

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: Puposauroida) 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 |