

British Triassic palaeontology: literature supplement 40

Since the completion of the previous supplement on British Triassic palaeontology (No. 39, *Mercian Geologist*, **19**, 121) the following works on or relating to aspects of that subject have appeared or come to the compiler's notice.

- Barth, G., Franz, M., Heunisch, C., Ernst, W., Zimmermann, J. & Wolfgramm, M., 2018. Marine and terrestrial sedimentation across the T-J transition in the North German Basin. *Palaeogeography, Palaeoclimatology, Palaeoecology*, **489**, 74-94.
- Button, D.J., Barrett, P.M. & Rayfield, E.J., 2017. Craniodental functional evolution in sauropodomorph dinosaurs. *Paleobiology*, **43**: 435-462.
- Cavicchini, I., Heyworth, H.C., Duffin, C.J., Hildebrandt, C. & Benton, M.J., 2018. The Rhaetian microvertebrate fauna from Stowey Quarry, Somerset, U.K. *Proc. Geol. Assoc.*, **129**, 144-158.
- Chambi-Trowell, S.A.V., 2017. An enigmatic early diapsid from the Late Triassic of England. *Palaeontological Association N/L.*, **96**, 85-87.
- Cope, J.C.W., 2017. *Geology of the South Devon coast from the Dorset county boundary to the Brixham area*. Geologists' Association Guide, 73, 122pp.
- Herrera-Flores, J.A., Stubbs, T.L., Elsler, A. & Benton, M.J., 2018. Taxonomic reassessment of *Clevosaurus latidens* Fraser, 1993 (Lepidosauria, Rhynchocephalia) and rhynchocephalian phylogeny based on parsimony and Bayesian inference. *Journal of Paleontology*, **92**, 734-742.
- Keeble, E., Whiteside, D.I. & Benton, M.J., 2018. The terrestrial fauna of the Late Triassic Pant-y-ffynon Quarry fissures, South Wales, UK and a new species of *Clevosaurus* (Lepidosauria: Rhynchocephalia). *Proc. Geol. Assoc.*, **129**, 99-119.
- Kelly, R.S., Ross, A.J. & Davidson, P., 2017. Mesozoic *Holcoptera* (Coleoptera: Coptoclavidae) from England and the United States. *Proc. Geol. Assoc.*, **128**, 659-674.
- Kelly, R.S., Ross, A. J. & Jarzembowski, E.A., 2018. Earwigs (Dermaptera) from the Mesozoic of England and Australia, described from isolated tegmina, including the first species to be named from the Triassic. *Earth and Environmental Science Transactions of the Royal Society of Edinburgh*, **107**, 129-143.
- Lomax, D.R., De la Salle, P., Massare, J.A. & Gallois, R., 2018. A giant Late Triassic ichthyosaur from the UK and a reinterpretation of the Aust Cliff 'dinosaurian' bones. *PLoS ONE*, **13**, e0194742, 16pp.
- Lomax, D.R., Evans, M. & Carpenter, S., 2018. An ichthyosaur from the UK Triassic–Jurassic boundary: a second specimen of the leptonectid ichthyosaur *Wahlisaurus massarae* Lomax 2016. *Geological Journal*, doi.org/10.1002/gj3155.
- Lucas, S.G., 2018 Permian tetrapod biochronology, correlation and evolutionary events. *Geological Society, London, Special Publication*, 450, 405-444.
- Lucas, S.G., 2018. Late Triassic terrestrial tetrapods: biostratigraphy, biochronology and biotic events. *Topics in Geobiology*, **46**, 351-405.
- Massare, J.A. & Lomax, D.R., 2018. A taxonomic reassessment of *Ichthyosaurus communis* and *I. intermedius* and a revised diagnosis for the genus. *J. Systematic Palaeontology*, **16**, 263-277.
- McKie, T., 2017. Paleogeographic evolution of latest Permian and Triassic salt basins in northwest Europe. In: Soto, J.I., Flinch, J.F. & Tari, G. (eds), *Permo-Triassic salt provinces of Europe, North Africa and the Atlantic margins*. Amsterdam: Elsevier, 159-173.
- Mouritzen, C., Farris, M.A., Morton, A. & Matthews, S., 2018. Integrated Triassic stratigraphy of the greater Culzean area, UK Central North Sea. *Petroleum Geoscience*, **24**, 197-207.
- Newell, A.J., 2018. Rifts, rivers and climate recovery: a new model for the Triassic of England. *Proc. Geol. Assoc.*, **129**, 352-371.
- Newell, A.J. & Shariatipour, S.M., 2016. Linking outcrop analogue with flow simulation to reduce uncertainty in sub-surface carbon capture and storage: an example from the Sherwood Sandstone Group of the Wessex Basin, UK. *Geological Society, London, Special Publication*, 436, 231-246.
- O'Brien, A., Whiteside, D.A. & Marshall, J.E.A., 2018. Anatomical study of two previously undescribed specimens of *Clevosaurus hudsoni* (Lepidosauria: Rhynchocephalia) from Cromhall Quarry, UK, aided by computer tomography, yields additional information on the skeleton and hitherto undescribed bones. *Zoological J. Linnean Society*, **183**, 163-195.
- Pancioli, E., 2018. The Elgin reptile quarries: should they still be designated as SSSIs? *Earth Heritage*, 49, 48-50.
- Ruffell, A., Benton, M., Simms, M.J., Tucker, M.E. & Wignall, P.B., 2018. Evaporite dissolution in the North Curry Sandstone Member (Dunscombe Mudstone Formation, Late Triassic Mercia Mudstone Group), Taunton Deane (Somerset), S. England. *Geoscience in South-West England*, **14**, 188-193.
- Soszyńska-Maj, A., Krzemiński, W., Kopec, K. & Coram, R.A., 2018. Worcestobiidae – a new Triassic family of Mecoptera, based on species removed from the family Orthophlebiidae. *Earth and Environmental Science Transactions of the Royal Society of Edinburgh*, **107**, 145-149.
- Vidovic, S.U. & Martill, D.M., 2018. The taxonomy and phylogeny of *Diopecephalus kochi* (Wagner, 1837) and '*Germanodactylus rhamphastinus*' (Wagner, 1851). *Geological Society, London, Special Publication*, 455, 125-147.
- Whiteside, D.I., Duffin, C.J. & Furrer, H., 2017. The Late Triassic lepidosaur fauna from Hallau, north-eastern Switzerland, and a new 'basal' rhynchocephalian *Deltadectes elvetica* gen. et sp. nov. *Neues Jahrbuch für Geologie und Paläontologie Abhandlungen*, **285**, 53-74.

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