Review focus
CLEMENTS, T., PURNELL, M. & GABBOTT, S. The Mazon Creek Lagerstätte: a diverse late Paleozoic ecosystem entombed within siderite concretions

Research article
BOSIO, G., GIONCADA, A., MALINVERNO, E., DI CELMA, C., VILLA, I. M., GABRIELDI, K., COLLARETA, A., URBANO, M. & BIANUCCI, G. Chemical and petrographic fingerprinting of volcanic ashes as a tool for high-resolution stratigraphy of the upper Miocene Pisco Formation (Peru)

KABANOV, P. Devonian (c. 388–375 Ma) Horn River Group of Mackenzie Platform (NW Canada) in an open-shelf succession recording oceanic anoxic events


GAY, A., LOPEZ, M., POTDEVIN, J.-L., VIDAL, V., VARAS, G., FAIVIER, A. & THOUVARD, N. 3D morphology and timing of the giant fossil peckmark of Beauvoisin, SE Basin of France


MCHARG, S., ELDERS, C. & CUNNEEN, J. Origin of basin-scale syn-extensional synclines on the southern margin of the Northern Carnarvon Basin, Western Australia

Thematic set: The Mid-Carnian Episode
CORSO, J. D., RUFFELL, A. & PRETO, N. Carnian (Late Triassic) C-isotope excursions, environmental changes, and biotic turnover: a global perturbation of the Earth’s surface system


BARANYI, V., MILLER, C. S., RUFFELL, A., HOUNSLOW, M. W. & KÜRSCHNER, W. M. A continental record of the Carnian Pluvial Episode (CPE) from the Mercia Mudstone Group (UK): palynology and climatic implications

SUN, Y. D., RICHOZ, S., KRYSHTYN, L., ZHANG, Z. T. & JOACHIMSKI, M. M. Perturbations in the carbon cycle during the Carnian Humid Episode: carbonate carbon isotope records from southwestern China and northern Oman

JIN, X., MCHARG, S. A., SHE, Z., METTO, P., RIGO, M., RODLE, G., MASTEN, S., FRANQUEZE, M. & PRETO, N. The aftermath of the CPE and the Carnian–Norian transition in northwestern Sichuan Basin, South China

SHI, Z., JIN, X., PRETO, N., RIGO, M., DO, Y. & HOU, L. The Carnian Pluvial Episode at Ma’antang, Jiangyou in Upper Yangtze Block, Southwestern China