REPORT

British Triassic palaeontology: literature supplement 44

Since the completion of the previous supplement on British Triassic palaeontology (No. 43, *Mercian Geologist*, **20**, 145-146) the following works on or relating to aspects of that subject have appeared or come to the compiler's notice.

Apaldetti, C. *et al*. 2021. Sauropod evolution across the Triassic-Jurassic boundary: body size, locomotion, and their influence on morphological disparity. *Nature Scientific Reports*, **11**: 22534, 11 pp.

Ballell, A., Rayfield, E.J. & Benton, M.J. 2022. Walking with early dinosaurs: appendicular myology of the Late Triassic sauropodomorph *Thecodontosaurus antiquus*. *Royal Society Open Science*, **9**: 211356, 27 pp.

Barnasch, J., Geluk, M.C. & Warrington, G. 2021. Die Trias im westlichen Germanischen Becken: England, Niederlande und Nordsee. *In*: Hauschke, N., Franz, M. & Bachmann, G.H. (eds) *Trias – Aufbruch in das Erdmittelalter*, Bd. **1**, 109-120. München: Verlag Dr. Friedrich Pfeil.

Beith, S.J. *et al*. 2021. Recurring photic zone euxinia in the northwest Tethys impinged end-Triassic extinction recovery. *Palaeogeography, Palaeoclimatology, Palaeoecology*, **584**: 110680, 15 pp.

Bestwick, J. *et al*. 2022. Relative skull size evolution in Mesozoic archosauromorphs: potential drivers and morphological uniqueness of erythrosuchid archosauriforms. *Palaeontology*, **65** (3), 12599, 23 pp.

Bishop, P.J. *et al*. 2020. Relationships of mass properties and body proportions to locomotor habit in terrestrial Archosauria. *Paleobiology*, **46**, 550-568.

Boomer, I. *et al*. 2021. Lower Jurassic (Hettangian-Pliensbachian) microfossil biostratigraphy of the Ballinlea-1 well, Rathlin Basin, Northern Ireland, United Kingdom. *Proc. Geol. Assoc.*, **132**, 657-666.

Boomer, I. *et al*. 2021. Stratigraphy, palaeo-environments and geochemistry across the Triassic-Jurassic boundary transition at Carnduff, County Antrim, Northern Ireland. *Proc. Geol. Assoc.*, **132**, 667-687.

Burgess, R., Jolley, D. & Hartley, A. 2021. Stratigraphic palynology of the Mid-Late Triassic successions of the Central North Sea. *Petroleum Geoscience*, **27** (1), 2019-128, 24 pp.

Burgess, R., Jolley, D. & Hartley, A. 2022. Palaeoenvironmental reconstruction of Triassic floras from the Central North Sea. *Journal of the Geological Society*, **179**, 2021-071, 17 pp.

Burley, S. & Radley, J. 1922. Geoconservation partnerships enable restoration of Arden Sandstone outcrops in the English Midlands. *Earth Heritage*, **57**, 45-48.

Chambi-Trowell, S.A.V. *et al*. 2021. The diversity of Triassic South American sphenodontians: a new basal form, clevosaurs, and a revision of rhynchocephalian phylogeny. *Journal of Systematic Palaeontology*, **19**, 787-820.

Chambi-Trowell, S.A.V. *et al*. 2021. Phylogenetic relationships of the European trilophosaurids *Tricuspisaurus thomasi* and *Variodens inopinatus*. *Journal of Vertebrate Paleontology*, **41** (4), 1999250, 12 pp.

Coram, R.A., Radley, J.D. & Benton, M.J. 2021. Triassic tragedy – a bone bed in the Otter Sandstone of East Devon, south-west England. *Geology Today*, **37**, 176-183.

Donovan, S.K. 2021. *Chirotherium* is a beer. *Ichnos*, **28**, 257.

Falkingham, P.L., Maidment, S.C.R. *et al*. 2022. Late Triassic dinosaur tracks from Penarth, south Wales. *Geological Magazine*, **159**, 821-832.

Fox, C.P. *et al*. 2020. Molecular and isotopic evidence reveals the end-Triassic carbon isotope excursion is not from massive exogenous light carbon. *Proceedings of the National Academy of Sciences, USA*, **117**, 30171-30178.

Fox, C.P. *et al*. 2022. Flame out! End-Triassic mass extinction polycyclic aromatic hydrocarbons reflect more than just fire. *Earth & Planetary Science Letters*, **584**, 117418, 13 pp.

Fox, C.P. *et al*. 2022. Two-pronged kill mechanism at the end-Triassic mass extinction. *Geology*, **50**, 448-453.

Jeram, A.J. *et al*. 2021. Carbon isotopes, ammonites and earthquakes: key Triassic-Jurassic boundary events in the coastal sections of south-east County Antrim, Northern Ireland, UK. *Proc. Geol. Assoc.*, **132**, 702-725.

Klausen, T.G. *et al*. 2020. Geological control on dinosaurs' rise to dominance: Late Triassic ecosystem stress by relative sea level change. *Terra Nova*, **32**, 434-441.

Laborde-Casadaban, M. *et al*. 2021. Do soft sediment deformations in the Late Triassic and Early Jurassic of the UK record seismic activity during the break-up of Pangea? *Proc. Geol. Assoc.* **132**, 688-701.

Marsh, A.D. & Parker, W.G. 2020. New dinosauromorph specimens from Petrified Forest National Park and a global biostratigraphic review of Triassic dinosauromorph body fossils. *PaleoBios*, **37**, 50859: 56 pp.

Opazo, L.F. & Page, K.N. 2021. Palaeoecological patterns of change in marine invertebrate faunas across the End-Triassic mass extinction event: evidence from Larne, Northern Ireland. *Proc. Geol. Assoc.*, **132**, 726-742.

Raine, R. *et al*. 2021. Uppermost Triassic to Lower Jurassic sediments of the island of Ireland and its surrounding basins. *Proc. Geol. Assoc.*, **132**, 627-640.

Raine, R. *et al*. 2021. Uppermost Triassic to Lower Jurassic stratigraphy in the Lough Foyle Basin of County Londonderry, Northern Ireland. *Proc. Geol. Assoc.*, **132**, 641-656.

Riding, R. B. 2020. The literature on Triassic, Jurassic and Cretaceous dinoflgellate cysts: supplement four. *Palynology*, **44**, 743-756.

Simms, M.J. 2021. Fossil echinoderms from the Triassic and Jurassic of Ireland. *Proc. Geol. Assoc.*, **132**, 764-770.

Spiekman, S.N.F., Fraser, N.C. & Scheyer, T.M. 2021. A new phylogenetic hypothesis for Tanystropheidae (Diapsida, Archosauromorpha) and other "protorosaurs", and its implications for the early evolution of stem archosaurs. *PeerJ*, **9**: 11143, 174 pp.

Sulej, T. *et al*. 2020. The earliest-known mammaliaform fossil from Greenland sheds light on origin of mammals. *Proceedings of the National Academy of Sciences, USA*, **117** (43), 26861-26867.

Warrington, G. & Pollard, J.E. 2021. On the records of the brachiopod '*Lingula*' and associated fossils in Mid-Triassic deposits in England. *Proceedings of the Yorkshire Geological Society*, **63**, 319-327.

Williams, H. *et al*. 2002. Microvertebrates from the Rhaetian bone beds at Westbury Garden Cliff, near Gloucester, UK. *Proc. Geol. Assoc.*, **133**, 119-136.

Geoffrey Warrington
School of Geography, Geology & the Environment, University of Leicester, Leicester LE1 7RH
gwarrington@btinternet.com