Solution to the Hallopus Enigma?
  Jay Ague, Kenneth Carpenter, and John H. Ostrom  1

Detrital zircon provenance of Cambrian to Triassic miogeoclinal and eugeoclinal strata in Nevada
  George E. Gehrels and William R. Dickinson  18

Origin of fibrocity and banding in agates from flood basalts
  Yifeng Wang and Enrique Merino  49

Iapetan rift-related turbidite-fan deposits from the central Appalachian Piedmont
  David W. Valentino and Alexander E. Gates  78

Paleomagnetic evidence for a Late Triassic age for transitional tholeiitic to alkalic disbase dikes from central Rhode Island
  Suzanne A. McEnroe  98