

Contents

Participants from the First Symposium of Early Archosaur Evolution	vii
NESBITT, S. J., DESOJO, J. B. & IRMIS, R. B. Anatomy, phylogeny and palaeobiology of early archosaurs and their kin	1
EZCURRA, M. D., BUTLER, R. J. & GOWER, D. J. ‘Proterosuchia’: the origin and early history of Archosauriformes	9
SOOKIAS, R. B. & BUTLER, R. J. Euparkeriidae	35
SUES, H.-D., DESOJO, J. B. & EZCURRA, M. D. Doswelliidae: a clade of unusual armoured archosauriforms from the Middle and Late Triassic	49
TROTTEYN, M. J., ARCUCCI, A. B. & RAUGUST, T. Proterochampsia: an endemic archosauriform clade from South America	59
STOCKER, M. R. & BUTLER, R. J. Phytosauria	91
DALLA VECCHIA, F. M. Triassic pterosaurs	119
LANGER, M. C., NESBITT, S. J., BITTENCOURT, J. S. & IRMIS, R. B. Non-dinosaurian Dinosauromorpha	157
VON BACZKO, M. B. & EZCURRA, M. D. Ornithosuchidae: a group of Triassic archosaurs with a unique ankle joint	187
DESOJO, J. B., HECKERT, A. B., MARTZ, J. W., PARKER, W. G., SCHOCH, R. R., SMALL, B. J. & SULEJ, T. Aetosauria: a clade of armoured pseudosuchians from the Upper Triassic continental beds	203
NESBITT, S. J., BRUSATTE, S. L., DESOJO, J. B., LIPARINI, A., DE FRANÇA, M. A. G., WEINBAUM, J. C. & GOWER, D. J. Rauisuchia	241
IRMIS, R. B., NESBITT, S. J. & SUES, H.-D. Early Crocodylomorpha	275
RAUGUST, T., LACERDA, M. & SCHULTZ, C. L. The first occurrence of <i>Chanaresuchus bonapartei</i> Romer 1971 (Archosauriformes, Proterochampsia) of the Middle Triassic of Brazil from the <i>Santacruzodon</i> Assemblage Zone, Santa Maria Formation (Paraná Basin)	303
NIEDŹWIEDZKI, G., BRUSATTE, S. L. & BUTLER, R. J. <i>Prorotodactylus</i> and <i>Rotodactylus</i> tracks: an ichnological record of dinosauromorphs from the Early–Middle Triassic of Poland	319
LANGER, M. C. & FERIGOLO, J. The Late Triassic dinosauromorph <i>Sacisaurus agudoensis</i> (Caturrita Formation; Rio Grande do Sul, Brazil): anatomy and affinities	353
SMALL, B. J. & MARTZ, J. W. A new aetosaur from the Upper Triassic Chinle Formation of the Eagle Basin, Colorado, USA	393
TABORDA, J. R. A., CERDA, I. A. & DESOJO, J. B. Growth curve of <i>Aetosauroides scagliai</i> Casamiquela 1960 (Pseudosuchia: Aetosauria) inferred from osteoderm histology	413

MASTRANTONIO, B. M., SCHULTZ, C. L., DESOJO, J. B. & GARCIA, J. B. The braincase of <i>Prestosuchus chiniquensis</i> (Archosauria: Suchia)	425
LIPARINI, A. & SCHULTZ, C. L. A reconstruction of the thigh musculature of the extinct pseudosuchian <i>Prestosuchus chiniquensis</i> from the <i>Dinodontosaurus</i> Assemblage Zone (Middle Triassic Epoch), Santa Maria 1 Sequence, southern Brazil	441
DE FRANÇA, M. A. G., LANGER, M. C. & FERIGOLO, J. The skull anatomy of <i>Decuriasuchus quartacolonía</i> (Pseudosuchia: Suchia: Loricata) from the middle Triassic of Brazil	469
PARKER, W. G. & NESBITT, S. J. Cranial remains of <i>Poposaurus gracilis</i> (Pseudosuchia: Puposauroidea) from the Upper Triassic, the distribution of the taxon, and its implications for poposauroid evolution	503
WEINBAUM, J. C. Postcranial skeleton of <i>Postosuchus kirkpatricki</i> (Archosauria: Paracrocodylomorpha), from the Upper Triassic of the United States	525
HOLLIDAY, C. M. & NESBITT, S. J. Morphology and diversity of the mandibular symphysis of archosauriforms	555
TURNER, A. H. & NESBITT, S. J. Body size evolution during the Triassic archosauriform radiation	573
Index	599