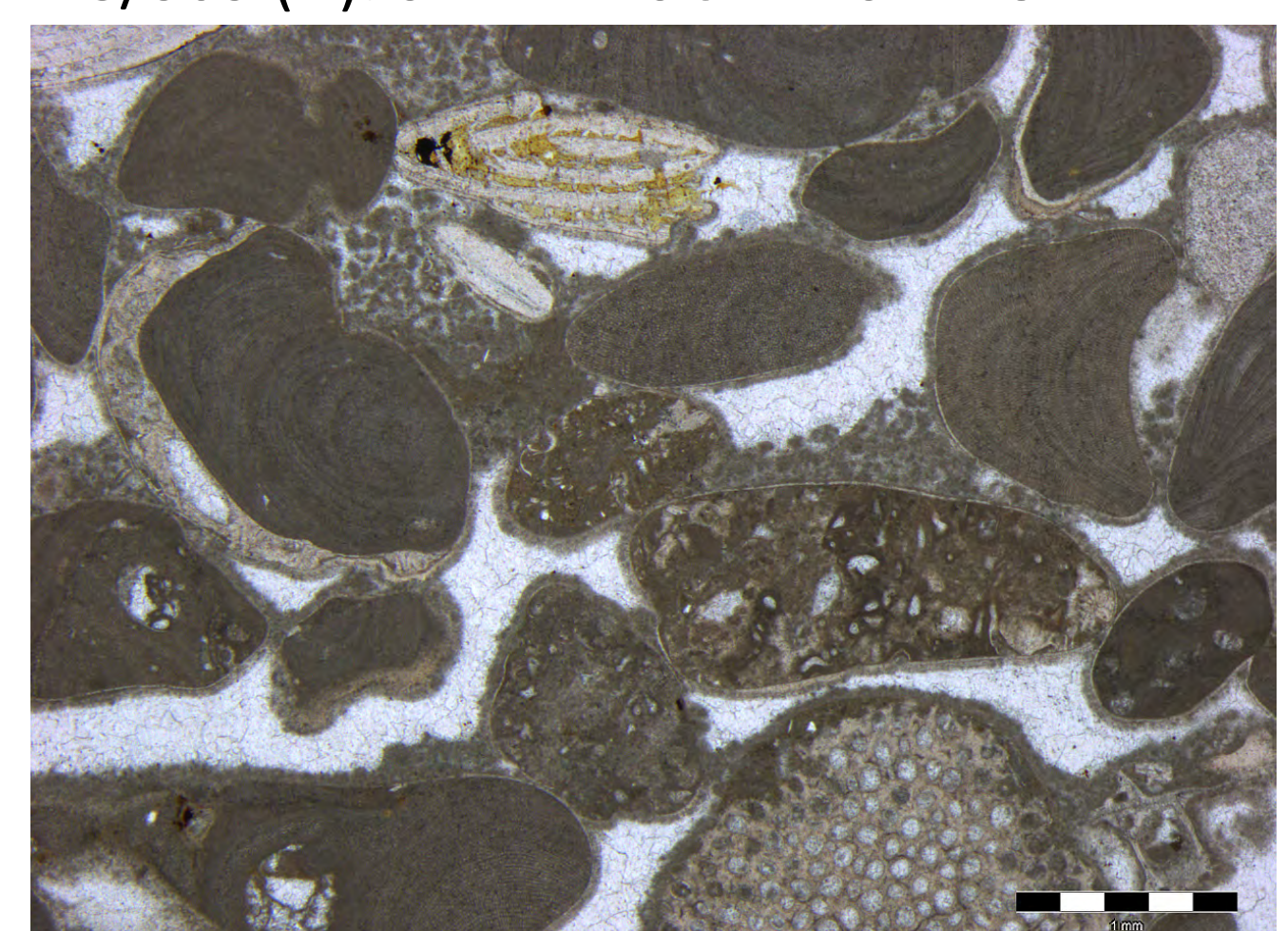
Badenian: Within the coarse drusy/blocky cements grew Bacinella filaments.

78/305 (298): STEINBRUCH RESERVOIR



Badenian redeposited?: Bimodal grain size; finer particles as internal sediment partly deposited on removed shells, well cemented.

78/305 (H): STEINBRUCH RESERVOIR



Sarmatian?: ?Micritized ooid-rims and old dripstone cements, peloidal internal sediment; entirely cemented.