ZITTELIANA

96 2022

Dhirendra Kumar Pandey, Franz T. Fürsich,
Matthias Alberti, Ranajit Das, Federico Olóriz Sáe:

First population-level study of the ammonite genus *Hildoglochiceras* Spath, and the Lower Tithonian record of the Hildoglochiceras Horizon in the Kachchh Basin, India

Werner Schwarzhans, Helmut Keupp

Early teleost otolith morphogenesis observed in the Jurassic of Franconia, Bavaria, southern Germany

51

Volker Dietze, Andreas Hofbauer, Hans Rieber, Norbert Wannenmacher, Günter Schweigert

Ammonites and stratigraphy of the Achdorf Formation (Braunjura Group; Aalenian) at the Wochenberg hill near Schömberg-Schörzingen (W Swabian Alb, SW Germany)

69

Werner Schwarzhans, Fumio Ohe, Yuki Tsuchiya, Atsushi Ujihara

Lanternfish otoliths (Myctophidae, Teleostei) from the Miocene of Japan

103

Franz-Josef Scharfenberg, Helmut Keupp, Johann Schobert

A possible terrestrial egg cluster in driftwood from the Lower Jurassic (Late Pliensbachian) of Buttenheim (Franconia, Germany)

135

Michael Krings

An unusual specimen of the enigmatic fungal reproductive unit Windipila spinifera from the Lower Devonian Rhynie cherts of Scotland

145

Franz T. Fürsich, Matthias Alberti, Dhirendra K. Pandey, Wagih S. Ayoub-Hannaa

Jurassic bivalves from the Spiti area of the Himalayas, northern India

153

Joachim Gründel, Helmut Keupp, Fritz Lang, Alexander Nützel

Late Jurassic (Upper Kimmeridgian) Heterobranchia (Gastropoda) of the coral-facies of Saal near Kelheim and the viciniy of Nattheim (Germany)

179











ISSN 2747-8106 (online) | ISSN 2512-5338 (print) Zitteliana 96 2022, 1–221



Focus and Scope

Zitteliana is an open-access, online + print, peer-reviewed scientific journal that publishes original articles, short contributions, and reviews on all aspects of palaeontology and geobiology. The journal welcomes both modern and traditional research outputs, including palaeobiology, geobiology, palaeogenomics, biodiversity, stratigraphy, sedimentology, regional geology, systematics, phylogeny, and cross-disciplinary studies of these areas. All contributions must be written in English. A printed version of the journal will be produced in annual volumes. Zitteliana is one of the open-access publication platforms of the Bavarian Natural History Collections (Staatliche Naturwissenschaftliche Sammlungen Bayerns, SNSB).

Open Access Policy

This journal provides immediate open access to its content on the principle that making research freely available to the public supports a greater global exchange of knowledge.

Peer Review Policy

This journal uses a single-blind peer review process. This means that the names of reviewers are hidden from the authors (the author does not know the identity of the reviewer, but the reviewer knows the identity of the author). Notwithstanding that, the reviewers are encouraged to disclose their identities, if they wish to do so. Each article is reviewed by at least two independent experts, with a final decision on acceptance being made by the Subject Editor / Editor-in-Chief. Front-matter articles, such as editorials, correspondence, biographies, and similar articles, can be published after editorial evaluation only.

Dryad Repository Submissions

This journal is integrated with the Dryad Digital Repository to make data publication simple and easy for authors. There is a \$120 Data Publishing Charge for Dryad submissions, payable via the Dryad website. For more information, please see their FAQ.

Copyright Transfers

Any usage rights are regulated through the Creative Commons License. Since Pensoft Publishers is using the Creative Commons Attribution License (CC BY 4.0), anyone (the author, their institution/company, the publisher and the public) is free to copy, distribute, transmit and adapt the work as long as the original author is credited (see above). Therefore, specific usage rights cannot be reserved by the author or their institution/company and the publisher cannot include a statement "all rights reserved" in any published paper.

Privacy Statement

The personal information used on this website is to be used exclusively for the stated purposes of this journal. It will not be made available for any other purpose or to any other party.

Free Open Access

Thanks to the generous support of the Bavarian Natural History Collections (Staatliche Naturwissenschaftliche Sammlungen Bayerns, SNSB) the publication in Zitteliana is free of charge.