REPORT

British Triassic palaeontology: new literature supplement 36

Since the completion of the previous supplement (No. 35; *Mercian Geologist*, **18**, 144) on British Triassic palaeontology the following works on or relating to aspects of that subject have been published or have come to the compiler's notice.

Ambrose, K., 2013. Breedon Hill. *Merc. Geol.*, **18**, 139-143.

Ambrose, K., Hough, E., Smith, N.J.P. & Warrington, G., 2014. Lithostratigraphy of the Sherwood Sandstone Group of England, Wales and south-west Scotland. *Brit. Geol. Surv. Research Report*, RR/14/01, 50pp.

Arche, A. & López-Gómez, J., 2014. The Carnian pluvial event in western Europe: new data from Iberia and correlation with the western Neotethys and eastern North America-NW Africa regions. *Earth Science Reviews*, **128**, 196-231.

Baczko, M.B.von & Ezcurra, M.D., 2013. Ornithosuchidae: a group of Triassic archosaurs with a unique ankle joint. 187-202 *in* Nesbitt, *q.v.*

Bennett, S.C., 2013. The phylogenetic position of the Pterosauria within the Archosauromorpha re-examined. *Historical Biology*, **25**, 545-563.

Bonaparte, J.F., 2013. Evolution of the Brasilodontidae (Cynodontia-Eucynodontia). *Historical Biology*, **25**, 643-653.

Clémence, M.-E. & Hart, M.B., 2013. Proliferation of Oberhauserellidae during the recovery following the Late Triassic extinction: paleoecological implications. *J. Paleontology*, **87**, 1004-1015.

Desojo, J.B., Heckert, A.B., Martz, J.W., Parker, W.G., Schoch, R.R., Small, B.J. & Sulej, T., 2013. Aetosauria: a clade of armoured pseudosuchians from the Upper Triassic continental beds. 203-239 *in* Nesbitt, *q.v.*

Dunhill, A.M., Benton, M.J., Twitchett, R.J. & Newell, A.J., 2014. Testing the fossil record: sampling proxies and scaling in the British Triassic-Jurassic. *Palaeogeography, Palaeoclimatology, Palaeoecology*, **404**, 1-11.

Gallois, R.W., 2013. Possible tetrapod burrows in the Mid Triassic Otter Sandstone Formation at Sidmouth, Devon, UK. *Geoscience in South-West England*, **13**, 208-215.

Hauser, L.M. & Martill, D.M., 2013. Evidence for coelacanths in the Late Triassic (Rhaetian) of England. *Proc. Geol. Assoc.*, **124**, 982-987.

Hillebrandt, A.v., Krystyn, L., Kürschner, W.M., Bonis, N.R., Ruhl, M., Richoz, S., Schobben, M.A.N., Urlichs, M., Bown, P.R., Kment, K., McRoberts, C.A., Simms, M. & Tomãsových, A., 2013. The Global Stratotype Sections and Point (GSSP) for the base of the Jurassic System at Kuhjoch (Karwendel Mountains, Northern Calcareous Alps, Tyrol, Austria). *Episodes*, **36**, 162-198.

Holliday, C.M. & Nesbitt, S.J., 2013. Morphology and diversity of the mandibular symphysis of archosauriforms. 555-571 *in* Nesbitt, *q.v.*

Hüsing, S.K., Beniest, A., van der Boon, A., Abels, A.H., Deenen, M.H.L., Ruhl, M. & Krijgsman, W., 2014. Astronomically-calibrated magnetostratigraphy of the Lower Jurassic marine successions at St. Audrie's Bay and East Quantoxhead (Hettangian-Sinemurian; Somerset, UK). *Palaeogeography, Palaeoclimatology, Palaeoecology*, **403**, 43-56.

Ibarra, Y., Corsetti, F.A., Greene, S.E. & Bottjer, D.J., 2014. Microfacies of the Cotham Marble: a tubestone carbonate microbialite from the Upper Triassic, southwestern U.K. *Palaios*, **29**, 1-15.

Irmis, R.B., Nesbitt, S.J. & Sues, H.-D., 2013. Early Crocodylomorpha. 275-302 *in* Nesbitt, *q.v.*

Klein, H. & Lucas, S.G., 2010. Review of the tetrapod ichnofauna of the Moenkopi Formation/Group (Early-Middle Triassic) of the American Southwest. *Bull. New Mexico Museum Natural History Science*, 50, 67pp.

King, M.J., Sargeant, W.A.S., Thompson, D.B. & Tresise, G., 2005. A revised systematic ichnotaxonomy and review of the vertebrate footprint ichnofamily Chirotheriidae from the British Triassic. *Ichnos*, **12**, 241-299.

Kürschner, W., Mander, L. & McElwain, J.C., 2014. A gymnosperm affinity for *Ricciisporites tuberculatus* Lundblad: implications for vegetation and environmental reconstructions in the Late Triassic. *Palaeodiversity Palaeoenvironments*, **94**, 295-305.

Langer, M.C., Nesbitt, S.J., Bittencourt, J.S. & Irmis, R.B., 2013. Non-dinosaurian Dinosauromorpha. 157-186 *in* Nesbitt, *q.v.*

Mander, L., Collinson, M.E., Chaloner, W.G., Brain, A.P.R. & Long, D.G., 2012. The ultrastructure and botanical affinity of the problematic mid-Mesozoic palynomorph *Ricciisporites tuberculatus* Lundblad. *Int. J. Plant Sciences*, **173**, 429-440.

Meloro, C. & Jones, M.E.H., 2012. Tooth and cranial disparity in the fossil relatives of *Sphenodon* (Rhynchocephalia) dispute the persistent 'living fossil' label. *J. Evolutionary Biology*, **25**, 2194-2209.

Nesbitt, S.J., Brusatte, S.L., Desojo, J.B., Liparini, A., de Franca, M.A.G., Weinbaum, J.C. & Gower, D.J., 2013. Rauisuchia. 241-274 *in* Nesbitt, *q.v.*

Nesbitt, S.J., Desojo, J.B. & Irmis, R.B. (eds), 2013. Anatomy, Phylogeny and Palaeobiology of Early Archosaurs and their Kin. *Geol. Soc. Spec. Publ.*, 379, 608pp.

Pugh, A.C., Danise, S. & Twitchett, R.J., 2013. Benthic ecosystem dynamics following the Late Triassic mass extinction event. *Palaeontological Assoc. N/L.*, **84**, 83-84.

Radley, J.D. & Coram, R.A., 2014. Bunter quartzites: remarkable journeys in time and space. *Geology Today*, **30**, 93-97.

Riding, J.B., 2013. The literature on Triassic, Jurassic and earliest Cretaceous dinoflagellate cysts: supplement 1. *Palynology*, **37**, 345-354.

Ros-Franch, S., Márquez-Aliaga, A. & Damborenea, S.E., 2014. Comprehensive database on Induan (Lower Triassic) to Sinemurian (Lower Jurassic) marine bivalve genera and their paleobiogeographic record. *University Kansas Paleontological Contribution*, **8**, 219pp.

Ruta, M., Angielczyk, K.D., Fröbisch, J. & Benton, M.J., 2013. Decoupling of morphological disparity and taxic diversity during the adaptive radiation of anomodont therapsids. *Proc. Roy. Soc.*, **B280** (1768), 20131971, 9pp.

Ruta, M., Botha-Brink, J., Mitchell, S.A. & Benton, M.J., 2013. The radiation of cynodonts and the ground plan of mammalian morphological diversity. *Proc. Roy. Soc.*, **B280** (1769), 20131865, 10pp.

Seyfullah, L.J., Kustatscher, E. & Taylor, W.A., 2013. The first discovery of in situ *Verrucosisporites applanatus* spores from the Middle Triassic flora from Bromsgrove (Worcestershire, UK). *Rev. Palaeobotany Palynology*, **197**, 15-25.

Stocker, M.R. & Butler, R.J., 2013. Phytosauria. 91-117 *in* Nesbitt, *q.v.*

Turner, A.H. & Nesbitt, S.J., 2013. Body size evolution during the Triassic archosauriform radiation. 573-597 *in* Nesbitt, *q.v.*

This is the latest bibliographic supplement in a series that was initiated following a review of British Triassic palaeontology (Warrington, 1976; *Proc. Ussher Soc.*, **3**, 341-353) and now contains over 700 items that reflect continuing interest and activity in the palaeontology of a succession that is usually regarded as unfossiliferous.

Previous supplements:
1–**10**: 1977–1986, *Proc. Ussher Soc.*, **4**(1)–**6**(3).
11–**33**: 1987–2009, *Albertiana* (the newsletter of the IUGS Subcommission on Triassic Stratigraphy, available at http://paleo.cortland.edu/albertiana/).
34–**35**: 2012, 2013, *Mercian Geologist* **18**(1), (2).

Geoffrey Warrington,
Geology Department, Leicester University LE1 7RH
gwarrington@btinternet.com