DIGITAL REPOSITORY & INTERACTIVE THIN-SECTION / ACETATE PEELS GALLERY

Project Title: Interactive high-resolution thin-section gallery for Silurian rugose coral *Schlotheimophyllum patellatum* (Gotland, Sweden)

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Note: The present Dataset constitutes a second Supplement to the paper cited above.

ACCESS TO THE ONLINE INTERACTIVE GALLERY:

To browse, filter, and view all 225 high-resolution scans of thin sections and acetate peels,
please visit the official live database hosted at:

https://tomaszw20.github.io/Schlotheimophyllum-Gotland/

ABOUT THIS DATASET:

Due to the high resolution and large cumulative file size of the 225 paleontological scans, the data cannot be efficiently hosted directly on ResearchGate. Instead, a custom-built, fast, and responsive user interface has been deployed via GitHub Pages.

FEATURES OF THE ONLINE GALLERY:

- High-Resolution Viewing: Examine fine morphological details and growth lines of *Schlotheimophyllum patellatum*.
- Multi-Locational Filtering: Easily filter specimens by stratigraphy and key Gotland localities (Ireviken, Hallshuk, Högklint/Ygne, Lickershamn).
- Specimen Search: Fast search by specific GIUS collection numbers and section types.

NOTE ON SPECIMEN CONCORDANCE (CORRIGENDA):

Please note that for optimal growth-series sequencing and batch handling in the live database, the specimen IDs have been re-arranged compared to the original printed ASGP Supplementary Material.

A complete, active Concordance Table mapping the printed dataset to the live URL IDs is accessible directly inside the online gallery by clicking the "Addenda / Corrigenda" button in the header.

CONTACT & CITATION:

For inquiries regarding the collection or methodologies, please contact the authors via ResearchGate or the University of Silesia in Katowice. To cite these digital assets, please use the official Zenodo DOI assigned to the repository. The present material is hosted by the University of Silesia in Katowice and is licensed under Creative Commons Attribution 4.0 International (CC BY 4.0).