REPORT

British Triassic palaeontology: literature supplement 43

Since the completion of the previous supplement on British Triassic palaeontology (No. 42, *Mercian Geologist*, **20**, 69-70) the following works on or relating to aspects of that subject have appeared or come to the compiler's notice.

Ballell, A., Logan King, J., Neenan, J. M., Rayfield, E. J. & Benton, M. J. 2021. The braincase, brain and palaeobiology of the basal sauropodomorph dinosaur *Thecodontosaurus antiquus*. *Zoological Journal of the Linnean Society*, **193**, 541-562.

Ballell, A., Rayfield, E. J. & Benton, M. J. 2020. Osteological redescription of the Late Triassic sauropodomorph dinosaur *Thecodontosaurus antiquus* based on new material from Tytherington, southwestern England. *Journal of Vertebrate Paleontology*, **40**. DOI: 10.1080/02724634.2020.1770774. 24 pp.

Belén von Baczko, M., Desojo, J. B. & Ponce, D. 2019. Postcranianl anatomy and osteoderm histology of *Riojasuchus tenuisceps* and a phylogenetic update on Ornithosuchidae (Archosauria, Pseudosuchia). *Journal of Vertebrate Paleontology*, **39**. DOI: 10.1080/02724634.2019.1693396. 25pp.

Cavicchini, I., Zaher, M. & Benton, M. J. 2020. An enigmatic neodiapsid reptile from the Middle Triassic of England. *Journal of Vertebrate Paleontology*, **40**. DOI: 10.1080/02724634.2020.1781143. 18pp.

Chambi-Trowell, S. A. V., Whiteside, D. I., Benton, M. J. & Rayfield, E. J. 2020. Biomechanical properties of the jaws of two species of *Clevosaurus* and a reanalysis of rhynchocephalian dentary morphospace. *Palaeontology*, **63**, 919-939.

Cueille, M., Green, E., Duffin, C. J., Hildebrandt, C. & Benton, M. J. 2020. Fish and crab coprolites from the latest Triassic of the UK: from Buckland to the Mesozoic Marine Revolution. *Proceedings of the Geologists' Association*, **131**, 699-721.

Foffa, D., Butler, R. J., Nesbitt, S. J., Walsh, S., Barrett, P. M., Brusatte, S. L. & Fraser, N. C. 2020. Revision of *Erpetosuchus* (Archosauria: Pseudosuchia) and new erpetosuchid material from the Late Triassic 'Elgin Reptile' fauna based on µCT scanning techniques. *Earth and Environmental Science Transactions of the Royal Society of Edinburgh*, **111**, 209-233.

Gallois, R. & Thompson, S. 2020. Seismically induced dewatering structures in the oldest (Rhaetian, Triassic) part of the Blue Lias formation at Lyme Regis, UK. *Proceedings of the Geologists' Association*, **131**, 595-600.

Geluk, M., Röhling, H.-G. & Warrington, G. 2020. Muschelkalk in the southern North Sea region, German North Sea sector, the Netherlands, northeast Belgium and east England. *In*: Deutsche Stratigraphische Kommission (eds Hagdorn, H., Simon, T., für die Subkommission Perm–Trias). Stratigraphie von Deutschland XIII. Muschelkalk. *Schriftenreihe der deutschen Gesellschaft für Geowissenschaften*, **91**, 1136-1151.

Heinrich, C., Paes Neto, V. D., Lacerda, M. B., Martinelli. A. G., Fiedler, M. S. & Schultz, C. L. 2021. The ontogenetic pattern of neurocentral suture closure in the axial skeleton of Hyperodapedontinae (Archosauromorpha, Rhynchosauria) and its evolutionary implications. *Palaeontology*, **64**, 409-427.

Hodges, P. 2021. A new ammonite from the Penarth Group, South Wales and the base of the Jurassic System in SW Britain. *Geological Magazine*, **158**, 1109-1114.

Ivanov, A. O., Duffin, C. J. & Richter, M. 2021. Youngest jalodontid shark from the Triassic of Europe and revision of the Jalodontidae. *Journal of Vertebrate Paleontology*, **41**. DOI: 10.1080/02724634.2021.1931259. 14 pp.

Larkin, N.R., Duffin. C.J., Dey, S., Stukins, S. & Falkingham, P. 2020. The first tetrapod track recorded from the Rhaetian in the British Isles. *Proceedings of the Geologists' Association*, **131**, 722-729.

Lovegrove, J., Newell, A. J., Whiteside, D. I. & Benton, M. J. 2021. Testing the relationship between marine transgression and evolving island palaeogeography using 3D GIS: an example from the Late Triassic of SW England. *Journal of the Geological Society, London*, **178**, doi.org/10.1144/jgs2020-158. 19 pp.

Marsh, A. D., Smith, A. E., Parker, W. G., Irmis, R. B. & Kligman, B. T. 2020. Skeletal anatomy of *Acaenasuchus geoffreyi* Long and Murry, 1955 (Archosauria: Pseudosuchia) and its implications for the origin of the aetosaurian carapace. *Journal of Vertebrate Paleontology*, **40**. DOI: 10.1080/02724634.2020.1794885. 26pp.

Moreau, M., Duffin, C. J., Hildebrandt, C., Hutchinson, D., Parker, A., Carpenter, S. & Benton, M. J. 2021. Microvertebrates from the Rhaetian basal bone bed of Saltford, near Bath, SW England. *Proceedings of the Geologists' Association*, **132**, 174-187.

Petryshyn, V. A., Greene, S. E., Farnsworth, A., Lunt, D. J., Kelley, A., Gammariello, R., Ibarra, Y., Bottjer, D. J., Tripati, A. & Corsetti, F. A. 2020. The role of temperature in the initiation of the end-Triassic mass extinction. *Earth-Science Reviews*, **208**, doi.org/10.1016/j.earscirev.2020.103266. 13pp.

Reyes, W. A., Parker, W. G. & Marsh, A. D. 2020. Cranial anatomy and dentition of the aetosaur *Typothorax coccinarum* (Archosauria: Pseudosuchia) from the Upper Triassic (Revueltian-mid Norian) Chinle Formation of Arizona. *Journal of Vertebrate Paleontology*, **40**. DOI: 10.1080/02724634.2020.1876080. 17pp.

Romano, M., Bernadi, M., Petti, F. M., Rubidge, B., Hancox, J. & Benton, M. J. 2020. Early Triassic terrestrial tetrapod fauna: a review. *Earth-Science Reviews*, **210**, doi.org/10.1016/j.earscirev.2020.103331. 40pp.

Ronan, J., Duffin. C. J., Hildebrandt, C., Parker, A., Hutchinson, D., Copp, C. & Benton, M. J. 2020. Beginning of Mesozoic marine overstep in the Mendips: the Rhaetian and its fauna at Hapsford Bridge, Vallis Vale, Somerset, UK. *Proceedings of the Geologists' Association*, **131**, 578-594.

Skinner, M., Whiteside, D. I. & Benton, M. J. 2020. Late Triassic island dwarfs? Terrestrial tetrapods of the Ruthin fissure (South Wales, UK) including a new genus of procolophonid. *Proceedings of the Geologists' Association*, **131**, 535-562.

Spiekman, S. N. F., Ezcurra, M. D., Butler, R. J., Fraser, N. C. & Maidment, S. C. R. 2021. *Pendraig milnerae*, a new small-sized coelophysoid theropod from the Late Triassic

of Wales. *Royal Society Open Science*, **8**, doi.org/10.1098/rsos.210915. 27 pp.

Sues, H.-D. & Kligman, B. T. 2020. A new lizard-like reptile from the Upper Triassic (Carnian) of Virginia and the Triassic record of Lepidosauromorpha (Diapsida, Sauria). *Journal of Vertebrate Paleontology*, **40**. DOI: 10.1080/02724634.2021.1879102. 11 pp.

Walkden, G. M., Fraser, N. C. & Simms, M. J. 2021. The age and formation mechanisms of Late Triassic fissure deposits, Gloucestershire, England: comments on Mussini, G. et al. (2020). Anatomy of a Late Triassic Bristol fissure: Tytherington fissure 2. *Proceedings of the Geologists' Association*, **132**, 127-137.

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Wignall, P. B. & Atkinson, J. W. 2020. A two-phase end-Triassic mass extinction. *Earth-Science Reviews*, **208**, doi.org/10.1016/j.earscirev.2020.103282. 16pp.

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