



## Issue 1 (published February 2002)

Luo, Z.-X., Kielan-Jaworowska, Z., and Cifelli, R.L.—In quest for a phylogeny of Mesozoic mammals	1–78
Borsuk-Białynicka, M. and Evans, S.E.—The scapulocoracoid of an Early Triassic stem-frog from Poland	79–96
Maryńska, T., Osmólska, H., and Wolsan, M.—Avialan status for Oviraptorosauria	97–116
Averianov, A.O., Voronkevich, A.V., Maschenko, E.N., Leshchinskiy, S.V., and Fayngertz, A.V.—A sauropod foot from the Early Cretaceous of Western Siberia, Russia	117–124
Peláez-Campomanes, P. and Daams, R.—Middle Miocene rodents from Paşalar, Anatolia, Turkey	125–132
Baumiller, T.K.—Multi-snail infestation of Devonian crinoids and the nature of platyceratid-crinoid interactions	133–139
Holmer, L.E. and Biernat, G.—Lingulate brachiopods from Lower Ordovician (Tremadoc) chalconites, Holy Cross Mountains, Poland	141–156
Mutvei, H.—Connecting ring structure and its significance for classification of the orthoceratid cephalopods	157–168
Mierzejewski, P. and Kulicki, C.—Discovery of Pterobranchia (Graptolithoidea) in the Permian	169–175
<b>Brief reports</b>	
Fostowicz-Frelik, Ł. and Kielan-Jaworowska, Z.—Lower incisor in zalambdalestid mammals (Eutheria) and its phylogenetic implications	177–180
Bleefeld, A.R. and Bock, W.J.—Unique anatomy of lagomorph calcaneus	181–183
<b>Nomenclatorial note</b>	184

## Issue 2 (published May 2002) Thematic issue: **Biotic responses to the Late Devonian global events**

<b>Introduction</b> by Baliński, A., Olempska, E., and Racki, G.—Biotic responses to the Late Devonian global events: Introductory remarks	186–188
Day, J. and Over, D.J.—Post-extinction survivor fauna from the lowermost Famennian of eastern North America	189–202
Feist, R.—Trilobites from the latest Frasnian Kellwasser Crisis in North Africa (Mriit, central Moroccan Meseta)	203–210
Vishnevskaya, V., Pisera, A., and Racki, G.—Siliceous biota (radiolarians and sponges) and the Late Devonian biotic crisis: The Polish reference	211–226
Casier, J.-G., Devleeschouwer, X., Lethiers, F., Pr�at, A., and Racki, G.—Ostracods and fore-reef sedimentology of the Frasnian–Famennian boundary beds in Kielce (Holy Cross Mountains, Poland)	227–246
Olempska, E.—The Late Devonian Upper Kellwasser Event and entomozoocoean ostracods in the Holy Cross Mountains, Poland	247–266
Krawczyński, W.—Frasnian gastropod synecology and bio-events in the Dyminy reef complex of the Holy Cross Mountains, Poland	267–288
Baliński, A.—Frasnian–Famennian brachiopod extinction and recovery in southern Poland	289–305
Morozova, I.P., Weis, O.B., and Racki, G.—Emergence and extinction of the Givetian to Frasnian bryozoan faunas in the Kostomloty facies zone, Holy Cross Mountains, Poland	307–317
Gluchowski, E.—Crinoids from the Famennian of the Holy Cross Mountains, Poland	319–328
Ginter, M.—Chondrichthyan fauna of the Frasnian–Famennian boundary beds in Poland	329–338
Sokiran, E.V.—Frasnian–Famennian extinction and recovery of rhynchonellid brachiopods from the East European Platform	339–354
Yudina, A.B., Racki, G., Savage, N.M., Racka, M., and Malkowski, K.—The Frasnian–Famennian events in a deep-shelf succession, Subpolar Urals: biotic, depositional, and geochemical records	355–372
Ma, X.-P., Sun, Y.-L., Hao, W.-C., and Liao, W.-H.—Rugose corals and brachiopods across the Frasnian–Famennian boundary in central Hunan, South China	373–396
Wrzosek, T.—Devonian history of diversity of the rugosan <i>Cyathoxonia</i> fauna	397–404
<b>Book review</b>	318

## Issue 3 (published August 2002)

Szaniawski, H.—New evidence for the protoconodont origin of chaetognaths	405–419
Doguzhaeva, L.A., Mutvei, H., and Mapes, R.H.—Chaetognath grasping spines from the Upper Mississippian of Arkansas (USA)	421–430
Kouchinsky, A. and Bengtson, S.—The tube wall of Cambrian anabaritids	431–444
Bates, D.E.B. and Urbanek, A.—The ultrastructure, development, and systematic position of the graptolite genus <i>Mastigograptus</i>	445–458
Kozłowska-Dawidziuk, A.— <i>Agastograptus</i> , a synonym of <i>Plectograptus</i> (Retiolitidae, Graptolithina)	459–467
Naugolnykh, S.V.—A new species of <i>Todites</i> (Pteridophyta) with <i>in situ</i> spores from the Upper Permian of Pechora Cis-Urals (Russia)	469–478
Kielan-Jaworowska, Z., Cifelli, R.L., and Luo, Z.-X.—Dentition and relationships of the Jurassic mammal <i>Shuotherium</i>	479–486
Pascual, R., Goin, F.J., Balarino, L., and Udrizar Sauthier, D.E.—New data on the Paleocene monotreme <i>Monotrematum sudamericanum</i> , and the convergent evolution of triangulate molars	487–492
Gheerbrant, E., Sudre, J., Cappetta, H., Iaroch�ne, M., Amaghzaz, M., and Bouya, B.—A new large mammal from the Ypresian of Morocco: Evidence of surprising diversity of early proboscideans	493–506
Mayr, G.—A skull of a new pelecyaniform bird from the Middle Eocene of Messel, Germany	507–512
Ivanov, M.—The oldest known Miocene snake fauna from Central Europe: Merkur-North locality, Czech Republic	513–534
Sulej, T.—Species discrimination of the Late Triassic temnospondyl amphibian <i>Metoposaurus diagnosticus</i>	535–546
Ginter, M.—Taxonomic notes on “ <i>Phoebodus heslerorum</i> ” and <i>Symmorium reniforme</i> (Chondrichthyes, Elasmobranchii)	547–555
<b>Brief reports</b>	
Kielan-Jaworowska, Z., Hurum, J.H., Currie, P.J., and Barsbold, R.—New data on anatomy of the Late Cretaceous multituberculate mammal <i>Catopsbaatar</i>	557–560
Gierliński, G. and Sabath, K.—A probable stegosaurian track from the Late Jurassic of Poland	561–564
<b>Book reviews</b>	420, 468
<b>Editorial note</b>	556

## Issue 4 (published December 2002)

Dzik, J.—Emergence and collapse of the Frasnian conodont and ammonoid communities in the Holy Cross Mountains, Poland	565–650
Stolarski, J. and Russo, A.—Microstructural diversity of the stylophyllid (Scleractinia) skeleton	651–666
Kaim, A.—Gradual evolution of the Early Cretaceous marine gastropod <i>Rissoina</i> lineage in central Poland	667–672
Nielsen, J.K.—Borings formed by Late Cretaceous endobiotic foraminifers within larger benthic foraminifers	673–678
Christensen, W.K.— <i>Fusiteuthis polonica</i> , a rare and unusual belemnite from the Maastrichtian	679–683
Tinn, O. and Meidla, T.—An enigmatic early Palaeocene ostracode from the Arenig of NW Russia	685–690
Scott, C.S., Fox, R.C., and Youzwyshyn, G.P.—New earliest Tiffanian (late Paleocene) mammals from Cochrane 2, southwestern Alberta, Canada	691–704
Averianov, A.O.—Early Cretaceous “symmetrodont” mammal <i>Gobiotheriodon</i> from Mongolia and the classification of “Symmetrodonta”	705–716
Candela, A.M.—Lower deciduous tooth homologies in Erethizontidae (Rodentia, Hystricognathi): Evolutionary significance	717–723
<b>Nomenclatorial note</b>	684
<b>Contents of Volume 47</b>	724