

Dataset 3. Bibliographic, taxonomic, and geographic data for new paleontological species described in 2008 which are included in this study. A total of 973 articles yielded 2,163 new paleontological species in this dataset. Note that all localities resolved to one administrative division below country level (e.g., state, province) are indicated by an asterisk (*).

CITATION	SPECIES	HIGHER TAXA	LOCALITIES
Abbazzi, Laura; Carboni, Salvatore; Delfino, Massimo; Gallai, Gianni; Lecca, Luciano; Rook, Lorenzo (2008) Fossil vertebrates (Mammalia and Reptilia) from Capo Mannu Formation (Late Pliocene, Sardinia, Italy) with description of a new <i>Testudo</i> (Chelonii, Testudinidae) species. <i>Rivista Italiana di Paleontologia e Stratigrafia</i> 114(1): 119-132	† <i>Testudo pecorinii</i> Delfino	Reptilia: Chelonia: Testudinidae	ITALY: Sardinia Region* (Oristano Province)
Abbazzi, Laura; Delfino, Massimo; Gallai, Gianni; Trebini, Luciano; Rook, Lorenzo (2008) New data on the vertebrate assemblage of Fiume Santo (north-west Sardinia, Italy), and overview on the Late Miocene Tusco-Sardinian palaeobioprovince. <i>Palaeontology</i> 51(2):425-451	† <i>Etruria viallii</i>	Mammalia: Artiodactyla: Bovidae	ITALY: Sardinia*
Abbazzi, Laura; Delfino, Massimo; Gallai, Gianni; Trebini, Luciano; Rook, Lorenzo (2008) New data on the vertebrate assemblage of Fiume Santo (north-west Sardinia, Italy), and overview on the Late Miocene Tusco-Sardinian palaeobioprovince. <i>Palaeontology</i> 51(2):425-451	† <i>Etruria viallii</i>	Mammalia: Artiodactyla: Bovidae	ITALY: Tuscany Region*
Abbazzi, Laura; Delfino, Massimo; Gallai, Gianni; Trebini, Luciano; Rook, Lorenzo (2008) New data on the vertebrate assemblage of Fiume Santo (north-west Sardinia, Italy), and overview on the Late Miocene Tusco-Sardinian palaeobioprovince. <i>Palaeontology</i> 51(2):425-451	† <i>Turritragus casteanensis</i>	Mammalia: Artiodactyla: Bovidae	ITALY: Tuscany Region*
Abbazzi, Laura; Delfino, Massimo; Gallai, Gianni; Trebini, Luciano; Rook, Lorenzo (2008) New data on the vertebrate assemblage of Fiume Santo (north-west Sardinia, Italy), and overview on the Late Miocene Tusco-Sardinian palaeobioprovince. <i>Palaeontology</i> 51(2):425-451	† <i>Umbrotherium azzarolii</i>	Mammalia: Artiodactyla: Giraffidae	ITALY: Sardinia Region*
Abbazzi, Laura; Delfino, Massimo; Gallai, Gianni; Trebini, Luciano; Rook, Lorenzo (2008) New data on the vertebrate assemblage of Fiume Santo (north-west Sardinia, Italy), and overview on the Late Miocene Tusco-Sardinian palaeobioprovince. <i>Palaeontology</i> 51(2):425-451	† <i>Umbrotherium azzarolii</i>	Mammalia: Artiodactyla: Giraffidae	ITALY: Tuscany Region*
Adnet, Sylvain; Cappetta, Henri (2008) New fossil triakid sharks from the Eocene of Prémontré, France, and comments on fossil record of the family. <i>Acta Palaeontologica Polonica</i> 53(3): 433-448	† <i>Galeorhinus duchaussoisi</i>	Chondrichthyes: Triakidae	FRANCE: Picardie Region* (Aisne Department)
Adnet, Sylvain; Cappetta, Henri (2008) New fossil triakid sharks from the Eocene of Prémontré, France, and comments on fossil record of the family. <i>Acta Palaeontologica Polonica</i> 53(3): 433-448	† <i>Galeorhinus louisi</i>	Chondrichthyes: Triakidae	FRANCE: Picardie Region* (Aisne Department)
Adrain, Jonathan M.; Chatterton, Brian D.E.; Kloc, Gerald J. (2008) Systematics of the Koneprusiine trilobites, with new taxa from the Silurian and Devonian of Laurentia. <i>Journal of Paleontology</i> 82(4): 657-675	† <i>Laethoprusia cozarti</i>	Arthropoda: Trilobita: Odontopleuridae	USA: Tennessee: Benton County*
Adrain, Jonathan M.; Chatterton, Brian D.E.; Kloc, Gerald J. (2008) Systematics of the Koneprusiine trilobites, with new taxa from the Silurian and Devonian of Laurentia. <i>Journal of Paleontology</i> 82(4): 657-675	† <i>Laethoprusia graffhami</i>	Arthropoda: Trilobita: Odontopleuridae	USA: Oklahoma: Coal County*

Adrain, Jonathan M.; Chatterton, Brian D.E.; Kloc, Gerald J. (2008) Systematics of the Koneprusiine trilobites, with new taxa from the Silurian and Devonian of Laurentia. <i>Journal of Paleontology</i> 82(4): 657-675	† <i>Nevadaprusia cortezensis</i>	Arthropoda: Trilobita: Odontopleuridae	USA: Nevada: Eureka County*
Adserà, Pedro (2008) Una nueva especie de <i>Modiolus</i> (Bivalvia) del Cretácico español. <i>Batalleria</i> 14: 3-4 (in Spanish)	† <i>Modiolus turulli</i>	Mollusca: Bivalvia: Mytilidae	SPAIN: Catalunya Autonomous Community: Terragona Province*
Afanasieva, M.S.; Amon, E.O. (2008) New radiolarians from the Devonian of the southern Ural Mountains. 1. Early-Middle Devonian (Late Emsian-Early Eifelian). <i>Paleontological Journal</i> 42(5): 451-467 [<i>Paleontologicheskii Zhurnal</i> 2008(5): 3-17 (in Russian)]	† <i>Entactinia rostriformis</i> Afanasieva & Amon	Rhizaria: Retaria: Radiolaria: Sphaerellaria: Entacteniata: Entactiniidae	RUSSIA: Bashkortostan Republic*
Afanasieva, M.S.; Amon, E.O. (2008) New radiolarians from the Devonian of the southern Ural Mountains. 1. Early-Middle Devonian (Late Emsian-Early Eifelian). <i>Paleontological Journal</i> 42(5): 451-467 [<i>Paleontologicheskii Zhurnal</i> 2008(5): 3-17 (in Russian)]	† <i>Palaeodiscaleksus tumefactus</i> Afanasieva & Amon	Rhizaria: Retaria: Radiolaria: Stauraxonaria: Palaeodiscata: Palaeodiscaleksidae	RUSSIA: Bashkortostan Republic*
Afanasieva, M.S.; Amon, E.O. (2008) New radiolarians from the Devonian of the southern Ural Mountains. 1. Early-Middle Devonian (Late Emsian-Early Eifelian). <i>Paleontological Journal</i> 42(5): 451-467 [<i>Paleontologicheskii Zhurnal</i> 2008(5): 3-17 (in Russian)]	† <i>Palaeodiscaleksus tumefactus</i> Afanasieva & Amon	Rhizaria: Retaria: Radiolaria: Stauraxonaria: Palaeodiscata: Palaeodiscaleksidae	RUSSIA: Bashkortostan Republic*
Afanasieva, M.S.; Amon, E.O. (2008) New radiolarians from the Devonian of the southern Ural Mountains. 1. Early-Middle Devonian (Late Emsian-Early Eifelian). <i>Paleontological Journal</i> 42(5): 451-467 [<i>Paleontologicheskii Zhurnal</i> 2008(5): 3-17 (in Russian)]	† <i>Primaritripus buribayensis</i> Afanasieva & Amon	Rhizaria: Retaria: Radiolaria: Stauraxonaria: Palaeodiscata: Palaeodiscaleksidae	RUSSIA: Bashkortostan Republic*
Afanasieva, M.S.; Amon, E.O. (2008) New radiolarians from the Devonian of the southern Ural Mountains. 1. Early-Middle Devonian (Late Emsian-Early Eifelian). <i>Paleontological Journal</i> 42(5): 451-467 [<i>Paleontologicheskii Zhurnal</i> 2008(5): 3-17 (in Russian)]	† <i>Primaritripus chuvashovi</i> Afanasieva & Amon	Rhizaria: Retaria: Radiolaria: Stauraxonaria: Palaeodiscata: Palaeodiscaleksidae	RUSSIA: Bashkortostan Republic*
Afanasjeva, G.A. (2008) The genus <i>Unispirifer</i> Campbell (Brachiopoda, Spiriferida) in the Early Carboniferous of the Moscow Syneclise. <i>Paleontological Journal</i> 42(4): 373-377 [<i>Paleontologicheskii Zhurnal</i> 2008(4): 39-43 (in Russian)]	† <i>Unispirifer parvus</i> Afanasjeva	Brachiopoda: Spiriferida: Spiriferoidea: Spiriferidae	RUSSIA: Moscow*
Afanasjeva, G.A. (2008) The genus <i>Unispirifer</i> Campbell (Brachiopoda, Spiriferida) in the Early Carboniferous of the Moscow Syneclise. <i>Paleontological Journal</i> 42(4): 373-377 [<i>Paleontologicheskii Zhurnal</i> 2008(4): 39-43 (in Russian)]	† <i>Unispirifer semicircularis</i> Afanasjeva	Brachiopoda: Spiriferida: Spiriferoidea: Spiriferidae	RUSSIA: (Kaluga Region, Serena River, Burnashevo village)

Afanasjeva, G.A. (2008) The genus <i>Unspirifer</i> Campbell (Brachiopoda, Spiriferida) in the Early Carboniferous of the Moscow Syncline. Paleontological Journal 42(4): 373-377 [Paleontologicheskii Zhurnal 2008(4): 39-43 (in Russian)]	† <i>Unspirifer semicircularis</i> Afanasjeva	Brachiopoda: Spiriferida: Spiriferoidea: Spiriferidae	RUSSIA: Moscow*
Agematsu, Sachiko; Sashida, Katsuo; Salyapongse, Sirot; Sardud, Apsorn (2008) Early Ordovician conodonts from Tarutao Island, southern peninsular Thailand. Palaeontology 51(6):1435-1453	† <i>Filodontus tenuis</i>	Chordata: Conodonta:	THAILAND: Satun Province*
Agematsu, Sachiko; Sashida, Katsuo; Salyapongse, Sirot; Sardud, Apsorn (2008) Early Ordovician conodonts from Tarutao Island, southern peninsular Thailand. Palaeontology 51(6):1435-1453	† <i>Utahconus tarutaoensis</i>	Chordata: Conodonta: Conodontophorida: fam. indet.	THAILAND: Satun Province*
Aguilera, Orangel A.; Bocquentin, Jean; Lundberg, John G.; Maciente, Andréa (2008) A new cajaro catfish (Siluriformes: Pimelodidae: <i>Phractocephalus</i>) from the Late Miocene of southwestern Amazonia and its relationship to † <i>Phractocephalus nassi</i> of the Urumaco Formation. Paläontologische Zeitschrift 82(2): 231-245	† <i>Phractocephalus acreornatus</i>	Actinopterygii: Siluriformes: Pimelodidae	BRAZIL: Acre*
Aguilera, Orangel A.; Bocquentin, Jean; Lundberg, John G.; Maciente, Andréa (2008) A new cajaro catfish (Siluriformes: Pimelodidae: <i>Phractocephalus</i>) from the Late Miocene of southwestern Amazonia and its relationship to † <i>Phractocephalus nassi</i> of the Urumaco Formation. Paläontologische Zeitschrift 82(2): 231-245	† <i>Phractocephalus acreornatus</i>	Actinopterygii: Siluriformes: Pimelodidae	PERU: Madre de Dios*
Alencáster, Gloria; García-Barrera, Pedro (2008) Albian Radiolitid rudists (Mollusca: Bivalvia) from east-central Mexico. Geobios 41(5): 571-587	† <i>Radiolites canistra</i>	Mollusca: Bivalvia: Hippuritoidea: Radiolitidae	MEXICO: Queretaro*
Alencáster, Gloria; García-Barrera, Pedro (2008) Albian Radiolitid rudists (Mollusca: Bivalvia) from east-central Mexico. Geobios 41(5): 571-587	† <i>Radiolites maldonadoi</i>	Mollusca: Bivalvia: Hippuritoidea: Radiolitidae	MEXICO: Queretaro*
Alencáster, Gloria; García-Barrera, Pedro (2008) Albian Radiolitid rudists (Mollusca: Bivalvia) from east-central Mexico. Geobios 41(5): 571-587	† <i>Radiolites scotti</i>	Mollusca: Bivalvia: Hippuritoidea: Radiolitidae	MEXICO: Queretaro*
Alencáster, Gloria; García-Barrera, Pedro (2008) Albian Radiolitid rudists (Mollusca: Bivalvia) from east-central Mexico. Geobios 41(5): 571-587	† <i>Radiolites unisculus</i>	Mollusca: Bivalvia: Hippuritoidea: Radiolitidae	MEXICO: Queretaro*
Alexeev, A.V. (2008) New jewel beetles (Coleoptera: Buprestidae) and similar beetles from the Cretaceous and Early Paleogene of Asia. Paleontological Journal 42(1): 53-59 [Paleontologicheskii Zhurnal 2008(1): 55-61 (in Russian)]	† <i>Andakhudukia ponomarenkoi</i> Alexeev	Coleoptera: Buprestidae	MONGOLIA: Övörkhangaí Aimag*
Alexeev, A.V. (2008) New jewel beetles (Coleoptera: Buprestidae) and similar beetles from the Cretaceous and Early Paleogene of Asia. Paleontological Journal 42(1): 53-59 [Paleontologicheskii Zhurnal 2008(1): 55-61 (in Russian)]	† <i>Cretoelaterim kasanovense</i> Alexeev	Coleoptera: Elateridae	RUSSIA: Zabaykalsky Krai*
Alexeev, A.V. (2008) New jewel beetles (Coleoptera: Buprestidae) and similar beetles from the Cretaceous and Early Paleogene of Asia. Paleontological Journal 42(1): 53-59 [Paleontologicheskii Zhurnal 2008(1): 55-61 (in Russian)]	† <i>Cretofalselaterium baiankhongoricum</i> Alexeev	Coleoptera: fam. indet.	MONGOLIA: Bayankhongor Aimag*
Alexeev, A.V. (2008) New jewel beetles (Coleoptera: Buprestidae) and similar beetles from the Cretaceous and Early Paleogene of Asia. Paleontological Journal 42(1): 53-59 [Paleontologicheskii Zhurnal 2008(1): 55-61 (in Russian)]	† <i>Cretoegermen tunicum</i> Alexeev	Coleoptera: fam. indet.	KAZAKHSTAN: Kyzylorda Province*

Alexeev, A.V. (2008) New jewel beetles (Coleoptera: Buprestidae) and similar beetles from the Cretaceous and Early Paleogene of Asia. Paleontological Journal 42(1): 53-59 [Paleontologicheskii Zhurnal 2008(1): 55-61 (in Russian)]	† <i>Cretopoena gratshevi</i> Alexeev	Coleoptera: Eucnemidae	MONGOLIA: Bayankhongor Aimag*
Alexeev, A.V. (2008) New jewel beetles (Coleoptera: Buprestidae) and similar beetles from the Cretaceous and Early Paleogene of Asia. Paleontological Journal 42(1): 53-59 [Paleontologicheskii Zhurnal 2008(1): 55-61 (in Russian)]	† <i>Metabuprestium</i> <i>ustkivdense</i> Alexeev	Coleoptera: Buprestidae	RUSSIA: Amur Oblast*
Alifanov, V.R. (2008) The tiny horned dinosaur <i>Gobiceratops minutus</i> gen. et sp. nov. (Bagaceratopidae, Neoceratopsia) from the Upper Cretaceous of Mongolia. Paleontological Journal 42(6): 621-633 [Paleontologicheskii Zhurnal 2008(6): 49-60 (in Russian)]	† <i>Gobiceratops minutus</i> Alifanov	Dinosauria: Ceratopsia: Neoceratopsia: Bagaceratopidae	MONGOLIA: Ömnögovii Aimag*
Allmon, Warren D.; Harris, W. Burleigh (2008) A new species of turritelline gastropod from a turritelline-dominated limestone in the Paleocene of North Carolina. Journal of Paleontology 82(2): 442-446	† <i>Haustator? zulloi</i>	Mollusca: Gastropoda: Cerithiacea: Turritellidae	USA: North Carolina: Brunswick County*
Al-Tamimi, Mahmoud H.; Saqqa, Walid A. (2008) Holothurian sclerites from the upper part of Ajlun Group (Late Cretaceous) of Salhoub area, north Jordan. Dirasat Pure Sciences 35(2): 81-95	† <i>Calclamnella elongata</i>	Echniodermata: Holothuroidea: Calclamniidae	JORDAN: Amman Governorate*
Al-Tamimi, Mahmoud H.; Saqqa, Walid A. (2008) Holothurian sclerites from the upper part of Ajlun Group (Late Cretaceous) of Salhoub area, north Jordan. Dirasat Pure Sciences 35(2): 81-95	† <i>Eocaudina insolica</i>	Echniodermata: Holothuroidea: Calclamniidae	JORDAN: Amman Governorate*
Al-Tamimi, Mahmoud H.; Saqqa, Walid A. (2008) Holothurian sclerites from the upper part of Ajlun Group (Late Cretaceous) of Salhoub area, north Jordan. Dirasat Pure Sciences 35(2): 81-95	† <i>Hexapriscopeidatus</i> <i>reichi</i>	Echniodermata: Holothuroidea: Priscopedatidae	JORDAN: Amman Governorate*
Al-Tamimi, Mahmoud H.; Saqqa, Walid A. (2008) Holothurian sclerites from the upper part of Ajlun Group (Late Cretaceous) of Salhoub area, north Jordan. Dirasat Pure Sciences 35(2): 81-95	† <i>Hexapriscopeidatus</i> <i>subcircularis</i>	Echniodermata: Holothuroidea: Priscopedatidae	JORDAN: Amman Governorate*
Al-Tamimi, Mahmoud H.; Saqqa, Walid A. (2008) Holothurian sclerites from the upper part of Ajlun Group (Late Cretaceous) of Salhoub area, north Jordan. Dirasat Pure Sciences 35(2): 81-95	† <i>Hexapriscopeidatus</i> <i>subquadratus</i>	Echniodermata: Holothuroidea: Priscopedatidae	JORDAN: Amman Governorate*
Al-Tamimi, Mahmoud H.; Saqqa, Walid A. (2008) Holothurian sclerites from the upper part of Ajlun Group (Late Cretaceous) of Salhoub area, north Jordan. Dirasat Pure Sciences 35(2): 81-95	† <i>Hexapriscopeidatus</i> <i>subtriangularis</i>	Echniodermata: Holothuroidea: Priscopedatidae	JORDAN: Amman Governorate*
Al-Tamimi, Mahmoud H.; Saqqa, Walid A. (2008) Holothurian sclerites from the upper part of Ajlun Group (Late Cretaceous) of Salhoub area, north Jordan. Dirasat Pure Sciences 35(2): 81-95	† <i>Prisculatrites</i> <i>lansulata</i>	Echniodermata: Holothuroidea: Priscopedatidae	JORDAN: Amman Governorate*
Al-Tamimi, Mahmoud H.; Saqqa, Walid A. (2008) Holothurian sclerites from the upper part of Ajlun Group (Late Cretaceous) of Salhoub area, north Jordan. Dirasat Pure Sciences 35(2): 81-95	† <i>Prisculatrites lobatus</i>	Echniodermata: Holothuroidea: Priscopedatidae	JORDAN: Amman Governorate*
Al-Tamimi, Mahmoud H.; Saqqa, Walid A. (2008) Holothurian sclerites from the upper part of Ajlun Group (Late Cretaceous) of Salhoub area, north Jordan. Dirasat Pure Sciences 35(2): 81-95	† <i>Prisculatrites</i> <i>subtriangularis</i>	Echniodermata: Holothuroidea: Priscopedatidae	JORDAN: Amman Governorate*

Al-Tamimi, Mahmoud H.; Saqqa, Walid A. (2008) Holothurian sclerites from the upper part of Ajlun Group (Late Cretaceous) of Salhoub area, north Jordan. <i>Dirasat Pure Sciences</i> 35(2): 81-95	† <i>Spinopriscopelatus salhoubensis</i>	Echniodermata: Holothuroidea: Priscopematidae	JORDAN: Amman Governorate*
Alvarado-Ortega, Jesús; de Mayrinck, Diogo; Brito, Paulo M. (2008) A basal Pachyrhizodontid fish (Actinopterygii, Teleostei) from the Lower Cretaceous of the Tlayúa Quarry, central Mexico. <i>Comptes Rendus Palevol</i> 7(5): 269-275	† <i>Michin csernai</i>	Actinopterygii: Pachyrhizodontoidei: fam. indet.	MEXICO: Puebla*
Alvarado-Ortega, Jesús; Espinosa-Arrubarrena, Luis (2008) A new genus of ionoscopiform fish (Halecomorphi) from the Lower Cretaceous (Albian) lithographic limestones of the Tlayúa Quarry, Puebla, Mexico. <i>Journal of Paleontology</i> 82(1): 163-175	† <i>Quetzalichthys perrillatae</i>	Teleostei: Ionoscopiformes: Ionoscopidae	MEXICO: Puebla*
Alvarado-Ortega, Jesús; Ovalles-Damián, Ernesto (2008) <i>Triplomystus applegatei</i> , sp. nov. (Teleostei: Ellimmichthyiformes), a rare "triple armored herring" from El Espinal Quarry (Early Cretaceous), Chiapas, southeastern Mexico. <i>Journal of Vertebrate Paleontology</i> 28(1): 53-60	† <i>Triplomystus applegatei</i>	Teleostei: Ellimmichthyiformes: Paraclupeidae	MEXICO: Chiapas*
Alvarenga, Herculano; Brito, Guilherme R.R.; Migotto, Rafael; Hubbe, Alex; Höfling, Elizabeth (2008) <i>Pleistovultur nevesi</i> gen. et sp. nov. (Aves: Vulturidae) and the diversity of condors and vultures in the South American Pleistocene. <i>Ameghiniana</i> 45(3): 613-618	† <i>Pleistovultur nevesi</i>	Aves: Vulturidae	BRAZIL: Minas Gerais*
Amitrov, O.V. (2008) The current state of study of the gastropods of the Mandrikovka Beds (Upper Eocene of Ukraine), with the description of a new species of <i>Conorbis</i> . <i>Paleontological Journal</i> 42(6): 581-584 [<i>Paleontologicheskii Zhurnal</i> 2008(6): 11-14 (in Russian)]	† <i>Conorbis veselovi</i> Amitrov	Mollusca: Gastropoda: Turridae	UKRAINE: Dnipropetrovsk Oblast*
Anan, Haidar Salim (2008) Maastrichtian-Paleogene LeRoy's benthic foraminiferal species from Egypt and Tethyan-Atlantic regions. <i>Revue de Paléobiologie</i> 27(2): 357-376	† <i>Anomalinoidea leroyi</i> Anan	Foraminiferida: Rotaliina: Nonionacea: Heterolepididae	EGYPT: Port Said Governorate*
Anderson, Heidi M.; Anderson, John M. (2008) Molteno Ferns: Late Triassic Biodiversity in Southern Africa. Series: Strelitzia 21. South African National Biodiversity Institute: Pretoria, South Africa. ISBN: 9781919976365. vii+259 pp.	† <i>Asterotheca dewinteri</i> H.M. And. & J.M. And.	Filicophyta: Marattiales: Asterothecaceae	SOUTH AFRICA: KwaZulu-Natal*
Anderson, Heidi M.; Anderson, John M. (2008) Molteno Ferns: Late Triassic Biodiversity in Southern Africa. Series: Strelitzia 21. South African National Biodiversity Institute: Pretoria, South Africa. ISBN: 9781919976365. vii+259 pp.	† <i>Asterotheca killickii</i> H.M. And. & J.M. And.	Filicophyta: Marattiales: Asterothecaceae	SOUTH AFRICA: KwaZulu-Natal*
Anderson, Heidi M.; Anderson, John M. (2008) Molteno Ferns: Late Triassic Biodiversity in Southern Africa. Series: Strelitzia 21. South African National Biodiversity Institute: Pretoria, South Africa. ISBN: 9781919976365. vii+259 pp.	† <i>Birmoltia intervenatus</i> H.M. And. & J.M. And.	Filicophyta: Osmundales?: fam. indet.	SOUTH AFRICA: (Birds River)
Anderson, Heidi M.; Anderson, John M. (2008) Molteno Ferns: Late Triassic Biodiversity in Southern Africa. Series: Strelitzia 21. South African National Biodiversity Institute: Pretoria, South Africa. ISBN: 9781919976365. vii+259 pp.	† <i>Birtodites holmesii</i> H.M. And. & J.M. And.	Filicophyta: Osmundales: Osmundaceae	SOUTH AFRICA: (Birds River)
Anderson, Heidi M.; Anderson, John M. (2008) Molteno Ferns: Late Triassic Biodiversity in Southern Africa. Series: Strelitzia 21. South African National Biodiversity Institute: Pretoria, South Africa. ISBN: 9781919976365. vii+259 pp.	† <i>Cladophlebis barbara</i> H.M. And. & J.M. And.	Filicophyta: Osmundales?: fam. indet.	SOUTH AFRICA: KwaZulu-Natal*

Anderson, Heidi M.; Anderson, John M. (2008) Molteno Ferns: Late Triassic Biodiversity in Southern Africa. Series: Strelitzia 21. South African National Biodiversity Institute: Pretoria, South Africa. ISBN: 9781919976365. vii+259 pp.	† <i>Cladophlebis evelynae</i> H.M. And. & J.M. And.	Filicophyta: Osmundales?: fam. indet.	SOUTH AFRICA: Eastern Cape*
Anderson, Heidi M.; Anderson, John M. (2008) Molteno Ferns: Late Triassic Biodiversity in Southern Africa. Series: Strelitzia 21. South African National Biodiversity Institute: Pretoria, South Africa. ISBN: 9781919976365. vii+259 pp.	† <i>Cladophlebis felixii</i> H.M. And. & J.M. And.	Filicophyta: Osmundales?: fam. indet.	SOUTH AFRICA: KwaZulu-Natal*
Anderson, Heidi M.; Anderson, John M. (2008) Molteno Ferns: Late Triassic Biodiversity in Southern Africa. Series: Strelitzia 21. South African National Biodiversity Institute: Pretoria, South Africa. ISBN: 9781919976365. vii+259 pp.	† <i>Cladophlebis janetae</i> H.M. And. & J.M. And.	Filicophyta: Osmundales?: fam. indet.	SOUTH AFRICA: Free State*
Anderson, Heidi M.; Anderson, John M. (2008) Molteno Ferns: Late Triassic Biodiversity in Southern Africa. Series: Strelitzia 21. South African National Biodiversity Institute: Pretoria, South Africa. ISBN: 9781919976365. vii+259 pp.	† <i>Cladophlebis katherineae</i> H.M. And. & J.M. And.	Filicophyta: Osmundales?: fam. indet.	SOUTH AFRICA: KwaZulu-Natal*
Anderson, Heidi M.; Anderson, John M. (2008) Molteno Ferns: Late Triassic Biodiversity in Southern Africa. Series: Strelitzia 21. South African National Biodiversity Institute: Pretoria, South Africa. ISBN: 9781919976365. vii+259 pp.	† <i>Cladophlebis moltenensis</i> H.M. And. & J.M. And.	Filicophyta: Osmundales?: fam. indet.	SOUTH AFRICA: KwaZulu-Natal*
Anderson, Heidi M.; Anderson, John M. (2008) Molteno Ferns: Late Triassic Biodiversity in Southern Africa. Series: Strelitzia 21. South African National Biodiversity Institute: Pretoria, South Africa. ISBN: 9781919976365. vii+259 pp.	† <i>Cladophlebis rosemariae</i> H.M. And. & J.M. And.	Filicophyta: Osmundales?: fam. indet.	SOUTH AFRICA: (Peninsula?)
Anderson, Heidi M.; Anderson, John M. (2008) Molteno Ferns: Late Triassic Biodiversity in Southern Africa. Series: Strelitzia 21. South African National Biodiversity Institute: Pretoria, South Africa. ISBN: 9781919976365. vii+259 pp.	† <i>Displinites variabilis</i> H.M. And. & J.M. And.	Filicophyta: Polypodiales?: fam. indet.	SOUTH AFRICA: KwaZulu-Natal*
Anderson, Heidi M.; Anderson, John M. (2008) Molteno Ferns: Late Triassic Biodiversity in Southern Africa. Series: Strelitzia 21. South African National Biodiversity Institute: Pretoria, South Africa. ISBN: 9781919976365. vii+259 pp.	† <i>Drepanozamites dutoitii</i> H.M. And. & J.M. And.	Filicophyta: Marattiales: Marattiaceae	SOUTH AFRICA: KwaZulu-Natal*
Anderson, Heidi M.; Anderson, John M. (2008) Molteno Ferns: Late Triassic Biodiversity in Southern Africa. Series: Strelitzia 21. South African National Biodiversity Institute: Pretoria, South Africa. ISBN: 9781919976365. vii+259 pp.	† <i>Drepanozamites harrisii</i> H.M. And. & J.M. And.	Filicophyta: Marattiales: Marattiaceae	SOUTH AFRICA: KwaZulu-Natal*
Anderson, Heidi M.; Anderson, John M. (2008) Molteno Ferns: Late Triassic Biodiversity in Southern Africa. Series: Strelitzia 21. South African National Biodiversity Institute: Pretoria, South Africa. ISBN: 9781919976365. vii+259 pp.	† <i>Elantodites alisoniae</i> H.M. And. & J.M. And.	Filicophyta: Osmundales: Osmundaceae	SOUTH AFRICA: (Birds River)
Anderson, Heidi M.; Anderson, John M. (2008) Molteno Ferns: Late Triassic Biodiversity in Southern Africa. Series: Strelitzia 21. South African National Biodiversity Institute: Pretoria, South Africa. ISBN: 9781919976365. vii+259 pp.	† <i>Elantodites joydeniorum</i> H.M. And. & J.M. And.	Filicophyta: Osmundales: Osmundaceae	SOUTH AFRICA: (Birds River)
Anderson, Heidi M.; Anderson, John M. (2008) Molteno Ferns: Late Triassic Biodiversity in Southern Africa. Series: Strelitzia 21. South African National Biodiversity Institute: Pretoria, South Africa. ISBN: 9781919976365. vii+259 pp.	† <i>Elantodites kitchingii</i> H.M. And. & J.M. And.	Filicophyta: Osmundales: Osmundaceae	SOUTH AFRICA: KwaZulu-Natal*
Anderson, Heidi M.; Anderson, John M. (2008) Molteno Ferns: Late Triassic Biodiversity in Southern Africa. Series: Strelitzia 21. South African National Biodiversity Institute: Pretoria, South Africa. ISBN: 9781919976365. vii+259 pp.	† <i>Elantodites stuartii</i> H.M. And. & J.M. And.	Filicophyta: Osmundales: Osmundaceae	SOUTH AFRICA: (Birds River)
Anderson, Heidi M.; Anderson, John M. (2008) Molteno Ferns: Late Triassic Biodiversity in Southern Africa. Series: Strelitzia 21. South African National Biodiversity Institute: Pretoria, South Africa. ISBN: 9781919976365. vii+259 pp.	† <i>Elantodites turneri</i> H.M. And. & J.M. And.	Filicophyta: Osmundales: Osmundaceae	SOUTH AFRICA: (Elandspruit)

Anderson, Heidi M.; Anderson, John M. (2008) Molteno Ferns: Late Triassic Biodiversity in Southern Africa. Series: Strelitzia 21. South African National Biodiversity Institute: Pretoria, South Africa. ISBN: 9781919976365. vii+259 pp.	† <i>Molteniella terblanchiorum</i> H.M. And. & J.M. And.	Filicophyta: Polypodiales?: fam. indet.	SOUTH AFRICA: Free State*
Anderson, Heidi M.; Anderson, John M. (2008) Molteno Ferns: Late Triassic Biodiversity in Southern Africa. Series: Strelitzia 21. South African National Biodiversity Institute: Pretoria, South Africa. ISBN: 9781919976365. vii+259 pp.	† <i>Nymboidiantum schwyzeri</i> H.M. And. & J.M. And.	Filicophyta: Polypodiales?: fam. indet.	SOUTH AFRICA: KwaZulu-Natal*
Anderson, Heidi M.; Anderson, John M. (2008) Molteno Ferns: Late Triassic Biodiversity in Southern Africa. Series: Strelitzia 21. South African National Biodiversity Institute: Pretoria, South Africa. ISBN: 9781919976365. vii+259 pp.	† <i>Nymbopteron ehippiata</i> H.M. And. & J.M. And.	Filicophyta: Osmundales?: fam. indet.	SOUTH AFRICA: KwaZulu-Natal*
Anderson, Heidi M.; Anderson, John M. (2008) Molteno Ferns: Late Triassic Biodiversity in Southern Africa. Series: Strelitzia 21. South African National Biodiversity Institute: Pretoria, South Africa. ISBN: 9781919976365. vii+259 pp.	† <i>Osmundopsis botryoides</i> H.M. And. & J.M. And.	Filicophyta: Osmundales: Osmundaceae	SOUTH AFRICA: (Hei elo Peninsula, Campsite Quarry)
Anderson, Heidi M.; Anderson, John M. (2008) Molteno Ferns: Late Triassic Biodiversity in Southern Africa. Series: Strelitzia 21. South African National Biodiversity Institute: Pretoria, South Africa. ISBN: 9781919976365. vii+259 pp.	† <i>Osmundopsis petiolaris</i> H.M. And. & J.M. And.	Filicophyta: Osmundales: Osmundaceae	SOUTH AFRICA: KwaZulu-Natal*
Anderson, Heidi M.; Anderson, John M. (2008) Molteno Ferns: Late Triassic Biodiversity in Southern Africa. Series: Strelitzia 21. South African National Biodiversity Institute: Pretoria, South Africa. ISBN: 9781919976365. vii+259 pp.	† <i>Osmundopsis racemosus</i> H.M. And. & J.M. And.	Filicophyta: Osmundales: Osmundaceae	SOUTH AFRICA: Free State*
Anderson, Heidi M.; Anderson, John M. (2008) Molteno Ferns: Late Triassic Biodiversity in Southern Africa. Series: Strelitzia 21. South African National Biodiversity Institute: Pretoria, South Africa. ISBN: 9781919976365. vii+259 pp.	† <i>Parsorophyllum africana</i> H.M. And. & J.M. And.	Filicophyta: Osmundales?: fam. indet.	SOUTH AFRICA: (Konings Kroon / Rooipoort Donga)
Anderson, Heidi M.; Anderson, John M. (2008) Molteno Ferns: Late Triassic Biodiversity in Southern Africa. Series: Strelitzia 21. South African National Biodiversity Institute: Pretoria, South Africa. ISBN: 9781919976365. vii+259 pp.	† <i>Rooitodites integra</i> H.M. And. & J.M. And.	Filicophyta: Osmundales: Osmundaceae	SOUTH AFRICA: Eastern Cape*
Anderson, Heidi M.; Anderson, John M. (2008) Molteno Ferns: Late Triassic Biodiversity in Southern Africa. Series: Strelitzia 21. South African National Biodiversity Institute: Pretoria, South Africa. ISBN: 9781919976365. vii+259 pp.	† <i>Rooitodites pulchra</i> H.M. And. & J.M. And.	Filicophyta: Osmundales: Osmundaceae	SOUTH AFRICA: KwaZulu-Natal*
Anderson, Heidi M.; Anderson, John M. (2008) Molteno Ferns: Late Triassic Biodiversity in Southern Africa. Series: Strelitzia 21. South African National Biodiversity Institute: Pretoria, South Africa. ISBN: 9781919976365. vii+259 pp.	† <i>Sphenopteris annakatae</i> H.M. And. & J.M. And.	Filicophyta: Osmundales?: fam. indet.	SOUTH AFRICA: KwaZulu-Natal*
Anderson, Heidi M.; Anderson, John M. (2008) Molteno Ferns: Late Triassic Biodiversity in Southern Africa. Series: Strelitzia 21. South African National Biodiversity Institute: Pretoria, South Africa. ISBN: 9781919976365. vii+259 pp.	† <i>Stormbergia rosaliae</i> H.M. And. & J.M. And.	Filicophyta: Osmundales?: fam. indet.	SOUTH AFRICA: KwaZulu-Natal*
Anderson, Jason S.; Henrici, Amy C.; Sumida, Stuart S.; Martens, Thomas; Berman, David S. (2008) <i>Georgenthalia clavinastica</i> , a new genus and species of dissorophoid temnospondyl from the Early Permian of Germany, and the relationships of the family Amphibamidae. Journal of Vertebrate Paleontology 28(1): 61-75	† <i>Georgenthalia clavinastica</i>	Temnospondylii: Amphibamidae	GERMANY: Thuringia*
Andrade Filho, José Dilermando; Bianchi Galati, Eunice A.; Falcão, Alda Lima; Brazil, Reginaldo Peçanha (2008) Description of <i>Micropygomyia brandaoi</i> sp. n. (Diptera: Psychodidae: Phlebotominae), a fossil phlebotomine from the Dominican Republic. Memórias do Instituto Oswaldo Cruz 103(4): 344-346	† <i>Micropygomyia brandaoi</i>	Diptera: Psychodidae	DOMINICAN REPUBLIC: Santiago*

Andres, Brian; Qiang, Ji (2008) A new pterosaur from the Liaoning Province of China, the phylogeny of the Pterodactyloidea, and convergence in their cervical vertebrae. <i>Palaeontology</i> 51(2):453-469	† <i>Elanodactylus prolatus</i>	Pterosauria: Pterodactyloidea: Ctenochasmatidae	CHINA: Liaoning*
Angelone, Chiara (2008) <i>Prolagus italicus</i> n. sp. (Ochotonidae, Lagomorpha), a new Pliocene species of peninsular Italy. <i>Geobios</i> 41(4): 445-453	† <i>Prolagus italicus</i>	Mammalia: Lagomorpha: Ochotonidae	ITALY: Tuscany Region* (Siena Province)
Angiolini, Lucia; Stephenson, Michael H. (2008) Early Permian brachiopods and palynomorphs from the Dorud Group, Alborz Mountains, north Iran: Evidence of their palaeobiogeographic affinities. <i>Fossils and Strata</i> 54: 117-132	† <i>Larispirifer fantinisestinii</i>	Brachiopoda: Spiriferidae	IRAN: Lorestan Province*
Anisyutkin, L.N.; Gorochov, A.V. (2008) A new genus and species of the cockroach family Blattulidae from Lebanese amber (Dictyoptera: Blattina). <i>Paleontological Journal</i> 42(1): 43-46 [Paleontologicheskii Zhurnal 2008(1): 44-47 (in Russian)]	† <i>Ocelloblattula ponomarenkoi</i>	Dictyoptera: Blattina: Raphidiomimidea: Blattuloidea: Blattulidae	LEBANON: Mount Lebanon Governorate*
Anisyutkin, Leonid N. (2008) <i>Paraeuthyrrhapha groehni</i> gen. et sp. nov., a new genus of the family Polyphagidae (Dictyoptera) from Baltic amber and its phylogenetic position. <i>Alavesia</i> 2: 77-85	† <i>Paraeuthyrrhapha groehni</i>	Dictyoptera: Polyphagidae	RUSSIA: Kaliningrad District*
Anzótegui, Luisa M.; Aceñolaza, Pablo G. (2008) Macrofloristic assemblage of the Paraná Formation (Upper-Middle Miocene) in Entre Ríos (Argentina). <i>Neues Jahrbuch für Geologie und Paläontologie Abhandlungen</i> 248(2): 159-170	† <i>Myrciophyllum paranaesianum</i>	Angiospermae: Myrtales: Myrtaceae	ARGENTINA: Entre Ríos*
Arillo, Antonio; Peñalver, Enrique; Delclòs, Xavier (2008) <i>Microphorites</i> (Diptera: Dolichopodidae) from the Lower Cretaceous amber of San Just (Spain), and the co-occurrence of two ceratopogonid species in Spanish amber deposits. <i>Zootaxa</i> 1920:29-40	† <i>Microphorites utrillensis</i> Peñalver	Diptera: Dolichopodidae	SPAIN: Teruel Province*
Arillo, Antonio; Subías, Luis S.; Shtanchaeva, Umukusum (2008) A new fossil oribatid mite <i>Ommatocepheus nortoni</i> sp. nov. (Acariformes: Oribatida, Cepheidae), from a new outcrop of Lower Cretaceous Álava amber (northern Spain). <i>Systematic & Applied Acarology</i> 13(3-4): 252-255	† <i>Ommatocepheus nortoni</i>	Acari: Acariformes: Oribatida, Cepheidae	SPAIN: Álava Province*
Aristov, D.S. (2008) New Grylloblattida (Insecta) from the Middle and Upper Permian of the Russia. <i>Far Eastern Entomologist</i> 188: 1-7	† <i>Kerbia aptera</i> Aristov	Grylloblattida: fam. indet.	RUSSIA: Krasnoyarsk Krai*
Aristov, D.S. (2008) New Grylloblattida (Insecta) from the Middle and Upper Permian of the Russia. <i>Far Eastern Entomologist</i> 188: 1-7	† <i>Kostovatoprisca acuminata</i> Aristov	Grylloblattida: Lemmatophoridae	RUSSIA: Udmurtia Republic*
Aristov, D.S. (2008) New Grylloblattida (Insecta) from the Middle and Upper Permian of the Russia. <i>Far Eastern Entomologist</i> 188: 1-7	† <i>Liomopterella kirovensis</i> Aristov	Grylloblattida: Liomopteridae	RUSSIA: Kirovskaya Oblast*
Aristov, D.S. (2008) New Grylloblattida (Insecta) from the Middle and Upper Permian of the Russia. <i>Far Eastern Entomologist</i> 188: 1-7	† <i>Megakhosarina chepanichensis</i> Aristov	Grylloblattida: Megakhosaridae	RUSSIA: Udmurtia Republic*
Aristov, D.S. (2008) New Grylloblattida (Insecta) from the Middle and Upper Permian of the Russia. <i>Far Eastern Entomologist</i> 188: 1-7	† <i>Sigmophlebia udmurtica</i> Aristov	Grylloblattida: Tshekardominidae	RUSSIA: Udmurtia Republic*
Aristov, D.S. (2008) New Grylloblattids of the family Megakhosaridae (Insecta: Grylloblattida) from the Permian of Russia. <i>Paleontological Journal</i> 42(3): 269-272 [Paleontologicheskii Zhurnal 2008(3): 45-49 (in Russian)]	† <i>Alekhosara reticulata</i> Aristov	Grylloblattida: Grylloblattina: Megakhosaridae	RUSSIA: Orenburg*

Aristov, D.S. (2008) New Grylloblattids of the family Megakhosaridae (Insecta: Grylloblattida) from the Permian of Russia. Paleontological Journal 42(3): 269-272 [Paleontologicheskii Zhurnal 2008(3): 45-49 (in Russian)]	† <i>Ivakhosara pectinimedia</i> Aristov	Grylloblattida: Grylloblattina: Megakhosaridae	RUSSIA: Arkhangelsk*
Aristov, D.S. (2008) New Grylloblattids of the family Megakhosaridae (Insecta: Grylloblattida) from the Permian of Russia. Paleontological Journal 42(3): 269-272 [Paleontologicheskii Zhurnal 2008(3): 45-49 (in Russian)]	† <i>Kargalokhosara terraefossa</i> Aristov	Grylloblattida: Grylloblattina: Megakhosaridae	RUSSIA: Orenburg*
Aristov, D.S. (2008) New Grylloblattids of the family Megakhosaridae (Insecta: Grylloblattida) from the Permian of Russia. Paleontological Journal 42(3): 269-272 [Paleontologicheskii Zhurnal 2008(3): 45-49 (in Russian)]	† <i>Megakhosarina intricata</i> Aristov	Grylloblattida: Grylloblattina: Megakhosaridae	RUSSIA: Arkhangelsk*
Aristov, D.S. (2008) New Grylloblattids of the family Megakhosaridae (Insecta: Grylloblattida) from the Permian of Russia. Paleontological Journal 42(3): 269-272 [Paleontologicheskii Zhurnal 2008(3): 45-49 (in Russian)]	† <i>Megakhosarina magna</i> Aristov	Grylloblattida: Grylloblattina: Megakhosaridae	RUSSIA: Udmurtia*
Aristov, D.S. (2008) New Grylloblattids of the family Megakhosaridae (Insecta: Grylloblattida) from the Permian of Russia. Paleontological Journal 42(3): 269-272 [Paleontologicheskii Zhurnal 2008(3): 45-49 (in Russian)]	† <i>Megakhosarina minuscula</i> Aristov	Grylloblattida: Grylloblattina: Megakhosaridae	RUSSIA: Arkhangelsk*
Aristov, D.S. (2008) New Tatarian representatives of the subfamily Chaulioditinae (Insecta: Grylloblattida: Chaulioditidae) from European Russia. Paleontological Journal 42(1): 32-35 [Paleontologicheskii Zhurnal 2008(1): 33-36 (in Russian)]	† <i>Chauliodites afonini</i> Aristov	Grylloblattida: Chaulioditidae	RUSSIA: Vladimir Oblast*
Aristov, D.S. (2008) New Tatarian representatives of the subfamily Chaulioditinae (Insecta: Grylloblattida: Chaulioditidae) from European Russia. Paleontological Journal 42(1): 32-35 [Paleontologicheskii Zhurnal 2008(1): 33-36 (in Russian)]	† <i>Chauliodites gomankovi</i> Aristov	Grylloblattida: Chaulioditidae	RUSSIA: Orenburg Oblast*
Aristov, D.S. (2008) New Tatarian representatives of the subfamily Chaulioditinae (Insecta: Grylloblattida: Chaulioditidae) from European Russia. Paleontological Journal 42(1): 32-35 [Paleontologicheskii Zhurnal 2008(1): 33-36 (in Russian)]	† <i>Chauliodites ponomarenkoi</i> Aristov	Grylloblattida: Chaulioditidae	RUSSIA: Vologda Oblast*
Aristov, D.S. (2008) Revision of the Permian genus <i>Parasylviodes</i> Martynov, 1940 (Grylloblattida: Liomopteridae). Far Eastern Entomologist 186: 1-5	† <i>Parasylviodes sojanensis</i> Aristov	Grylloblattida: Liomopteridae	RUSSIA: Arkhangelsk Oblast*
Aristov, D.S.; Bashkuev, A.S. (2008) New insects (Insecta: Mecoptera, Grylloblattida) from the Middle Permian Chepanikha locality, Udmurtia. Paleontological Journal 42(2): 159-165 [Paleontologicheskii Zhurnal 2008(2): 54-59 (in Russian)]	† <i>Asiachorista europaea</i> Bashkuev	Mecoptera: Permochoristidae	RUSSIA: Udmurtia Republic*
Aristov, D.S.; Bashkuev, A.S. (2008) New insects (Insecta: Mecoptera, Grylloblattida) from the Middle Permian Chepanikha locality, Udmurtia. Paleontological Journal 42(2): 159-165 [Paleontologicheskii Zhurnal 2008(2): 54-59 (in Russian)]	† <i>Miralioma urzhumica</i> Aristov	Grylloblattida: Grylloblattina: Liomopteridae	RUSSIA: Udmurtia Republic*
Aristov, D.S.; Bashkuev, A.S. (2008) New insects (Insecta: Mecoptera, Grylloblattida) from the Middle Permian Chepanikha locality, Udmurtia. Paleontological Journal 42(2): 159-165 [Paleontologicheskii Zhurnal 2008(2): 54-59 (in Russian)]	† <i>Petromantis udmurtica</i> Bashkuev	Mecoptera: Permochoristidae	RUSSIA: Udmurtia Republic*
Aristov, D.S.; Bashkuev, A.S. (2008) New insects (Insecta: Mecoptera, Grylloblattida) from the Middle Permian Chepanikha locality, Udmurtia. Paleontological Journal 42(2): 159-165 [Paleontologicheskii Zhurnal 2008(2): 54-59 (in Russian)]	† <i>Tshepanichoptera lacera</i> Aristov	Grylloblattida: Protoperlina: Aliculidae	RUSSIA: Udmurtia Republic*
Arkadiev, V.V. (2008) Representatives of the family Bochianitidae (Ammonoidea) from the Lower Cretaceous of the Crimean Mountains. Paleontological Journal 42(5): 468-478 [Paleontologicheskii Zhurnal 2008(5): 18-26 (in Russian)]	† <i>Bochianites crymensis</i> Arkadiev	Ammonoidea: Bochianitidae	UKRAINE: Autonomous Republic of Crimea*

Arkadiev, V.V. (2008) Representatives of the family Bochianitidae (Ammonoidea) from the Lower Cretaceous of the Crimean Mountains. Paleontological Journal 42(5): 468-478 [Paleontologicheskii Zhurnal 2008(5): 18-26 (in Russian)]	† <i>Bochianites levis</i> Arkadiev	Ammonoidea: Bochianitidae	AUSTRIA: NA*
Arkadiev, V.V. (2008) Representatives of the family Bochianitidae (Ammonoidea) from the Lower Cretaceous of the Crimean Mountains. Paleontological Journal 42(5): 468-478 [Paleontologicheskii Zhurnal 2008(5): 18-26 (in Russian)]	† <i>Bochianites levis</i> Arkadiev	Ammonoidea: Bochianitidae	BULGARIA: NA*
Arkadiev, V.V. (2008) Representatives of the family Bochianitidae (Ammonoidea) from the Lower Cretaceous of the Crimean Mountains. Paleontological Journal 42(5): 468-478 [Paleontologicheskii Zhurnal 2008(5): 18-26 (in Russian)]	† <i>Bochianites levis</i> Arkadiev	Ammonoidea: Bochianitidae	CZECH REPUBLIC: NA*
Arkadiev, V.V. (2008) Representatives of the family Bochianitidae (Ammonoidea) from the Lower Cretaceous of the Crimean Mountains. Paleontological Journal 42(5): 468-478 [Paleontologicheskii Zhurnal 2008(5): 18-26 (in Russian)]	† <i>Bochianites levis</i> Arkadiev	Ammonoidea: Bochianitidae	SPAIN: Majorca*
Arkadiev, V.V. (2008) Representatives of the family Bochianitidae (Ammonoidea) from the Lower Cretaceous of the Crimean Mountains. Paleontological Journal 42(5): 468-478 [Paleontologicheskii Zhurnal 2008(5): 18-26 (in Russian)]	† <i>Bochianites levis</i> Arkadiev	Ammonoidea: Bochianitidae	SWITZERLAND: NA*
Arkadiev, V.V. (2008) Representatives of the family Bochianitidae (Ammonoidea) from the Lower Cretaceous of the Crimean Mountains. Paleontological Journal 42(5): 468-478 [Paleontologicheskii Zhurnal 2008(5): 18-26 (in Russian)]	† <i>Bochianites levis</i> Arkadiev	Ammonoidea: Bochianitidae	TUNISIA: NA*
Arkadiev, V.V. (2008) Representatives of the family Bochianitidae (Ammonoidea) from the Lower Cretaceous of the Crimean Mountains. Paleontological Journal 42(5): 468-478 [Paleontologicheskii Zhurnal 2008(5): 18-26 (in Russian)]	† <i>Bochianites levis</i> Arkadiev	Ammonoidea: Bochianitidae	UKRAINE: Autonomous Republic of Crimea*
Arkadiev, V.V. (2008) Representatives of the family Bochianitidae (Ammonoidea) from the Lower Cretaceous of the Crimean Mountains. Paleontological Journal 42(5): 468-478 [Paleontologicheskii Zhurnal 2008(5): 18-26 (in Russian)]	† <i>Janenschites incisus</i> Arkadiev	Ammonoidea: Bochianitidae	UKRAINE: Autonomous Republic of Crimea*
Arkhangelsky, M.S.; Averianov, A.O.; Pervushov, E.M.; Ratnikov, V.Yu.; Zozyrev, N.Yu. (2008) On ichthyosaur remains from the Cretaceous of the Voronezh Region. Paleontological Journal 42(3): 287-291 [Paleontologicheskii Zhurnal 2008(3): 65-69 (in Russian)]	† <i>Platypterygius ochevi</i> Arkhangelsky	Ichthyosauria: Platypterygiidae	RUSSIA: Voronezh Oblast*
Arnold, E. Nicholas; Poinar, George (2008) A 100 million year old gecko with sophisticated adhesive toe pads, preserved in amber from Myanmar. Zootaxa 1847: 62-68	† <i>Cretaceogekko burmae</i>	Reptilia: Squamata: Gekkonidae?	MYANMAR: Kachin State*
Artal, Pedro; Guinot, Danièle; van Bakel, Barry; Castillo, Juan (2008) Ibericancridae, a new dakotiancroid family (Decapoda, Brachyura, Podotremata) from the upper Campanian (Upper Cretaceous) of Spain. Zootaxa 1907: 1-27	† <i>Ibericancer sanchoi</i>	Crustacea: Decapoda: Brachyura: Ibericancridae	SPAIN: Valencia*
Averianov, A.O.; Arkhangelsky, M.S.; Pervushov, E.M. (2008) A new late Cretaceous azhdarchid (Pterosauria, Azhdarchidae) from the Volga Region. Paleontological Journal 42(6): 634-642 [Paleontologicheskii Zhurnal 2008(6): 61-68 (in Russian)]	† <i>Volgadraco bogolubovi</i> Averianov, Arkhangelsky & Pervushov	Pterosauria: Pterodactylida: Azhdarchoidea: Azhdarchidae	RUSSIA: Saratov Oblast*

Averyanova, A.L. (2008) [A new <i>Maesa</i> species (Myrsinaceae) from the Late Eocene of Kiin-Kerish Mountain (eastern Kazakhstan)]. <i>Botanicheskii Zhurnal</i> 93(2): 347-350 (in Russian, with English species description)	† <i>Maesa kiinkerishiensis</i> Iljinskaja & Averyanova	Angiospermae: Myrsinaceae	KAZAKHSTAN: East Kazakhstan Province*
Azar, Dany; Engel, Michael S. (2008) A spharopsocid bark louse in Late Cretaceous amber from Siberia (Psocoptera: Sphaeropsocidae). <i>Transactions of the Kansas Academy of Science</i> 111(1-2): 141-146	† <i>Globopsocus aquilonius</i>	Psocoptera: Sphaeropsocidae	RUSSIA: Krasnoyarsk Krai*
Azar, Dany; Hajar, Lara; Indary, Chadi; Nel, André (2008) Paramesopsocidae, a new Mesozoic psocid family (Insecta: Psocodea "Psocoptera": Psocomorpha). <i>Annales de la Société Entomologique de France (Nouvelle Série)</i> 44(4): 459-470	† <i>Paramesopsocus adibi</i>	Psocodea: Psocomorpha:	KAZAKHSTAN: Jambyl*
Azar, Dany; Hajar, Lara; Indary, Chadi; Nel, André (2008) Paramesopsocidae, a new Mesozoic psocid family (Insecta: Psocodea "Psocoptera": Psocomorpha). <i>Annales de la Société Entomologique de France (Nouvelle Série)</i> 44(4): 459-470	† <i>Paramesopsocus lu</i>	Psocodea: Psocomorpha: Paramesopsocidae	LEBANON: Mount Lebanon Governorate*
Azar, Dany; Nel, André (2008) First Baltic amber megapodagrionid damselfly (Odonata: Zygoptera). <i>Annales de la Société Entomologique de France (Nouvelle Série)</i> 44(4): 451-457	† <i>Electropodagrion szwedoi</i>	Odonata: Zygoptera: Coenagrionomorpha: Megapodagrionidae	("Baltic amber")
Azar, Dany; Nel, André (2008) First Tridactylidae from the Eocene French amber (Insecta: Orthoptera). <i>Alavesia</i> 2: 169-175	† <i>Guntheridactylus grimaulti</i>	Orthoptera: Tridactylidae	FRANCE: Oise Department*
Azar, Dany; Veltz, Isabelle; Nel, André (2008) Mandibulate chironomids: Primitive or derived? (Diptera: Chironomidae). <i>Systematic Entomology</i> 33(4): 688-699	† <i>Cretaenne inexpectata</i>	Diptera: Chironomidae	LEBANON: Monut Lebanon Governorate*
Azar, Dany; Veltz, Isabelle; Nel, André (2008) Mandibulate chironomids: Primitive or derived? (Diptera: Chironomidae). <i>Systematic Entomology</i> 33(4): 688-699	† <i>Cretaenne kobeyssii</i>	Diptera: Chironomidae	LEBANON: Monut Lebanon Governorate*
Azar, Dany; Veltz, Isabelle; Nel, André (2008) Mandibulate chironomids: Primitive or derived? (Diptera: Chironomidae). <i>Systematic Entomology</i> 33(4): 688-699	† <i>Cretaenne kobeyssii</i>	Diptera: Chironomidae	LEBANON: South Lebanon Governorate*
Azar, Dany; Veltz, Isabelle; Nel, André (2008) Mandibulate chironomids: Primitive or derived? (Diptera: Chironomidae). <i>Systematic Entomology</i> 33(4): 688-699	† <i>Haematotanypus libanicus</i>	Diptera: Chironomidae	LEBANON: South Lebanon Governorate*
Badiola, Ainara; Canudo, José I.; Cuenca-Bescós, Gloria (2008) New multituberculate mammals from the Hauterivian/Barremian transition of Europe (Iberian Peninsula). <i>Palaeontology</i> 51(6):1455-1469	† <i>Cantalera abadi</i>	Mammalia: Multituberculata: Pinheirodontidae	SPAIN: Aragon Autonomous Community* (Teruel Province)
Badiola, Ainara; Cuesta, Miguel-Ángel (2008) New endemic Eocene equoids from the Iberian Peninsula (western Europe). <i>Journal of Vertebrate Paleontology</i> 28(4): 1149-1161	† <i>Iberolophus arabensis</i>	Mammalia: Perissodactylida: Equoidea: Palaeotheriidae	SPAIN: Basque Country Autonomous Community* (Álava Province)
Badiola, Ainara; Cuesta, Miguel-Ángel (2008) New endemic Eocene equoids from the Iberian Peninsula (western Europe). <i>Journal of Vertebrate Paleontology</i> 28(4): 1149-1161	† <i>Iberolophus jimenezi</i>	Mammalia: Perissodactylida: Equoidea: Palaeotheriidae	SPAIN: Castile and León Autonomous Community* (Soria Province)

Báez, Ana Maria; Nicoli, Laura (2008) A new species of <i>Notobatrachus</i> (Amphibia, Salientia) from the Middle Jurassic of northwestern Patagonia. <i>Journal of Paleontology</i> 82(2): 372-376	† <i>Notobatrachus reigi</i>	Amphibia: Salientia: Anura: Ascaphidae	ARGENTINA: Chubut*
Baliński, Andrzej; Sun, Yuanlin (2008) Micromorphic brachiopods from the Lower Carboniferous of South China, and their life habits. <i>Fossils and Strata</i> 54: 105-115	† <i>Dacryrina dziki</i>	Brachiopoda: Lamdarinidae	CHINA: Guizhou*
Baliński, Andrzej; Sun, Yuanlin (2008) Micromorphic brachiopods from the Lower Carboniferous of South China, and their life habits. <i>Fossils and Strata</i> 54: 105-115	† <i>Lamdarina sinensis</i>	Brachiopoda: Lamdarinidae	CHINA: Guizhou*
Bamforth, Emily L.; Narbonne, Guy M.; Anderson, Michael M. (2008) Growth and ecology of a multi-branched ediacaran rangeomorph from the Mistaken Point Assemblage, Newfoundland. <i>Journal of Paleontology</i> 82(4): 763-777	† <i>Pectinifrons abyssalis</i>	Ediacara: Rangeomorpha	CANADA: Newfoundland and Labrador*
Bannikov, A.F.; Tyler, J.C. (2008) A new genus and species of triggerfish from the Middle Eocene of the Northern Caucasus, the earliest member of the Balistidae (Tetraodontiformes). <i>Paleontological Journal</i> 42(6): 615-620 [<i>Paleontologicheskii Zhurnal</i> 2008(6): 43-48 (in Russian)]	† <i>Gornylistes prodigosus</i> Bannikov & Tyler	Teleostei: Tetraodontiformes: Balistidae	RUSSIA: Krasnodar Region*
Bannikov, A.F.; Tyler, J.C. (2008) A new species of the pufferfish <i>Eotetraodon</i> (Tetraodontiformes, Tetraodontidae) from the Eocene of the Northern Caucasus. <i>Paleontological Journal</i> 42(5): 526-530 [<i>Paleontologicheskii Zhurnal</i> 2008(5): 71-75 (in Russian)]	† <i>Eotetraodon gornylutshensis</i> Bannikov & Tyler	Teleostei: Tetraodontiformes, Tetraodontidae	RUSSIA: Krasnodar Krai*
Bannikov, Alexandre F. (2008) A new genus and species of percoid fish from the Eocene of Bolca in northern Italy, a putative mojarra (Perciformes, Gerreidae). <i>Miscellanea Paleontologica</i> 9: 45-55	† <i>Aspesiperca ruffoi</i>	Perciformes: Gerreidae	ITALY: Veneto Region* (Verona Province)
Bannikov, Alexandre F. (2008) A new genus and species of putative euzaphlegid fish from the Eocene of Bolca in northern Italy (Perciformes, Trichiuroidea). <i>Miscellanea Paleontologica</i> 9: 99-107	† <i>Veronaphleges brunae</i>	Perciformes: Scombroidei: Trichiuroidea: Euzaphlegidae	ITALY: Veneto Region* (Verona Province)
Bannikov, Alexandre F. (2008) Revision of the atheriniform fish genera <i>Rhamphognathus</i> Agassiz and <i>Mesogaster</i> Agassiz (Teleostei) from the Eocene of Bolca, northern Italy. <i>Miscellanea Paleontologica</i> 9: 77-97	† <i>Latellagnathus teruzzii</i>	Atheriniformes: Atherinoidei: Mesogasteridae	ITALY: Veneto Region* (Verona Province)
Bannikov, Alexandre F. (2008) Two new genera for long known percoid fishes (Perciformes) from the Eocene of Bolca, Italy. <i>Miscellanea Paleontologica</i> 9: 29-44	† <i>Voltamulloides ceratorum</i>	Perciformes: Percoidei: fam. indet.	ITALY: Veneto Region* (Verona Province)
Baranov, V.V. (2008) Orthid brachiopods from the Lower and Middle Devonian of northeastern Russia. <i>Paleontological Journal</i> 42(4): 363-372 [<i>Paleontologicheskii Zhurnal</i> 2008(4): 31-38 (in Russian)]	† <i>Datnia asiatica</i> Baranov	Brachiopoda: Orthida: Dalmanellidina: Dalmanelloidea: Dalmanellidae	RUSSIA: (Cherskii Ridge Mountains, Tas-Khayakhathk Ridge)
Baranov, V.V. (2008) Orthid brachiopods from the Lower and Middle Devonian of northeastern Russia. <i>Paleontological Journal</i> 42(4): 363-372 [<i>Paleontologicheskii Zhurnal</i> 2008(4): 31-38 (in Russian)]	† <i>Elenia gerensis</i> Baranov	Brachiopoda: Orthida: Dalmanellidina: Dalmanelloidea: Dicoelosiidae	RUSSIA: (Cherskii Ridge Mountains, Tas-Khayakhathk Ridge)

Baranov, V.V. (2008) Orthid brachiopods from the Lower and Middle Devonian of northeastern Russia. Paleontological Journal 42(4): 363-372 [Paleontologicheskii Zhurnal 2008(4): 31-38 (in Russian)]	† <i>Elenia gerensis</i> Baranov	Brachiopoda: Orthida: Dalmanellidina: Dalmanelloidea: Dicoelosiidae	RUSSIA: (Selennyakh Ridge, Ralyndzha River, Gon Creek)
Baranov, V.V. (2008) Orthid brachiopods from the Lower and Middle Devonian of northeastern Russia. Paleontological Journal 42(4): 363-372 [Paleontologicheskii Zhurnal 2008(4): 31-38 (in Russian)]	† <i>Janzhinshinia</i> <i>datnensis</i> Baranov	Brachiopoda: Orthida: Dalmanellidina: Dalmanelloidea: Isorthidae	RUSSIA: (Cherskii Ridge Mountains, Tas-Khayakhatkh Ridge)
Baranov, V.V. (2008) Orthid brachiopods from the Lower and Middle Devonian of northeastern Russia. Paleontological Journal 42(4): 363-372 [Paleontologicheskii Zhurnal 2008(4): 31-38 (in Russian)]	† <i>Schizophoria distenta</i> Baranov	Brachiopoda: Orthida: Dalmanellidina: Enteletoidea: Schizophoriidae	RUSSIA: (Cherskii Ridge Mountains, Tas-Khayakhatkh Ridge)
Baranov, V.V. (2008) Orthid brachiopods from the Lower and Middle Devonian of northeastern Russia. Paleontological Journal 42(4): 363-372 [Paleontologicheskii Zhurnal 2008(4): 31-38 (in Russian)]	† <i>Schizophoria distenta</i> Baranov	Brachiopoda: Orthida: Dalmanellidina: Enteletoidea: Schizophoriidae	RUSSIA: (Selennyakh Ridge, Sakyndzha River, Vilka Creek)
Baranov, V.V. (2008) Orthid brachiopods from the Lower and Middle Devonian of northeastern Russia. Paleontological Journal 42(4): 363-372 [Paleontologicheskii Zhurnal 2008(4): 31-38 (in Russian)]	† <i>Simakovia rara</i> Baranov	Brachiopoda: Orthida: Dalmanellidina: Enteletoidea: Draboviidae	RUSSIA: (Cherskii Ridge Mountains, Tas-Khayakhatkh Ridge)
Barattolo, Filippo; Cozzi, Andrea; Romano, Roberta (2008) New dasycladalean algae from the Middle Norain (Upper Triassic) of northern Italy (Mt. Pramaggiore, Carnic Prealps). Facies 54(4): 549-580	† <i>Bystrickyella ottii</i>	Chlorophyta: Ulvophyceae: Dasycladales: Diploporaceae	ITALY: Friuli-Venezia Giulia Region* (Carnic Prealps)
Barattolo, Filippo; Cozzi, Andrea; Romano, Roberta (2008) New dasycladalean algae from the Middle Norain (Upper Triassic) of northern Italy (Mt. Pramaggiore, Carnic Prealps). Facies 54(4): 549-580	† <i>Elliottoporella</i> <i>morelloae</i>	Chlorophyta: Ulvophyceae: Dasycladales: Diploporaceae	ITALY: Friuli-Venezia Giulia Region* (Carnic Prealps)
Barattolo, Filippo; Cozzi, Andrea; Romano, Roberta (2008) New dasycladalean algae from the Middle Norain (Upper Triassic) of northern Italy (Mt. Pramaggiore, Carnic Prealps). Facies 54(4): 549-580	† <i>Holosporella conradii</i>	Chlorophyta: Ulvophyceae: Dasycladales: Diploporaceae	ITALY: Friuli-Venezia Giulia Region* (Carnic Prealps)
Barattolo, Filippo; Cozzi, Andrea; Romano, Roberta (2008) New dasycladalean algae from the Middle Norain (Upper Triassic) of northern Italy (Mt. Pramaggiore, Carnic Prealps). Facies 54(4): 549-580	† <i>Palaeodasycladus</i> <i>lorigae</i>	Chlorophyta: Ulvophyceae: Dasycladales: Diploporaceae	ITALY: Friuli-Venezia Giulia Region* (Carnic Prealps)

Barbosa, José Antonio; Kellner, Alexander Wilhelm Armin; Viana, Maria Somália Sales (2008) New dyrosaurid crocodylomorph and evidences for faunal turnover at the K-P transition in Brazil. <i>Proceedings of the Royal Society. B. Biological Sciences</i> 275(1641): 1385-1391	† <i>Guarinisuchus munizi</i>	Sauropsida: Crocodylomorpha: Neosuchia: Dryosauridae	BRAZIL: Pernambuco*
Barnes, Lawrence G. (2008) Miocene and Pliocene Albireonidae (Cetacea, Odontoceti), rare and unusual fossil dolphins from the eastern North Pacific Ocean. In: <i>Geology and Vertebrate Paleontology of Western and Southern North America: Contributions in Honor of David P. Whistler</i> . X. Wang and L.G. Barnes, eds. Natural History Museum of Los Angeles County Science Series 41. Natural History Museum of Los Angeles County: Los Angeles, pp. 99-152	† <i>Albireo savagei</i>	Mammalia: Cetacea: Albireonidae	USA: California: San Luis Obispo County*
Baroni Urbani, Cesare; de Andrade, Maria L. (2008) The ant tribe Dacetini: Limits and constituent genera, with descriptions of new species. <i>Annali del Museo Civico di Storia Naturale "Giacomo Doria"</i> 99: 1-191	† <i>Strumigenys pilosula</i> de Andrade	Hymenoptera: Formicidae	DOMINICAN REPUBLIC: NA* (Dominican amber)
Baroni Urbani, Cesare; de Andrade, Maria L. (2008) The ant tribe Dacetini: Limits and constituent genera, with descriptions of new species. <i>Annali del Museo Civico di Storia Naturale "Giacomo Doria"</i> 99: 1-191	† <i>Strumigenys poinari</i> Baroni Urbani & de Andrade	Hymenoptera: Formicidae	DOMINICAN REPUBLIC NA* (Dominican amber)
Baron-Szabo, Rosemarie C. (2008) Corals of the K/T-boundary: Scleractinian corals of the suborders Dendrophylliina, Caryophylliina, Fungiina, Microsolenina, and Stylinina. <i>Zootaxa</i> 1952:1-244	† <i>Polyphylloseris microkothos</i>	Cnidaria: Microsolenidae	JAMAICA: (Jerusalem Mountain Inlier)
Barreda, Viviana; Palazzesi, Luis; Tellería, María Cristina (2008) Fossil pollen grains of Asteraceae from the Miocene of Patagonia: Nassauviinae affinity. <i>Review of Palaeobotany and Palynology</i> 151(1-2): 51-58	† <i>Huanilipollis cabreræ</i> Barreda & Palazzesi	Angiospermae: Asteraceae	ARGENTINA: Chubut*
Barreda, Viviana; Palazzesi, Luis; Tellería, María Cristina (2008) Fossil pollen grains of Asteraceae from the Miocene of Patagonia: Nassauviinae affinity. <i>Review of Palaeobotany and Palynology</i> 151(1-2): 51-58	† <i>Huanilipollis criscii</i> Barreda & Palazzesi	Angiospermae: Asteraceae	ARGENTINA: Chubut*
Barrick, James E.; Heckel, Philip H.; Boardman, Darwin R. (2008) Review of the conodont <i>Idiognathodus simulator</i> (Ellison 1941), the marker species for the base of the Late Pennsylvanian global Gzhelian Stage. <i>Micropaleontology</i> 54(2): 125-137	† <i>Idiognathodus eudoraensis</i> Barrick, Heckel & Boardman	Conodontia: Ozarkodinida: Idiognathodontidae	USA: Illinois: Coles County*
Barrick, James E.; Heckel, Philip H.; Boardman, Darwin R. (2008) Review of the conodont <i>Idiognathodus simulator</i> (Ellison 1941), the marker species for the base of the Late Pennsylvanian global Gzhelian Stage. <i>Micropaleontology</i> 54(2): 125-137	† <i>Idiognathodus eudoraensis</i> Barrick, Heckel & Boardman	Conodontia: Ozarkodinida: Idiognathodontidae	USA: Illinois: LaSalle County*
Barrick, James E.; Heckel, Philip H.; Boardman, Darwin R. (2008) Review of the conodont <i>Idiognathodus simulator</i> (Ellison 1941), the marker species for the base of the Late Pennsylvanian global Gzhelian Stage. <i>Micropaleontology</i> 54(2): 125-137	† <i>Idiognathodus eudoraensis</i> Barrick, Heckel & Boardman	Conodontia: Ozarkodinida: Idiognathodontidae	USA: Iowa: Adair County*
Barrick, James E.; Heckel, Philip H.; Boardman, Darwin R. (2008) Review of the conodont <i>Idiognathodus simulator</i> (Ellison 1941), the marker species for the base of the Late Pennsylvanian global Gzhelian Stage. <i>Micropaleontology</i> 54(2): 125-137	† <i>Idiognathodus eudoraensis</i> Barrick, Heckel & Boardman	Conodontia: Ozarkodinida: Idiognathodontidae	USA: Iowa: Cass County*
Barrick, James E.; Heckel, Philip H.; Boardman, Darwin R. (2008) Review of the conodont <i>Idiognathodus simulator</i> (Ellison 1941), the marker species for the base of the Late Pennsylvanian global Gzhelian Stage. <i>Micropaleontology</i> 54(2): 125-137	† <i>Idiognathodus eudoraensis</i> Barrick, Heckel & Boardman	Conodontia: Ozarkodinida: Idiognathodontidae	USA: Iowa: Madison County*

Barrick, James E.; Heckel, Philip H.; Boardman, Darwin R. (2008) Review of the conodont <i>Idiognathodus simulator</i> (Ellison 1941), the marker species for the base of the Late Pennsylvanian global Gzhelian Stage. <i>Micropaleontology</i> 54(2): 125-137	† <i>Idiognathodus eudoraensis</i> Barrick, Heckel & Boardman	Conodontia: Ozarkodinida: Idiognathodontidae	USA: Kansas: Anderson County*
Barrick, James E.; Heckel, Philip H.; Boardman, Darwin R. (2008) Review of the conodont <i>Idiognathodus simulator</i> (Ellison 1941), the marker species for the base of the Late Pennsylvanian global Gzhelian Stage. <i>Micropaleontology</i> 54(2): 125-137	† <i>Idiognathodus eudoraensis</i> Barrick, Heckel & Boardman	Conodontia: Ozarkodinida: Idiognathodontidae	USA: Kansas: Chautauqua County*
Barrick, James E.; Heckel, Philip H.; Boardman, Darwin R. (2008) Review of the conodont <i>Idiognathodus simulator</i> (Ellison 1941), the marker species for the base of the Late Pennsylvanian global Gzhelian Stage. <i>Micropaleontology</i> 54(2): 125-137	† <i>Idiognathodus eudoraensis</i> Barrick, Heckel & Boardman	Conodontia: Ozarkodinida: Idiognathodontidae	USA: Kansas: Montgomery County*
Barrick, James E.; Heckel, Philip H.; Boardman, Darwin R. (2008) Review of the conodont <i>Idiognathodus simulator</i> (Ellison 1941), the marker species for the base of the Late Pennsylvanian global Gzhelian Stage. <i>Micropaleontology</i> 54(2): 125-137	† <i>Idiognathodus eudoraensis</i> Barrick, Heckel & Boardman	Conodontia: Ozarkodinida: Idiognathodontidae	USA: Missouri: Andrew County*
Barrick, James E.; Heckel, Philip H.; Boardman, Darwin R. (2008) Review of the conodont <i>Idiognathodus simulator</i> (Ellison 1941), the marker species for the base of the Late Pennsylvanian global Gzhelian Stage. <i>Micropaleontology</i> 54(2): 125-137	† <i>Idiognathodus eudoraensis</i> Barrick, Heckel & Boardman	Conodontia: Ozarkodinida: Idiognathodontidae	USA: Missouri: Platte County*
Barrick, James E.; Heckel, Philip H.; Boardman, Darwin R. (2008) Review of the conodont <i>Idiognathodus simulator</i> (Ellison 1941), the marker species for the base of the Late Pennsylvanian global Gzhelian Stage. <i>Micropaleontology</i> 54(2): 125-137	† <i>Idiognathodus eudoraensis</i> Barrick, Heckel & Boardman	Conodontia: Ozarkodinida: Idiognathodontidae	USA: Nebraska: Cass County*
Barrick, James E.; Heckel, Philip H.; Boardman, Darwin R. (2008) Review of the conodont <i>Idiognathodus simulator</i> (Ellison 1941), the marker species for the base of the Late Pennsylvanian global Gzhelian Stage. <i>Micropaleontology</i> 54(2): 125-137	† <i>Idiognathodus eudoraensis</i> Barrick, Heckel & Boardman	Conodontia: Ozarkodinida: Idiognathodontidae	USA: Oklahoma: Osage County*
Barrick, James E.; Heckel, Philip H.; Boardman, Darwin R. (2008) Review of the conodont <i>Idiognathodus simulator</i> (Ellison 1941), the marker species for the base of the Late Pennsylvanian global Gzhelian Stage. <i>Micropaleontology</i> 54(2): 125-137	† <i>Idiognathodus eudoraensis</i> Barrick, Heckel & Boardman	Conodontia: Ozarkodinida: Idiognathodontidae	USA: Oklahoma: Washington County*
Barrick, James E.; Heckel, Philip H.; Boardman, Darwin R. (2008) Review of the conodont <i>Idiognathodus simulator</i> (Ellison 1941), the marker species for the base of the Late Pennsylvanian global Gzhelian Stage. <i>Micropaleontology</i> 54(2): 125-137	† <i>Idiognathodus eudoraensis</i> Barrick, Heckel & Boardman	Conodontia: Ozarkodinida: Idiognathodontidae	USA: Texas: Brown County*
Barrick, James E.; Heckel, Philip H.; Boardman, Darwin R. (2008) Review of the conodont <i>Idiognathodus simulator</i> (Ellison 1941), the marker species for the base of the Late Pennsylvanian global Gzhelian Stage. <i>Micropaleontology</i> 54(2): 125-137	† <i>Idiognathodus eudoraensis</i> Barrick, Heckel & Boardman	Conodontia: Ozarkodinida: Idiognathodontidae	USA: Texas: Jack County*
Barrick, James E.; Heckel, Philip H.; Boardman, Darwin R. (2008) Review of the conodont <i>Idiognathodus simulator</i> (Ellison 1941), the marker species for the base of the Late Pennsylvanian global Gzhelian Stage. <i>Micropaleontology</i> 54(2): 125-137	† <i>Idiognathodus eudoraensis</i> Barrick, Heckel & Boardman	Conodontia: Ozarkodinida: Idiognathodontidae	USA: West Virginia: Harrison County*
Bartholomai, Alan (2008) Lower Cretaceous Chimaeroids (Chondrichthyes: Holocephali) from the Great Artesian Basin, Australia. <i>Memoirs of the Queensland Museum</i> 52(2): 49-56	† <i>Ptykoptychion wadeae</i>	Chondrichthyes: Chimaeriformes: Callorhynchidae	AUSTRALIA: Queensland*
Bashkuev, A.S. (2008) The first record of Kaltanidae (Insecta: Mecoptera: Kaltanidae) from the Permian of European Russia. <i>Paleontological Journal</i> 42(4): 401-405 [Paleontologicheskii Zhurnal 2008(4): 65-69 (in Russian)]	† <i>Kamochorista novokshonovi</i> Bashkuev	Mecoptera: Kaltanidae	RUSSIA: Udmurtia*
Bashkuev, A.S. (2008) The first record of Kaltanidae (Insecta: Mecoptera: Kaltanidae) from the Permian of European Russia. <i>Paleontological Journal</i> 42(4): 401-405 [Paleontologicheskii Zhurnal 2008(4): 65-69 (in Russian)]	† <i>Pseudochorista occidentalis</i> Bashkuev	Mecoptera: Kaltanidae	RUSSIA: Udmurtia*

Baucon, Andrea; Neto de Carvalho, Carlos (2008) From the river to the sea: Pramollo, a new ichnolagerstätte from the Carnic Alps (Carboniferous, Italy-Austria). Studi Trentini di Scienze Naturali. Acta Geologica 83: 87-114	† <i>Pramollichnus pastae</i>	Ichnospecies	AUSTRIA: Carinthia State*
Baucon, Andrea; Neto de Carvalho, Carlos (2008) From the river to the sea: Pramollo, a new ichnolagerstätte from the Carnic Alps (Carboniferous, Italy-Austria). Studi Trentini di Scienze Naturali. Acta Geologica 83: 87-114	† <i>Pramollichnus pastae</i>	Ichnospecies	ITALY: Piedmont Region* (Turin Province)
Beard, K. Christopher (2008) The oldest North American primate and mammalian biogeography during the Paleocene-Eocene Thermal Maximum. Proceedings of the National Academy of Sciences of the United States of America 105(10): 3815-3818	† <i>Teilhardina magnoliana</i>	Mammalia: Primates: Omomyidae	USA: Mississippi: Lauderdale County*
Beck, John H.; Strother, Paul K. (2008) Miospores and crytospores from the Silurian Section at Allenport, Pennsylvania, USA. Journal of Paleontology 82(5): 857-883	† <i>Rugosphaera falloambita</i>	Anteturma Cryptosporites: incertae sedis	USA: Pennsylvania: Huntingdon County*
Beck, John H.; Strother, Paul K. (2008) Miospores and crytospores from the Silurian Section at Allenport, Pennsylvania, USA. Journal of Paleontology 82(5): 857-883	† <i>Rugosphaera falloambita</i>	Anteturma Cryptosporites: incertae sedis	USA: Pennsylvania: Mifflin County*
Beck, John H.; Strother, Paul K. (2008) Miospores and crytospores from the Silurian Section at Allenport, Pennsylvania, USA. Journal of Paleontology 82(5): 857-883	† <i>Vermiverruspora cottera</i>	Anteturma Sporites: Turma Triletes: Subturma Zonotriletes: Infraturma Patinati	USA: Pennsylvania: Huntingdon County*
Beck, Robin M.D.; Archer, Michael; Godthelp, Henk; Mackness, Brian S.; Hand, Suzanne J.; Muirhead, Jeannette (2008) A bizarre new family of Marsupialia (<i>incertae sedis</i>) from the Early Pliocene of northeastern Australia: Implications for the phylogeny of bunodont marsupials. Journal of Paleontology 82(4): 749-762	† <i>Numbigilga ernielundeliusi</i>	Mammalia: Marsupialia: Numbigilgidae	AUSTRALIA: Queensland*
Bedatou, Emilio; Melchor, Ricardo N.; Bellosi, Eduardo; Genise, Jorge F. (2008) Crayfish burrows from Late Jurassic-Late Cretaceous continental deposits of Patagonia, Argentina: Their palaeoecological, palaeoclimatic and palaeobiogeographical significance. Palaeogeography, Palaeoclimatology, Palaeoecology 257(1-2): 169-184	† <i>Loloichnus baqueroensis</i> isp.n.	Ichnospecies	ARGENTINA
Bek, Jiří; Drábková, Jana; Dašková, Jiřina; Libertín, Milan (2008) The sub-arborescent lycopsid genus <i>Polysporia</i> Newberry and its spores from the Pennsylvanian (Bolsovian-Stephanian B) continental basins of the Czech Republic. Review of Palaeobotany and Palynology 152(3-4): 176-199	† <i>Polysporia drabekii</i>	Lycopodiophyta: Isoetales: Chaloneriaceae	CZECH REPUBLIC: Plzeň Region*
Bek, Jiří; Drábková, Jana; Dašková, Jiřina; Libertín, Milan (2008) The sub-arborescent lycopsid genus <i>Polysporia</i> Newberry and its spores from the Pennsylvanian (Bolsovian-Stephanian B) continental basins of the Czech Republic. Review of Palaeobotany and Palynology 152(3-4): 176-199	† <i>Polysporia radvanicensis</i>	Lycopodiophyta: Isoetales: Chaloneriaceae	CZECH REPUBLIC: (Radvanice -- there is one in Olomouc Region, Prerov Dist. and another in Hradec Kralové Region, Trutnov Dist.)

Bek, Jiří; Drábková, Jana; Dašková, Jiřina; Libertín, Milan (2008) The sub-arborescent lycopsid genus <i>Polysporia</i> Newberry and its spores from the Pennsylvanian (Bolsovian-Stephanian B) continental basins of the Czech Republic. Review of Palaeobotany and Palynology 152(3-4): 176-199	† <i>Polysporia rothwellii</i>	Lycopodiophyta: Isoetales: Chaloneriaceae	CZECH REPUBLIC: Central Bohemia Region*
Benedict, John C.; Pigg, Kathleen B.; DeVore, Melanie L. (2008) <i>Hamawilsonia boglei</i> gen. et sp. nov. (Hamamelidaceae) from the Late Paleocene Almont Flora of central North Dakota. International Journal of Plant Sciences 169(5): 687-700	† <i>Hamawilsonia boglei</i> Benedict, Pigg & DeVore	Angiospermae: Saxifragales: Hamamelidaceae	USA: North Dakota: Morton County*
Benner, Jacob S.; Ridge, John C.; Taft, Natalia K. (2008) Late Pleistocene freshwater fish (Cottidae) trackways from New England (USA) glacial lakes and a reinterpretation of the ichnogenus <i>Broomichnium</i> Kuhn. Palaeogeography, Palaeoclimatology, Palaeoecology 260(3-4): 375-388	† <i>Broomichnium permianum</i> isp.n.	Ichnospecies	USA: Vermont: Caledonia County*
Benner, Jacob S.; Ridge, John C.; Taft, Natalia K. (2008) Late Pleistocene freshwater fish (Cottidae) trackways from New England (USA) glacial lakes and a reinterpretation of the ichnogenus <i>Broomichnium</i> Kuhn. Palaeogeography, Palaeoclimatology, Palaeoecology 260(3-4): 375-388	† <i>Broomichnium permianum</i> isp.n.	Ichnospecies	USA: Vermont: Orange County*
Bennett, D.J.; Engel, M.S. (2008) <i>Pison menkei</i> , a new crabronid wasp in Dominican amber (Hymenoptera: Crabronidae). Beiträge zur Entomologie 58(1): 113-119	† <i>Pison menkei</i>	Hymenoptera: Crabronidae	DOMINICAN REPUBLIC: "Dominican amber"
Benson, Roger B.J. (2008) New information on <i>Stokesosaurus</i> , a tyrannosauroid (Dinosauria: Theropoda) from North America and the United Kingdom. Journal of Vertebrate Paleontology 28(3): 732-750	† <i>Stokesosaurus langhami</i>	Dinosauria: Theropoda: Tyrannosauroidae: fam. indet.	ENGLAND: Dorset*
Benzecry, Alice; Brack-Hanes, Sheila D. (2008) A new hydrocharitacean seagrass from the Eocene of Florida. Botanical Journal of the Linnean Society 157(1):19-30	† <i>Thalassites parkavonensis</i>	Angiospermae: Liliopsida: Hydrocharitaceae	USA: Florida: Levy County*
Berger, Günther (2008) Die fossilen Schlafmäuse (Gliridae, Rodentia, Mammalia) aus süddeutschen Spaltenfüllungen des Obereozäns und Unteroligozäns. Münchner Geowissenschaftliche Abhandlungen. Reihe A. Geologie und Paläontologie 41: 1-128	† <i>Moissenetia ziegleri</i>	Mammalia: Rodentia: Gliridae	GERMANY: Baden- Württemberg*
Berger, Günther (2008) Die fossilen Schlafmäuse (Gliridae, Rodentia, Mammalia) aus süddeutschen Spaltenfüllungen des Obereozäns und Unteroligozäns. Münchner Geowissenschaftliche Abhandlungen. Reihe A. Geologie und Paläontologie 41: 1-128	† <i>Moissenetia ziegleri</i>	Mammalia: Rodentia: Gliridae	GERMANY: Bavaria*
Bergue, Cristianini Trescastro; Coimbra, João Carlos (2008) Late Pleistocene and Holocene bathyal ostracodes from the Santos Basin, southeastern Brazil. Palaeontographica, Abteilung A. Paläozoologie, Stratigraphie 285(4-6): 101-144	† <i>Cobanocythere dubia</i>	Crustacea: Ostracoda: Podocopina: Cytheroidea: Microcytheridae	BRAZIL: Rio de Janeiro* (offshore)
Bergue, Cristianini Trescastro; Coimbra, João Carlos (2008) Late Pleistocene and Holocene bathyal ostracodes from the Santos Basin, southeastern Brazil. Palaeontographica, Abteilung A. Paläozoologie, Stratigraphie 285(4-6): 101-144	† <i>Cytheropteron amphigyum</i>	Crustacea: Ostracoda: Podocopina: Cytheroidea: Cytheruridae	BRAZIL: Rio de Janeiro* (offshore)

Bergue, Cristianini Trescastro; Coimbra, João Carlos (2008) Late Pleistocene and Holocene bathyal ostracodes from the Santos Basin, southeastern Brazil. Palaeontographica, Abteilung A. Paläozoologie, Stratigraphie 285(4-6): 101-144	† <i>Cytheropteron fissuratum</i>	Crustacea: Ostracoda: Podocopina: Cytheroidea: Cytheruridae	BRAZIL: Rio de Janeiro* (offshore)
Bergue, Cristianini Trescastro; Coimbra, João Carlos (2008) Late Pleistocene and Holocene bathyal ostracodes from the Santos Basin, southeastern Brazil. Palaeontographica, Abteilung A. Paläozoologie, Stratigraphie 285(4-6): 101-144	† <i>Eucythere macerata</i>	Crustacea: Ostracoda: Podocopina: Cytheroidea: Eucytheridae	BRAZIL: Rio de Janeiro* (offshore)
Bergue, Cristianini Trescastro; Coimbra, João Carlos (2008) Late Pleistocene and Holocene bathyal ostracodes from the Santos Basin, southeastern Brazil. Palaeontographica, Abteilung A. Paläozoologie, Stratigraphie 285(4-6): 101-144	† <i>Eucythere macerata</i>	Crustacea: Ostracoda: Podocopina: Cytheroidea: Eucytheridae	BRAZIL: Rio Grande do Sul* (offshore)
Bergue, Cristianini Trescastro; Coimbra, João Carlos (2008) Late Pleistocene and Holocene bathyal ostracodes from the Santos Basin, southeastern Brazil. Palaeontographica, Abteilung A. Paläozoologie, Stratigraphie 285(4-6): 101-144	† <i>Microcythere cronini</i>	Crustacea: Ostracoda: Podocopina: Cytheroidea: Microcytheridae	BRAZIL: Rio de Janeiro* (offshore)
Bergue, Cristianini Trescastro; Coimbra, João Carlos (2008) Late Pleistocene and Holocene bathyal ostracodes from the Santos Basin, southeastern Brazil. Palaeontographica, Abteilung A. Paläozoologie, Stratigraphie 285(4-6): 101-144	† <i>Parakrithe carmoi</i>	Crustacea: Ostracoda: Podocopina: Cytheroidea: Krithidae	ATLANTIC OCEAN (southern, Rio Grande Rise)
Bergue, Cristianini Trescastro; Coimbra, João Carlos (2008) Late Pleistocene and Holocene bathyal ostracodes from the Santos Basin, southeastern Brazil. Palaeontographica, Abteilung A. Paläozoologie, Stratigraphie 285(4-6): 101-144	† <i>Parakrithe carmoi</i>	Crustacea: Ostracoda: Podocopina: Cytheroidea: Krithidae	BAHAMAS (NA, presumably offshore)
Bergue, Cristianini Trescastro; Coimbra, João Carlos (2008) Late Pleistocene and Holocene bathyal ostracodes from the Santos Basin, southeastern Brazil. Palaeontographica, Abteilung A. Paläozoologie, Stratigraphie 285(4-6): 101-144	† <i>Parakrithe carmoi</i>	Crustacea: Ostracoda: Podocopina: Cytheroidea: Krithidae	BRAZIL: Rio de Janeiro* (offshore)
Bergue, Cristianini Trescastro; Coimbra, João Carlos (2008) Late Pleistocene and Holocene bathyal ostracodes from the Santos Basin, southeastern Brazil. Palaeontographica, Abteilung A. Paläozoologie, Stratigraphie 285(4-6): 101-144	† <i>Parakrithe carmoi</i>	Crustacea: Ostracoda: Podocopina: Cytheroidea: Krithidae	USA: Florida: NA* (presumably offshore)

Bergue, Cristianini Trescastro; Coimbra, João Carlos (2008) Late Pleistocene and Holocene bathyal ostracodes from the Santos Basin, southeastern Brazil. <i>Palaeontographica, Abteilung A. Paläozoologie, Stratigraphie</i> 285(4-6): 101-144	† <i>Pontocythere ornatolanguida</i>	Crustacea: Ostracoda: Podocopina: Cytheroidea: Cytheridae	BRAZIL: Rio de Janeiro* (offshore)
Bergue, Cristianini Trescastro; Coimbra, João Carlos (2008) Late Pleistocene and Holocene bathyal ostracodes from the Santos Basin, southeastern Brazil. <i>Palaeontographica, Abteilung A. Paläozoologie, Stratigraphie</i> 285(4-6): 101-144	† <i>Saida minuta</i>	Crustacea: Ostracoda: Podocopina: Cytheroidea: Cytheridae	BRAZIL: Rio de Janeiro* (offshore)
Bergue, Cristianini Trescastro; Coimbra, João Carlos (2008) Late Pleistocene and Holocene bathyal ostracodes from the Santos Basin, southeastern Brazil. <i>Palaeontographica, Abteilung A. Paläozoologie, Stratigraphie</i> 285(4-6): 101-144	† <i>Saida minuta</i>	Crustacea: Ostracoda: Podocopina: Cytheroidea: Cytheridae	BRAZIL: Rio Grande do Sul* (offshore)
Bergue, Cristianini Trescastro; Coimbra, João Carlos (2008) Late Pleistocene and Holocene bathyal ostracodes from the Santos Basin, southeastern Brazil. <i>Palaeontographica, Abteilung A. Paläozoologie, Stratigraphie</i> 285(4-6): 101-144	† <i>Saida minuta</i>	Crustacea: Ostracoda: Podocopina: Cytheroidea: Cytheridae	USA: Florida* (NA, presumably offshore)
Bergue, Cristianini Trescastro; Coimbra, João Carlos (2008) Late Pleistocene and Holocene bathyal ostracodes from the Santos Basin, southeastern Brazil. <i>Palaeontographica, Abteilung A. Paläozoologie, Stratigraphie</i> 285(4-6): 101-144	† <i>Trachyleberis aorata</i>	Crustacea: Ostracoda: Podocopina: Cytheroidea: Trachyleberididae	BRAZIL: Rio de Janeiro* (offshore)
Bergue, Cristianini Trescastro; Coimbra, João Carlos (2008) Late Pleistocene and Holocene bathyal ostracodes from the Santos Basin, southeastern Brazil. <i>Palaeontographica, Abteilung A. Paläozoologie, Stratigraphie</i> 285(4-6): 101-144	† <i>Trachyleberis aorata</i>	Crustacea: Ostracoda: Podocopina: Cytheroidea: Trachyleberididae	BRAZIL: Santa Catarina* (offshore)
Berkowski, Błażej (2008) Emsian deep-water Rugosa assemblages of Hamar Laghdad (Devonian, Anti-Atlas, Morocco). <i>Palaeontographica, Abteilung A. Paläozoologie, Stratigraphie</i> 284(1-3): 17-68	† <i>Berberia kesskessi</i>	Cnidaria: Anthozoa: Rugosa: Stereolasmatina: Hapsiphyllidae	MOROCCO: Meknès-Tafilalet Region*
Berkowski, Błażej (2008) Emsian deep-water Rugosa assemblages of Hamar Laghdad (Devonian, Anti-Atlas, Morocco). <i>Palaeontographica, Abteilung A. Paläozoologie, Stratigraphie</i> 284(1-3): 17-68	† <i>Boolelasma magnum</i>	Cnidaria: Anthozoa: Rugosa: Cyathaxoniina: Protozaphrentidae	MOROCCO: Meknès-Tafilalet Region*
Berkowski, Błażej (2008) Emsian deep-water Rugosa assemblages of Hamar Laghdad (Devonian, Anti-Atlas, Morocco). <i>Palaeontographica, Abteilung A. Paläozoologie, Stratigraphie</i> 284(1-3): 17-68	† <i>Catactotoechus instabilis</i>	Cnidaria: Anthozoa: Rugosa: Cyathaxoniina: Petraiidae	MOROCCO: Meknès-Tafilalet Region*

Berkowski, Błażej (2008) Emsian deep-water Rugosa assemblages of Hamar Laghdad (Devonian, Anti-Atlas, Morocco). Palaeontographica, Abteilung A. Paläozoologie, Stratigraphie 284(1-3): 17-68	† <i>Enterolasma pachythea</i>	Cnidaria: Anthozoa: Rugosa: Streptelasmatidae	MOROCCO: Meknès-Tafilalet Region*
Berkowski, Błażej (2008) Emsian deep-water Rugosa assemblages of Hamar Laghdad (Devonian, Anti-Atlas, Morocco). Palaeontographica, Abteilung A. Paläozoologie, Stratigraphie 284(1-3): 17-68	† <i>Erfoudia eisenmanni</i>	Cnidaria: Anthozoa: Rugosa: Cyathaxoniina: Petraiidae	MOROCCO: Meknès-Tafilalet Region*
Berkowski, Błażej (2008) Emsian deep-water Rugosa assemblages of Hamar Laghdad (Devonian, Anti-Atlas, Morocco). Palaeontographica, Abteilung A. Paläozoologie, Stratigraphie 284(1-3): 17-68	† <i>Marocaxon laticalix</i>	Cnidaria: Anthozoa: Rugosa: Cyathaxoniina: Petraiidae	MOROCCO: Meknès-Tafilalet Region*
Berkowski, Błażej (2008) Emsian deep-water Rugosa assemblages of Hamar Laghdad (Devonian, Anti-Atlas, Morocco). Palaeontographica, Abteilung A. Paläozoologie, Stratigraphie 284(1-3): 17-68	† <i>Marocaxon subcylindricus</i>	Cnidaria: Anthozoa: Rugosa: Cyathaxoniina: Petraiidae	MOROCCO: Meknès-Tafilalet Region*
Berkowski, Błażej (2008) Emsian deep-water Rugosa assemblages of Hamar Laghdad (Devonian, Anti-Atlas, Morocco). Palaeontographica, Abteilung A. Paläozoologie, Stratigraphie 284(1-3): 17-68	† <i>Pentacyathus arduus</i>	Cnidaria: Anthozoa: Rugosa: Plerophyllina: Plerophyllidae	MOROCCO: Meknès-Tafilalet Region*
Berkowski, Błażej (2008) Emsian deep-water Rugosa assemblages of Hamar Laghdad (Devonian, Anti-Atlas, Morocco). Palaeontographica, Abteilung A. Paläozoologie, Stratigraphie 284(1-3): 17-68	† <i>Pentacyathus tenuis</i>	Cnidaria: Anthozoa: Rugosa: Plerophyllina: Plerophyllidae	MOROCCO: Meknès-Tafilalet Region*
Berkowski, Błażej (2008) Emsian deep-water Rugosa assemblages of Hamar Laghdad (Devonian, Anti-Atlas, Morocco). Palaeontographica, Abteilung A. Paläozoologie, Stratigraphie 284(1-3): 17-68	† <i>Pentacyathus variabilis</i>	Cnidaria: Anthozoa: Rugosa: Plerophyllina: Plerophyllidae	MOROCCO: Meknès-Tafilalet Region*
Berkowski, Błażej (2008) Emsian deep-water Rugosa assemblages of Hamar Laghdad (Devonian, Anti-Atlas, Morocco). Palaeontographica, Abteilung A. Paläozoologie, Stratigraphie 284(1-3): 17-68	† <i>Schindewolfia concors</i>	Cnidaria: Anthozoa: Rugosa: Cyathaxoniina: Cyathaxoniidae	MOROCCO: Meknès-Tafilalet Region*
Berkowski, Błażej (2008) Emsian deep-water Rugosa assemblages of Hamar Laghdad (Devonian, Anti-Atlas, Morocco). Palaeontographica, Abteilung A. Paläozoologie, Stratigraphie 284(1-3): 17-68	† <i>Schindewolfia solida</i>	Cnidaria: Anthozoa: Rugosa: Cyathaxoniina: Cyathaxoniidae	MOROCCO: Meknès-Tafilalet Region*
Berkowski, Błażej (2008) Emsian deep-water Rugosa assemblages of Hamar Laghdad (Devonian, Anti-Atlas, Morocco). Palaeontographica, Abteilung A. Paläozoologie, Stratigraphie 284(1-3): 17-68	† <i>Schindewolfia tenera</i>	Cnidaria: Anthozoa: Rugosa: Cyathaxoniina: Cyathaxoniidae	MOROCCO: Meknès-Tafilalet Region*
Berkowski, Błażej (2008) Emsian deep-water Rugosa assemblages of Hamar Laghdad (Devonian, Anti-Atlas, Morocco). Palaeontographica, Abteilung A. Paläozoologie, Stratigraphie 284(1-3): 17-68	† <i>Sutherlandinia anna</i>	Cnidaria: Anthozoa: Rugosa: Cyathaxoniina: Protozaphrentidae	MOROCCO: Meknès-Tafilalet Region*

Berkowski, Błażej (2008) Emsian deep-water Rugosa assemblages of Hamar Laghdad (Devonian, Anti-Atlas, Morocco). <i>Palaeontographica, Abteilung A. Paläozoologie, Stratigraphie</i> 284(1-3): 17-68	† <i>Syringaxon exiguus</i>	Cnidaria: Anthozoa: Rugosa: Cyathaxoniina: Cyathaxoniidae	MOROCCO: Meknès-Tafilalet Region*
Berkowski, Błażej (2008) Emsian deep-water Rugosa assemblages of Hamar Laghdad (Devonian, Anti-Atlas, Morocco). <i>Palaeontographica, Abteilung A. Paläozoologie, Stratigraphie</i> 284(1-3): 17-68	† <i>Syringaxon firmipes</i>	Cnidaria: Anthozoa: Rugosa: Cyathaxoniina: Cyathaxoniidae	MOROCCO: Meknès-Tafilalet Region*
Bert, Didier (2008) Description de deux nouvelles ammonites hétéromorphes albiennes des genres <i>Astiericeras</i> Parona & Bonarelli, 1897 et <i>Triplaniceras</i> nov. gen. (Crétacé inférieur, sud-est de la France) - Implications évolutives et taxinomiques. <i>Revue de Paléobiologie</i> 27(1): 73-79	† <i>Astiericeras elixis</i>	Mollusca: Cephalopoda: Ammonoidea: Astiericeratidae	FRANCE: Provence-Alpes-Côte d'Azur Region* (Alpes-Maritimes Department)
Bert, Didier (2008) Description de deux nouvelles ammonites hétéromorphes albiennes des genres <i>Astiericeras</i> Parona & Bonarelli, 1897 et <i>Triplaniceras</i> nov. gen. (Crétacé inférieur, sud-est de la France) - Implications évolutives et taxinomiques. <i>Revue de Paléobiologie</i> 27(1): 73-79	† <i>Triplaniceras delanoyi</i>	Mollusca: Cephalopoda: Ammonoidea: Hamitidae	FRANCE: Provence-Alpes-Côte d'Azur Region* (Alpes-Maritimes Department)
Beu, Alan G. (2008) Recent deep-water Cassidae of the world. A revision of <i>Galeodea</i> , <i>Oocorys</i> , <i>Sconsia</i> , <i>Echinophoria</i> and related taxa, with new genera and species (Mollusca, Gastropoda). In: Héros, Virginie; Cowie, Robert H.; Buchet, Philippe (eds.) (2008) <i>Tropical Deep-Sea Benthos</i> , Volume 25. <i>Mémoires du Muséum National d'Histoire Naturelle</i> , Tome 196. Publications Scientifiques du Muséum: Paris, pp. 269-387	† <i>Galeodea plauta</i>	Mollusca: Gastropoda: Cassidae	NEW ZEALAND: Auckland*
Beu, Alan G. (2008) Recent deep-water Cassidae of the world. A revision of <i>Galeodea</i> , <i>Oocorys</i> , <i>Sconsia</i> , <i>Echinophoria</i> and related taxa, with new genera and species (Mollusca, Gastropoda). In: Héros, Virginie; Cowie, Robert H.; Buchet, Philippe (eds.) (2008) <i>Tropical Deep-Sea Benthos</i> , Volume 25. <i>Mémoires du Muséum National d'Histoire Naturelle</i> , Tome 196. Publications Scientifiques du Muséum: Paris, pp. 269-387	† <i>Galeodea plauta</i>	Mollusca: Gastropoda: Cassidae	NEW ZEALAND: Manawatu-Wanganui*
Beu, Alan G. (2008) Recent deep-water Cassidae of the world. A revision of <i>Galeodea</i> , <i>Oocorys</i> , <i>Sconsia</i> , <i>Echinophoria</i> and related taxa, with new genera and species (Mollusca, Gastropoda). In: Héros, Virginie; Cowie, Robert H.; Buchet, Philippe (eds.) (2008) <i>Tropical Deep-Sea Benthos</i> , Volume 25. <i>Mémoires du Muséum National d'Histoire Naturelle</i> , Tome 196. Publications Scientifiques du Muséum: Paris, pp. 269-387	† <i>Galeodea plauta</i>	Mollusca: Gastropoda: Cassidae	NEW ZEALAND: Northland*
Beuck, Lydia; López Correa, Matthias; Freiwald, André (2008) Biogeographical distribution of <i>Hyrrokkin</i> (Rosalinidae, Foraminifera) and its host-specific morphological and textural trace variability. In: <i>Current Developments in Bioerosion</i> (Max Wisshak and Leif Tapanila, eds.) Springer: Berlin, pp. 329-360	† <i>Kardopomorphos polydioryx</i> isp.n.	Ichnospecies	ITALY

Beuck, Lydia; Wisshak, Max; Munnecke, Axel; Freiwald, André (2008) A giant boring in a Silurian stromatoporoid analysed by computer tomography. <i>Acta Palaeontologica Polonica</i> 53(1): 149-160	† <i>Osprioneides kampto</i> isp. n. Beuck & Wisshak	Ichnospecies	SWEDEN: Gotland*
Bhandari, Anil; Kundal, Som Nath (2008) Ostracodes from the Nagrota Formation, Upper Siwalik Subgroup, Jammu, India. <i>Revista Española de Micropaleontología</i> 40(1-2): 151-166	† <i>Vestalenula jammuensis</i>	Crustacea: Ostracoda: Darwinulidae	INDIA: Jammu and Kashmir*
Bhandari, Anil; Kundal, Som Nath (2008) Ostracodes from the Nagrota Formation, Upper Siwalik Subgroup, Jammu, India. <i>Revista Española de Micropaleontología</i> 40(1-2): 151-166	† <i>Zonocypris barakhetarensis</i>	Crustacea: Ostracoda: Zonocypridae	INDIA: Jammu and Kashmir*
Bi, Shundong; Meng, Jin; Wu, Wenyu (2008) A new species of <i>Megacricetodon</i> (Cricetidae, Rodentia, Mammalia) from the Middle Miocene of northern Junggar Basin, China. <i>American Museum Novitates</i> 3602: 1-23	† <i>Megacricetodon yei</i>	Mammalia: Rodentia: Cricetidae	CHINA: Xinjiang*
Biakov, A.S. (2008) New ideas on the system of the Permian <i>Inoceramus</i> -like bivalves of the eastern Boreal zone. <i>Paleontological Journal</i> 42(3): 232-242 [<i>Paleontologicheskii Zhurnal</i> 2008(3): 12-23 (in Russian)]	† <i>Praekolymia archboldi</i> Biakov	Mollusca: Bivalvia: Kolymidae	RUSSIA: Sakha Republic / Yakutia*
Biakov, A.S. (2008) New ideas on the system of the Permian <i>Inoceramus</i> -like bivalves of the eastern Boreal zone. <i>Paleontological Journal</i> 42(3): 232-242 [<i>Paleontologicheskii Zhurnal</i> 2008(3): 12-23 (in Russian)]	† <i>Praekolymia urbajtsae</i> Biakov	Mollusca: Bivalvia: Kolymidae	RUSSIA: (Omolon Massif, Malaya Aulanzha River)
Biakov, A.S. (2008) New ideas on the system of the Permian <i>Inoceramus</i> -like bivalves of the eastern Boreal zone. <i>Paleontological Journal</i> 42(3): 232-242 [<i>Paleontologicheskii Zhurnal</i> 2008(3): 12-23 (in Russian)]	† <i>Praekolymia urbajtsae</i> Biakov	Mollusca: Bivalvia: Kolymidae	RUSSIA: (Omolon Massif, Pravyi Vodopadnyi Creek, Khivach River basin)
Biakov, A.S. (2008) New ideas on the system of the Permian <i>Inoceramus</i> -like bivalves of the eastern Boreal zone. <i>Paleontological Journal</i> 42(3): 232-242 [<i>Paleontologicheskii Zhurnal</i> 2008(3): 12-23 (in Russian)]	† <i>Taimyrokolymia ustritskyi</i> Biakov	Mollusca: Bivalvia: Kolymidae	RUSSIA: Krasnoyarsk Krai*
Biakov, A.S. (2008) New ideas on the system of the Permian <i>Inoceramus</i> -like bivalves of the eastern Boreal zone. <i>Paleontological Journal</i> 42(3): 232-242 [<i>Paleontologicheskii Zhurnal</i> 2008(3): 12-23 (in Russian)]	† <i>Taimyrokolymia ustritskyi</i> Biakov	Mollusca: Bivalvia: Kolymidae	RUSSIA: Sakha Republic / Yakutia*
Bilardo, Armando; Rocchi, Saverio (2008) Haliplidae, Noteridae, Dytiscidae (Coleoptera) du Gabon (6ème partie). <i>Parc National des Plateaux Batéké (missions 2005 et 2006). Atti della Società Italiana di Scienze Naturali e del Museo Civico di Storia Naturale in Milano</i> 149(2): 195-238	† <i>Copelatus calaquei</i>	Coleoptera: Hydradephaga: Dytiscidae	GABON: Haut-Ogooué Province*
Bilardo, Armando; Rocchi, Saverio (2008) Haliplidae, Noteridae, Dytiscidae (Coleoptera) du Gabon (6ème partie). <i>Parc National des Plateaux Batéké (missions 2005 et 2006). Atti della Società Italiana di Scienze Naturali e del Museo Civico di Storia Naturale in Milano</i> 149(2): 195-238	† <i>Copelatus curvispinis</i>	Coleoptera: Hydradephaga: Dytiscidae	GABON: Haut-Ogooué Province*
Bilardo, Armando; Rocchi, Saverio (2008) Haliplidae, Noteridae, Dytiscidae (Coleoptera) du Gabon (6ème partie). <i>Parc National des Plateaux Batéké (missions 2005 et 2006). Atti della Società Italiana di Scienze Naturali e del Museo Civico di Storia Naturale in Milano</i> 149(2): 195-238	† <i>Copelatus cynthiae</i>	Coleoptera: Hydradephaga: Dytiscidae	GABON: Haut-Ogooué Province*

Bilardo, Armando; Rocchi, Saverio (2008) Haliplidae, Noteridae, Dytiscidae (Coleoptera) du Gabon (6ème partie). Parc National des Plateaux Batéké (missions 2005 et 2006). Atti della Società Italiana di Scienze Naturali e del Museo Civico di Storia Naturale in Milano 149(2): 195-238	† <i>Hydrovatus longistilus</i>	Coleoptera: Hydradephaga: Dytiscidae	GABON: Haut-Ogooué Province*
Bilardo, Armando; Rocchi, Saverio (2008) Haliplidae, Noteridae, Dytiscidae (Coleoptera) du Gabon (6ème partie). Parc National des Plateaux Batéké (missions 2005 et 2006). Atti della Società Italiana di Scienze Naturali e del Museo Civico di Storia Naturale in Milano 149(2): 195-238	† <i>Hyphydrus ntsa</i>	Coleoptera: Hydradephaga: Dytiscidae	GABON: Haut-Ogooué Province*
Bilardo, Armando; Rocchi, Saverio (2008) Haliplidae, Noteridae, Dytiscidae (Coleoptera) du Gabon (6ème partie). Parc National des Plateaux Batéké (missions 2005 et 2006). Atti della Società Italiana di Scienze Naturali e del Museo Civico di Storia Naturale in Milano 149(2): 195-238	† <i>Uvarus absconditus</i>	Coleoptera: Hydradephaga: Dytiscidae	GABON: Haut-Ogooué Province*
Bilardo, Armando; Rocchi, Saverio (2008) Haliplidae, Noteridae, Dytiscidae (Coleoptera) du Gabon (6ème partie). Parc National des Plateaux Batéké (missions 2005 et 2006). Atti della Società Italiana di Scienze Naturali e del Museo Civico di Storia Naturale in Milano 149(2): 195-238	† <i>Uvarus lorenzoi</i>	Coleoptera: Hydradephaga: Dytiscidae	GABON: Haut-Ogooué Province*
Bilardo, Armando; Rocchi, Saverio (2008) Haliplidae, Noteridae, Dytiscidae (Coleoptera) du Gabon (6ème partie). Parc National des Plateaux Batéké (missions 2005 et 2006). Atti della Società Italiana di Scienze Naturali e del Museo Civico di Storia Naturale in Milano 149(2): 195-238	† <i>Uvarus osserensis</i>	Coleoptera: Hydradephaga: Dytiscidae	GABON: Haut-Ogooué Province*
Bilardo, Armando; Rocchi, Saverio (2008) Haliplidae, Noteridae, Dytiscidae (Coleoptera) du Gabon (6ème partie). Parc National des Plateaux Batéké (missions 2005 et 2006). Atti della Società Italiana di Scienze Naturali e del Museo Civico di Storia Naturale in Milano 149(2): 195-238	† <i>Uvarus pearsonae</i>	Coleoptera: Hydradephaga: Dytiscidae	GABON: Haut-Ogooué Province*
Bilardo, Armando; Rocchi, Saverio (2008) Haliplidae, Noteridae, Dytiscidae (Coleoptera) du Gabon (6ème partie). Parc National des Plateaux Batéké (missions 2005 et 2006). Atti della Società Italiana di Scienze Naturali e del Museo Civico di Storia Naturale in Milano 149(2): 195-238	† <i>Yola batekensis</i>	Coleoptera: Hydradephaga: Dytiscidae	GABON: Haut-Ogooué Province*
Billet, Guillaume; de Muizon, Christian; Quispe, Bernardino Mamani (2008) Late Oligocene mesotheriids (Mammalia, Notoungulata) from Salla and Lacayani (Bolivia): Implications for basal mesotheriid phylogeny and distribution. Zoological Journal of the Linnean Society 152(1):153-200	† <i>Trachytherus alloxus</i>	Mammalia: Notoungulata: Mesotheriidae	BOLIVIA: La Paz*
Birkenmajer, Krzysztof; Ociepa, Anna Maria (2008) Plant-bearing Jurassic strata at Hope Bay, Antarctic Peninsula (West Antarctica): Geology and fossil-plant description. Studia Geologica Polonica 128: 5-96	† <i>Crossozamia mirabilis</i> Ociepa	Cycadophyta: Cycadales:	ANTARCTICA (Hope Bay)
Birkenmajer, Krzysztof; Ociepa, Anna Maria (2008) Plant-bearing Jurassic strata at Hope Bay, Antarctic Peninsula (West Antarctica): Geology and fossil-plant description. Studia Geologica Polonica 128: 5-96	† <i>Pagiophyllum arcowski</i> Ociepa	Pinophyta: Coniferales: Cheirolepidiaceae	ANTARCTICA (Hope Bay)
Bitner, Maria Aleksandra; Dulai, Alfréd (2008) Eocene micromorphic brachiopods from north-western Hungary. Geologica Carpathica 59(1): 31-43	† <i>Argyrotheca tokodensis</i>	Brachiopoda: Megathyridoidea: Megathyrididae	HUNGARY: Fejér County*

Bitner, Maria Aleksandra; Dulai, Alfréd (2008) Eocene micromorphic brachiopods from north-western Hungary. <i>Geologica Carpathica</i> 59(1): 31-43	† <i>Argyrotheca tokodensis</i>	Brachiopoda: Megathyridoidea: Megathyrididae	HUNGARY: Komárom-Esztergom County*
Blake, Daniel B. (2008) A new Ordovician asteroid (Echinodermata) with somasteroid-like skeletal elements. <i>Journal of Paleontology</i> 82(4): 645-656	† <i>Embolaster graffhami</i>	Echinodermata: Asteroidea: Embolasteridae	USA: Oklahoma: Carter County* (Dunn Quarry, Criner Hills)
Blau, Joachim; Meister, Christian; Schmidt-Effing, Reinhard; Villaseñor, Ana B. (2008) A new fossiliferous site of Lower Liassic (Upper Sinemurian) marine sediments from the southern Sierra Madre Oriental (Puebla, Mexico): Ammonite fauna, biostratigraphy, and description of <i>Ectocentrites hillebrandti</i> new species. <i>Revista Mexicana de Ciencias Geológicas</i> 25(30): 402-407	† <i>Ectocentrites hillebrandti</i>	Psiloceratida: Lytoceratoidea: Pleuroacanthidae	MEXICO: Puebla State*
Blokhina, N.I.; Bondarenko, O.V. (2008) New species of pinaceous fossil wood from the Pliocene of southern Primorye (Russian Far East). <i>Paleontological Journal</i> 42(2): 203-210 [Paleontologicheskii Zhurnal 2008(2): 96-103 (in Russian)]	† <i>Abies chavchavadzeae</i> Blokhina & O.V. Bondarenko	Pinophyta: Pinales: Pinaceae	RUSSIA: Primorsky Krai*
Blokhina, N.I.; Bondarenko, O.V. (2008) New species of pinaceous fossil wood from the Pliocene of southern Primorye (Russian Far East). <i>Paleontological Journal</i> 42(2): 203-210 [Paleontologicheskii Zhurnal 2008(2): 96-103 (in Russian)]	† <i>Piceoxylon ussuriense</i> Blokhina & O.V. Bondarenko	Pinophyta: Pinales: Pinaceae	RUSSIA: Primorsky Krai*
Blom, Henning (2008) A new anaspid fish from the Middle Silurian Cowie Harbour fish bed of Stonehaven, Scotland. <i>Journal of Vertebrate Paleontology</i> 28(3): 594-600	† <i>Cowielepis ritchiei</i>	Anaspida: Birkeniida: fam. indet.	SCOTLAND: Aberdeenshire*
Bochenski, Zygmunt; Bochenski, Zbigniew M. (2008) An Old World hummingbird from the Oligocene: A new fossil from Polish Carpathians. <i>Journal of Ornithology</i> 149(2):211-216	† <i>Eurotrochilus noniewiczzi</i>	Aves: Trochilidae	POLAND: Subcarpathian Voivodeship*
Bohatý, Jan (2008) Paläozoische Crinoiden (Echinodermata) aus der historischen Petrefaktensammlung Sandberger (Wiesbaden). Teil 1. Camerata (Hexacrinitidae). <i>Jahrbücher des Nassausichen Vereins für Naturkunde</i> 129: 5-27	†? <i>Hexacrinites campaniformis</i>	Echinodermata: Crinoidea: Camerata: Monobathrida: Hexacrinitidae	GERMANY: Hesse State*
Bohatý, Jan (2008) Paläozoische Crinoiden (Echinodermata) aus der historischen Petrefaktensammlung Sandberger (Wiesbaden). Teil 1. Camerata (Hexacrinitidae). <i>Jahrbücher des Nassausichen Vereins für Naturkunde</i> 129: 5-27	†? <i>Hexacrinites heidelbergeri</i>	Echinodermata: Crinoidea: Camerata: Monobathrida: Hexacrinitidae	GERMANY: Hesse State*
Bohatý, Jan (2008) Paläozoische Crinoiden (Echinodermata) aus der historischen Petrefaktensammlung Sandberger (Wiesbaden). Teil 1. Camerata (Hexacrinitidae). <i>Jahrbücher des Nassausichen Vereins für Naturkunde</i> 129: 5-27	†? <i>Hexacrinites villmarensis</i>	Echinodermata: Crinoidea: Camerata: Monobathrida: Hexacrinitidae	GERMANY: Hesse State*

Böhme, Madelaine (2008) Ectothermic vertebrates (Teleostei, Allocaudata, Urodela, Anura, Testudines, Choristodera, Crocodylia, Squamata) from the Upper Oligocene of Oberleichtersbach (Northern Bavaria, Germany). In: Fossilgemeinschaften der Doline Oberleichtersbach (Oligozän). E. Martini, ed. Courier Forschungsinstitut Senckenberg, Nr. 260. Schweizerbart'sche: Stuttgart, pp. 161-183	† <i>Cobitis primigenus</i>	Teleostei: Cobitidae	GERMANY: Bavaria State*
Böhme, Madelaine (2008) Ectothermic vertebrates (Teleostei, Allocaudata, Urodela, Anura, Testudines, Choristodera, Crocodylia, Squamata) from the Upper Oligocene of Oberleichtersbach (Northern Bavaria, Germany). In: Fossilgemeinschaften der Doline Oberleichtersbach (Oligozän). E. Martini, ed. Courier Forschungsinstitut Senckenberg, Nr. 260. Schweizerbart'sche: Stuttgart, pp. 161-183	† <i>Texasophis hecki</i>	Reptilia: Squamata: Colubridae	GERMANY: Bavaria State*
Boiko, M.S.; Leonova, T.B.; Mu, Lin (2008) Phylogeny of the Permian family Metalegoceratidae (Gonatitida, Ammonoidea). Paleontological Journal 42(6): 585-595 [Paleontologicheskii Zhurnal 2008(6): 15-25 (in Russian)]	† <i>Metalegoceras (Metalegoceras) ruzhencevi</i> Boiko, Leonova & Mu	Ammonoidea: Goniatitida: Goniatitina: Metalegoceratidae	KAZAKHSTAN: Aktobe Province*
Boiko, M.S.; Leonova, T.B.; Mu, Lin (2008) Phylogeny of the Permian family Metalegoceratidae (Gonatitida, Ammonoidea). Paleontological Journal 42(6): 585-595 [Paleontologicheskii Zhurnal 2008(6): 15-25 (in Russian)]	† <i>Metalegoceras (Metalegoceras) ruzhencevi</i> Boiko, Leonova & Mu	Ammonoidea: Goniatitida: Goniatitina: Metalegoceratidae	RUSSIA: Orenberg Oblast*
Bonde, Niels (2008) Osteoglossomorphs of the marine Lower Eocene of Denmark, with remarks on other Eocene taxa and their importance for palaeobiogeography. In: <i>Fishes and the Break-Up of Pangaea</i> . Geological Society Special Publication, No. 295. (L. Calvin, A. Longbottom and M. Richter, eds.) Geological Society: London, ISBN: 9781862392489, pp. 253-310	† <i>Brychaetoides greenwoodi</i>	Osteoglossomorpha: Osteoglossi: Osteoglossiformes: fam. indet.	DENMARK: Nordjylland Region*
Bonde, Niels (2008) Osteoglossomorphs of the marine Lower Eocene of Denmark, with remarks on other Eocene taxa and their importance for palaeobiogeography. In: <i>Fishes and the Break-Up of Pangaea</i> . Geological Society Special Publication, No. 295. (L. Calvin, A. Longbottom and M. Richter, eds.) Geological Society: London, ISBN: 9781862392489, pp. 253-310	† <i>Furichthys fieldsoei</i>	Osteoglossomorpha: NA	DENMARK: Nordjylland Region*
Bonde, Niels (2008) Osteoglossomorphs of the marine Lower Eocene of Denmark, with remarks on other Eocene taxa and their importance for palaeobiogeography. In: <i>Fishes and the Break-Up of Pangaea</i> . Geological Society Special Publication, No. 295. (L. Calvin, A. Longbottom and M. Richter, eds.) Geological Society: London, ISBN: 9781862392489, pp. 253-310	† <i>Heterosteoglossum foreyi</i>	Osteoglossomorpha: Osteoglossi: Osteoglossiformes: fam. indet.	DENMARK: Nordjylland Region*
Bonde, Niels (2008) Osteoglossomorphs of the marine Lower Eocene of Denmark, with remarks on other Eocene taxa and their importance for palaeobiogeography. In: <i>Fishes and the Break-Up of Pangaea</i> . Geological Society Special Publication, No. 295. (L. Calvin, A. Longbottom and M. Richter, eds.) Geological Society: London, ISBN: 9781862392489, pp. 253-310	† <i>Xosteoglossid rebecca</i>	Osteoglossomorpha: Osteoglossi: Osteoglossiformes: fam. indet.	DENMARK: Nordjylland Region*
Bonnot, Alain; Boursicot, Pierre-Yves; Ferchaud, Patrice; Marchand, Didier (2008) Les Pseudoperisphinctinae (Ammonitina, Perisphinctidae) de l'horizon à Leckenbyi (Callovien supérieur, zone à Athleta) de Montreuil-Bellay (Maine-et-Loire, France) et description d'une nouvelle espèce, <i>Choffatia isabellae</i> . Carnets de Géologie / Notebooks on Geology 2008(Art 5): 1-27	† <i>Choffatia isabellae</i>	Ammonitina: Perisphinctidae	FRANCE: Maine-et-Loire*

Borkent, Art (2008) The frog-biting midges of the world (Corethrellidae: Diptera). Zootaxa 1804:1-367	† <i>Corethrella</i> (<i>Corethrella</i>) <i>baltica</i> Borkent	Diptera: Corethrellidae	("Baltic amber")
Borkent, Art (2008) The frog-biting midges of the world (Corethrellidae: Diptera). Zootaxa 1804:1-367	† <i>Corethrella</i> (<i>Corethrella</i>) <i>dominicana</i> Borkent	Diptera: Corethrellidae	DOMINICAN REPUBLIC: NA*
Bourdon, Estelle; Amaghazaz, Mbarek; Bouya, Baâdi (2008) A new seabird (Aves, cf. Phaethontidae) from the Lower Eocene phosphates of Morocco. Geobios 41(4): 455-459	† <i>Phaethusavis</i> <i>pelagicus</i>	Aves: Phaethontidae	MOROCCO: Gharb- Chrarda-Bén Hssen Region*
Bragina, L.G. (2008) Radiolarians of the family Neosciadiocapsidae from the Turonian-Santonian of the Perapedhi Formation, southern Cyprus. Paleontological Journal 42(2): 127-138 [Paleontologicheskii Zhurnal 2008(2): 27-37 (in Russian)]	† <i>Coniforma</i> <i>quasiantiochensis</i> Bragina	Rhizaria: Retaria: Radiolaria: Nassellaria: Neosciadiocapsidae	CYPRUS: Limassol District*
Bragina, L.G. (2008) Radiolarians of the family Neosciadiocapsidae from the Turonian-Santonian of the Perapedhi Formation, southern Cyprus. Paleontological Journal 42(2): 127-138 [Paleontologicheskii Zhurnal 2008(2): 27-37 (in Russian)]	† <i>Lipmanium?</i> <i>ovalum</i> Bragina	Rhizaria: Retaria: Radiolaria: Nassellaria: Neosciadiocapsidae	CYPRUS: Limassol District*
Bragina, L.G. (2008) Radiolarians of the family Neosciadiocapsidae from the Turonian-Santonian of the Perapedhi Formation, southern Cyprus. Paleontological Journal 42(2): 127-138 [Paleontologicheskii Zhurnal 2008(2): 27-37 (in Russian)]	† <i>Microsciadiocapsa</i> <i>devalvensa</i> Bragina	Rhizaria: Retaria: Radiolaria: Nassellaria: Neosciadiocapsidae	CYPRUS: Limassol District*
Bragina, L.G. (2008) Radiolarians of the family Neosciadiocapsidae from the Turonian-Santonian of the Perapedhi Formation, southern Cyprus. Paleontological Journal 42(2): 127-138 [Paleontologicheskii Zhurnal 2008(2): 27-37 (in Russian)]	† <i>Microsciadiocapsa</i> <i>macropora</i> Bragina	Rhizaria: Retaria: Radiolaria: Nassellaria: Neosciadiocapsidae	CYPRUS: Limassol District*
Bragina, L.G. (2008) Radiolarians of the family Neosciadiocapsidae from the Turonian-Santonian of the Perapedhi Formation, southern Cyprus. Paleontological Journal 42(2): 127-138 [Paleontologicheskii Zhurnal 2008(2): 27-37 (in Russian)]	† <i>Microsciadiocapsa</i> <i>mambrini</i> Bragina	Rhizaria: Retaria: Radiolaria: Nassellaria: Neosciadiocapsidae	CYPRUS: Limassol District*
Bragina, L.G. (2008) Radiolarians of the family Neosciadiocapsidae from the Turonian-Santonian of the Perapedhi Formation, southern Cyprus. Paleontological Journal 42(2): 127-138 [Paleontologicheskii Zhurnal 2008(2): 27-37 (in Russian)]	† <i>Microsciadiocapsa</i> <i>mangaleniensis</i> Bragina	Rhizaria: Retaria: Radiolaria: Nassellaria: Neosciadiocapsidae	CYPRUS: Limassol District*
Bragina, L.G. (2008) Radiolarians of the family Neosciadiocapsidae from the Turonian-Santonian of the Perapedhi Formation, southern Cyprus. Paleontological Journal 42(2): 127-138 [Paleontologicheskii Zhurnal 2008(2): 27-37 (in Russian)]	† <i>Microsciadiocapsa</i> <i>quasisutterensis</i> Bragina	Rhizaria: Retaria: Radiolaria: Nassellaria: Neosciadiocapsidae	CYPRUS: Limassol District*
Bragina, L.G. (2008) Radiolarians of the family Neosciadiocapsidae from the Turonian-Santonian of the Perapedhi Formation, southern Cyprus. Paleontological Journal 42(2): 127-138 [Paleontologicheskii Zhurnal 2008(2): 27-37 (in Russian)]	† <i>Microsciadiocapsa</i> <i>tethyensis</i> Bragina	Rhizaria: Retaria: Radiolaria: Nassellaria: Neosciadiocapsidae	CYPRUS: Limassol District*

Bragina, L.G. (2008) Radiolarians of the family Neosciadiocapsidae from the Turonian-Santonian of the Perapedhi Formation, southern Cyprus. Paleontological Journal 42(2): 127-138 [Paleontologicheskii Zhurnal 2008(2): 27-37 (in Russian)]	† <i>Microsciadiocapsa? elegantissima</i> Bragina	Rhizaria: Retaria: Radiolaria: Nassellaria: Neosciadiocapsidae	CYPRUS: Limassol District*
Bragina, L.G. (2008) Radiolarians of the family Neosciadiocapsidae from the Turonian-Santonian of the Perapedhi Formation, southern Cyprus. Paleontological Journal 42(2): 127-138 [Paleontologicheskii Zhurnal 2008(2): 27-37 (in Russian)]	† <i>Neosciadiocapsa urquharti</i> Bragina	Rhizaria: Retaria: Radiolaria: Nassellaria: Neosciadiocapsidae	CYPRUS: Limassol District*
Bragina, L.G. (2008) Radiolarians of the family Neosciadiocapsidae from the Turonian-Santonian of the Perapedhi Formation, southern Cyprus. Paleontological Journal 42(2): 127-138 [Paleontologicheskii Zhurnal 2008(2): 27-37 (in Russian)]	† <i>Sciadiocapsa? rugosa</i> Bragina	Rhizaria: Retaria: Radiolaria: Nassellaria: Neosciadiocapsidae	CYPRUS: Limassol District*
Brayard, Arnaud; Bucher, Hugo (2008) Smithian (Early Triassic) ammonoid faunas from northwestern Guangxi (South China): Taxonomy and biochronology. Fossils and Strata 55: 1-179	† <i>Anaflemingites hochulii</i>	Mollusca: Cephalopoda: Ammonoidea:	CHINA: Guangxi*
Brayard, Arnaud; Bucher, Hugo (2008) Smithian (Early Triassic) ammonoid faunas from northwestern Guangxi (South China): Taxonomy and biochronology. Fossils and Strata 55: 1-179	† <i>Arctoceras strigatus</i>	Mollusca: Cephalopoda: Ammonoidea:	CHINA: Guangxi*
Brayard, Arnaud; Bucher, Hugo (2008) Smithian (Early Triassic) ammonoid faunas from northwestern Guangxi (South China): Taxonomy and biochronology. Fossils and Strata 55: 1-179	† <i>Cordillerites antrum</i>	Mollusca: Cephalopoda: Ammonoidea:	CHINA: Guangxi*
Brayard, Arnaud; Bucher, Hugo (2008) Smithian (Early Triassic) ammonoid faunas from northwestern Guangxi (South China): Taxonomy and biochronology. Fossils and Strata 55: 1-179	† <i>Galfettites simplicitatis</i>	Mollusca: Cephalopoda: Ammonoidea:	CHINA: Guangxi*
Brayard, Arnaud; Bucher, Hugo (2008) Smithian (Early Triassic) ammonoid faunas from northwestern Guangxi (South China): Taxonomy and biochronology. Fossils and Strata 55: 1-179	† <i>Guangxiceltites admirabilis</i>	Mollusca: Cephalopoda: Ammonoidea:	CHINA: Guangxi*
Brayard, Arnaud; Bucher, Hugo (2008) Smithian (Early Triassic) ammonoid faunas from northwestern Guangxi (South China): Taxonomy and biochronology. Fossils and Strata 55: 1-179	† <i>Guangxiceras inflata</i>	Mollusca: Cephalopoda: Ammonoidea:	CHINA: Guangxi*
Brayard, Arnaud; Bucher, Hugo (2008) Smithian (Early Triassic) ammonoid faunas from northwestern Guangxi (South China): Taxonomy and biochronology. Fossils and Strata 55: 1-179	† <i>Guodunites monneti</i>	Mollusca: Cephalopoda: Ammonoidea:	CHINA: Guangxi*
Brayard, Arnaud; Bucher, Hugo (2008) Smithian (Early Triassic) ammonoid faunas from northwestern Guangxi (South China): Taxonomy and biochronology. Fossils and Strata 55: 1-179	† <i>Hanielites angulus</i>	Mollusca: Cephalopoda: Ammonoidea:	CHINA: Guangxi*
Brayard, Arnaud; Bucher, Hugo (2008) Smithian (Early Triassic) ammonoid faunas from northwestern Guangxi (South China): Taxonomy and biochronology. Fossils and Strata 55: 1-179	† <i>Hanielites gracilis</i>	Mollusca: Cephalopoda: Ammonoidea:	CHINA: Guangxi*
Brayard, Arnaud; Bucher, Hugo (2008) Smithian (Early Triassic) ammonoid faunas from northwestern Guangxi (South China): Taxonomy and biochronology. Fossils and Strata 55: 1-179	† <i>Hebeisenites compressus</i>	Mollusca: Cephalopoda: Ammonoidea:	CHINA: Guangxi*

Brayard, Arnaud; Bucher, Hugo (2008) Smithian (Early Triassic) ammonoid faunas from northwestern Guangxi (South China): Taxonomy and biochronology. Fossils and Strata 55: 1-179	† <i>Hebeisenites evolutus</i>	Mollusca: Cephalopoda: Ammonoidea:	CHINA: Guangxi*
Brayard, Arnaud; Bucher, Hugo (2008) Smithian (Early Triassic) ammonoid faunas from northwestern Guangxi (South China): Taxonomy and biochronology. Fossils and Strata 55: 1-179	† <i>Hebeisenites varians</i>	Mollusca: Cephalopoda: Ammonoidea:	CHINA: Guangxi*
Brayard, Arnaud; Bucher, Hugo (2008) Smithian (Early Triassic) ammonoid faunas from northwestern Guangxi (South China): Taxonomy and biochronology. Fossils and Strata 55: 1-179	† <i>Hedenstroemia augusta</i>	Mollusca: Cephalopoda: Ammonoidea:	CHINA: Guangxi*
Brayard, Arnaud; Bucher, Hugo (2008) Smithian (Early Triassic) ammonoid faunas from northwestern Guangxi (South China): Taxonomy and biochronology. Fossils and Strata 55: 1-179	† <i>Hemiprionites klugi</i>	Mollusca: Cephalopoda: Ammonoidea:	CHINA: Guangxi*
Brayard, Arnaud; Bucher, Hugo (2008) Smithian (Early Triassic) ammonoid faunas from northwestern Guangxi (South China): Taxonomy and biochronology. Fossils and Strata 55: 1-179	† <i>Inyoites krystyni</i>	Mollusca: Cephalopoda: Ammonoidea:	CHINA: Guangxi*
Brayard, Arnaud; Bucher, Hugo (2008) Smithian (Early Triassic) ammonoid faunas from northwestern Guangxi (South China): Taxonomy and biochronology. Fossils and Strata 55: 1-179	† <i>Jinyaceras bellum</i>	Mollusca: Cephalopoda: Ammonoidea:	CHINA: Guangxi*
Brayard, Arnaud; Bucher, Hugo (2008) Smithian (Early Triassic) ammonoid faunas from northwestern Guangxi (South China): Taxonomy and biochronology. Fossils and Strata 55: 1-179	† <i>Juvenites procurvus</i>	Mollusca: Cephalopoda: Ammonoidea:	CHINA: Guangxi*
Brayard, Arnaud; Bucher, Hugo (2008) Smithian (Early Triassic) ammonoid faunas from northwestern Guangxi (South China): Taxonomy and biochronology. Fossils and Strata 55: 1-179	† <i>Kashmirites guangxiense</i>	Mollusca: Cephalopoda: Ammonoidea:	CHINA: Guangxi*
Brayard, Arnaud; Bucher, Hugo (2008) Smithian (Early Triassic) ammonoid faunas from northwestern Guangxi (South China): Taxonomy and biochronology. Fossils and Strata 55: 1-179	† <i>Leyeceras rothi</i>	Mollusca: Cephalopoda: Ammonoidea:	CHINA: Guangxi*
Brayard, Arnaud; Bucher, Hugo (2008) Smithian (Early Triassic) ammonoid faunas from northwestern Guangxi (South China): Taxonomy and biochronology. Fossils and Strata 55: 1-179	† <i>Paranannites subangulosus</i>	Mollusca: Cephalopoda: Ammonoidea:	CHINA: Guangxi*
Brayard, Arnaud; Bucher, Hugo (2008) Smithian (Early Triassic) ammonoid faunas from northwestern Guangxi (South China): Taxonomy and biochronology. Fossils and Strata 55: 1-179	† <i>Paranannites voum</i>	Mollusca: Cephalopoda: Ammonoidea:	CHINA: Guangxi*
Brayard, Arnaud; Bucher, Hugo (2008) Smithian (Early Triassic) ammonoid faunas from northwestern Guangxi (South China): Taxonomy and biochronology. Fossils and Strata 55: 1-179	† <i>Paranorites jenksi</i>	Mollusca: Cephalopoda: Ammonoidea:	CHINA: Guangxi*
Brayard, Arnaud; Bucher, Hugo (2008) Smithian (Early Triassic) ammonoid faunas from northwestern Guangxi (South China): Taxonomy and biochronology. Fossils and Strata 55: 1-179	† <i>Procurvoceratites ampliatus</i>	Mollusca: Cephalopoda: Ammonoidea:	CHINA: Guangxi*
Brayard, Arnaud; Bucher, Hugo (2008) Smithian (Early Triassic) ammonoid faunas from northwestern Guangxi (South China): Taxonomy and biochronology. Fossils and Strata 55: 1-179	† <i>Procurvoceratites pygmaeus</i>	Mollusca: Cephalopoda: Ammonoidea:	CHINA: Guangxi*

Brayard, Arnaud; Bucher, Hugo (2008) Smithian (Early Triassic) ammonoid faunas from northwestern Guangxi (South China): Taxonomy and biochronology. <i>Fossils and Strata</i> 55: 1-179	† <i>Procurvoveratites subtabulatus</i>	Mollusca: Cephalopoda: Ammonoidea:	CHINA: Guangxi*
Brayard, Arnaud; Bucher, Hugo (2008) Smithian (Early Triassic) ammonoid faunas from northwestern Guangxi (South China): Taxonomy and biochronology. <i>Fossils and Strata</i> 55: 1-179	† <i>Pseudoaspenites evolutus</i>	Mollusca: Cephalopoda: Ammonoidea:	CHINA: Guangxi*
Brayard, Arnaud; Bucher, Hugo (2008) Smithian (Early Triassic) ammonoid faunas from northwestern Guangxi (South China): Taxonomy and biochronology. <i>Fossils and Strata</i> 55: 1-179	† <i>Pseudoflemingites goudemandi</i>	Mollusca: Cephalopoda: Ammonoidea:	CHINA: Guangxi*
Brayard, Arnaud; Bucher, Hugo (2008) Smithian (Early Triassic) ammonoid faunas from northwestern Guangxi (South China): Taxonomy and biochronology. <i>Fossils and Strata</i> 55: 1-179	† <i>Rohillites bruehwileri</i>	Mollusca: Cephalopoda: Ammonoidea:	CHINA: Guangxi*
Brayard, Arnaud; Bucher, Hugo (2008) Smithian (Early Triassic) ammonoid faunas from northwestern Guangxi (South China): Taxonomy and biochronology. <i>Fossils and Strata</i> 55: 1-179	† <i>Rohillites sobolevi</i>	Mollusca: Cephalopoda: Ammonoidea:	CHINA: Guangxi*
Brayard, Arnaud; Bucher, Hugo (2008) Smithian (Early Triassic) ammonoid faunas from northwestern Guangxi (South China): Taxonomy and biochronology. <i>Fossils and Strata</i> 55: 1-179	† <i>Urdyceras insolitus</i>	Mollusca: Cephalopoda: Ammonoidea:	CHINA: Guangxi*
Brayard, Arnaud; Bucher, Hugo (2008) Smithian (Early Triassic) ammonoid faunas from northwestern Guangxi (South China): Taxonomy and biochronology. <i>Fossils and Strata</i> 55: 1-179	† <i>Walliceras aemulus</i>	Mollusca: Cephalopoda: Ammonoidea:	CHINA: Guangxi*
Brayard, Arnaud; Bucher, Hugo (2008) Smithian (Early Triassic) ammonoid faunas from northwestern Guangxi (South China): Taxonomy and biochronology. <i>Fossils and Strata</i> 55: 1-179	† <i>Weitschaticeras concavum</i>	Mollusca: Cephalopoda: Ammonoidea:	CHINA: Guangxi*
Brayard, Arnaud; Bucher, Hugo (2008) Smithian (Early Triassic) ammonoid faunas from northwestern Guangxi (South China): Taxonomy and biochronology. <i>Fossils and Strata</i> 55: 1-179	† <i>Xenoceltites pauciradiatus</i>	Mollusca: Cephalopoda: Ammonoidea:	CHINA: Guangxi*
Brayard, Arnaud; Bucher, Hugo (2008) Smithian (Early Triassic) ammonoid faunas from northwestern Guangxi (South China): Taxonomy and biochronology. <i>Fossils and Strata</i> 55: 1-179	† <i>Xenoceltites variocostatus</i>	Mollusca: Cephalopoda: Ammonoidea:	CHINA: Guangxi*
Brayard, Arnaud; Bucher, Hugo (2008) Smithian (Early Triassic) ammonoid faunas from northwestern Guangxi (South China): Taxonomy and biochronology. <i>Fossils and Strata</i> 55: 1-179	† <i>Xiaoqiaoceras involutus</i>	Mollusca: Cephalopoda: Ammonoidea:	CHINA: Guangxi*
Brea, Mariana; Zamuner, Alba B.; Matheos, Sergio D.; Iglesias, Ari; Zucol, Alejandro F. (2008) Fossil wood of the Mimosoideae from the early Paleocene of Patagonia, Argentina. <i>Alcheringa</i> 32(4): 427-441	† <i>Paracacioxylon frenguelli</i>	Angiospermae: Rosidae: Leguminosae: Mimosoideae	ARGENTINA: Chubut*
Breton, Gérard; Néraudeau, Didier (2008) Nouveaux astérides cénomaniens et turoniens de Charente-Maritime (SO France). <i>Geobios</i> 41(3): 321-339	† <i>Metopaster elongatus</i>	Echinodermata: Asteroidea: Goniasteridae	FRANCE: Poitou-Charentes Region* (Charente-Maritime Department)

Breton, Gérard; Néraudeau, Didier (2008) Nouveaux astérides cénomaniens et turoniens de Charente-Maritime (SO France). <i>Geobios</i> 41(3): 321-339	† <i>Metopaster medius</i>	Echinodermata: Asteroidea: Goniasteridae	FRANCE: Poitou-Charentes Region* (Charente-Maritime Department)
Breton, Gérard; Néraudeau, Didier (2008) Nouveaux astérides cénomaniens et turoniens de Charente-Maritime (SO France). <i>Geobios</i> 41(3): 321-339	† <i>Parametopaster villieri</i>	Echinodermata: Asteroidea: Goniasteridae	FRANCE: Poitou-Charentes Region* (Charente-Maritime Department)
Brezinski, David K. (2008) Phylogenetics, systematics, paleoecology, and evolution of the trilobite genera <i>Paladin</i> and <i>Kaskia</i> from the United States. <i>Journal of Paleontology</i> 82(3): 511-527	† <i>Kaskia gersnai</i>	Arthropoda: Trilobita	USA: Maryland: NA* ("western")
Brezinski, David K. (2008) Phylogenetics, systematics, paleoecology, and evolution of the trilobite genera <i>Paladin</i> and <i>Kaskia</i> from the United States. <i>Journal of Paleontology</i> 82(3): 511-527	† <i>Kaskia gersnai</i>	Arthropoda: Trilobita	USA: Pennsylvania: Fayette County*
Brezinski, David K. (2008) Phylogenetics, systematics, paleoecology, and evolution of the trilobite genera <i>Paladin</i> and <i>Kaskia</i> from the United States. <i>Journal of Paleontology</i> 82(3): 511-527	† <i>Kaskia gersnai</i>	Arthropoda: Trilobita	USA: Pennsylvania: Westmoreland County*
Brezinski, David K. (2008) Phylogenetics, systematics, paleoecology, and evolution of the trilobite genera <i>Paladin</i> and <i>Kaskia</i> from the United States. <i>Journal of Paleontology</i> 82(3): 511-527	† <i>Kaskia rollinsi</i>	Arthropoda: Trilobita	USA: Illinois: Randolph County*
Brezinski, David K. (2008) Phylogenetics, systematics, paleoecology, and evolution of the trilobite genera <i>Paladin</i> and <i>Kaskia</i> from the United States. <i>Journal of Paleontology</i> 82(3): 511-527	† <i>Paladin imoensis</i>	Arthropoda: Trilobita	USA: Arkansas: Washington County*
Brezinski, David K. (2008) Phylogenetics, systematics, paleoecology, and evolution of the trilobite genera <i>Paladin</i> and <i>Kaskia</i> from the United States. <i>Journal of Paleontology</i> 82(3): 511-527	† <i>Paladin mangeri</i>	Arthropoda: Trilobita	USA: Arkansas: (Brentwood Member, Bloyd Formation)
Brezinski, David K. (2008) Phylogenetics, systematics, paleoecology, and evolution of the trilobite genera <i>Paladin</i> and <i>Kaskia</i> from the United States. <i>Journal of Paleontology</i> 82(3): 511-527	† <i>Paladin mangeri</i>	Arthropoda: Trilobita	USA: Arkansas: (Prairie Grove Member, Hale Formation)
Brezinski, David K. (2008) Phylogenetics, systematics, paleoecology, and evolution of the trilobite genera <i>Paladin</i> and <i>Kaskia</i> from the United States. <i>Journal of Paleontology</i> 82(3): 511-527	† <i>Paladin mangeri</i>	Arthropoda: Trilobita	USA: Oklahoma: (Braggs Member, Sausbee Formation)
Brezinski, David K. (2008) Phylogenetics, systematics, paleoecology, and evolution of the trilobite genera <i>Paladin</i> and <i>Kaskia</i> from the United States. <i>Journal of Paleontology</i> 82(3): 511-527	† <i>Paladin moorefieldensis</i>	Arthropoda: Trilobita	USA: Oklahoma: Cherokee County*

Brezinski, David K. (2008) Phylogenetics, systematics, paleoecology, and evolution of the trilobite genera <i>Paladin</i> and <i>Kaskia</i> from the United States. <i>Journal of Paleontology</i> 82(3): 511-527	† <i>Paladin pleisiomorphus</i>	Arthropoda: Trilobita	USA: Arkansas: (Fayetteville Formation)
Brezinski, David K. (2008) Phylogenetics, systematics, paleoecology, and evolution of the trilobite genera <i>Paladin</i> and <i>Kaskia</i> from the United States. <i>Journal of Paleontology</i> 82(3): 511-527	† <i>Paladin wapanukaensis</i>	Arthropoda: Trilobita	USA: Oklahoma: Coal County* (Wapanuka Formation)
Briggs, Derek E.G.; Lieberman, Bruce S.; Hendricks, Jonathan R.; Halgedahl, Susan L.; Jarrard, Richard D. (2008) Middle Cambrian arthropods from Utah. <i>Journal of Paleontology</i> 82(2): 238-254	† <i>Dicranocaris guntherorum</i>	Arthropoda: Arachnomorpha	USA: Utah: Millard County*
Briggs, Derek E.G.; Lieberman, Bruce S.; Hendricks, Jonathan R.; Halgedahl, Susan L.; Jarrard, Richard D. (2008) Middle Cambrian arthropods from Utah. <i>Journal of Paleontology</i> 82(2): 238-254	† <i>Nettapezoura basilika</i>	Arthropoda: Arachnomorpha	USA: Utah: Millard County*
Brito, Paulo M.; Alvarado-Ortega, Jesús (2008) A new species of <i>Placidichthys</i> (Halecomorphi: Ionoscopiformes) from the Lower Cretaceous Marizal Formation, northeastern Brazil, with a review of the biogeographical distribution of the Ophiopsidae. In: <i>Fishes and the Break-Up of Pangaea</i> . (L. Calvin, A. Longbottom and M. Richter, eds.) Geological Society Special Publication, No. 295. Geological Society: London, ISBN: 9781862392489, pp. 145-154	† <i>Placidichthys tucanensis</i>	Holostei: Halecomorphi: Ophiopsidae	BRAZIL: Bahia State*
Brito, Paulo M.; Yabumoto, Yoshitaka; Grande, Lance (2008) New amiid fish (Halecomorphi: Amiiformes) from the Lower Cretaceous Crato Formation, Araripe Basin, northeast Brazil. <i>Journal of Vertebrate Paleontology</i> 28(4): 1007-1014	† <i>Cratoamia gondwanica</i>	Neopterygii: Halecomorphi: Amiiformes: Amiidae	BRAZIL: Ceará*
Bromley, Richard G.; Schönberg, Christine H.L. (2008) Borings, bodies and ghosts: Spicules of the endolithic sponge <i>Aka akis</i> sp. nov. within the boring <i>Entobia cretacea</i> , Cretaceous, England. In: <i>Current Developments in Bioerosion</i> (Max Wisshak and Leif Tapanila, eds.) Springer: Berlin, pp. 235-248	† <i>Aka akis</i>	Porifera: Demospongiae: Phyloeodictyidae	ENGLAND
Brothers, Denis J.; Rasnitsyn, Alexandr P. (2008) A new genus and species of Euparagiinae from the Late Cretaceous of southern Africa (Hymenoptera: Vespidae). <i>Alavesia</i> 2: 73-76	† <i>Priorparagia anancites</i>	Hymenoptera: Vespidae	BOTSWANA: Central District*
Brower, James C. (2008) Systematics and paleoecology of <i>Haptocrinus buttsi</i> , a new species of disparid crinoid from the Upper Ordovician Hatter Limestone of central Pennsylvania. <i>Journal of Paleontology</i> 82(3): 576-584	† <i>Haptocrinus buttsi</i>	Echinodermata: Crinoidea: Tornaticrinidae	USA: Pennsylvania: Huntingdon County*
Brühwiler, Thomas; Brayard, Arnaud; Bucher, Hugo; Kuang, Guodun (2008) Griesbachian and Dienerian (Early Triassic) ammonoid faunas from northwestern Guangxi and southern Guizhou (south China). <i>Palaeontology</i> 51(5):1151-1180	† <i>Anotoceras subtabulatus</i>	Mollusca: Cephalopoda: Ammonoidea: fam. indet.	CHINA: Guangxi*
Brühwiler, Thomas; Brayard, Arnaud; Bucher, Hugo; Kuang, Guodun (2008) Griesbachian and Dienerian (Early Triassic) ammonoid faunas from northwestern Guangxi and southern Guizhou (south China). <i>Palaeontology</i> 51(5):1151-1180	† <i>Pleuambites radiatus</i>	Mollusca: Cephalopoda: Ammonoidea: Proptychitidae	CHINA: Guangxi*

Bruhwieler, Thomas; Brayard, Arnaud; Bucher, Hugo; Kuang, Guodun (2008) Griesbachian and Dienerian (Early Triassic) ammonoid faunas from northwestern Guangxi and southern Guizhou (south China). <i>Palaeontology</i> 51(5):1151-1180	† <i>Shangganites shangganense</i>	Mollusca: Cephalopoda: Ammonoidea: Ophiceratidae	CHINA: Guangxi*
Brunetti, M. Mauro; della Bella, Giano (2008) <i>Micalia (?) kengii</i> n. sp. un nuovo bivalve per il Pliocene toscano (Tellinidae, Macominae). <i>Bollettino Malacologico</i> 44(9-12): 115-118	† <i>Micalia (?) kengii</i>	Mollusca: Bivalvia: Tellinidae	ITALY: Tuscany Region*
Brunetti, M. Mauro; della Bella, Giano; Forli, Maurizio; Vecchi, Giuseppe (2008) La famiglia Cancellariidae Gray J.E., 1853 nel Pliocene italiano: Note sui generi <i>Scalptia</i> Jousseume, 1887, <i>Tribia</i> Jousseume, 1887, <i>Contortia</i> Sacco, 1894, <i>Trigonostoma</i> Blainville, 1827 e <i>Aneurystoma</i> Cossmann, 1899 (Gastropoda), con descrizione di una nuova specie. <i>Bollettino Malacologico</i> 44(5-8): 51-69	† <i>Scalptia etrusca</i>	Mollusca: Gastropoda: Prosobranchia: Cancellariidae	ITALY: Tuscany Region* (Siena Province)
Brunetti, M. Mauro; Forli, Maurizio; Vecchi, Giuseppe (2008) Una nuova specie di <i>Gibbula (Forskalea)</i> per il Pleistocene italiano (Gastropoda: Trochidae). <i>Bollettino Malacologico</i> 44(1-4): 5-9	† <i>Gibbula (Forskalea) sirigui</i>	Mollusca: Gastropoda: Trochidae	ITALY: Toscana Region* (Pisa Province)
Buckeridge, John S. (2008) Two new species and a new subspecies of <i>Tetraclitella</i> (Cirripedia: Thoracica) from the Cainozoic of Australia and New Zealand and a consideration of the significance of tubiferous walls. <i>Zootaxa</i> 1897: 43-52	† <i>Tetraclitella judiciae</i>	Crustacea: Cirripedia: Thoracica: Tetraclitidae	AUSTRALIA: Victoria*
Buckeridge, John S. (2008) Two new species and a new subspecies of <i>Tetraclitella</i> (Cirripedia: Thoracica) from the Cainozoic of Australia and New Zealand and a consideration of the significance of tubiferous walls. <i>Zootaxa</i> 1897: 43-52	† <i>Tetraclitella nodicostata</i>	Crustacea: Cirripedia: Thoracica: Tetraclitidae	NEW ZEALAND: Auckland*
Buckeridge, John S. (2008) Two new species and a new subspecies of <i>Tetraclitella</i> (Cirripedia: Thoracica) from the Cainozoic of Australia and New Zealand and a consideration of the significance of tubiferous walls. <i>Zootaxa</i> 1897: 43-52	† <i>Tetraclitella nodicostata</i>	Crustacea: Cirripedia: Thoracica: Tetraclitidae	NEW ZEALAND: Northland*
Buckeridge, John S.; Jagt, John W.M.; Speijer, Robert P. (2008) <i>Verruca punica</i> , a new species of verrucomorph barnacle (Crustacea, Cirripedia, Thoracica) from the Lower Danian (Palaeocene) of Tunisia. <i>Zootaxa</i> 1844: 37-46	† <i>Verruca punica</i> Buckeridge & Jagt	Crustacea: Cirripedia: Thoracica: Verrucidae	TUNISIA: Kef*
Budd, Ann F.; Wallace, Carden C. (2008) First record of the Indo-Pacific reef coral genus <i>Isopora</i> in the Caribbean region: Two new species from the Neogene of Curaçao, Netherlands Antilles. <i>Palaeontology</i> 51(6):1387-1401	† <i>Isopora curacaoensis</i>	Cnidaria: Anthozoa: Scleractinia: Acroporidae	CURAÇAO: Sint Michiel*
Budd, Ann F.; Wallace, Carden C. (2008) First record of the Indo-Pacific reef coral genus <i>Isopora</i> in the Caribbean region: Two new species from the Neogene of Curaçao, Netherlands Antilles. <i>Palaeontology</i> 51(6):1387-1401	† <i>Isopora ginsburgi</i>	Cnidaria: Anthozoa: Scleractinia: Acroporidae	CURAÇAO: Sint Michiel*
Budil, Petr; Hörbinger, František; Mencl, Robert (2008) Lower Devonian dalmanitid trilobites of the Prague Basin (Czech Republic). <i>Earth and Environmental Science Transactions of the Royal Society of Edinburgh</i> 99(2): 61-100	† <i>Odontochile tenuigranulata</i>	Arthropoda: Trilobita: Dalmantidae	CZECH REPUBLIC: Prague*
Budil, Petr; Hörbinger, František; Mencl, Robert (2008) Lower Devonian dalmanitid trilobites of the Prague Basin (Czech Republic). <i>Earth and Environmental Science Transactions of the Royal Society of Edinburgh</i> 99(2): 61-100	† <i>Zlichovaspis (Zlichovaspsi) vaneki</i>	Arthropoda: Trilobita: Dalmantidae	CZECH REPUBLIC: Central Bohemia*
Budil, Petr; Hörbinger, František; Mencl, Robert (2008) Lower Devonian dalmanitid trilobites of the Prague Basin (Czech Republic). <i>Earth and Environmental Science Transactions of the Royal Society of Edinburgh</i> 99(2): 61-100	† <i>Zlichovaspis (Zlichovaspsi) vaneki</i>	Arthropoda: Trilobita: Dalmantidae	CZECH REPUBLIC: Hrádek Králové*

Burge, Dylan O.; Manchester, Steven R. (2008) Fruit morphology, fossil history, and biogeography of <i>Paliurus</i> (Rhamnaceae). International Journal of Plant Sciences 169(8): 1066-1085	† <i>Paliurus clarnensis</i> Burge & Manchester	Angiospermae: Rhamnales: Rhamnaceae	USA: Oregon: Jefferson County*
Burge, Dylan O.; Manchester, Steven R. (2008) Fruit morphology, fossil history, and biogeography of <i>Paliurus</i> (Rhamnaceae). International Journal of Plant Sciences 169(8): 1066-1085	† <i>Paliurus clarnensis</i> Burge & Manchester	Angiospermae: Rhamnales: Rhamnaceae	USA: Oregon: Wheeler County*
Burger, Benjamin J.; Honey, James G. (2008) Plesiadapidae (Mammalia, Primates) from the Late Paleocene Fort Union Formation of the Piceance Creek Basin, Colorado. Journal of Vertebrate Paleontology 28(3): 816-825	† <i>Chiromyoides gigas</i>	Mammalia: Primates: Plesiadapidae	USA: Colorado: Rio Grande County*
Cabral, Maria Cristina; Colin, Jean-Paul; Azerêdo, Ana Cristina (2008) Taxonomy and palaeoecology of new brackish ostracod species from the Middle Cenomanian of Lousa, Lisbon region, Portugal. Palaeogeography, Palaeoclimatology, Palaeoecology 264(3-4): 250-262	† <i>Globotalicypridea vulcanosa</i> Cabral & Colin	Crustacea: Ostracoda: Cyprididae	PORTUGAL: Lisbon*
Cabral, Maria Cristina; Colin, Jean-Paul; Azerêdo, Ana Cristina (2008) Taxonomy and palaeoecology of new brackish ostracod species from the Middle Cenomanian of Lousa, Lisbon region, Portugal. Palaeogeography, Palaeoclimatology, Palaeoecology 264(3-4): 250-262	† <i>Heterocypris berthouii</i> Cabral & Colin	Crustacea: Ostracoda: Cyprididae	PORTUGAL: Lisbon*
Caldwell, Michael W.; Konishi, Takuya; Obata, Ikuwo; Muramoto, Kikuwo (2008) A new species of <i>Taniwhasaurus</i> (Mosasauridae, Tylosaurinae) from the Upper Santonian-Lower Campanian (Upper Cretaceous) of Hokkaido, Japan. Journal of Vertebrate Paleontology 28(2): 339-348	† <i>Taniwhasaurus mikasaensis</i>	Reptilia: Squamata: Mosasauridae	JAPAN: Hokkaido Prefecture*
Calzada, Sebastián; Forner, Enric (2008) Algunos gasterópodos cretácicos de Cervera del Maestrat. Batalleria 14: 37-48	† <i>Anchura carrascoi</i>	Mollusca: Gastropoda: Acetonidae	SPAIN: Valencia Autonomous Community* (Castellón Province)
Calzada, Sebastián; Forner, Enric (2008) Algunos gasterópodos cretácicos de Cervera del Maestrat. Batalleria 14: 37-48	† <i>Goniocylindrites rierai</i>	Mollusca: Gastropoda: Acetonidae	SPAIN: Valencia Autonomous Community* (Castellón Province)
Calzada, Sebastián; Forner, Enric (2008) Algunos gasterópodos cretácicos de Cervera del Maestrat. Batalleria 14: 37-48	† <i>Helicacanthus fusteri</i>	Mollusca: Gastropoda: Acetonidae	SPAIN: Valencia Autonomous Community* (Castellón Province)
Calzada, Sebastián; Forner, Enric (2008) Algunos gasterópodos cretácicos de Cervera del Maestrat. Batalleria 14: 37-48	† <i>Nerinella adserai</i>	Mollusca: Gastropoda: Acetonidae	SPAIN: Valencia Autonomous Community* (Castellón Province)

Calzada, Sebastián; Forner, Enric (2008) Algunos gasterópodos cretácicos de Cervera del Maestrat. <i>Batalleria</i> 14: 37-48	† <i>Tornatellaea royai</i>	Mollusca: Gastropoda: Acetonidae	SPAIN: Valencia Autonomous Community* (Castellón Province)
Campbell, Kathleen A.; Peterson, Dawn E.; Alfaro, Andrea C. (2008) Two new species of <i>Retiskenea?</i> (Gastropoda: Neomphalidae) from Lower Cretaceous hydrocarbon-seep carbonates of northern California. <i>Journal of Paleontology</i> 82(1): 140-153	† <i>Retiskenea? kieli</i>	Mollusca: Gastropoda: Neomphalidae	USA: California: Tehama County*
Campbell, Kathleen A.; Peterson, Dawn E.; Alfaro, Andrea C. (2008) Two new species of <i>Retiskenea?</i> (Gastropoda: Neomphalidae) from Lower Cretaceous hydrocarbon-seep carbonates of northern California. <i>Journal of Paleontology</i> 82(1): 140-153	† <i>Retiskenea? tuberculata</i>	Mollusca: Gastropoda: Neomphalidae	USA: California: Colusa County*
Campbell, Kathleen A.; Peterson, Dawn E.; Alfaro, Andrea C. (2008) Two new species of <i>Retiskenea?</i> (Gastropoda: Neomphalidae) from Lower Cretaceous hydrocarbon-seep carbonates of northern California. <i>Journal of Paleontology</i> 82(1): 140-153	† <i>Retiskenea? tuberculata</i>	Mollusca: Gastropoda: Neomphalidae	USA: California: Lake County*
Canudo, José I.; Royo-Torres, Rafael; Cuenca-Bescós, Gloria (2008) A new sauropod, <i>Tastavinsaurus sanzi</i> gen. et sp. nov. from the Early Cretaceous (Aptian) of Spain. <i>Journal of Vertebrate Paleontology</i> 28(3): 712-731	† <i>Tastavinsaurus sanzi</i>	Reptilia: Diapsida: Dinosauria: Saurischia: Sauropoda: Titanosauriformes: Somphospondyli: fam. indet.	SPAIN: Aragón Region* (Teruel Province)
Carlini, Alfredo A.; Zurita, Alfredo E.; Scillato-Yané, Gustavo J.; Sánchez, Rodolfo; Aguilera, Orangel A. (2008) New Glyptodont from the Codore Formation (Pliocene), Falcón State, Venezuela, its relationship with the <i>Asterostemma</i> problem, and the paleobiogeography of the Glyptodontinae. <i>Paläontologische Zeitschrift</i> 82(2): 139-152	† <i>Boreostemma pliocena</i>	Mammalia: Xenarthra: Cingulata: Glyptodontoidae: Glyptodontidae	VENEZUELA: Falcón*
Carlsson, Anders; Blom, Henning (2008) A new scolenaspidid (Osteostraci, Vertebrata) from the Lower Devonian of Podolia, Ukraine. <i>Paläontologische Zeitschrift</i> 82(3): 314-323	† <i>Victoraspis longicornualis</i>	Osteostraci: Cornuata: Scolenaspididae	UKRAINE: (Podolia, which includes parts of Khmelnytskyi Oblast and Vinnytsia Oblast)
Carnevale, Giorgio (2008) Miniature deep-sea hatchetfish (Teleostei: Stomiiformes) from the Miocene of Italy. <i>Geological Magazine</i> 145(1): 73-84	† <i>Discosternon federicae</i>	Teleostei: Stomiiformes: Sternoptychidae	ITALY: Abruzzo Region* (Chieti Province)
Carpenter, Kenneth; Bartlett, Jeff; Bird, John; Barrick, Reese (2008) Ankylosaurs from the Price River Quarries, Cedar Mountain Formation (Lower Cretaceous), east-central Utah. <i>Journal of Vertebrate Paleontology</i> 28(4): 1089-1101	† <i>Peloroplites cedrimontantus</i>	Dinosauria: Ornithischia: Thyreophora: Ankylosauria: Nodosauridae	USA: Utah: Emery County*
Carpenter, Kenneth; Wilson, Yvonne (2008) A new species of <i>Camptosaurus</i> (Ornithopoda: Dinosauria) from the Morrison Formation (Upper Jurassic) of Dinosaur National Monument, Utah, and a biomechanical analysis of its forelimb. <i>Annals of Carnegie Museum</i> 76(4): 227-263	† <i>Camptosaurus aphanoeccetes</i>	Sauropsida: Ornithopoda: Camptosauridae	USA: Utah: Uintah County*

Carriol, René-Pierre (2008) New genus and new species of Cirripedia (Chthamalidae, Tetraclitidae, Archaeobalanidae and Balanidae) from the Middle Miocene of the faluns of Touraine (France). Zootaxa 1675:31-48	† <i>Acasta vesiculosa</i>	Crustacea: Cirripedia: Archaeobalanidae	FRANCE: Touraine*
Carriol, René-Pierre (2008) New genus and new species of Cirripedia (Chthamalidae, Tetraclitidae, Archaeobalanidae and Balanidae) from the Middle Miocene of the faluns of Touraine (France). Zootaxa 1675:31-48	† <i>Balanus nodulus</i>	Crustacea: Cirripedia: Balanidae	FRANCE: Touraine*
Carriol, René-Pierre (2008) New genus and new species of Cirripedia (Chthamalidae, Tetraclitidae, Archaeobalanidae and Balanidae) from the Middle Miocene of the faluns of Touraine (France). Zootaxa 1675:31-48	† <i>Chthamalus grazianii</i>	Crustacea: Cirripedia: Chthamalidae	FRANCE: Touraine*
Carriol, René-Pierre (2008) New genus and new species of Cirripedia (Chthamalidae, Tetraclitidae, Archaeobalanidae and Balanidae) from the Middle Miocene of the faluns of Touraine (France). Zootaxa 1675:31-48	† <i>Chthamalus nasus</i>	Crustacea: Cirripedia: Chthamalidae	FRANCE: Touraine*
Carriol, René-Pierre (2008) New genus and new species of Cirripedia (Chthamalidae, Tetraclitidae, Archaeobalanidae and Balanidae) from the Middle Miocene of the faluns of Touraine (France). Zootaxa 1675:31-48	† <i>Chthamalus robustus</i>	Crustacea: Cirripedia: Chthamalidae	FRANCE: Touraine*
Carriol, René-Pierre (2008) New genus and new species of Cirripedia (Chthamalidae, Tetraclitidae, Archaeobalanidae and Balanidae) from the Middle Miocene of the faluns of Touraine (France). Zootaxa 1675:31-48	† <i>Paractinobalanus moronii</i>	Crustacea: Cirripedia: Archaeobalanidae	FRANCE: Touraine*
Carriol, René-Pierre; Schneider, Simon (2008) A new Concavinae (Cirripedia, <i>Chesaconca</i>) from the Late Burdigalian (Miocene) of Lower Bavaria (Germany). Neues Jahrbuch für Geologie und Paläontologie Abhandlungen 248(3): 345-354	† <i>Chesaconca gurlarnensis</i>	Crustacea: Cirripedia: Sessilia: Balanidae	AUSTRIA: Lower Austria*
Carriol, René-Pierre; Schneider, Simon (2008) A new Concavinae (Cirripedia, <i>Chesaconca</i>) from the Late Burdigalian (Miocene) of Lower Bavaria (Germany). Neues Jahrbuch für Geologie und Paläontologie Abhandlungen 248(3): 345-354	† <i>Chesaconca gurlarnensis</i>	Crustacea: Cirripedia: Sessilia: Balanidae	GERMANY: Bayern*
Cartelle, Cástor; de Iuliis, Gerardo; Pujos, François (2008) A new species of Megalonychidae (Mammalia, Xenarthra) from the Quaternary of Poço Azul (Bahia, Brazil). Comptes Rendus Palevol 7(6): 335-346	† <i>Ahytherium aureum</i>	Mammalia: Xenarthra: Megalonychidae	BRAZIL: Bahia*
Cartelle, Cástor; de Iuliis, Gerardo; Pujos, François (2008) A new species of Megalonychidae (Mammalia, Xenarthra) from the Quaternary of Poço Azul (Bahia, Brazil). Comptes Rendus Palevol 7(6): 335-346	† <i>Ahytherium aureum</i>	Mammalia: Xenarthra: Megalonychidae	BRAZIL: São Paulo*
Carter, John L.; Kollar, Albert D.; Brezinski, David K. (2008) Earliest report of the genus <i>Phyricodothyris</i> George (Brachiopoda: Reticularioidea) in North America. Annals of Carnegie Museum 77(2): 253-257	† <i>Phyricodothyris lauriegrahamae</i>	Brachiopoda: Elythidae	USA: Maryland: NA*
Carter, John L.; Kollar, Albert D.; Brezinski, David K. (2008) Earliest report of the genus <i>Phyricodothyris</i> George (Brachiopoda: Reticularioidea) in North America. Annals of Carnegie Museum 77(2): 253-257	† <i>Phyricodothyris lauriegrahamae</i>	Brachiopoda: Elythidae	USA: Pennsylvania: Fayette County*
Caruthers, Andrew H.; Stanley, George D., Jr. (2008) Systematic analysis of Upper Triassic silicified scleractinian corals from Wrangellia and the Alexander Terrane, Alaska and British Columbia. Journal of Paleontology 82(3): 470-491	† <i>Campesteria proluxia</i>	Cnidaria: Anthozoa: Pamiroseriidae	CANADA: British Columbia*
Caruthers, Andrew H.; Stanley, George D., Jr. (2008) Systematic analysis of Upper Triassic silicified scleractinian corals from Wrangellia and the Alexander Terrane, Alaska and British Columbia. Journal of Paleontology 82(3): 470-491	† <i>Campesteria proluxia</i>	Cnidaria: Anthozoa: Pamiroseriidae	PERU: (Pucará Group)

Caruthers, Andrew H.; Stanley, George D., Jr. (2008) Systematic analysis of Upper Triassic silicified scleractinian corals from Wrangellia and the Alexander Terrane, Alaska and British Columbia. <i>Journal of Paleontology</i> 82(3): 470-491	† <i>Gablonzeria grandiosa</i>	Cnidaria: Anthozoa: Gablonzeriidae	ALASKA
Caruthers, Andrew H.; Stanley, George D., Jr. (2008) Systematic analysis of Upper Triassic silicified scleractinian corals from Wrangellia and the Alexander Terrane, Alaska and British Columbia. <i>Journal of Paleontology</i> 82(3): 470-491	† <i>Paracuifia anomala</i>	Cnidaria: Anthozoa: Reimaniphyllidae	ALASKA
Caruthers, Andrew H.; Stanley, George D., Jr. (2008) Systematic analysis of Upper Triassic silicified scleractinian corals from Wrangellia and the Alexander Terrane, Alaska and British Columbia. <i>Journal of Paleontology</i> 82(3): 470-491	† <i>Paracuifia jennieae</i>	Cnidaria: Anthozoa: Reimaniphyllidae	ALASKA
Caruthers, Andrew H.; Stanley, George D., Jr. (2008) Systematic analysis of Upper Triassic silicified scleractinian corals from Wrangellia and the Alexander Terrane, Alaska and British Columbia. <i>Journal of Paleontology</i> 82(3): 470-491	† <i>Paracuifia smithi</i>	Cnidaria: Anthozoa: Reimaniphyllidae	ALASKA
Caruthers, Andrew H.; Stanley, George D., Jr. (2008) Systematic analysis of Upper Triassic silicified scleractinian corals from Wrangellia and the Alexander Terrane, Alaska and British Columbia. <i>Journal of Paleontology</i> 82(3): 470-491	† <i>Retiophyllia dendriformis</i>	Cnidaria: Anthozoa: Distichophyllidae	ALASKA
Caruthers, Andrew H.; Stanley, George D., Jr. (2008) Systematic analysis of Upper Triassic silicified scleractinian corals from Wrangellia and the Alexander Terrane, Alaska and British Columbia. <i>Journal of Paleontology</i> 82(3): 470-491	† <i>Retiophyllia dendriformis</i>	Cnidaria: Anthozoa: Distichophyllidae	CANADA: British Columbia*
Caruthers, Andrew H.; Stanley, George D., Jr. (2008) Systematic analysis of Upper Triassic silicified scleractinian corals from Wrangellia and the Alexander Terrane, Alaska and British Columbia. <i>Journal of Paleontology</i> 82(3): 470-491	† <i>Retiophyllia obtusa</i>	Cnidaria: Anthozoa: Distichophyllidae	ALASKA
Casanovas-Vilar, Isaac; Alba, David M.; Almécija, Sergio; Robles, Josep M.; Galindo, Jordi; Moyà-Solà, Salvador (2008) Taxonomy and paleobiology of the genus <i>Chalicomys</i> Kaup, 1832 (Rodentia, Castoridae), with the description of a new species from Abocador de Can Mata (Vallès-Penedès Basin, Catalonia, Spain). <i>Journal of Vertebrate Paleontology</i> 28(3): 851-862	† <i>Chalicomys batalleri</i>	Mammalia: Rodentia: Castorimorpha: Castoridae	SPAIN: Catalonia Autonomous Community* (Barcelona Province)
Casier, Jean-Georges; Olempska, Ewa (2008) Early Frasnian ostracods from the Arche quarry (Dinant Synclinorium, Belgium) and the <i>Palmatolepis punctata</i> isotopic event. <i>Acta Palaeontologica Polonica</i> 53(4): 635-646	† <i>Bairdia (Rectobairdia) chalonensis</i>	Crustacea: Ostracoda: Podocopida: Bairdiidae	BELGIUM: Namur*
Casier, Jean-Georges; Olempska, Ewa (2008) Early Frasnian ostracods from the Arche quarry (Dinant Synclinorium, Belgium) and the <i>Palmatolepis punctata</i> isotopic event. <i>Acta Palaeontologica Polonica</i> 53(4): 635-646	† <i>Microcheilinella archensis</i>	Crustacea: Ostracoda: Podocopida: Pachydomellidae	BELGIUM: Namur*
Casier, Jean-Georges; Olempska, Ewa (2008) Early Frasnian ostracods from the Arche quarry (Dinant Synclinorium, Belgium) and the <i>Palmatolepis punctata</i> isotopic event. <i>Acta Palaeontologica Polonica</i> 53(4): 635-646	† <i>Scrobicula gracilis</i>	Crustacea: Ostracoda: Palaeocopida: Scrobiculidae	BELGIUM: Namur*
Casier, Jean-Georges; Olempska, Ewa (2008) Middle Frasnian (Devonian) ostracods from the Frasnies railway section (Dinant Synclinorium, Belgium): Taxonomy, biostratigraphy, paleoecology. <i>Bulletin de l'Institut Royal des Sciences Naturelles de Belgique, Sciences de la Terre</i> 78: 51-66	† <i>Bairdiacypris breuxensis</i>	Crustacea: Ostracoda: Bairdiidae	BELGIUM: Hainaut Province*

Cau, Andrea; Arduini, Paolo (2008) <i>Enantiophoenix electrophyla</i> gen. et sp. nov. (Aves, Enantiornithes) from the Upper Cretaceous (Cenomanian) of Lebanon and its phylogenetic relationships. Atti della Società Italiana di Scienze Naturali e del Museo Civico di Storia Naturale in Milano 149(2): 293-324	† <i>Enantiophoenix electrophyla</i>	Aves: Enantiornithes: Avisauridae	LEBANON: Mount Lebanon Governorate*
Cavin, Lionel; Forey, Peter L. (2008) A new tselfatiiform teleost from the Upper Cretaceous (Cenomanian) of the Kem Kem beds, southern Morocco. In: Arratia, Gloria; Schultze, Hans-Peter; Wilson, Mark V.H. (eds.) (2008) Mesozoic Fishes 4. Homology and Phylogeny. Proceedings of the International Meeting, Miraflores de la Sierra, 2005. Verlag Dr. Friedrich Pfeil: München, pp. 199-216	† <i>Concavotectum moroccensis</i>	Teleostei: Tselfatiiformes: Plethodidae	MOROCCO: "Kem Kem Beds" (precise locality unknown)
Cevallos-Ferriz, Sergio R.S.; Estrada-Ruiz, Emilio; Pérez-Hernández, Balam Rodrigo (2008) Phytolaccaceae infructescence from Cerro del Pueblo Formation, Upper Cretaceous (late Campanian), Coahuila, Mexico. American Journal of Botany 95(1): 77-83	† <i>Coahuilacarbon phytolaccoides</i> Cevallos-Ferriz, Estrada-Ruiz & Pérez-Hernández	Angiospermae: Caryophyllales: Phytolaccaceae	MEXICO: Coahuila*
Chaimanee, Yaowalak; Yamee, Chotima; Tian, Pannipa; Chavasseau, Olivier; Jaeger, Jean-Jacques (2008) First middle Miocene sivaladapid primate from Thailand. Journal of Human Evolution 54(3): 434-443	† <i>Siamoadapis maemohensis</i>	Mammalia: Primates: Adapiformes: Sivaladapidae	THAILAND: Lampang Province*
Chang, Huali; Zhang, Fan; Ren, Dong (2008) A new genus and two new species of fossil Elaterids from the Yixian Formation of western Liaoning, China (Coleoptera: Elateridae). Zootaxa 1785:54-62	† <i>Paralithomerus exquisitus</i>	Coleoptera: Elateridae	CHINA: Liaoning Province*
Chang, Huali; Zhang, Fan; Ren, Dong (2008) A new genus and two new species of fossil Elaterids from the Yixian Formation of western Liaoning, China (Coleoptera: Elateridae). Zootaxa 1785:54-62	† <i>Paralithomerus parallelus</i>	Coleoptera: Elateridae	CHINA: Liaoning Province*
Chang, Meemann; Wang, Xiaoming; Liu, Huanzhang; Miao, Desui; Zhao, Quanhong; Wu, Guoxuan; Liu, Juan; Li, Qiang; Sun, Zhencheng; Wang, Ning (2008) Extraordinarily thick-boned fish linked to the aridification of the Qaidam Basin (northern Tibetan Plateau). Proceedings of the National Academy of Sciences of the United States of America 105(36): 13246-13251	† <i>Hsianwenia wui</i>	Actinopterygii: Cypriniformes: Cyprinidae	CHINA: Qinghai*
Chen, Jinhua; Stiller, Frank (2008) Two new Late Triassic nuculanoidean bivalve genera from north-west Yunnan, China. Neues Jahrbuch für Geologie und Paläontologie Abhandlungen 249(3): 357-370	† <i>Ningliconcha ningliensis</i>	Mollusca: Bivalvia: Nuculanoidea: Malletiidae	CHINA: Yunnan*
Chen, Pengfei; Jin, Jisuo; Lenz, Alfred C. (2008) Evolution, palaeoecology, and palaeobiogeography of the Late Ordovician-Early Silurian brachiopod <i>Epitomyonia</i> . Palaeoworld 17(2): 85-101	† <i>Epitomyonia paucitropida</i>	Brachiopoda: Orthida: Dicoelosiidae	CANADA: Northwest Territories*
Cheng, Xiao-Dong; Meng, Qing-Jin; Wang, Xu-Ri; Gao, Chun-Ling (2008) [New discovery of Nephilidae in Jehol Biota (Araneae, Nephilidae)]. Acta Zootaxonomica Sinica 33(2): 330-334 (in Chinese)	† <i>Cretaraneus liaoningensis</i> Cheng, Meng & Wang	Arachnida: Araneae: Nephilidae	CHINA: Liaoning*
Chitnarin, Anisong; Crasquin, Sylvie; Chonglakmani, Chongpan; Broutin, Jean; Grote, Paul Joseph; Thanee, Nathawut (2008) Middle Permian ostracods from Tak Fa Limestone, Phetchabun Province, central Thailand. Geobios 41(3): 341-353	† <i>Bairdia takfaensis</i>	Crustacea: Ostracoda: Pdocopida: Bairdiidae	THAILAND: Phetchabun Province*

Chitnarin, Anisong; Crasquin, Sylvie; Chonglakmani, Chongpan; Broutin, Jean; Grote, Paul Joseph; Thanee, Nathawut (2008) Middle Permian ostracods from Tak Fa Limestone, Phetchabun Province, central Thailand. <i>Geobios</i> 41(3): 341-353	† <i>Geffenina bungsamphanensis</i>	Crustacea: Ostracoda: Palaeocopida: Beyrichopsidae	THAILAND: Phetchabun Province*
Chitnarin, Anisong; Crasquin, Sylvie; Chonglakmani, Chongpan; Broutin, Jean; Grote, Paul Joseph; Thanee, Nathawut (2008) Middle Permian ostracods from Tak Fa Limestone, Phetchabun Province, central Thailand. <i>Geobios</i> 41(3): 341-353	† <i>Reviya subsompongensis</i>	Crustacea: Ostracoda: Palaeocopida: Kirkbyidae	THAILAND: Phetchabun Province*
Chitnarin, Anisong; Crasquin, Sylvie; Chonglakmani, Chongpan; Broutin, Jean; Grote, Paul Joseph; Thanee, Nathawut (2008) Middle Permian ostracods from Tak Fa Limestone, Phetchabun Province, central Thailand. <i>Geobios</i> 41(3): 341-353	† <i>Sargentina? phetchabunensis</i>	Crustacea: Ostracoda: Palaeocopida: Serenididae	THAILAND: Phetchabun Province*
Choi, Duck K.; Kim, Eun-Young; Lee, Jeong Gu (2008) Upper Cambrian polymerid trilobites from the Machari Formation, Yongwol, Korea. <i>Geobios</i> 41(2): 183-204	† <i>Joshuaspis parvus</i>	Arthropoda: Trilobita: Asaphida: Alsataspidae	KOREA: Gangwon Province*
Choi, Duck K.; Kim, Eun-Young; Lee, Jeong Gu (2008) Upper Cambrian polymerid trilobites from the Machari Formation, Yongwol, Korea. <i>Geobios</i> 41(2): 183-204	† <i>Macharia pengi</i>	Arthropoda: Trilobita: Asaphida: Alsataspidae	KOREA: Gangwon Province*
Choi, Duck K.; Kim, Eun-Young; Lee, Jeong Gu (2008) Upper Cambrian polymerid trilobites from the Machari Formation, Yongwol, Korea. <i>Geobios</i> 41(2): 183-204	† <i>Metachangshania brachypyga</i>	Arthropoda: Trilobita: Asaphida: Pterocephaliidae	KOREA: Gangwon Province*
Choi, Duck K.; Kim, Eun-Young; Lee, Jeong Gu (2008) Upper Cambrian polymerid trilobites from the Machari Formation, Yongwol, Korea. <i>Geobios</i> 41(2): 183-204	† <i>Proceratopyge promisca</i>	Arthropoda: Trilobita: Asaphida: Ceratopygidae	KOREA: Gangwon Province*
Ciampaglio, Charles N.; Weaver, Patricia G. (2008) Two new genera of Coleoidea from the Chickasawhay Limetone (Oligocene) of Alabama. <i>Neues Jahrbuch für Geologie und Paläontologie</i> 250(1): 103-111	† <i>Oligorostra alabami</i>	Mollusca: Cephalopoda: Coleoidea: Spirulida: fam. indet.	USA: Alabama: Washington County*
Ciampaglio, Charles N.; Weaver, Patricia G. (2008) Two new genera of Coleoidea from the Chickasawhay Limetone (Oligocene) of Alabama. <i>Neues Jahrbuch für Geologie und Paläontologie</i> 250(1): 103-111	† <i>Oligosella longi</i>	Mollusca: Cephalopoda: Coleoidea: ord. indet.: fam. indet.	USA: Alabama: Washington County*
Cisneros, Juan Carlos (2008) New basal procolophonid reptile from the Katberg formation (Lower Triassic) of the South African Karoo. <i>Palaeoworld</i> 17(2): 126-134	† <i>Kitchingnathus untabeni</i>	Reptilia: Parareptilia: Procolophonidae	SOUTH AFRICA: Eastern Cape Province*
Cocks, L. Robin M. (2008) The Middle Llandovery brachiopod fauna of the Newlands Formation, Girvan, Scotland. <i>Journal of Systematic Palaeontology</i> 6(1): 61-100	† <i>Biparetis caledonia</i>	Brachiopoda: Strophomenida: Strophomenidae	SCOTLAND: South Ayrshire*
Cocks, L. Robin M. (2008) The Middle Llandovery brachiopod fauna of the Newlands Formation, Girvan, Scotland. <i>Journal of Systematic Palaeontology</i> 6(1): 61-100	† <i>Camerella? elainae</i>	Brachiopoda: Pentamerida: Camerellidae	SCOTLAND: South Ayrshire*

Cocks, L. Robin M. (2008) The Middle Llandovery brachiopod fauna of the Newlands Formation, Girvan, Scotland. <i>Journal of Systematic Palaeontology</i> 6(1): 61-100	† <i>Chronostrophonella terranova</i>	Brachiopoda: Strophomenida: Strophonellidae	SCOTLAND: South Ayrshire*
Cocks, L. Robin M. (2008) The Middle Llandovery brachiopod fauna of the Newlands Formation, Girvan, Scotland. <i>Journal of Systematic Palaeontology</i> 6(1): 61-100	† <i>Craniops laurentia</i>	Brachiopoda: Craniopsida: Craniopsidae	SCOTLAND: South Ayrshire*
Cocks, L. Robin M. (2008) The Middle Llandovery brachiopod fauna of the Newlands Formation, Girvan, Scotland. <i>Journal of Systematic Palaeontology</i> 6(1): 61-100	† <i>Eopentamerus inexpectatus</i>	Brachiopoda: Pentamerida: Pentameridae	SCOTLAND: South Ayrshire*
Cocks, L. Robin M. (2008) The Middle Llandovery brachiopod fauna of the Newlands Formation, Girvan, Scotland. <i>Journal of Systematic Palaeontology</i> 6(1): 61-100	† <i>Eostropheodonta augusta</i>	Brachiopoda: Strophomenida: Leptostrophiidae	SCOTLAND: South Ayrshire*
Cocks, L. Robin M. (2008) The Middle Llandovery brachiopod fauna of the Newlands Formation, Girvan, Scotland. <i>Journal of Systematic Palaeontology</i> 6(1): 61-100	† <i>Protatrypa copperi</i>	Brachiopoda: Atrypida: Atrypidae	SCOTLAND: South Ayrshire*
Cocks, L. Robin M. (2008) The Middle Llandovery brachiopod fauna of the Newlands Formation, Girvan, Scotland. <i>Journal of Systematic Palaeontology</i> 6(1): 61-100	† <i>Resserella praeclara</i>	Brachiopoda: Orthida: Dalmanellidae	SCOTLAND: South Ayrshire*
Cocks, L. Robin M. (2008) The Middle Llandovery brachiopod fauna of the Newlands Formation, Girvan, Scotland. <i>Journal of Systematic Palaeontology</i> 6(1): 61-100	† <i>Strophochonetes newlandensis</i>	Brachiopoda: Productida: Strophochonetidae	SCOTLAND: South Ayrshire*
Cocks, L. Robin M. (2008) The Middle Llandovery brachiopod fauna of the Newlands Formation, Girvan, Scotland. <i>Journal of Systematic Palaeontology</i> 6(1): 61-100	† <i>Triplesia girvanensis</i>	Brachiopoda: Orthotetida: Triplesiidae	SCOTLAND: South Ayrshire*
Coen-Aubert, Marie (2008) Fasciculate disphyllids (Rugosa) from the Early Givetian Trois-Fontaines Formation in Belgium. <i>Bulletin de l'Institut Royal des Sciences Naturelles de Belgique, Sciences de la Terre</i> 78: 31-50	† <i>Coenophyllum groessensi</i>	Cnidaria: Anthozoa: Rugosa: Disphyllidae	BELGIUM: Luxembourg Province*
Coen-Aubert, Marie (2008) Fasciculate disphyllids (Rugosa) from the Early Givetian Trois-Fontaines Formation in Belgium. <i>Bulletin de l'Institut Royal des Sciences Naturelles de Belgique, Sciences de la Terre</i> 78: 31-50	† <i>Disphyllum oekentorpi</i>	Cnidaria: Anthozoa: Rugosa: Disphyllidae	BELGIUM: Luxembourg Province*
Colin, Jean-Paul; Dejax, Jean; Gèze, Raymond (2008) Ostracodes de la Formation de Bhanness, Kimméridgien (Jurassique supérieur) du Liban central: Taxonomie, paléoécologie et paléobiogéographie. <i>Annales de Paléontologie</i> 94(1): 13-27	† <i>Citrella? elongata</i>	Crustacea: Ostracoda: Podocopa: Cytheruridae	LEBANON: Mount Lebanon Governorate*
Colin, Jean-Paul; Dejax, Jean; Gèze, Raymond (2008) Ostracodes de la Formation de Bhanness, Kimméridgien (Jurassique supérieur) du Liban central: Taxonomie, paléoécologie et paléobiogéographie. <i>Annales de Paléontologie</i> 94(1): 13-27	† <i>Dicrorygma (Orthorygma) libanensis</i>	Crustacea: Ostracoda: Podocopa: Cytherideidae	LEBANON: Mount Lebanon Governorate*
Colin, Jean-Paul; Dejax, Jean; Gèze, Raymond (2008) Ostracodes de la Formation de Bhanness, Kimméridgien (Jurassique supérieur) du Liban central: Taxonomie, paléoécologie et paléobiogéographie. <i>Annales de Paléontologie</i> 94(1): 13-27	† <i>Ektypocythere dahressawanensis</i>	Crustacea: Ostracoda: Podocopa: Progonocytheridae	LEBANON: Mount Lebanon Governorate*

Colin, Jean-Paul; Dejax, Jean; Gêze, Raymond (2008) Ostracodes de la Formation de Bhanness, Kimméridgien (Jurassique supérieur) du Liban central: Taxonomie, paléoécologie et paléobiogéographie. <i>Annales de Paléontologie</i> 94(1): 13-27	† <i>Procytherura inflata</i>	Crustacea: Ostracoda: Podocopa: Cytheruridae	LEBANON: Mount Lebanon Governorate*
Conrad, Marc André; Carras, Nicolaos; Radoičić, Rajka (2008) Neural nets used to differentiate a new species of <i>Salpingoporella</i> (Dasycladales, calcareous green algae) from the Urganian limestone in southeast France. <i>Bollettino della Società Geologia Italiana</i> 127(2): 265-273	† <i>Salpingoporella parapirinia</i>	Chlorophyta: Dasycladales: fam. indet.	FRANCE: Rhône-Alpes Region* (Savoie Department)
Consoli, Christopher P. (2008) A rare Danian (Early Paleocene) <i>Chlamydoselachus</i> (Chondrichthyes: Elasmobranchii) from the Takatika Grit, Chatham Islands, New Zealand. <i>Journal of Vertebrate Paleontology</i> 28(2): 285-290	† <i>Chlamydoselachus tatere</i>	Chondrichthyes: Elasmobranchii: Chlamydoselachidae	NEW ZEALAND: Chatham Islands*
Constenius, Kurt N.; Dawson, Mary R. (2008) <i>Blickomylus</i> (Artiodactyla, Camelidae, Stenomylinae) and the age of the Moroni Formation, central Utah. <i>Journal of Vertebrate Paleontology</i> 28(4):1228-1231	† <i>Blickomylus moroni</i>	Mammalia: Artiodactyla: Camelidae	USA: Utah: Utah County*
Conway Morris, Simon; Peel, John S. (2008) The earliest annelids: Lower Cambrian polychaetes from the Sirius Passet Lagerstätte, Peary Land, North Greenland. <i>Acta Palaeontologica Polonica</i> 53(1): 137-148	† <i>Phragmochaeta canicularis</i>	Annelida: Polychaeta: Phragmochaetidae	GREENLAND: Northeast Greenland National Park*
Cook, Alex G.; Ng, Matthew C. (2008) An early Devonian gastropod faunule from the Mt. Etna beds, central Queensland. <i>Memoirs of the Queensland Museum</i> 52(2): 57-64	† <i>Buechelia sandsi</i>	Mollusca: Gastropoda: Raphistomatidae	AUSTRALIA: Queensland*
Cook, Alex; Nützel, Alexander; Frýda, Jiri (2008) Two Mississippian caenogastropod limpets from Australia and their meaning for the ancestry of the Caenogastropoda. <i>Journal of Paleontology</i> 82(1): 183-187	† <i>Australoscutula ardua</i>	Mollusca: Gastropoda: Caenogastropoda: Pragoscutulidae	AUSTRALIA: New South Wales*
Cook, Alex; Nützel, Alexander; Frýda, Jiri (2008) Two Mississippian caenogastropod limpets from Australia and their meaning for the ancestry of the Caenogastropoda. <i>Journal of Paleontology</i> 82(1): 183-187	† <i>Australoscutula yooi</i>	Mollusca: Gastropoda: Caenogastropoda: Pragoscutulidae	AUSTRALIA: New South Wales*
Cózar, Pedro; Somerville, Ian D.; Burgess, Iain (2008) New foraminifers in the Viséan/Serpukhovian Boundary Interval of the Lower Limestone Formation, Midland Valley, Scotland. <i>Journal of Paleontology</i> 82(5): 906-923	† <i>Euxinita pendleiensis</i>	Foraminifera: Leoblichidae	SCOTLAND: (Midland Valley)
Cózar, Pedro; Somerville, Ian D.; Burgess, Iain (2008) New foraminifers in the Viséan/Serpukhovian Boundary Interval of the Lower Limestone Formation, Midland Valley, Scotland. <i>Journal of Paleontology</i> 82(5): 906-923	† <i>Praeastaffellina macdonaldensis</i>	Foraminifera: Eostaffelidae	"Urals"
Cózar, Pedro; Somerville, Ian D.; Burgess, Iain (2008) New foraminifers in the Viséan/Serpukhovian Boundary Interval of the Lower Limestone Formation, Midland Valley, Scotland. <i>Journal of Paleontology</i> 82(5): 906-923	† <i>Praeastaffellina macdonaldensis</i>	Foraminifera: Eostaffelidae	ENGLAND: NA*
Cózar, Pedro; Somerville, Ian D.; Burgess, Iain (2008) New foraminifers in the Viséan/Serpukhovian Boundary Interval of the Lower Limestone Formation, Midland Valley, Scotland. <i>Journal of Paleontology</i> 82(5): 906-923	† <i>Praeastaffellina macdonaldensis</i>	Foraminifera: Eostaffelidae	IRELAND: NA*

Cózar, Pedro; Somerville, Ian D.; Burgess, Iain (2008) New foraminifers in the Visean/Serpukhovian Boundary Interval of the Lower Limestone Formation, Midland Valley, Scotland. <i>Journal of Paleontology</i> 82(5): 906-923	† <i>Praeostaffellina macdonaldensis</i>	Foraminifera: Eostaffelidae	SCOTLAND: (Midland Valley)
Cózar, Pedro; Somerville, Ian D.; Burgess, Iain (2008) New foraminifers in the Visean/Serpukhovian Boundary Interval of the Lower Limestone Formation, Midland Valley, Scotland. <i>Journal of Paleontology</i> 82(5): 906-923	† <i>Praeostaffellina macdonaldensis</i>	Foraminifera: Eostaffelidae	SPAIN: NA*
Cózar, Pedro; Somerville, Ian D.; Burgess, Iain (2008) New foraminifers in the Visean/Serpukhovian Boundary Interval of the Lower Limestone Formation, Midland Valley, Scotland. <i>Journal of Paleontology</i> 82(5): 906-923	† <i>Praeplectostaffella anvilensis</i>	Foraminifera: Eostaffelidae	ENGLAND: NA*
Cózar, Pedro; Somerville, Ian D.; Burgess, Iain (2008) New foraminifers in the Visean/Serpukhovian Boundary Interval of the Lower Limestone Formation, Midland Valley, Scotland. <i>Journal of Paleontology</i> 82(5): 906-923	† <i>Praeplectostaffella anvilensis</i>	Foraminifera: Eostaffelidae	SCOTLAND: (Midland Valley)
Cózar, Pedro; Somerville, Ian D.; Burgess, Iain (2008) New foraminifers in the Visean/Serpukhovian Boundary Interval of the Lower Limestone Formation, Midland Valley, Scotland. <i>Journal of Paleontology</i> 82(5): 906-923	† <i>Tubispirodiscus hosiensis</i>	Foraminifera: Archaediscidae	SCOTLAND: (Midland Valley)
Crasquin, Sylvie; Carcione, Lucia; Martini, Rossana (2008) Permian ostracods from the Lercara Formation (Middle Triassic-Carnian?), Sicily, Italy. <i>Palaeontology</i> 51(3):537-560	† <i>Anahuacia? lercaraensis</i>	Crustacea: Ostracoda: Podocopida: Rectoriidae	ITALY: Sicily*
Crasquin, Sylvie; Carcione, Lucia; Martini, Rossana (2008) Permian ostracods from the Lercara Formation (Middle Triassic-Carnian?), Sicily, Italy. <i>Palaeontology</i> 51(3):537-560	† <i>Aurigerites siciliaensis</i>	Crustacea: Ostracoda: Metacopida: Bufinidae?	ITALY: Sicily*
Crasquin, Sylvie; Carcione, Lucia; Martini, Rossana (2008) Permian ostracods from the Lercara Formation (Middle Triassic-Carnian?), Sicily, Italy. <i>Palaeontology</i> 51(3):537-560	† <i>Bairdia portellaensis</i>	Crustacea: Ostracoda: Podocopida: Bairdiidae	ITALY: Sicily*
Crasquin, Sylvie; Carcione, Lucia; Martini, Rossana (2008) Permian ostracods from the Lercara Formation (Middle Triassic-Carnian?), Sicily, Italy. <i>Palaeontology</i> 51(3):537-560	† <i>Cristanaria? katyae</i>	Crustacea: Ostracoda: Podocopida: Rectoriidae	ITALY: Sicily*
Crasquin, Sylvie; Carcione, Lucia; Martini, Rossana (2008) Permian ostracods from the Lercara Formation (Middle Triassic-Carnian?), Sicily, Italy. <i>Palaeontology</i> 51(3):537-560	† <i>Fabalicypriis blumenstengeli</i>	Crustacea: Ostracoda: Podocopida: Bairdiidae	ITALY: Sicily*
Crasquin, Sylvie; Carcione, Lucia; Martini, Rossana (2008) Permian ostracods from the Lercara Formation (Middle Triassic-Carnian?), Sicily, Italy. <i>Palaeontology</i> 51(3):537-560	† <i>Fabalicypriis gruendeli</i>	Crustacea: Ostracoda: Podocopida: Bairdiidae	ITALY: Sicily*
Crasquin, Sylvie; Carcione, Lucia; Martini, Rossana (2008) Permian ostracods from the Lercara Formation (Middle Triassic-Carnian?), Sicily, Italy. <i>Palaeontology</i> 51(3):537-560	† <i>Lethiersa salomonensis</i>	Crustacea: Ostracoda: Palaeocopida: ?Scrobiculidae	ITALY: Sicily*

Crasquin, Sylvie; Carcione, Lucia; Martini, Rossana (2008) Permian ostracods from the Lercara Formation (Middle Triassic-Carnian?), Sicily, Italy. <i>Palaeontology</i> 51(3):537-560	† <i>Lethiersia sinusoventralis</i>	Crustacea: Ostracoda: Palaeocopida: ?Scrobiculidae	ITALY: Sicily*
Crasquin, Sylvie; Carcione, Lucia; Martini, Rossana (2008) Permian ostracods from the Lercara Formation (Middle Triassic-Carnian?), Sicily, Italy. <i>Palaeontology</i> 51(3):537-560	† <i>Portella trapezoida</i>	Crustacea: Ostracoda: Podocopida: Rectonariidae	ITALY: Sicily*
Crasquin, Sylvie; Carcione, Lucia; Martini, Rossana (2008) Permian ostracods from the Lercara Formation (Middle Triassic-Carnian?), Sicily, Italy. <i>Palaeontology</i> 51(3):537-560	† <i>Siciliella elongata</i>	Crustacea: Ostracoda: Podocopida: Rectonariidae	ITALY: Sicily*
Crasquin, Sylvie; Carcione, Lucia; Martini, Rossana (2008) Permian ostracods from the Lercara Formation (Middle Triassic-Carnian?), Sicily, Italy. <i>Palaeontology</i> 51(3):537-560	† <i>Siciliella infernespinosa</i>	Crustacea: Ostracoda: Podocopida: Rectonariidae	ITALY: Sicily*
Crasquin, Sylvie; Carcione, Lucia; Martini, Rossana (2008) Permian ostracods from the Lercara Formation (Middle Triassic-Carnian?), Sicily, Italy. <i>Palaeontology</i> 51(3):537-560	† <i>Siciliella prima</i>	Crustacea: Ostracoda: Podocopida: Rectonariidae	ITALY: Sicily*
Crasquin, Sylvie; Carcione, Lucia; Martini, Rossana (2008) Permian ostracods from the Lercara Formation (Middle Triassic-Carnian?), Sicily, Italy. <i>Palaeontology</i> 51(3):537-560	† <i>Siciliella quadrata</i>	Crustacea: Ostracoda: Podocopida: Rectonariidae	ITALY: Sicily*
Crasquin, Sylvie; Carcione, Lucia; Martini, Rossana (2008) Permian ostracods from the Lercara Formation (Middle Triassic-Carnian?), Sicily, Italy. <i>Palaeontology</i> 51(3):537-560	† <i>Siciliella spinorobusta</i>	Crustacea: Ostracoda: Podocopida: Rectonariidae	ITALY: Sicily*
Crasquin, Sylvie; Perri, M. Cristina; Nicora, Alda; de Wever, Patrick (2008) Ostracods across the Permian-Triassic boundary in western Tethys: The Bulla Parastratotype (southern Alps, Italy). <i>Rivista Italiana di Paleontologia e Stratigrafia</i> 114(2): 233-262	† <i>Bairdia (Rectobairdia) kershawi</i> Crassquin	Crustacea: Ostracoda: Bairdiidae	ITALY: Trentino-Alto Adige/Südtirol
Crasquin, Sylvie; Perri, M. Cristina; Nicora, Alda; de Wever, Patrick (2008) Ostracods across the Permian-Triassic boundary in western Tethys: The Bulla Parastratotype (southern Alps, Italy). <i>Rivista Italiana di Paleontologia e Stratigrafia</i> 114(2): 233-262	† <i>Bairdia cheni</i> Crassquin	Crustacea: Ostracoda: Bairdiidae	ITALY: Trentino-Alto Adige/Südtirol
Crasquin, Sylvie; Perri, M. Cristina; Nicora, Alda; de Wever, Patrick (2008) Ostracods across the Permian-Triassic boundary in western Tethys: The Bulla Parastratotype (southern Alps, Italy). <i>Rivista Italiana di Paleontologia e Stratigrafia</i> 114(2): 233-262	† <i>Bairdia ortiseiensis</i> Crassquin	Crustacea: Ostracoda: Bairdiidae	ITALY: Trentino-Alto Adige/Südtirol
Crasquin, Sylvie; Perri, M. Cristina; Nicora, Alda; de Wever, Patrick (2008) Ostracods across the Permian-Triassic boundary in western Tethys: The Bulla Parastratotype (southern Alps, Italy). <i>Rivista Italiana di Paleontologia e Stratigrafia</i> 114(2): 233-262	† <i>Bairdiacratia qinglaili</i> Crassquin	Crustacea: Ostracoda: Bairdiidae	ITALY: Trentino-Alto Adige/Südtirol
Crasquin, Sylvie; Perri, M. Cristina; Nicora, Alda; de Wever, Patrick (2008) Ostracods across the Permian-Triassic boundary in western Tethys: The Bulla Parastratotype (southern Alps, Italy). <i>Rivista Italiana di Paleontologia e Stratigrafia</i> 114(2): 233-262	† <i>Bairdiacratia tergilata</i> Crassquin	Crustacea: Ostracoda: Bairdiidae	ITALY: Trentino-Alto Adige/Südtirol

Crasquin, Sylvie; Perri, M. Cristina; Nicora, Alda; de Wever, Patrick (2008) Ostracods across the Permian-Triassic boundary in western Tethys: The Bulla Parastratotype (southern Alps, Italy). <i>Rivista Italiana di Paleontologia e Stratigrafia</i> 114(2): 233-262	† <i>Cavellina alpina</i> Crassquin	Crustacea: Ostracoda: Cavellinidae	ITALY: Trentino-Alto Adige/Südtirol
Crasquin, Sylvie; Perri, M. Cristina; Nicora, Alda; de Wever, Patrick (2008) Ostracods across the Permian-Triassic boundary in western Tethys: The Bulla Parastratotype (southern Alps, Italy). <i>Rivista Italiana di Paleontologia e Stratigrafia</i> 114(2): 233-262	† <i>Cavellina bellerophonella</i> Crassquin	Crustacea: Ostracoda: Cavellinidae	ITALY: Trentino-Alto Adige/Südtirol
Crasquin, Sylvie; Perri, M. Cristina; Nicora, Alda; de Wever, Patrick (2008) Ostracods across the Permian-Triassic boundary in western Tethys: The Bulla Parastratotype (southern Alps, Italy). <i>Rivista Italiana di Paleontologia e Stratigrafia</i> 114(2): 233-262	† <i>Cavellina triassica</i> Crassquin	Crustacea: Ostracoda: Cavellinidae	ITALY: Trentino-Alto Adige/Südtirol
Crasquin, Sylvie; Perri, M. Cristina; Nicora, Alda; de Wever, Patrick (2008) Ostracods across the Permian-Triassic boundary in western Tethys: The Bulla Parastratotype (southern Alps, Italy). <i>Rivista Italiana di Paleontologia e Stratigrafia</i> 114(2): 233-262	† <i>Glyptopleurina pasinii</i> Crassquin	Crustacea: Ostracoda: Knoxitidae	ITALY: Trentino-Alto Adige/Südtirol
Crasquin, Sylvie; Perri, M. Cristina; Nicora, Alda; de Wever, Patrick (2008) Ostracods across the Permian-Triassic boundary in western Tethys: The Bulla Parastratotype (southern Alps, Italy). <i>Rivista Italiana di Paleontologia e Stratigrafia</i> 114(2): 233-262	† <i>Knightina bullaensis</i> Crassquin	Crustacea: Ostracoda: Kirkbyidae	ITALY: Trentino-Alto Adige/Südtirol
Crasquin, Sylvie; Perri, M. Cristina; Nicora, Alda; de Wever, Patrick (2008) Ostracods across the Permian-Triassic boundary in western Tethys: The Bulla Parastratotype (southern Alps, Italy). <i>Rivista Italiana di Paleontologia e Stratigrafia</i> 114(2): 233-262	† <i>Knoxiella ventrospinosa</i> Crassquin	Crustacea: Ostracoda: Knoxitidae	ITALY: Trentino-Alto Adige/Südtirol
Crasquin, Sylvie; Perri, M. Cristina; Nicora, Alda; de Wever, Patrick (2008) Ostracods across the Permian-Triassic boundary in western Tethys: The Bulla Parastratotype (southern Alps, Italy). <i>Rivista Italiana di Paleontologia e Stratigrafia</i> 114(2): 233-262	† <i>Microcheilinella lata</i> Crassquin	Crustacea: Ostracoda: Microcheilinellidae	ITALY: Trentino-Alto Adige/Südtirol
Crasquin, Sylvie; Perri, M. Cristina; Nicora, Alda; de Wever, Patrick (2008) Ostracods across the Permian-Triassic boundary in western Tethys: The Bulla Parastratotype (southern Alps, Italy). <i>Rivista Italiana di Paleontologia e Stratigrafia</i> 114(2): 233-262	† <i>Parabythocythere?</i> <i>chongpani</i> Crassquin	Crustacea: Ostracoda: Bythocytheridae	ITALY: Trentino-Alto Adige/Südtirol
Crawford, Robert S. (2008) A new species of fossil homolid crab (Decapoda: Brachyura) from the Río Foyel Formation (Paleogene), Río Negro Province, Argentina. <i>Journal of Paleontology</i> 82(4): 835-841	† <i>Paromola vetula</i>	Crustacea: Decapoda: Brachyura: Homolidae	ARGENTINA: Río Negro*
Crisafulli, Alexandra; Lutz, Alicia (2008) Un nuevo tallo permineralizado de Equisetales de la Formación Los Rastros (Triásico Medio - Superior), provincia de San Juan, Argentina. <i>Revista del Museo Argentino de Ciencias Naturales N.S.</i> 10(1): 71-79	† <i>Halleiapitys rastrensis</i>	Sphenophyta: Equisetales:	ARGENTINA: San Juan Province*
Crisafulli, Alexandra; Sánchez Hernández, Bárbara; Herbst, Rafael (2008) Filicales y Bennettitales del Cretácico Inferior de Carazuelo, provincia de Soria, España. <i>Geobios</i> 41(5): 589-604	† <i>Cycadeoidea barbarae</i> Crisafulli	Gymnospermatophyta: Bennettitales: Cycadeoidaceae	SPAIN: Castile and León Autonomous Community* (Soria Province)
Cumbaa, Stephen L.; Murray, Alison M. (2008) New Late Cretaceous pachyrhizodontid and enchodontoid fishes and associated ichthyofauna from the Northwest Territories, Canada. In: Arratia, Gloria; Schultze, Hans-Peter; Wilson, Mark V.H. (eds.) (2008) <i>Mesozoic Fishes 4. Homology and Phylogeny</i> . Proceedings of the International Meeting, Miraflores de la Sierra, 2005. Verlag Dr. Friedrich Pfeil: München, pp. 229-256	† <i>Aquilopiscis wilsoni</i>	Crossognathiformes: Pachyrhizodontoidei: Pachyrhizodontidae	CANADA: Northern Territories*

Cumbaa, Stephen L.; Murray, Alison M. (2008) New Late Cretaceous pachyrhizodontid and enchodontoid fishes and associated ichthyofauna from the Northwest Territories, Canada. In: Arratia, Gloria; Schultze, Hans-Peter; Wilson, Mark V.H. (eds.) (2008) Mesozoic Fishes 4. Homology and Phylogeny. Proceedings of the International Meeting, Miraflores de la Sierra, 2005. Verlag Dr. Friedrich Pfeil: München, pp. 229-256	† <i>Ornatipholis sahtu</i>	Aulopiformes: Enchodontoidei: fam. indet.	CANADA: Northern Territories*
Cunningham, John A.; Hof, Cees H.J.; Braddy, Simon J. (2008) <i>Lenisquilla californiensis</i> , a new species of stomatopod crustacean. Journal of Paleontology 82(2): 431-435	† <i>Lenisquilla californiensis</i>	Crustacea: Malacostraca: Stomatopoda: Squillidae	USA: California: NA*
Cuny, G.; Suteethorn, V.; Kamha, S.; Buffetaut, E. (2008) Hybodont sharks from the lower Cretaceous Khok Kruat Formation of Thailand, and hybodont diversity during the Early Cretaceous. In: <i>Fishes and the Break-Up of Pangaea</i> . Geological Society Special Publication, No. 295. (L. Calvin, A. Longbottom and M. Richter, eds.) Geological Society: London, ISBN: 9781862392489, pp. 93-107	† <i>Hybodus aequitridentatus</i>	Chondrichthyes: Elasmobranchii: Hybodontiformes: Hybodontidae	THAILAND: Khon Kaen Province*
Cuny, G.; Suteethorn, V.; Kamha, S.; Buffetaut, E. (2008) Hybodont sharks from the lower Cretaceous Khok Kruat Formation of Thailand, and hybodont diversity during the Early Cretaceous. In: <i>Fishes and the Break-Up of Pangaea</i> . Geological Society Special Publication, No. 295. (L. Calvin, A. Longbottom and M. Richter, eds.) Geological Society: London, ISBN: 9781862392489, pp. 93-107	† <i>Hybodus aequitridentatus</i>	Chondrichthyes: Elasmobranchii: Hybodontiformes: Hybodontidae	THAILAND: Ubon Ratchathani Province*
Cuny, G.; Suteethorn, V.; Kamha, S.; Buffetaut, E. (2008) Hybodont sharks from the lower Cretaceous Khok Kruat Formation of Thailand, and hybodont diversity during the Early Cretaceous. In: <i>Fishes and the Break-Up of Pangaea</i> . Geological Society Special Publication, No. 295. (L. Calvin, A. Longbottom and M. Richter, eds.) Geological Society: London, ISBN: 9781862392489, pp. 93-107	† <i>Khoratodus foreyi</i>	Chondrichthyes: Elasmobranchii: Hybodontiformes: Thaiodontidae	THAILAND: Ubon Ratchathani Province*
da Silva, Rafael Costa; Ferigolo, Jorge; Carvalho, Ismar de Souza; Fernandes, Antonio Carlos Sequeira (2008) Lacertoid footprints from the Upper Triassic (Santa Maria Formation) of southern Brazil. Palaeogeography, Palaeoclimatology, Palaeoecology 262(3-4): 140-156	† <i>Rhynchosauroides retroversipes</i> isp.n.	Ichnospecies	BRAZIL
Damborenea, Susana E.; Ferrari, S. Mariel (2008) El género <i>Lithotrochus</i> Conrad (Gastropoda, Vetigastropoda) en el Jurásico temprano de Argentina. Ameghiniana 45(1): 197-209	† <i>Lithotrochus rothi</i>	Mollusca: Gastropoda: Trochidae	ARGENTINA: Neuquén*
Danelian, Taniel (2008) Diversity and biotic changes of Archaeodictyomitrid radiolaria from the Aptian/Albian transition (OAE1b) of southern Albania. Micropaleontology 54(1): 3-13	† <i>Archaeodictyomitra ioniana</i> Danelian	Rhizaria: Radiolaria: Nassellaria: Archaeodictyomitridae	ALBANIA: Elbasan County*
Danelian, Taniel (2008) Diversity and biotic changes of Archaeodictyomitrid radiolaria from the Aptian/Albian transition (OAE1b) of southern Albania. Micropaleontology 54(1): 3-13	† <i>Mita amphora</i> Danelian	Rhizaria: Radiolaria: Nassellaria: Archaeodictyomitridae	ALBANIA: Elbasan County*
Darragh, Thomas A.; Kendrick, George W. (2008) Silicified Eocene molluscs from the Lower Murchison district, Southern Carnarvon Basin, Western Australia. Records of the Western Australian Museum 24(3): 217-246	† <i>Cerithium wilya</i>	Mollusca: Gastropoda: Cerithiidae	AUSTRALIA: Western Australia*

Darragh, Thomas A.; Kendrick, George W. (2008) Silicified Eocene molluscs from the Lower Murchison district, Southern Carnarvon Basin, Western Australia. Records of the Western Australian Museum 24(3): 217-246	† <i>Lyria lamellatoplicata</i>	Mollusca: Gastropoda: Volutidae	AUSTRALIA: Western Australia*
Darragh, Thomas A.; Kendrick, George W. (2008) Silicified Eocene molluscs from the Lower Murchison district, Southern Carnarvon Basin, Western Australia. Records of the Western Australian Museum 24(3): 217-246	† <i>Zeacolpus bartoni</i>	Mollusca: Gastropoda: Turritellidae	AUSTRALIA: Western Australia*
Darras, Laurent; Derycke, Claire; Blieck, Alain; Vachard, Daniel (2008) The oldest holocephalan (Chondrichthyes) from the Middle Devonian of the Boulonnais (Pas-de-Calais, France). Comptes Rendus Palevol 7(5): 297-304	† <i>Melanodus loonesi</i>	Chondrichthyes: Holocephali: Copodontiformes: Copodontidae	FRANCE: Nord-Pas-de-Calais Region* (Pas-de-Calais Department)
de Andrade, Marco Brandalise; Bertini, Reinaldo J. (2008) A new <i>Sphagesaurus</i> (Mesoeucrocodylia: Notosuchia) from the Upper Cretaceous of Monte Alto City (Bauru Group, Brazil), and a revision of the Sphagesauridae. Historical Biology 20(2): 101-136	† <i>Sphagesaurus montealtensis</i>	Sauropsida: Crocodylomorpha: Sphagesauridae	BRAZIL: São Paulo State*
de Angeli, Antonio; Garassino, Alessandro (2008) <i>Pseudosquilla lessinea</i> n.sp. (Crustacea, Stomatopoda, Pseudosquillidae) and <i>Scyllarides bolcensis</i> n.sp. (Crustacea, Decapoda, Scyllaridae) from the lower Eocene (Ypresian) of Monte Postale (Altissimo, Vicenza, NE Italy). Atti della Società Italiana di Scienze Naturali e del Museo Civico di Storia Naturale in Milano 149(2): 167-178	† <i>Pseudosquilla lessinea</i>	Crustacea: Stomatopoda: Gonodactyloidea: Pseudosquillidae	ITALY: Veneto Region* (Altissimo Province)
de Angeli, Antonio; Garassino, Alessandro (2008) <i>Pseudosquilla lessinea</i> n.sp. (Crustacea, Stomatopoda, Pseudosquillidae) and <i>Scyllarides bolcensis</i> n.sp. (Crustacea, Decapoda, Scyllaridae) from the lower Eocene (Ypresian) of Monte Postale (Altissimo, Vicenza, NE Italy). Atti della Società Italiana di Scienze Naturali e del Museo Civico di Storia Naturale in Milano 149(2): 167-178	† <i>Scyllarides bolcensis</i>	Crustacea: Decapoda: Achelata: Palinuroidea: Scyllaridae	ITALY: Veneto Region* (Altissimo Province)
De Franceschi, Dario; Hoorn, Carina; Antoine, Pierre-Olivier; Cheema, Iqbal U.; Flynn, Lawrence J.; Lindsay, Everett H.; Marivaux, Laurent; Métais, Grégoire; Rajpar, A. Rahim; Welcomme, Jean-Loup (2008) Floral data from the mid-Cenozoic of central Pakistan. Review of Palaeobotany and Palynology 150(1-4): 115-129	† <i>Terminalioxylon sulaimanense</i>	Angiospermae: Myrtales: Combretaceae	PAKISTAN: Balochistan*
de Marfà, Roger (2008) <i>Oryctolagus giberti</i> n.sp. (Lagomorpha, Mammalia) du Pléistocène inférieur de Cueva Victoria (Murcie, Espagne). Comptes Rendus Palevol 7(5): 305-313	† <i>Oryctolagus giberti</i>	Mammalia: Lagomorpha: Leporidae	SPAIN: Murcia Autonomous Community* (Murcia Province)
De Schepper, Stijn; Head, Martin J. (2008) New dinoflagellate cyst and acritarch taxa from the Pliocene and Pleistocene of the eastern North Atlantic (DSDP Site 610). Journal of Systematic Palaeontology 6(1): 101-117	† <i>Cymatiosphaera latisepta</i>	Acritarch	ATLANTIC OCEAN (Labrador Sea)
De Schepper, Stijn; Head, Martin J. (2008) New dinoflagellate cyst and acritarch taxa from the Pliocene and Pleistocene of the eastern North Atlantic (DSDP Site 610). Journal of Systematic Palaeontology 6(1): 101-117	† <i>Cymatiosphaera latisepta</i>	Acritarch	ATLANTIC OCEAN (western North Atlantic) (35°30'N 70°2'W)

De Schepper, Stijn; Head, Martin J. (2008) New dinoflagellate cyst and acritarch taxa from the Pliocene and Pleistocene of the eastern North Atlantic (DSDP Site 610). <i>Journal of Systematic Palaeontology</i> 6(1): 101-117	† <i>Impagidinium cantabrigiense</i>	Chromalveolata: Alveolata: Dinophyceae: Gonyaulacales	ATLANTIC OCEAN (53°13.297'N 18°53.213'W)
De Schepper, Stijn; Head, Martin J. (2008) New dinoflagellate cyst and acritarch taxa from the Pliocene and Pleistocene of the eastern North Atlantic (DSDP Site 610). <i>Journal of Systematic Palaeontology</i> 6(1): 101-117	† <i>Impagidinium cantabrigiense</i>	Chromalveolata: Alveolata: Dinophyceae: Gonyaulacales	GREECE: (Zakynthos Island)
De Schepper, Stijn; Head, Martin J. (2008) New dinoflagellate cyst and acritarch taxa from the Pliocene and Pleistocene of the eastern North Atlantic (DSDP Site 610). <i>Journal of Systematic Palaeontology</i> 6(1): 101-117	† <i>Lavradosphaera crista</i>	Acritarch	ATLANTIC OCEAN (Baffin Bay)
De Schepper, Stijn; Head, Martin J. (2008) New dinoflagellate cyst and acritarch taxa from the Pliocene and Pleistocene of the eastern North Atlantic (DSDP Site 610). <i>Journal of Systematic Palaeontology</i> 6(1): 101-117	† <i>Lavradosphaera crista</i>	Acritarch	ATLANTIC OCEAN (Labrador Sea)
De Schepper, Stijn; Head, Martin J. (2008) New dinoflagellate cyst and acritarch taxa from the Pliocene and Pleistocene of the eastern North Atlantic (DSDP Site 610). <i>Journal of Systematic Palaeontology</i> 6(1): 101-117	† <i>Lavradosphaera crista</i>	Acritarch	NORWEGIAN SEA
De Schepper, Stijn; Head, Martin J. (2008) New dinoflagellate cyst and acritarch taxa from the Pliocene and Pleistocene of the eastern North Atlantic (DSDP Site 610). <i>Journal of Systematic Palaeontology</i> 6(1): 101-117	† <i>Lavradosphaera lucifer</i>	Acritarch	ATLANTIC OCEAN (Baffin Bay)
De Schepper, Stijn; Head, Martin J. (2008) New dinoflagellate cyst and acritarch taxa from the Pliocene and Pleistocene of the eastern North Atlantic (DSDP Site 610). <i>Journal of Systematic Palaeontology</i> 6(1): 101-117	† <i>Lavradosphaera lucifer</i>	Acritarch	ATLANTIC OCEAN (Labrador Sea)
de Seoane, Liliana Villar; Archangelsky, Sergio (2008) Taxonomy and biostratigraphy of Cretaceous megaspores from Patagonia, Argentina. <i>Cretaceous Research</i> 29(2): 354-372	† <i>Arcellites humilis</i>	Pteridophyta: Pteridopsida: Salviniales: Marsileaceae	ARGENTINA: Santa Cruz Province*
de Seoane, Liliana Villar; Archangelsky, Sergio (2008) Taxonomy and biostratigraphy of Cretaceous megaspores from Patagonia, Argentina. <i>Cretaceous Research</i> 29(2): 354-372	† <i>Arcellites pentagonalis</i>	Pteridophyta: Pteridopsida: Salviniales: Marsileaceae	ARGENTINA: Santa Cruz Province*
de Seoane, Liliana Villar; Archangelsky, Sergio (2008) Taxonomy and biostratigraphy of Cretaceous megaspores from Patagonia, Argentina. <i>Cretaceous Research</i> 29(2): 354-372	† <i>Erlansonisporites verrucatus</i>	Lycopodiophyta: Isoetopsida: Selaginellales: Selaginellaceae	ARGENTINA: Santa Cruz Province*
de Seoane, Liliana Villar; Archangelsky, Sergio (2008) Taxonomy and biostratigraphy of Cretaceous megaspores from Patagonia, Argentina. <i>Cretaceous Research</i> 29(2): 354-372	† <i>Minerisporites aequatus</i>	Lycopodiophyta: Isoetopsida: Isoetales: Isoetaceae	ARGENTINA: Santa Cruz Province*
de Seoane, Liliana Villar; Archangelsky, Sergio (2008) Taxonomy and biostratigraphy of Cretaceous megaspores from Patagonia, Argentina. <i>Cretaceous Research</i> 29(2): 354-372	† <i>Striatriletes areolatus</i>	Lycopodiophyta: Isoetopsida: Isoetales: Isoetaceae	ARGENTINA: Santa Cruz Province*

de Valais, Silvina; Melchor, Ricardo N. (2008) Ichnotaxonomy of bird-like footprints: An example from the Late Triassic-Early Jurassic of northwest Argentina. <i>Journal of Vertebrate Paleontology</i> 28(1): 145-159	† <i>Gruipeda dominguensis</i> isp.n.	Aves: incertae sedis	ARGENTINA: La Rioja Province*
Decombeix, A.-L.; Meyer-Berthaud, B.; Galtier, J. (2008) Diversity of Mississippian arborescent lignophytes: A new species of <i>Eristophyton</i> from the Middle Tournaisian of France. <i>International Journal of Plant Sciences</i> 169(8): 1116-1127	† <i>Eristophyton feistii</i> Decombeix, Meyer-Berthaud & Galtier	Euphyllophytina: Lignophytia: ord. indet.: fam. indet.	FRANCE: Languedoc-Roussillon Region* (Hérault Department, Montpellier Arondissement)
Dehghani, Reihaneh; Werdelin, Lars (2008) A new small carnivoran from the Middle Miocene of Fort Ternan, Kenya. <i>Neues Jahrbuch für Geologie und Paläontologie Abhandlungen</i> 248(2): 233-244	† <i>Kanuites lewisae</i>	Mammalia: Carnivora: Viverridae	KENYA: Nyanza*
Del Fueyo, Georgina M.; Archangelsky, Sergio; Llorens, Magdalena; Cúneo, Rubén (2008) Coniferous ovulate cones from the Lower Cretaceous of Santa Cruz Province, Argentina. <i>International Journal of Plant Sciences</i> 169(6): 799-813	† <i>Kachaikestrobis acuminatus</i> del Fueyo, Archangelsky, Llorens & Cúneo	Coniferales: Cheirolepidiaceae	ARGENTINA: Santa Cruz*
del Río, Claudia J.; Beu, Alan G.; Martinez, Sergio A. (2008) The pectinoidean genera <i>Delectopecten</i> Stewart, 1930 and <i>Parvamussium</i> Sacco, 1897 in the Danian of Northern Patagonia, Argentina. <i>Neues Jahrbuch für Geologie und Paläontologie Abhandlungen</i> 249(3): 281-295	† <i>Delectopecten neuquenensis</i>	Mollusca: Bivalvia: Pectinoida: Pectinidae	ARGENTINA: La Pampa*
del Río, Claudia J.; Beu, Alan G.; Martinez, Sergio A. (2008) The pectinoidean genera <i>Delectopecten</i> Stewart, 1930 and <i>Parvamussium</i> Sacco, 1897 in the Danian of Northern Patagonia, Argentina. <i>Neues Jahrbuch für Geologie und Paläontologie Abhandlungen</i> 249(3): 281-295	† <i>Delectopecten neuquenensis</i>	Mollusca: Bivalvia: Pectinoida: Pectinidae	ARGENTINA: Río Negro*
del Río, Claudia J.; Beu, Alan G.; Martinez, Sergio A. (2008) The pectinoidean genera <i>Delectopecten</i> Stewart, 1930 and <i>Parvamussium</i> Sacco, 1897 in the Danian of Northern Patagonia, Argentina. <i>Neues Jahrbuch für Geologie und Paläontologie Abhandlungen</i> 249(3): 281-295	† <i>Parvamussium bayosense</i>	Mollusca: Bivalvia: Pectinoida: Propeamussiidae	ARGENTINA: La Pampa*
del Río, Claudia J.; Beu, Alan G.; Martinez, Sergio A. (2008) The pectinoidean genera <i>Delectopecten</i> Stewart, 1930 and <i>Parvamussium</i> Sacco, 1897 in the Danian of Northern Patagonia, Argentina. <i>Neues Jahrbuch für Geologie und Paläontologie Abhandlungen</i> 249(3): 281-295	† <i>Parvamussium bayosense</i>	Mollusca: Bivalvia: Pectinoida: Propeamussiidae	ARGENTINA: Río Negro*
Delclòs, Xavier; Nel, André; Azar, Dany; Bechly, Günter; Dunlop, Jason A.; Engel, Michael S.; Heads, Sam W. (2008) The enigmatic Mesozoic insect taxon Chresmodidae (Polyneoptera): New palaeobiological and phylogenetic data, with the description of a new species from the Lower Cretaceous of Brazil. <i>Neues Jahrbuch für Geologie und Paläontologie Abhandlungen</i> 247(3): 353-381	† <i>Chresmoda neotropica</i>	Polyneoptera: Chresmodidae	BRAZIL: Ceará*
Delfino, Massimo; Martin, Jeremy E.; Buffetaut, Eric (2008) A new species of <i>Acynodon</i> (Crocodylia) from the Upper Cretaceous (Santonian-Campanian) of Villaggio del Pescatore, Italy. <i>Palaeontology</i> 51(5):1091-1106	† <i>Acynodon adriaticus</i>	Crocodylia: Eusuchia: Alligatoroidea: fam. indet.	ITALY: Friuli-Venezia Giulia Region* (Trieste Province)

Deng, Tao (2008) A new elasmothere (Perissodactyla, Rhinocerotidae) from the Late Miocene of the Linxia Basin in Gansu, China. <i>Geobios</i> 41(6): 719-728	† <i>Ningxiatherium euryrhinus</i>	Mammalia: Perissodactyla: Rhinocerotidae	CHINA: Gansu*
Deng, Tao; He, Wen; Chen, Shan-Qin (2008) [A new species of the Late Miocene tapirs (Perissodactyla, Tapiridae) from the Linxia Basin in Gansu, China]. <i>Vertebrata Palasiatica</i> 46(3): 190-209 (in Chinese)	† <i>Tapirus hezhengensis</i>	Mammalia: Perissodactyla: Tapiridae	CHINA: Gansu*
Deraco, María V.; Powell, Jaime E.; Lopez, Guillermo (2008) Primer leontínido (Mammalia, Notoungulata) de la Formación Lumbra (Subgrupo Santa Bárbara, Grupo Salta-Paleógeno) del noroeste argentino. <i>Ameghiniana</i> 45(1): 83-91	† <i>Coquenia bondi</i>	Mammalia: Notoungulata: Leontiniidae	ARGENTINA: Salta*
DeVries, Thomas J. (2008) Cenozoic <i>Nacella</i> (Patellogastropoda: Nacellidae) from Peru and Chile: Filling in the gaps. <i>Veliger</i> 50(4): 274-291	† <i>Nacella (Nacella) lacrima</i>	Mollusca: Patellogastropoda: Nacellidae	PERU: Arequipa Region*
DeVries, Thomas J. (2008) Cenozoic <i>Nacella</i> (Patellogastropoda: Nacellidae) from Peru and Chile: Filling in the gaps. <i>Veliger</i> 50(4): 274-291	† <i>Nacella (Patinigera) chalaensis</i>	Mollusca: Patellogastropoda: Nacellidae	PERU: Ancash Region*
DeVries, Thomas J. (2008) Cenozoic <i>Nacella</i> (Patellogastropoda: Nacellidae) from Peru and Chile: Filling in the gaps. <i>Veliger</i> 50(4): 274-291	† <i>Nacella (Patinigera) intiforma</i>	Mollusca: Patellogastropoda: Nacellidae	CHILE: NA*
DeVries, Thomas J. (2008) Cenozoic <i>Nacella</i> (Patellogastropoda: Nacellidae) from Peru and Chile: Filling in the gaps. <i>Veliger</i> 50(4): 274-291	† <i>Nacella (Patinigera) intiforma</i>	Mollusca: Patellogastropoda: Nacellidae	PERU: (near Ocoña)
DeVries, Thomas J. (2008) Cenozoic <i>Nacella</i> (Patellogastropoda: Nacellidae) from Peru and Chile: Filling in the gaps. <i>Veliger</i> 50(4): 274-291	† <i>Nacella (Patinigera) nielsenii</i>	Mollusca: Patellogastropoda: Nacellidae	PERU: Arequipa Region*
DeVries, Thomas J. (2008) Cenozoic <i>Nacella</i> (Patellogastropoda: Nacellidae) from Peru and Chile: Filling in the gaps. <i>Veliger</i> 50(4): 274-291	† <i>Nacella (Patinigera) oblea</i>	Mollusca: Patellogastropoda: Nacellidae	PERU: Ancash Region*
DeVries, Thomas J. (2008) Cenozoic <i>Nacella</i> (Patellogastropoda: Nacellidae) from Peru and Chile: Filling in the gaps. <i>Veliger</i> 50(4): 274-291	† <i>Nacella (Patinigera) oconaensis</i>	Mollusca: Patellogastropoda: Nacellidae	PERU: Arequipa Region*
DeVries, Thomas J. (2008) Cenozoic <i>Nacella</i> (Patellogastropoda: Nacellidae) from Peru and Chile: Filling in the gaps. <i>Veliger</i> 50(4): 274-291	† <i>Nacella (Patinigera) reicheae</i>	Mollusca: Patellogastropoda: Nacellidae	PERU: Ica Region*
DeVries, Thomas J. (2008) Pliocene and Pleistocene <i>Fissurella</i> Bruguière, 1789 (Gastropoda: Fissurellidae) from southern Peru. <i>Veliger</i> 50(2): 129-148	† <i>Fissurella (Fissurella) aranea</i>	Mollusca: Gastropoda: Fissurellidae	PERU: (above Playa Huacilaco, 10 km SE of Chala)
DeVries, Thomas J. (2008) Pliocene and Pleistocene <i>Fissurella</i> Bruguière, 1789 (Gastropoda: Fissurellidae) from southern Peru. <i>Veliger</i> 50(2): 129-148	† <i>Fissurella (Fissurella) aranea</i>	Mollusca: Gastropoda: Fissurellidae	PERU: (SE of Rio Acari, E of Chauvifña)
DeVries, Thomas J. (2008) Pliocene and Pleistocene <i>Fissurella</i> Bruguière, 1789 (Gastropoda: Fissurellidae) from southern Peru. <i>Veliger</i> 50(2): 129-148	† <i>Fissurella (Fissurella) geoglyphia</i>	Mollusca: Gastropoda: Fissurellidae	PERU: (SE of Yauca)

DeVries, Thomas J. (2008) Pliocene and Pleistocene <i>Fissurella</i> Bruguière, 1789 (Gastropoda: Fissurellidae) from southern Peru. <i>Veliger</i> 50(2): 129-148	† <i>Fissurella</i> (<i>Fissurella</i>) <i>mcleani</i>	Mollusca: Gastropoda: Fissurellidae	PERU: (NW of Yauca)
DeVries, Thomas J. (2008) Pliocene and Pleistocene <i>Fissurella</i> Bruguière, 1789 (Gastropoda: Fissurellidae) from southern Peru. <i>Veliger</i> 50(2): 129-148	† <i>Fissurella</i> (<i>Fissurella</i>) <i>persica</i>	Mollusca: Gastropoda: Fissurellidae	PERU: (above Playa Huacllaco, 10 km SE of Chala)
DeVries, Thomas J. (2008) Pliocene and Pleistocene <i>Fissurella</i> Bruguière, 1789 (Gastropoda: Fissurellidae) from southern Peru. <i>Veliger</i> 50(2): 129-148	† <i>Fissurella</i> (<i>Fissurella</i>) <i>persica</i>	Mollusca: Gastropoda: Fissurellidae	PERU: (SE of Rio Acari, E of Chauviña)
di Pasquo, M.M.; Noetinger, S. (2008) First record of Early Devonian (Lochkovian) flora from the Santa Rosa Formation, Alarache, southern Bolivia. <i>Geologica Acta</i> 6(2): 191-210	† <i>Acinosporites macgregorii</i>	Anteturma Proximegerminantes: Turma Triletes: Suprasubturma Acavatriletes: Subturma Azonotriletes: Infraturma Murornati	BOLIVIA: Tarija Department*
di Pasquo, M.M.; Noetinger, S. (2008) First record of Early Devonian (Lochkovian) flora from the Santa Rosa Formation, Alarache, southern Bolivia. <i>Geologica Acta</i> 6(2): 191-210	† <i>Retusotriletes albarinii</i>	Anteturma Proximegerminantes: Turma Triletes: Suprasubturma Acavatriletes: Subturma Azonotriletes: Infraturma Retusotrileti	BOLIVIA: Tarija Department*
Dietze, Volker; Stappenbeck, Gerald; Wannenmacher, Norbert; Schweigert, Günter (2008) Stratigraphie und Ammoniten-Faunenhorizonte im Grenzbereich Sauzei-/Humphriesianum-Zone (Unter-Bajocium, Mitteljura) der westlichen Schwäbischen Alb (SW-Deutschland). <i>Palaeodiversity</i> 1: 141-165	† <i>Sonnina ohmerti</i>	Mollusca : Ammonitida: Sonniniidae	GERMANY: Baden-Württemberg*
Dimiza, Margarita D.; Triantaphyllou, Maria V.; Dermitzakis, Michael D. (2008) Seasonality and ecology of living coccolithophores in Eastern Mediterranean coastal environments (Andros Island, Middle Aegean Sea). <i>Micropaleontology</i> 54(2): 159-175	† <i>Holococcolithophora kastriensis</i> Dimiza & Triantaphyllou	Chromista: Haptophyta: Zygodiscales: Calyptosphaeraceae	GREECE: South Aegean*
Diotti, Luciano (2008) <i>Otiorhynchus</i> (<i>Nehrodistus</i>) <i>pesarinii</i> , nuova specie del Massiccio del Monte Sirino, S Italia (Coleoptera Curculionidae). <i>Atti della Società Italiana di Scienze Naturali e del Museo Civico di Storia Naturale in Milano</i> 149(1): 3-8	† <i>Otiorhynchus</i> (<i>Nehrodistus</i>) <i>pesarinii</i>	Coleoptera: Curculionidae	ITALY: Basilicata Region* (PZ)
Dlussky, G.M. (2008) [New species of ants of the genus <i>Dolichoderus</i> (Hymenoptera, Formicidae) from Late Eocene ambers of Europe]. <i>Vestnik Zoologii</i> 42(6): 497-514 (in Ukrainian)	† <i>Dolichoderus brevipalpis</i> Dlussky	Hymenoptera: Formicidae	("Baltic amber")

Dlussky, G.M. (2008) [New species of ants of the genus <i>Dolichoderus</i> (Hymenoptera, Formicidae) from Late Eocene ambers of Europe]. Vestnik Zoologii 42(6): 497-514 (in Ukrainian)	† <i>Dolichoderus brevipennis</i> Dlussky	Hymenoptera: Formicidae	GERMANY: Saxony-Anhalt State* ("Bitterfield amber")
Dlussky, G.M. (2008) [New species of ants of the genus <i>Dolichoderus</i> (Hymenoptera, Formicidae) from Late Eocene ambers of Europe]. Vestnik Zoologii 42(6): 497-514 (in Ukrainian)	† <i>Dolichoderus granulinotus</i> Dlussky	Hymenoptera: Formicidae	("Baltic amber")
Dlussky, G.M. (2008) [New species of ants of the genus <i>Dolichoderus</i> (Hymenoptera, Formicidae) from Late Eocene ambers of Europe]. Vestnik Zoologii 42(6): 497-514 (in Ukrainian)	† <i>Dolichoderus kutscheri</i> Dlussky	Hymenoptera: Formicidae	GERMANY: Saxony-Anhalt State* ("Bitterfield amber")
Dlussky, G.M. (2008) [New species of ants of the genus <i>Dolichoderus</i> (Hymenoptera, Formicidae) from Late Eocene ambers of Europe]. Vestnik Zoologii 42(6): 497-514 (in Ukrainian)	† <i>Dolichoderus lucidus</i> Dlussky	Hymenoptera: Formicidae	UKRAINE ("Rovno amber")
Dlussky, G.M. (2008) [New species of ants of the genus <i>Dolichoderus</i> (Hymenoptera, Formicidae) from Late Eocene ambers of Europe]. Vestnik Zoologii 42(6): 497-514 (in Ukrainian)	† <i>Dolichoderus perovskyi</i> Dlussky	Hymenoptera: Formicidae	("Scandinavian amber")
Dlussky, G.M. (2008) [New species of ants of the genus <i>Dolichoderus</i> (Hymenoptera, Formicidae) from Late Eocene ambers of Europe]. Vestnik Zoologii 42(6): 497-514 (in Ukrainian)	† <i>Dolichoderus perovskyi</i> Dlussky	Hymenoptera: Formicidae	UKRAINE ("Rovno amber")
Dlussky, G.M. (2008) [New species of ants of the genus <i>Dolichoderus</i> (Hymenoptera, Formicidae) from Late Eocene ambers of Europe]. Vestnik Zoologii 42(6): 497-514 (in Ukrainian)	† <i>Dolichoderus pilipes</i> Dlussky	Hymenoptera: Formicidae	("Scandinavian amber")
Dlussky, G.M. (2008) [New species of ants of the genus <i>Dolichoderus</i> (Hymenoptera, Formicidae) from Late Eocene ambers of Europe]. Vestnik Zoologii 42(6): 497-514 (in Ukrainian)	† <i>Dolichoderus pilipes</i> Dlussky	Hymenoptera: Formicidae	UKRAINE ("Rovno amber")
Dlussky, G.M. (2008) [New species of ants of the genus <i>Dolichoderus</i> (Hymenoptera, Formicidae) from Late Eocene ambers of Europe]. Vestnik Zoologii 42(6): 497-514 (in Ukrainian)	† <i>Dolichoderus punctatus</i> Dlussky	Hymenoptera: Formicidae	("Baltic amber")
Dlussky, G.M. (2008) [New species of ants of the genus <i>Dolichoderus</i> (Hymenoptera, Formicidae) from Late Eocene ambers of Europe]. Vestnik Zoologii 42(6): 497-514 (in Ukrainian)	† <i>Dolichoderus vlaskini</i> Dlussky	Hymenoptera: Formicidae	UKRAINE ("Rovno amber")
Dlussky, G.M. (2008) Ants of the tribe Formicini (Hymenoptera, Formicidae) from Late Eocene amber of Europe. Paleontological Journal 42(5): 500-513 [Paleontologicheskii Zhurnal 2008(5): 45-59 (in Russian)]	† <i>Cataglyphoides intermedius</i> Dlussky	Hymenoptera: Formicidae	("Baltic amber")
Dlussky, G.M. (2008) Ants of the tribe Formicini (Hymenoptera, Formicidae) from Late Eocene amber of Europe. Paleontological Journal 42(5): 500-513 [Paleontologicheskii Zhurnal 2008(5): 45-59 (in Russian)]	† <i>Conoformica bitterfeldiana</i> Dlussky	Hymenoptera: Formicidae	GERMANY: NA*
Dlussky, G.M. (2008) Ants of the tribe Formicini (Hymenoptera, Formicidae) from Late Eocene amber of Europe. Paleontological Journal 42(5): 500-513 [Paleontologicheskii Zhurnal 2008(5): 45-59 (in Russian)]	† <i>Formica kutscheri</i> Dlussky	Hymenoptera: Formicidae	GERMANY: NA*

Dlussky, G.M. (2008) Ants of the tribe Formicini (Hymenoptera, Formicidae) from Late Eocene amber of Europe. Paleontological Journal 42(5): 500-513 [Paleontologicheskii Zhurnal 2008(5): 45-59 (in Russian)]	† <i>Formica palaeopolonica</i> Dlussky	Hymenoptera: Formicidae	("Baltic amber")
Dlussky, G.M. (2008) Ants of the tribe Formicini (Hymenoptera, Formicidae) from Late Eocene amber of Europe. Paleontological Journal 42(5): 500-513 [Paleontologicheskii Zhurnal 2008(5): 45-59 (in Russian)]	† <i>Formica radchenkoi</i> Dlussky	Hymenoptera: Formicidae	UKRAINE: NA* (Rovno amber)
Dlussky, G.M. (2008) Ants of the tribe Formicini (Hymenoptera, Formicidae) from Late Eocene amber of Europe. Paleontological Journal 42(5): 500-513 [Paleontologicheskii Zhurnal 2008(5): 45-59 (in Russian)]	† <i>Formica zherikhini</i> Dlussky	Hymenoptera: Formicidae	("Baltic amber")
Dlussky, Gennady M.; Wappler, Torsten; Wedmann, Sonja (2008) New Middle Eocene formicid species from Germany and the evolution of weaver ants. Acta Palaeontologica Polonica 53(4): 615-626	† <i>Oecophylla eckfeldiana</i> Dlussky	Hymenoptera: Formicidae	GERMANY: Rheinland-Pfalz*
Dlussky, Gennady M.; Wappler, Torsten; Wedmann, Sonja (2008) New Middle Eocene formicid species from Germany and the evolution of weaver ants. Acta Palaeontologica Polonica 53(4): 615-626	† <i>Oecophylla longiceps</i> Dlussky	Hymenoptera: Formicidae	GERMANY: Hessen*
Domínguez Alonso, Patricio (2008) Nuevo cangrejo violinista (género <i>Uca</i> , Ocypodidae) en el Plio-Pleistoceno del litoral pacífico de Honduras. Ameghiniana 45(4): 663-676	† <i>Uca (Uca) marinae</i>	Crustacea: Decapoda: Brachyura: Ocypodidae	HONDURAS: Choluteca*
Dommergues, Jean-Louis; Dugué, Olivier; Gauthier, Henri; Meister, Christian; Neige, Pascal; Raynaud, Daniel; Savary, Xavier; Trevisan, Marcel (2008) Les ammonites du Pliensbachien et du Toarcien basal dans la carrière de la Roche Blain (Fresnay-le-Puceux, Calvados, Basse-Normandie, France). Taxonomie, implications stratigraphiques et paléobiogéographiques. Revue de Paléobiologie 27(1): 265-329	† <i>Acanthopleuroceras gauthieri</i> Dommergues & Meister	Mollusca: Cephalopoda: Ammonoidea: Tropicoceratidae	FRANCE: Basse-Normandie Region* (Calvados Department)
Dommergues, Jean-Louis; Dugué, Olivier; Gauthier, Henri; Meister, Christian; Neige, Pascal; Raynaud, Daniel; Savary, Xavier; Trevisan, Marcel (2008) Les ammonites du Pliensbachien et du Toarcien basal dans la carrière de la Roche Blain (Fresnay-le-Puceux, Calvados, Basse-Normandie, France). Taxonomie, implications stratigraphiques et paléobiogéographiques. Revue de Paléobiologie 27(1): 265-329	† <i>Catriceras? rioulti</i> Dommergues & Meister	Mollusca: Cephalopoda: Ammonoidea: Tropicoceratidae	FRANCE: Basse-Normandie Region* (Calvados Department)
Domning, Daryl P.; Aguilera, Orangel A. (2008) Fossil Sirenia of the West Atlantic and Caribbean Region. VIII. <i>Nanosiren garciae</i> , gen. et sp. nov. and <i>Nanosiren sanchezi</i> , sp. nov. Journal of Vertebrate Paleontology 28(2): 479-500	† <i>Nanosiren garciae</i> Domning	Mammalia: Sirenia: Dugongidae	USA: Florida: Manatee County*
Domning, Daryl P.; Aguilera, Orangel A. (2008) Fossil Sirenia of the West Atlantic and Caribbean Region. VIII. <i>Nanosiren garciae</i> , gen. et sp. nov. and <i>Nanosiren sanchezi</i> , sp. nov. Journal of Vertebrate Paleontology 28(2): 479-500	† <i>Nanosiren sanchezi</i> Domning & Aguilera	Mammalia: Dugongidae	VENEZUELA: Falcón State*
Dong, Lin; Xiao, Shuhai; Shen, Bing; Zhou, Chuanming (2008) Silicified <i>Horodyskia</i> and <i>Palaeopascichnus</i> from upper Ediacaran cherts in South China: Tentative phylogenetic interpretation and implications for evolutionary stasis. Journal of the Geological Society 165(1): 367-378	† <i>Horodyskia minor</i>	Ediacara	CHINA: Guizhou*
Dong, Lin; Xiao, Shuhai; Shen, Bing; Zhou, Chuanming (2008) Silicified <i>Horodyskia</i> and <i>Palaeopascichnus</i> from upper Ediacaran cherts in South China: Tentative phylogenetic interpretation and implications for evolutionary stasis. Journal of the Geological Society 165(1): 367-378	† <i>Palaeopascichnus jiumenensis</i>	Ediacara	CHINA: Guizhou*

Donovan, S.K.; Lewis, D.N. (2008) A crinoid crown from the Wenlock (Silurian) of Coalbrookdale, Shropshire, England. <i>Scripta Geologica</i> 136: 63-72	† <i>Macrostylocrinus? jefferiesi</i>	Echinodermata: Crinoidea: Monobathrida: Patelliocrinidae	ENGLAND: Shropshire* (Coalbrookdale)
Doria, Gabriela; Jaramillo, Carlos A.; Herrera, Fabiany (2008) Menispermaceae from the Cerrejón Formation, middle to late Paleocene, Colombia. <i>American Journal of Botany</i> 95(8): 954-973	† <i>Menispermites cerrejonensis</i> Doria, Jaramillo & Herrera	Angiospermae: Menispermaceae	COLOMBIA: La Guajira Department*
Doria, Gabriela; Jaramillo, Carlos A.; Herrera, Fabiany (2008) Menispermaceae from the Cerrejón Formation, middle to late Paleocene, Colombia. <i>American Journal of Botany</i> 95(8): 954-973	† <i>Menispermites cordatus</i> Doria, Jaramillo & Herrera	Angiospermae: Menispermaceae	COLOMBIA: La Guajira Department*
Doria, Gabriela; Jaramillo, Carlos A.; Herrera, Fabiany (2008) Menispermaceae from the Cerrejón Formation, middle to late Paleocene, Colombia. <i>American Journal of Botany</i> 95(8): 954-973	† <i>Menispermites guajiraensis</i> Doria, Jaramillo & Herrera	Angiospermae: Menispermaceae	COLOMBIA: La Guajira Department*
Doria, Gabriela; Jaramillo, Carlos A.; Herrera, Fabiany (2008) Menispermaceae from the Cerrejón Formation, middle to late Paleocene, Colombia. <i>American Journal of Botany</i> 95(8): 954-973	† <i>Menispermites horizontalis</i> Doria, Jaramillo & Herrera	Angiospermae: Menispermaceae	COLOMBIA: La Guajira Department*
Dotzler, Nora; Krings, Michael; Agerer, Reinhard; Galtier, Jean; Taylor, Thomas N. (2008) <i>Combresomyces cornifer</i> gen. sp. nov., an endophytic peronosporomycete in <i>Lepidodendron</i> from the Carboniferous of central France. <i>Mycological Research</i> 112(9): 1107-1114	† <i>Combresomyces cornifer</i> Dotzler, M. Krings, Agerer, Galtier & T.N. Taylor	Fungi: Oomycota: Peronosporomycetes: fam. indet.	FRANCE: Rhône-Alpes Region* (Loire Department)
Doyle, James A.; Manchester, Steven R.; Sauquet, Hervé (2008) A seed related to Myristicaceae in the Early Eocene of southern England. <i>Systematic Botany</i> 33(4):636-643	† <i>Myristicacarpum chandlerae</i> Manchester, Doyle & Sauquet	Magnoliales: Myristicaceae	ENGLAND: Kent*
Droser, Mary L.; Gehling, James G. (2008) Synchronous aggregate growth in an abundant new Ediacaran tubular organism. <i>Science</i> 319(5870): 1660-1662	† <i>Funisia dorothea</i>	Ediacara	AUSTRALIA: South Australia*
Druckenmiller, Patrick S.; Russell, Anthony P. (2008) Skeletal anatomy of an exceptionally complete specimen of a new genus of plesiosaur from the Early Cretaceous (Early Albian) of northeastern Alberta, Canada. <i>Palaeontographica, Abteilung A. Paläozoologie, Stratigraphie</i> 283(1-3): 1-33	† <i>Nichollsia borealis</i>	Reptilia: Diapsida: Sauropterygia: Plesiosauria: fam. indet.	CANADA: Alberta*
Duerr, Richard (2008) Two new species of <i>Mitrella</i> (Gastropoda: Neogastropoda: Columbelloidea) from the Lower Miocene Chipola Formation of northwestern Florida. <i>Nautilus</i> 122(3): 151-154	†? <i>Mitrella hayesorum</i>	Mollusca: Gastropoda: Columbellidae	USA: Florida: Calhoun County*
Duerr, Richard (2008) Two new species of <i>Mitrella</i> (Gastropoda: Neogastropoda: Columbelloidea) from the Lower Miocene Chipola Formation of northwestern Florida. <i>Nautilus</i> 122(3): 151-154	†? <i>Mitrella phyllisae</i>	Mollusca: Gastropoda: Columbellidae	USA: Florida: Calhoun County*
Duffin, Christopher J.; Ivanov, Alexander (2008) New chondrichthyan teeth from the Early Carboniferous of Britain and Russia. <i>Acta Geologica Polonica</i> 58(2): 191-197	† <i>Ginteria fungiforma</i>	Teleostei: Chondrichthyes: Anachronistidae	ENGLAND: Derbyshire* (East Midlands)
Duffin, Christopher J.; Ivanov, Alexander (2008) New chondrichthyan teeth from the Early Carboniferous of Britain and Russia. <i>Acta Geologica Polonica</i> 58(2): 191-197	† <i>Ginteria fungiforma</i>	Teleostei: Chondrichthyes: Anachronistidae	RUSSIA: Moscow Oblast*

Duffin, Christopher J.; Ivanov, Alexander (2008) New chondrichthyan teeth from the Early Carboniferous of Britain and Russia. <i>Acta Geologica Polonica</i> 58(2): 191-197	† <i>Ginteria fungiforma</i>	Teleostei: Chondrichthyes: Anachronistidae	RUSSIA: Novgorod Oblast*
Dulai, Alfréd; Bitner, Maria Aleksandra; Müller, Pál (2008) A monospecific assemblage of a new rhynchonellide brachiopod from the Paleocene of Austria. <i>Fossils and Strata</i> 54: 193-201	† <i>Basiliocostella kambueheli</i>	Brachiopoda: Basiliolidae	AUSTRIA: (Kambühel)
Dumitrica, Paulian; Zügel, Peter (2008) Early Tithonian Saturnalidae (Radiolaria) from the Solnhofen area (Southern Franconian Alb, southern Germany). <i>Paläontologische Zeitschrift</i> 82(1): 55-84	† <i>Acanthocircus calvus</i>	Rhizaria: Retaria: Radiolaria: Polycystina: Entactinaria: Saturnalidae	GERMANY: Bayern*
Dumitrica, Paulian; Zügel, Peter (2008) Early Tithonian Saturnalidae (Radiolaria) from the Solnhofen area (Southern Franconian Alb, southern Germany). <i>Paläontologische Zeitschrift</i> 82(1): 55-84	† <i>Acanthocircus echinocircus</i>	Rhizaria: Retaria: Radiolaria: Polycystina: Entactinaria: Saturnalidae	GERMANY: Bayern*
Dumitrica, Paulian; Zügel, Peter (2008) Early Tithonian Saturnalidae (Radiolaria) from the Solnhofen area (Southern Franconian Alb, southern Germany). <i>Paläontologische Zeitschrift</i> 82(1): 55-84	† <i>Acanthocircus echinocircus</i>	Rhizaria: Retaria: Radiolaria: Polycystina: Entactinaria: Saturnalidae	MEXICO: (Taman Formation)
Dumitrica, Paulian; Zügel, Peter (2008) Early Tithonian Saturnalidae (Radiolaria) from the Solnhofen area (Southern Franconian Alb, southern Germany). <i>Paläontologische Zeitschrift</i> 82(1): 55-84	† <i>Acanthocircus spelae</i>	Rhizaria: Retaria: Radiolaria: Polycystina: Entactinaria: Saturnalidae	GERMANY: Bayern*
Dumitrica, Paulian; Zügel, Peter (2008) Early Tithonian Saturnalidae (Radiolaria) from the Solnhofen area (Southern Franconian Alb, southern Germany). <i>Paläontologische Zeitschrift</i> 82(1): 55-84	† <i>Acanthocircus spelae</i>	Rhizaria: Retaria: Radiolaria: Polycystina: Entactinaria: Saturnalidae	MEXICO: (Jaman Formation)
Dumitrica, Paulian; Zügel, Peter (2008) Early Tithonian Saturnalidae (Radiolaria) from the Solnhofen area (Southern Franconian Alb, southern Germany). <i>Paläontologische Zeitschrift</i> 82(1): 55-84	† <i>Moebicircus ruthae</i>	Rhizaria: Retaria: Radiolaria: Polycystina: Entactinaria: Saturnalidae	GERMANY: Bayern*
Dumitrica, Paulian; Zügel, Peter (2008) Early Tithonian Saturnalidae (Radiolaria) from the Solnhofen area (Southern Franconian Alb, southern Germany). <i>Paläontologische Zeitschrift</i> 82(1): 55-84	† <i>Moebicircus ruthae</i>	Rhizaria: Retaria: Radiolaria: Polycystina: Entactinaria: Saturnalidae	PACIFIC OCEAN (western, Mariana Trench)

Dumitrica, Paulian; Zügel, Peter (2008) Early Tithonian Saturnalidae (Radiolaria) from the Solnhofen area (Southern Franconian Alb, southern Germany). Paläontologische Zeitschrift 82(1): 55-84	† <i>Spongosaturinus corpulentus</i>	Rhizaria: Retaria: Radiolaria: Polycystina: Entactinaria: Saturnalidae	GERMANY: Bayern*
Dumitrica, Paulian; Zügel, Peter (2008) Early Tithonian Saturnalidae (Radiolaria) from the Solnhofen area (Southern Franconian Alb, southern Germany). Paläontologische Zeitschrift 82(1): 55-84	† <i>Spongosaturinus corpulentus</i>	Rhizaria: Retaria: Radiolaria: Polycystina: Entactinaria: Saturnalidae	PACIFIC OCEAN (western, Mariana Trench)
Dumitrica, Paulian; Zügel, Peter (2008) Early Tithonian Saturnalidae (Radiolaria) from the Solnhofen area (Southern Franconian Alb, southern Germany). Paläontologische Zeitschrift 82(1): 55-84	† <i>Spongosaturinus kiesslingi</i>	Rhizaria: Retaria: Radiolaria: Polycystina: Entactinaria: Saturnalidae	GERMANY: Bayern*
Dumitrica, Paulian; Zügel, Peter (2008) Early Tithonian Saturnalidae (Radiolaria) from the Solnhofen area (Southern Franconian Alb, southern Germany). Paläontologische Zeitschrift 82(1): 55-84	† <i>Spongosaturinus kiesslingi</i>	Rhizaria: Retaria: Radiolaria: Polycystina: Entactinaria: Saturnalidae	ITALY: Lombardy Region*
Dumitrica, Paulian; Zügel, Peter (2008) Early Tithonian Saturnalidae (Radiolaria) from the Solnhofen area (Southern Franconian Alb, southern Germany). Paläontologische Zeitschrift 82(1): 55-84	† <i>Spongosaturinus matsukai</i>	Rhizaria: Retaria: Radiolaria: Polycystina: Entactinaria: Saturnalidae	GERMANY: Bayern*
Dumitrica, Paulian; Zügel, Peter (2008) Early Tithonian Saturnalidae (Radiolaria) from the Solnhofen area (Southern Franconian Alb, southern Germany). Paläontologische Zeitschrift 82(1): 55-84	† <i>Spongosaturinus matsukai</i>	Rhizaria: Retaria: Radiolaria: Polycystina: Entactinaria: Saturnalidae	PACIFIC OCEAN (western, Mariana Trench)
Dumitrica, Paulian; Zügel, Peter (2008) Early Tithonian Saturnalidae (Radiolaria) from the Solnhofen area (Southern Franconian Alb, southern Germany). Paläontologische Zeitschrift 82(1): 55-84	† <i>Spongosaturinus medioangustus</i>	Rhizaria: Retaria: Radiolaria: Polycystina: Entactinaria: Saturnalidae	ANTARCTICA
Dumitrica, Paulian; Zügel, Peter (2008) Early Tithonian Saturnalidae (Radiolaria) from the Solnhofen area (Southern Franconian Alb, southern Germany). Paläontologische Zeitschrift 82(1): 55-84	† <i>Spongosaturinus medioangustus</i>	Rhizaria: Retaria: Radiolaria: Polycystina: Entactinaria: Saturnalidae	GERMANY: Bayern*

Dumitrica, Paulian; Zügel, Peter (2008) Early Tithonian Saturniidae (Radiolaria) from the Solnhofen area (Southern Franconian Alb, southern Germany). <i>Paläontologische Zeitschrift</i> 82(1): 55-84	† <i>Spongosaturinus radius</i>	Rhizaria: Retaria: Radiolaria: Polycystina: Entactinaria: Saturniidae	GERMANY: Bayern*
Dumitrica, Paulian; Zügel, Peter (2008) Early Tithonian Saturniidae (Radiolaria) from the Solnhofen area (Southern Franconian Alb, southern Germany). <i>Paläontologische Zeitschrift</i> 82(1): 55-84	† <i>Spongosaturinus tortuosus</i>	Rhizaria: Retaria: Radiolaria: Polycystina: Entactinaria: Saturniidae	GERMANY: Bayern*
Dumitrica, Paulian; Zügel, Peter (2008) Early Tithonian Saturniidae (Radiolaria) from the Solnhofen area (Southern Franconian Alb, southern Germany). <i>Paläontologische Zeitschrift</i> 82(1): 55-84	† <i>Spongosaturinus tortuosus</i>	Rhizaria: Retaria: Radiolaria: Polycystina: Entactinaria: Saturniidae	OMAN: (Wahrah Formation)
Dupret, V.; Zhu, M. (2008) The earliest phyllolepid (Placodermi, Arthrodira) from the Late Lochkovian (Early Devonian) of Yunnan (South China). <i>Geological Magazine</i> 145(2): 257-278	† <i>Gavinaspis convergens</i>	Placodermi: Arthrodira: Phyllolepida: Gavinaspididae	CHINA: Yunnan*
Dupret, Vincent (2008) A new Wuttagoonaspis (Placodermi, Arthrodira) from the Lower Devonian of Yunnan (South China): Origin, dispersal, and paleobiogeographic significance. <i>Journal of Vertebrate Paleontology</i> 28(1): 12-20	† <i>Yiminaspis shenme</i>	Placodermi: Arthrodira: Wuttagoonaspididae	CHINA: Yunnan*
Dzik, Jerzy (2008) Gill structure and relationships of the Triassic cycloid crustaceans. <i>Journal of Morphology</i> 269(12): 1501-1519	† <i>Opolanka decorosa</i>	Crustacea: Branchiura: Halicynidae	POLAND
Eagle, M.K. (2008) New comatulid crinoids from the Meyers Pass Limestone Member (Waitakian (Chattian)) of the Pentland Hills and Hurstlea, South Canterbury, New Zealand. <i>Records of the Auckland Museum</i> 45: 101-129	† <i>Amphorometra waitakiana</i>	Crinoidea: Conometridae	NEW ZEALAND: Canterbury Region*
Eagle, M.K. (2008) New comatulid crinoids from the Meyers Pass Limestone Member (Waitakian (Chattian)) of the Pentland Hills and Hurstlea, South Canterbury, New Zealand. <i>Records of the Auckland Museum</i> 45: 101-129	† <i>Comaster meyerensis</i>	Crinoidea: Comasteridae	NEW ZEALAND: Canterbury Region*
Eagle, M.K. (2008) New comatulid crinoids from the Meyers Pass Limestone Member (Waitakian (Chattian)) of the Pentland Hills and Hurstlea, South Canterbury, New Zealand. <i>Records of the Auckland Museum</i> 45: 101-129	† <i>Maorimetra adriogiensis</i>	Crinoidea: Maorimetridae	NEW ZEALAND: Canterbury Region*
Eagle, M.K. (2008) New comatulid crinoids from the Meyers Pass Limestone Member (Waitakian (Chattian)) of the Pentland Hills and Hurstlea, South Canterbury, New Zealand. <i>Records of the Auckland Museum</i> 45: 101-129	† <i>Palaeantedonpentlandica</i>	Crinoidea: Antedonidae	NEW ZEALAND: Canterbury Region*
Eagle, M.K. (2008) New comatulid crinoids from the Meyers Pass Limestone Member (Waitakian (Chattian)) of the Pentland Hills and Hurstlea, South Canterbury, New Zealand. <i>Records of the Auckland Museum</i> 45: 101-129	† <i>Vicetiametra otiakeensis</i>	Crinoidea: Conometridae	NEW ZEALAND: Canterbury Region*
Eagle, M.K. (2008) New comatulid crinoids from the Meyers Pass Limestone Member (Waitakian (Chattian)) of the Pentland Hills and Hurstlea, South Canterbury, New Zealand. <i>Records of the Auckland Museum</i> 45: 101-129	† <i>Zelandimetra neozelandiae</i>	Crinoidea: Notocrinidae	NEW ZEALAND: Canterbury Region*

Ebbestad, Jan Ove R.; Bassett, Michael G.; Dastanpour, Mohammad; Popov, Leonid E. (2008) Ordovician (Caradoc) Gastropoda of the Katkoyeh Formation, Kerman Province, Iran. <i>Geobios</i> 41(5): 605-624	† <i>Nonorios kleistos</i> Ebbestad & Bassett	Mollusca: Gastropoda: Platyceratoidea: Platyceridae	IRAN: Kerman Province*
Ebbestad, Jan Ove R.; Bassett, Michael G.; Dastanpour, Mohammad; Popov, Leonid E. (2008) Ordovician (Caradoc) Gastropoda of the Katkoyeh Formation, Kerman Province, Iran. <i>Geobios</i> 41(5): 605-624	† <i>Slehoferia pachyta</i> Ebbestad & Bassett	Mollusca: Gastropoda: Lophospiroidea: Trochonematidae	IRAN: Kerman Province*
Ekmekci, Erkan; Altiner, Demir (2008) <i>Timidonella? primitiva</i> n. sp. (Foraminiferida) from the Middle Jurassic of the Eastern Taurides (southern Turkey): Remarks on evolutionary steps of hanuraniids. <i>Turkish Journal of Earth Sciences</i> 17(1): 73-84	† <i>Timidonella? primitiva</i>	Foraminiferida: Textulariina: Hanuraniidae	TURKEY: Kayseri*
Emeljanov, A.F. (2008) Two new genera of the family Derbidae from the New World, with description of recent and an extinct Miocene new species (Homoptera, Fulgoroidea). <i>Entomological Review</i> 88(8): 910-915 [<i>Entomologicheskoe Obozrenie</i> 87(4): 791-798 (in Russian)]	† <i>Anticedusa dominicana</i> Emeljanov	Hemiptera: Fulgoroidea: Derbidae	DOMINICAN REPUBLIC: ("Presd, Rontaler????")
Engel, M.S. (2008) A new species of <i>Ctenoplectrella</i> in Baltic amber (Hymenoptera: Megachilidae). <i>Acta Zoologica Academiae Scientiarum Hungaricae</i> 54(4): 319-324	† <i>Ctenoplectrella gorskii</i> Engel	Hymenoptera: Megachilidae	("Baltic amber")
Engel, Michael S. (2008) A stem-group cimicid in mid-Cretaceous amber from Myanmar (Hemiptera: Cimicoidea). <i>Alavesia</i> 2: 233-237	† <i>Quasicimex eliapinastes</i>	Hemiptera: Cimicidae	MYANMAR: Kachin State*
Engel, Michael S. (2008) An orussid wood wasp in amber from the Dominican Republic (Hymenoptera: Orussidae). <i>Transactions of the Kansas Academy of Science</i> 111(1-2): 39-44	† <i>Ophrynopus peritus</i> Engel	Hymenoptera: Orussidae	DOMINICAN REPUBLIC (Dominican amber)
Engel, Michael S. (2008) The wasp family Rhopalosomatidae in Mid-Cretaceous amber from Myanmar (Hymenoptera: Vespoidea). <i>Journal of the Kansas Entomological Society</i> 81(3):168-174	† <i>Eorhopalosoma gorgyra</i> Engel	Hymenoptera: Rhopalosomatidae	MYANMAR: Kachin State*
Engel, Michael S. (2008) Two new termites in Baltic amber (Isoptera). <i>Journal of the Kansas Entomological Society</i> 81(3):194-203	† <i>Heterotermes eocenicus</i> Engel	Isoptera: Rhinotermitidae	("Baltic amber")
Engel, Michael S. (2008) Two new termites in Baltic amber (Isoptera). <i>Journal of the Kansas Entomological Society</i> 81(3):194-203	† <i>Idanotermes desioculus</i> Engel	Isoptera: near Mastotermitidae	("Baltic amber")
Engel, Michael S.; Bennett, Daniel J. (2008) <i>Anoblepsis</i> , a new bizarre braconid wasp genus in Dominican amber (Hymenoptera: Braconidae). <i>Journal of the Kansas Entomological Society</i> 81(4):368-372	† <i>Anoblepsis konokeraia</i> Engel & Bennett	Hymenoptera: Braconidae	DOMINICAN REPUBLIC: NA*
Engel, Michael S.; Grimaldi, David A. (2008) A jugular-horned beetle in Cretaceous amber from Myanmar (Coleoptera: Prostomidae). <i>Alavesia</i> 2: 215-218	† <i>Vetuprostomis consimilis</i>	Coleoptera: Prostomidae	MYANMAR: Kachin State*
Engel, Michael S.; Grimaldi, David A. (2008) Diverse Neuropterida in Cretaceous amber, with particular reference to the paleofauna of Myanmar (Insecta). Series: Nova Supplementa Entomologica, No. 20. Goecke & Evers: Keltern, ISBN: 9783937783376, 86 pp.	† <i>Dasyberotha eucharis</i> Engel & Grimaldi	Neuroptera: Berothidae	MYANMAR: Kachin State*
Engel, Michael S.; Grimaldi, David A. (2008) Diverse Neuropterida in Cretaceous amber, with particular reference to the paleofauna of Myanmar (Insecta). Series: Nova Supplementa Entomologica, No. 20. Goecke & Evers: Keltern, ISBN: 9783937783376, 86 pp.	† <i>Elenchonymphes electrica</i> Engel & Grimaldi	Neuroptera: Nymphidae	MYANMAR: Kachin State*

Engel, Michael S.; Grimaldi, David A. (2008) Diverse Neuropterida in Cretaceous amber, with particular reference to the paleofauna of Myanmar (Insecta). Series: Nova Supplementa Entomologica, No. 20. Goecke & Evers: Keltern, ISBN: 9783937783376, 86 pp.	† <i>Ethiroberotha elongata</i> Engel & Grimaldi	Neuroptera: Berothidae	MYANMAR: Kachin State*
Engel, Michael S.; Grimaldi, David A. (2008) Diverse Neuropterida in Cretaceous amber, with particular reference to the paleofauna of Myanmar (Insecta). Series: Nova Supplementa Entomologica, No. 20. Goecke & Evers: Keltern, ISBN: 9783937783376, 86 pp.	† <i>Haploberotha persephone</i> Engel & Grimaldi	Neuroptera: Berothidae	MYANMAR: Kachin State*
Engel, Michael S.; Grimaldi, David A. (2008) Diverse Neuropterida in Cretaceous amber, with particular reference to the paleofauna of Myanmar (Insecta). Series: Nova Supplementa Entomologica, No. 20. Goecke & Evers: Keltern, ISBN: 9783937783376, 86 pp.	† <i>Iceloberotha kachinensis</i> Engel & Grimaldi	Neuroptera: Berothidae	MYANMAR: Kachin State*
Engel, Michael S.; Grimaldi, David A. (2008) Diverse Neuropterida in Cretaceous amber, with particular reference to the paleofauna of Myanmar (Insecta). Series: Nova Supplementa Entomologica, No. 20. Goecke & Evers: Keltern, ISBN: 9783937783376, 86 pp.	† <i>Iceloberotha simulatrix</i> Engel & Grimaldi	Neuroptera: Berothidae	MYANMAR: Kachin State*
Engel, Michael S.; Grimaldi, David A. (2008) Diverse Neuropterida in Cretaceous amber, with particular reference to the paleofauna of Myanmar (Insecta). Series: Nova Supplementa Entomologica, No. 20. Goecke & Evers: Keltern, ISBN: 9783937783376, 86 pp.	† <i>Jersiberotha myanmarensis</i> Engel & Grimaldi	Neuroptera: Berothidae	MYANMAR: Kachin State*
Engel, Michael S.; Grimaldi, David A. (2008) Diverse Neuropterida in Cretaceous amber, with particular reference to the paleofauna of Myanmar (Insecta). Series: Nova Supplementa Entomologica, No. 20. Goecke & Evers: Keltern, ISBN: 9783937783376, 86 pp.	† <i>Jersiberotha tauberorum</i> Engel & Grimaldi	Neuroptera: Berothidae	MYANMAR: Kachin State*
Engel, Michael S.; Grimaldi, David A. (2008) Diverse Neuropterida in Cretaceous amber, with particular reference to the paleofauna of Myanmar (Insecta). Series: Nova Supplementa Entomologica, No. 20. Goecke & Evers: Keltern, ISBN: 9783937783376, 86 pp.	† <i>Litopsychopsis burmitica</i> Engel & Grimaldi	Neuroptera: Psychopsidae	MYANMAR: Kachin State*
Engel, Michael S.; Grimaldi, David A. (2008) Diverse Neuropterida in Cretaceous amber, with particular reference to the paleofauna of Myanmar (Insecta). Series: Nova Supplementa Entomologica, No. 20. Goecke & Evers: Keltern, ISBN: 9783937783376, 86 pp.	† <i>Rhachibermissa phenax</i> Engel & Grimaldi	Neuroptera: Rhachiberothidae	MYANMAR: Kachin State*
Engel, Michael S.; Grimaldi, David A. (2008) Diverse Neuropterida in Cretaceous amber, with particular reference to the paleofauna of Myanmar (Insecta). Series: Nova Supplementa Entomologica, No. 20. Goecke & Evers: Keltern, ISBN: 9783937783376, 86 pp.	† <i>Scoloberotha necatrix</i> Engel & Grimaldi	Neuroptera: Rhachiberothidae	MYANMAR: Kachin State*
Engel, Michael S.; Grimaldi, David A. (2008) Diverse Neuropterida in Cretaceous amber, with particular reference to the paleofauna of Myanmar (Insecta). Series: Nova Supplementa Entomologica, No. 20. Goecke & Evers: Keltern, ISBN: 9783937783376, 86 pp.	† <i>Systenoberotha magillae</i> Engel & Grimaldi	Neuroptera: Berothidae	MYANMAR: Kachin State*

Engel, Michael S.; Grimaldi, David A. (2008) Diverse Neuropterida in Cretaceous amber, with particular reference to the paleofauna of Myanmar (Insecta). Series: Nova Supplementa Entomologica, No. 20. Goecke & Evers: Keltern, ISBN: 9783937783376, 86 pp.	† <i>Telistoberotha libitina</i> Engel & Grimaldi	Neuroptera: Berothidae	MYANMAR: Kachin State*
Engel, Michael S.; Kinzelbach, Ragnar K. (2008) A primitive moth from the earliest Eocene Fur Formation ("Mo-clay") of Denmark (Lepidoptera: Micropterigidae). Linzer Biologische Beiträge 40(2): 1443-1448	† <i>Moleropterix kalbei</i>	Lepidoptera: Micropterigidae	DENMARK: Midtjylland Region*
Engel, Michael S.; Ren, Dong (2008) New snakeflies from the Jiulongshan Formation of Inner Mongolia, China (Raphidioptera). Journal of the Kansas Entomological Society 81(3):188-193	† <i>Ororaphidia megalcephala</i> Engel & Ren	Neuropterida: Raphidiomorpha	CHINA: Inner Mongolia*
Engel, Michael S.; Ren, Dong (2008) New snakeflies from the Jiulongshan Formation of Inner Mongolia, China (Raphidioptera). Journal of the Kansas Entomological Society 81(3):188-193	† <i>Styporaphidia magia</i> Engel & Ren	Neuropterida: Raphidiomorpha	CHINA: Inner Mongolia*
Engesser, Burkart; Storch, Gerhard (2008) Latest Oligocene Didelphimorphia, Lipotyphla, Rodentia and Lagomorpha (Mammalia) from Oberleichtersbach, Rhön Mountains, Germany. In: Fossilgemeinschaften der Doline Oberleichtersbach (Oligozän). E. Martini, ed. Courier Forschungsinstitut Senckenberg, Nr. 260. Schweizerbart'sche: Stuttgart, pp. 185-251	† <i>Asthenoscapter zieglerei</i>	Mammalia: Soricomorpha: Talpidae	GERMANY: Bavaria State*
Engesser, Burkart; Storch, Gerhard (2008) Latest Oligocene Didelphimorphia, Lipotyphla, Rodentia and Lagomorpha (Mammalia) from Oberleichtersbach, Rhön Mountains, Germany. In: Fossilgemeinschaften der Doline Oberleichtersbach (Oligozän). E. Martini, ed. Courier Forschungsinstitut Senckenberg, Nr. 260. Schweizerbart'sche: Stuttgart, pp. 185-251	† <i>Dimyloides hecki</i>	Mammalia: Insectivora: Dimylidae	GERMANY: Bavaria State*
Engesser, Burkart; Storch, Gerhard (2008) Latest Oligocene Didelphimorphia, Lipotyphla, Rodentia and Lagomorpha (Mammalia) from Oberleichtersbach, Rhön Mountains, Germany. In: Fossilgemeinschaften der Doline Oberleichtersbach (Oligozän). E. Martini, ed. Courier Forschungsinstitut Senckenberg, Nr. 260. Schweizerbart'sche: Stuttgart, pp. 185-251	† <i>Dinosorex pusillus</i>	Mammalia: Soricomorpha: Soricidae	GERMANY: Bavaria State*
Engesser, Burkart; Storch, Gerhard (2008) Latest Oligocene Didelphimorphia, Lipotyphla, Rodentia and Lagomorpha (Mammalia) from Oberleichtersbach, Rhön Mountains, Germany. In: Fossilgemeinschaften der Doline Oberleichtersbach (Oligozän). E. Martini, ed. Courier Forschungsinstitut Senckenberg, Nr. 260. Schweizerbart'sche: Stuttgart, pp. 185-251	† <i>Plesiosorex martinii</i>	Mammalia: Soricomorpha: Plesiosoricidae	GERMANY: Bavaria State*
Engesser, Burkart; Storch, Gerhard (2008) Latest Oligocene Didelphimorphia, Lipotyphla, Rodentia and Lagomorpha (Mammalia) from Oberleichtersbach, Rhön Mountains, Germany. In: Fossilgemeinschaften der Doline Oberleichtersbach (Oligozän). E. Martini, ed. Courier Forschungsinstitut Senckenberg, Nr. 260. Schweizerbart'sche: Stuttgart, pp. 185-251	† <i>Pseudotheridomys wernerii</i>	Mammalia: Rodentia: Castorimorpha: Eomyidae	GERMANY: Baden-Württemberg State*
Engesser, Burkart; Storch, Gerhard (2008) Latest Oligocene Didelphimorphia, Lipotyphla, Rodentia and Lagomorpha (Mammalia) from Oberleichtersbach, Rhön Mountains, Germany. In: Fossilgemeinschaften der Doline Oberleichtersbach (Oligozän). E. Martini, ed. Courier Forschungsinstitut Senckenberg, Nr. 260. Schweizerbart'sche: Stuttgart, pp. 185-251	† <i>Pseudotheridomys wernerii</i>	Mammalia: Rodentia: Castorimorpha: Eomyidae	GERMANY: Bavaria State*

Engesser, Burkart; Storch, Gerhard (2008) Latest Oligocene Didelphimorphia, Lipotyphla, Rodentia and Lagomorpha (Mammalia) from Oberleichtersbach, Rhön Mountains, Germany. In: Fossilgemeinschaften der Doline Oberleichtersbach (Oligozän). E. Martini, ed. Courier Forschungsinstitut Senckenberg, Nr. 260. Schweizerbart'sche: Stuttgart, pp. 185-251	† <i>Pseudotheridomys weneri</i>	Mammalia: Rodentia: Castorimorpha: Eomyidae	SWITZERLAND: (Findreuse)
Erdmann, Silvia; Bellosi, Eduardo S.; Morra, Guillermo A. (2008) Una nueva especie de coral solitario (Scleractinia, Tubrinoliidae) de la Formación San Julián (Olioceno superior, Santa Cruz) en su contexto estratigráfico y paleoambiental. Revista del Museo Argentino de Ciencias Naturales N.S. 10(2): 255-262	† <i>Bothrophoria compressa</i>	Cnidaria: Scleractinia: Tubrinoliidae	ARGENTINA: Santa Cruz Province*
Ernst, Andrej (2008) Non-fenestrate bryozoans from the Middle Devonian of the Eifel (western Rhenish Massif, Germany). Neues Jahrbuch für Geologie und Paläontologie 250(3): 313-379	† <i>Acanthoclema elegantula</i>	Bryozoa: Cryptostomata: Nikiforovellidae	GERMANY: Rhineland-Palatinae*
Ernst, Andrej (2008) Non-fenestrate bryozoans from the Middle Devonian of the Eifel (western Rhenish Massif, Germany). Neues Jahrbuch für Geologie und Paläontologie 250(3): 313-379	† <i>Anomalotoechus quasitypicus</i>	Bryozoa: Trepotomata: Atactotoechidae	GERMANY: Nordrhein-Westfalen*
Ernst, Andrej (2008) Non-fenestrate bryozoans from the Middle Devonian of the Eifel (western Rhenish Massif, Germany). Neues Jahrbuch für Geologie und Paläontologie 250(3): 313-379	† <i>Anomalotoechus tenuis</i>	Bryozoa: Trepotomata: Atactotoechidae	GERMANY: Nordrhein-Westfalen*
Ernst, Andrej (2008) Non-fenestrate bryozoans from the Middle Devonian of the Eifel (western Rhenish Massif, Germany). Neues Jahrbuch für Geologie und Paläontologie 250(3): 313-379	† <i>Clitrypa cystosa</i>	Bryozoa: Cystoporata: Fustuliporidae	GERMANY: Rhineland-Palatinae*
Ernst, Andrej (2008) Non-fenestrate bryozoans from the Middle Devonian of the Eifel (western Rhenish Massif, Germany). Neues Jahrbuch für Geologie und Paläontologie 250(3): 313-379	† <i>Clitrypa serratula</i>	Bryozoa: Cystoporata: Fustuliporidae	GERMANY: Rhineland-Palatinae*
Ernst, Andrej (2008) Non-fenestrate bryozoans from the Middle Devonian of the Eifel (western Rhenish Massif, Germany). Neues Jahrbuch für Geologie und Paläontologie 250(3): 313-379	† <i>Diphragmoides paradoxus</i>	Bryozoa: Trepotomata: Eridotryellidae	GERMANY: Nordrhein-Westfalen*
Ernst, Andrej (2008) Non-fenestrate bryozoans from the Middle Devonian of the Eifel (western Rhenish Massif, Germany). Neues Jahrbuch für Geologie und Paläontologie 250(3): 313-379	† <i>Eifelipora ramosa</i>	Bryozoa: Trepotomata: Eridotryellidae	GERMANY: Nordrhein-Westfalen*
Ernst, Andrej (2008) Non-fenestrate bryozoans from the Middle Devonian of the Eifel (western Rhenish Massif, Germany). Neues Jahrbuch für Geologie und Paläontologie 250(3): 313-379	† <i>Fistuliphragma eifelensis</i>	Bryozoa: Cystoporata: Fustuliporidae	GERMANY: Baden-Württemberg*
Ernst, Andrej (2008) Non-fenestrate bryozoans from the Middle Devonian of the Eifel (western Rhenish Massif, Germany). Neues Jahrbuch für Geologie und Paläontologie 250(3): 313-379	† <i>Fistuliphragma gracilis</i>	Bryozoa: Cystoporata: Fustuliporidae	GERMANY: Nordrhein-Westfalen*
Ernst, Andrej (2008) Non-fenestrate bryozoans from the Middle Devonian of the Eifel (western Rhenish Massif, Germany). Neues Jahrbuch für Geologie und Paläontologie 250(3): 313-379	† <i>Fistulipora bohatyii</i>	Bryozoa: Cystoporata: Fustuliporidae	GERMANY: Nordrhein-Westfalen*
Ernst, Andrej (2008) Non-fenestrate bryozoans from the Middle Devonian of the Eifel (western Rhenish Massif, Germany). Neues Jahrbuch für Geologie und Paläontologie 250(3): 313-379	† <i>Fistulipora reimersi</i>	Bryozoa: Cystoporata: Fustuliporidae	GERMANY: Nordrhein-Westfalen*

Ernst, Andrej (2008) Non-fenestrate bryozoans from the Middle Devonian of the Eifel (western Rhenish Massif, Germany). Neues Jahrbuch für Geologie und Paläontologie 250(3): 313-379	† <i>Intrapora leunissenii</i>	Bryozoa: Cryptostomata: Intraporidae	GERMANY: Rhineland-Palatinae*
Ernst, Andrej (2008) Non-fenestrate bryozoans from the Middle Devonian of the Eifel (western Rhenish Massif, Germany). Neues Jahrbuch für Geologie und Paläontologie 250(3): 313-379	† <i>Intrapora variabilis</i>	Bryozoa: Cryptostomata: Intraporidae	GERMANY: Nordrhein- Westfalen*
Ernst, Andrej (2008) Non-fenestrate bryozoans from the Middle Devonian of the Eifel (western Rhenish Massif, Germany). Neues Jahrbuch für Geologie und Paläontologie 250(3): 313-379	† <i>Leioclema ahuetensis</i>	Bryozoa: Trepodomata: Heterotrypidae	GERMANY: Rhineland-Palatinae*
Ernst, Andrej (2008) Non-fenestrate bryozoans from the Middle Devonian of the Eifel (western Rhenish Massif, Germany). Neues Jahrbuch für Geologie und Paläontologie 250(3): 313-379	† <i>Leioclema crenulata</i>	Bryozoa: Trepodomata: Heterotrypidae	GERMANY: Rhineland-Palatinae*
Ernst, Andrej (2008) Non-fenestrate bryozoans from the Middle Devonian of the Eifel (western Rhenish Massif, Germany). Neues Jahrbuch für Geologie und Paläontologie 250(3): 313-379	† <i>Microcampylus regularis</i>	Bryozoa: Trepodomata: Eridotryellidae	GERMANY: Rhineland-Palatinae*
Ernst, Andrej (2008) Non-fenestrate bryozoans from the Middle Devonian of the Eifel (western Rhenish Massif, Germany). Neues Jahrbuch für Geologie und Paläontologie 250(3): 313-379	† <i>Multihemiphragma tenuis</i>	Bryozoa: Trepodomata: Eridotryellidae	GERMANY: Rhineland-Palatinae*
Ernst, Andrej (2008) Non-fenestrate bryozoans from the Middle Devonian of the Eifel (western Rhenish Massif, Germany). Neues Jahrbuch für Geologie und Paläontologie 250(3): 313-379	† <i>Pinacotrypa schlueteri</i>	Bryozoa: Cystoporida: Fustuliporidae	GERMANY: Nordrhein- Westfalen*
Ernst, Andrej (2008) Non-fenestrate bryozoans from the Middle Devonian of the Eifel (western Rhenish Massif, Germany). Neues Jahrbuch für Geologie und Paläontologie 250(3): 313-379	† <i>Streblotrypella eifelensis</i>	Bryozoa: Cryptostomata: Nikiforovellidae	GERMANY: Nordrhein- Westfalen*
Ernst, Andrej (2008) Non-fenestrate bryozoans from the Middle Devonian of the Eifel (western Rhenish Massif, Germany). Neues Jahrbuch für Geologie und Paläontologie 250(3): 313-379	† <i>Sulcoretopora tenuis</i>	Bryozoa: Cystoporida: Cystodictyonidae	GERMANY: Rhineland-Palatinae*
Ernst, Andrej (2008) Trepodome and cryptostome bryozoans from the Koněprusy Limestone (Lower Devonian, Pragian) of Zlatý Kůň (Czech Republic). Rivista Italiana di Paleontologia e Stratigrafia 114(3): 329-348	† <i>Atactotoechus divulgatus</i>	Bryozoa: Stenolaemata: Trepodomata: Atactotoechidae	CZECH REPUBLIC: Central Bohemia Region*
Ernst, Andrej (2008) Trepodome and cryptostome bryozoans from the Koněprusy Limestone (Lower Devonian, Pragian) of Zlatý Kůň (Czech Republic). Rivista Italiana di Paleontologia e Stratigrafia 114(3): 329-348	† <i>Dyscritella bhoemica</i>	Bryozoa: Stenolaemata: Trepodomata: Dyscritellidae	CZECH REPUBLIC: Central Bohemia Region*
Ernst, Andrej (2008) Trepodome and cryptostome bryozoans from the Koněprusy Limestone (Lower Devonian, Pragian) of Zlatý Kůň (Czech Republic). Rivista Italiana di Paleontologia e Stratigrafia 114(3): 329-348	† <i>Leptotrypella punctata</i>	Bryozoa: Stenolaemata: Trepodomata: Atactotoechidae	CZECH REPUBLIC: Central Bohemia Region*
Ernst, Andrej (2008) Trepodome and cryptostome bryozoans from the Koněprusy Limestone (Lower Devonian, Pragian) of Zlatý Kůň (Czech Republic). Rivista Italiana di Paleontologia e Stratigrafia 114(3): 329-348	† <i>Loxophragma fistulosum</i>	Bryozoa: Stenolaemata: Trepodomata: Atactotoechidae	CZECH REPUBLIC: Central Bohemia Region*

Ernst, Andrej (2008) Trepostome and cryptostome bryozoans from the Koněprusy Limestone (Lower Devonian, Pragian) of Zlatý Kůň (Czech Republic). <i>Rivista Italiana di Paleontologia e Stratigrafia</i> 114(3): 329-348	† <i>Microcampylus obscurus</i>	Bryozoa: Stenolaemata: Trepostomata: Eridotrypellidae	CZECH REPUBLIC: Central Bohemia Region*
Ernst, Andrej (2008) Trepostome and cryptostome bryozoans from the Koněprusy Limestone (Lower Devonian, Pragian) of Zlatý Kůň (Czech Republic). <i>Rivista Italiana di Paleontologia e Stratigrafia</i> 114(3): 329-348	† <i>Orthopora tenuis</i>	Bryozoa: Stenolaemata: Cryptostomida: Rhabdomesidae	CZECH REPUBLIC: Central Bohemia Region*
Ernst, Andrej (2008) Trepostome and cryptostome bryozoans from the Koněprusy Limestone (Lower Devonian, Pragian) of Zlatý Kůň (Czech Republic). <i>Rivista Italiana di Paleontologia e Stratigrafia</i> 114(3): 329-348	† <i>Paracuneatopora striata</i>	Bryozoa: Stenolaemata: Cryptostomida: Arthrostylidae	CZECH REPUBLIC: Central Bohemia Region*
Ernst, Andrej (2008) Trepostome and cryptostome bryozoans from the Koněprusy Limestone (Lower Devonian, Pragian) of Zlatý Kůň (Czech Republic). <i>Rivista Italiana di Paleontologia e Stratigrafia</i> 114(3): 329-348	† <i>Paracuneatopora striata</i>	Bryozoa: Stenolaemata: Cryptostomida: Arthrostylidae	FRANCE: (Ménez-Bélair syncline, Armorica Massif)
Ernst, Andrej; Carrera, Marcelo (2008) Cryptostomid bryozoans from the Sassito Formation, Upper Ordovician cool-water carbonates of the Argentinean Precordillera. <i>Palaeontology</i> 51(5):1117-1127	† <i>Moyerella spinata</i>	Bryozoa: Stenolaemata: Cryptostomida: Nematotrypidae	ARGENTINA: San Juan Province*
Ernst, Andrej; Carrera, Marcelo (2008) Cryptostomid bryozoans from the Sassito Formation, Upper Ordovician cool-water carbonates of the Argentinean Precordillera. <i>Palaeontology</i> 51(5):1117-1127	† <i>Phylloporina sassitoensis</i>	Bryozoa: Stenolaemata: Cryptostomida: Phylloporinidae	ARGENTINA: San Juan Province*
Ernst, Andrej; Weidlich, Oliver; Schäfer, Priska (2008) Stenolaemate bryozoa from the Permian of Oman (Aseelah Unit, Batain Coast). <i>Journal of Paleontology</i> 82(4): 676-716	† <i>Cystodictya angusta</i>	Bryozoa: Stenolaemata: Cystoporida: Cystodictyonidae	OMAN: Ash Sharqiyah Region*
Ernst, Andrej; Weidlich, Oliver; Schäfer, Priska (2008) Stenolaemate bryozoa from the Permian of Oman (Aseelah Unit, Batain Coast). <i>Journal of Paleontology</i> 82(4): 676-716	† <i>Hayasakapora subgracilis</i>	Bryozoa: Timanodictyida: Girtiporidae	OMAN: Ash Sharqiyah Region*
Ernst, Andrej; Weidlich, Oliver; Schäfer, Priska (2008) Stenolaemate bryozoa from the Permian of Oman (Aseelah Unit, Batain Coast). <i>Journal of Paleontology</i> 82(4): 676-716	† <i>Orthopora punctata</i>	Bryozoa: Rhabdomesida: Rhabdomesidae	OMAN: Ash Sharqiyah Region*
Ernst, Andrej; Weidlich, Oliver; Schäfer, Priska (2008) Stenolaemate bryozoa from the Permian of Oman (Aseelah Unit, Batain Coast). <i>Journal of Paleontology</i> 82(4): 676-716	† <i>Rhabdomeson coniforme</i>	Bryozoa: Rhabdomesida: Rhabdomesidae	OMAN: Ash Sharqiyah Region*
Ernst, Andrej; Weidlich, Oliver; Schäfer, Priska (2008) Stenolaemate bryozoa from the Permian of Oman (Aseelah Unit, Batain Coast). <i>Journal of Paleontology</i> 82(4): 676-716	† <i>Rhabdomeson latum</i>	Bryozoa: Rhabdomesida: Rhabdomesidae	OMAN: Ash Sharqiyah Region*
Ernst, Andrej; Weidlich, Oliver; Schäfer, Priska (2008) Stenolaemate bryozoa from the Permian of Oman (Aseelah Unit, Batain Coast). <i>Journal of Paleontology</i> 82(4): 676-716	† <i>Rhomdocladia quasiminor</i>	Bryozoa: Fenestellida: fam. indet.	OMAN: Ash Sharqiyah Region*

Ernst, Andrej; Weidlich, Oliver; Schäfer, Priska (2008) Stenolaemate bryozoa from the Permian of Oman (Aseelah Unit, Batain Coast). <i>Journal of Paleontology</i> 82(4): 676-716	† <i>Streblotrypa</i> (<i>Streblotrypa</i>) <i>binodata</i>	Bryozoa: Rhabdomesida: Hyphasmoporidae	OMAN: Ash Sharqiyah Region*
Ernst, Andrej; Weidlich, Oliver; Schäfer, Priska (2008) Stenolaemate bryozoa from the Permian of Oman (Aseelah Unit, Batain Coast). <i>Journal of Paleontology</i> 82(4): 676-716	† <i>Sulcoretepora</i> <i>orientalis</i>	Bryozoa: Stenolaemata: Cystoporida: Cystodictyonidae	OMAN: Ash Sharqiyah Region*
Ernst, Andrej; Weidlich, Oliver; Schäfer, Priska (2008) Stenolaemate bryozoa from the Permian of Oman (Aseelah Unit, Batain Coast). <i>Journal of Paleontology</i> 82(4): 676-716	† <i>Ulrichotrypella</i> <i>omanica</i>	Bryozoa: Trepostomida: Ulrichotrypellidae	OMAN: Ash Sharqiyah Region*
Ernst, Andrej; Winkler Prins, Cor F. (2008) Pennsylvanian bryozoans from the Cantabrian Mountains (northwest Spain). <i>Scripta Geologica</i> 137: 1-123	† <i>Bashkirella minor</i>	Bryozoa:	SPAIN: Castilla y León*
Ernst, Andrej; Winkler Prins, Cor F. (2008) Pennsylvanian bryozoans from the Cantabrian Mountains (northwest Spain). <i>Scripta Geologica</i> 137: 1-123	† <i>Streblotrypa</i> (<i>Streblotrypa</i>) <i>peculiaris</i>	Bryozoa: Cryptostomata: Rhabdomesina: Hyphasmoporidae	SPAIN: Asturias*
Ernst, Andrej; Winkler Prins, Cor F. (2008) Pennsylvanian bryozoans from the Cantabrian Mountains (northwest Spain). <i>Scripta Geologica</i> 137: 1-123	† <i>Streblotrypa</i> (<i>Streblotrypa</i>) <i>peculiaris</i>	Bryozoa: Cryptostomata: Rhabdomesina: Hyphasmoporidae	SPAIN: Cantabria*
Ernst, Andrej; Winkler Prins, Cor F. (2008) Pennsylvanian bryozoans from the Cantabrian Mountains (northwest Spain). <i>Scripta Geologica</i> 137: 1-123	† <i>Streblotrypa</i> (<i>Streblotrypa</i>) <i>peculiaris</i>	Bryozoa: Cryptostomata: Rhabdomesina: Hyphasmoporidae	SPAIN: Castilla y León*
Escapa, Ignacio; Cúneo, Rubén; Axsmith, Brian (2008) A new genus of the Cupressaceae (sensu lato) from the Jurassic of Patagonia: Implications for conifer megasporangiate cone homologies. <i>Review of Palaeobotany and Palynology</i> 151(3-4): 110-122	† <i>Austrohamia minuta</i> Escapa, Cúneo & Axsmith	Angiospermae: Cupressaceae	ARGENTINA: Chubut*
Esu, Daniela (2008) A new species of <i>Tanousia</i> Servain (Gastropoda, Hydrobiidae) from the Early Pleistocene of Emilia-Romagna (northern Italy). <i>Bollettino della Società Paleontologica Italiana</i> 47(1): 45-49	† <i>Tanousia stironensis</i>	Mollusca, Gastropoda: Hydrobiidae	ITALY: Emilia- Romagna*
Evans, Susan E.; Manabe, Makoto (2008) An early herbivorous lizard from the Lower Cretaceous of Japan. <i>Palaeontology</i> 51(2):487-498	† <i>Kuwajimalla</i> <i>kagaensis</i>	Squamata: Boreoteiioidea: fam. indet.	JAPAN: Ishikawa Prefecture*
Faranda, Costanza; Gliozzi, Elsa (2008) The ostracod fauna of the Plio-Pleistocene Monte Mario succession (Roma, Italy). <i>Bollettino della Società Paleontologica Italiana</i> 47(3): 215-267	† <i>Aurila</i> (<i>Aurila</i>) <i>diversofoveolata</i>	Crustacea: Ostracoda: Cytheroidea: Hemicytheridae	ITALY: Lazio Region* (Roma Province)
Faranda, Costanza; Gliozzi, Elsa (2008) The ostracod fauna of the Plio-Pleistocene Monte Mario succession (Roma, Italy). <i>Bollettino della Società Paleontologica Italiana</i> 47(3): 215-267	† <i>Callistocythere dubia</i>	Crustacea: Ostracoda: Cytheroidea: Leptocytheridae	GREECE: South Aegean Periphery*

Faranda, Costanza; Gliozzi, Elsa (2008) The ostracod fauna of the Plio-Pleistocene Monte Mario succession (Roma, Italy). Bollettino della Società Paleontologica Italiana 47(3): 215-267	† <i>Callistocythere dubia</i>	Crustacea: Ostracoda: Cytheroidea: Leptocytheridae	ITALY: Calabria Region* (Vrica)
Faranda, Costanza; Gliozzi, Elsa (2008) The ostracod fauna of the Plio-Pleistocene Monte Mario succession (Roma, Italy). Bollettino della Società Paleontologica Italiana 47(3): 215-267	† <i>Callistocythere dubia</i>	Crustacea: Ostracoda: Cytheroidea: Leptocytheridae	ITALY: Campania Region* (no more information)
Faranda, Costanza; Gliozzi, Elsa (2008) The ostracod fauna of the Plio-Pleistocene Monte Mario succession (Roma, Italy). Bollettino della Società Paleontologica Italiana 47(3): 215-267	† <i>Callistocythere dubia</i>	Crustacea: Ostracoda: Cytheroidea: Leptocytheridae	ITALY: Lazio Region* (Roma Province)
Faranda, Costanza; Gliozzi, Elsa (2008) The ostracod fauna of the Plio-Pleistocene Monte Mario succession (Roma, Italy). Bollettino della Società Paleontologica Italiana 47(3): 215-267	† <i>Callistocythere dubia</i>	Crustacea: Ostracoda: Cytheroidea: Leptocytheridae	ITALY: Sardinia Region* (Golfo Saline)
Faranda, Costanza; Gliozzi, Elsa (2008) The ostracod fauna of the Plio-Pleistocene Monte Mario succession (Roma, Italy). Bollettino della Società Paleontologica Italiana 47(3): 215-267	† <i>Eucytherura vaticana</i>	Crustacea: Ostracoda: Cytheroidea: Cytheruridae	ITALY: Lazio Region* (Roma Province)
Faranda, Costanza; Gliozzi, Elsa (2008) The ostracod fauna of the Plio-Pleistocene Monte Mario succession (Roma, Italy). Bollettino della Società Paleontologica Italiana 47(3): 215-267	† <i>Ionicythere planocostata</i>	Crustacea: Ostracoda: Cytheroidea: Leptocytheridae	ITALY: Lazio Region* (Roma Province)
Faranda, Costanza; Gliozzi, Elsa (2008) The ostracod fauna of the Plio-Pleistocene Monte Mario succession (Roma, Italy). Bollettino della Società Paleontologica Italiana 47(3): 215-267	† <i>Semicytherura marialuisae</i>	Crustacea: Ostracoda: Cytheroidea: Cytheruridae	ITALY: Lazio Region* (Roma Province)
Farrés, F.; Staid-Staad, J.L. (2008) Cipreidos gigantes del Eoceno Catalán. Batalleria 14: 57-66	† <i>Gisortia vicetiana</i>	Mollusca: Gastropoda: Cypraeidae	SPAIN: Catalonia Autonomous Community* (Osona)
Fedotova, Z.A.; Perkovsky, E.E. (2008) [New taxa of gall midges (Diptera, Cecidomyiidae) from Dubrovitsa (Rovno Amber)]. Vestnik Zoologii 42(1): 27-40 (in Ukrainian)	† <i>Ledomyia dextra</i> Fedotova & Perkovsky	Diptera: Cecidomyiidae	UKRAINE ("Rovno amber")
Fedotova, Z.A.; Perkovsky, E.E. (2008) [New taxa of gall midges (Diptera, Cecidomyiidae) from Dubrovitsa (Rovno Amber)]. Vestnik Zoologii 42(1): 27-40 (in Ukrainian)	† <i>Rhipidoxylomyia vaga</i> Fedotova & Perkovsky	Diptera: Cecidomyiidae	UKRAINE ("Rovno amber")
Fedotova, Z.A.; Perkovsky, E.E. (2008) [New taxa of gall midges (Diptera, Cecidomyiidae) from Dubrovitsa (Rovno Amber)]. Vestnik Zoologii 42(1): 27-40 (in Ukrainian)	† <i>Velafacera vectabilis</i> Fedotova & Perkovsky	Diptera: Cecidomyiidae	UKRAINE ("Rovno amber")

Fedotova, Z.A.; Perkovsky, E.E. (2008) [New taxa of gall midges (Diptera, Cecidomyiidae) from Dubrovitsa (Rovno Amber)]. Vestnik Zoologii 42(1): 27-40 (in Ukrainian)	† <i>Volnococcopsis korniushini</i> Fedotova & Perkovsky	Diptera: Cecidomyiidae	UKRAINE ("Rovno amber")
Fedotova, Z.A.; Perkovsky, E.E. (2008) [New taxa of gall midges (Diptera, Cecidomyiidae) from Dubrovitsa (Rovno Amber)]. Vestnik Zoologii 42(1): 27-40 (in Ukrainian)	† <i>Winnertzia kapustini</i> Fedotova & Perkovsky	Diptera: Cecidomyiidae	UKRAINE ("Rovno amber")
Fehse, Dirk; Grego, Jozef (2008) New species of the genus <i>Trivellona</i> (Mollusca: Gastropoda) from the Miocene of Australia. Records of the Western Australian Museum 24(2): 205-213	† <i>Trivellona darraghi</i>	Mollusca: Gastropoda: Triviidae	AUSTRALIA: Victoria*
Fehse, Dirk; Grego, Jozef (2008) New species of the genus <i>Trivellona</i> (Mollusca: Gastropoda) from the Miocene of Australia. Records of the Western Australian Museum 24(2): 205-213	† <i>Trivellona kendricki</i>	Mollusca: Gastropoda: Triviidae	AUSTRALIA: Victoria*
Fehse, Dirk; Grego, Jozef (2008) New species of the genus <i>Trivellona</i> (Mollusca: Gastropoda) from the Miocene of Australia. Records of the Western Australian Museum 24(2): 205-213	† <i>Trivellona lochi</i>	Mollusca: Gastropoda: Triviidae	AUSTRALIA: Victoria*
Feldmann, Rodney M.; Schweitzer, Carrie E.; Green, Robin M. (2008) Unusual Albian (Early Cretaceous) Brachyura (Homoloidea: Componocancroidea new superfamily) from Montana and Wyoming, USA. Journal of Crustacean Biology 28(3): 502-509	† <i>Componocancer roberti</i>	Crustacea: Decapoda: Componocancridae	USA: Montana: Yellowstone County*
Feldmann, Rodney M.; Schweitzer, Carrie E.; Green, Robin M. (2008) Unusual Albian (Early Cretaceous) Brachyura (Homoloidea: Componocancroidea new superfamily) from Montana and Wyoming, USA. Journal of Crustacean Biology 28(3): 502-509	† <i>Componocancer roberti</i>	Crustacea: Decapoda: Componocancridae	USA: Wyoming: Bighorn County*
Feldmann, Rodney M.; Schweitzer, Carrie E.; Green, Robin M. (2008) Unusual Albian (Early Cretaceous) Brachyura (Homoloidea: Componocancroidea new superfamily) from Montana and Wyoming, USA. Journal of Crustacean Biology 28(3): 502-509	† <i>Zygastrocarcinus waagei</i>	Crustacea: Decapoda: Homolidae	USA: Montana: Yellowstone County*
Feldmann, Rodney M.; Schweitzer, Carrie E.; Green, Robin M. (2008) Unusual Albian (Early Cretaceous) Brachyura (Homoloidea: Componocancroidea new superfamily) from Montana and Wyoming, USA. Journal of Crustacean Biology 28(3): 502-509	† <i>Zygastrocarcinus waagei</i>	Crustacea: Decapoda: Homolidae	USA: Wyoming: Bighorn County*
Feldmann, Rodney M.; Schweitzer, Carrie E.; Maxwell, Phillip A.; Kelley, Brian M. (2008) Fossil isopod and decapod crustaceans from the Kowai Formation (Pliocene) near Makikihi, South Canterbury, New Zealand. New Zealand Journal of Geology and Geophysics 51(1): 43-58	† <i>Cirolana makikihi</i>	Crustacea: Malacostraca: Isopoda: Cymothoidea: Cirolanoidea: Cirolanidae	NEW ZEALAND: South Canterbury*
Feldmann, Rodney M.; Schweitzer, Carrie E.; Maxwell, Phillip A.; Kelley, Brian M. (2008) Fossil isopod and decapod crustaceans from the Kowai Formation (Pliocene) near Makikihi, South Canterbury, New Zealand. New Zealand Journal of Geology and Geophysics 51(1): 43-58	† <i>Kowaicarcinus maxwellae</i>	Crustacea: Brachyura: Heterotremata: Goneplacoidea: Goneplacidae	NEW ZEALAND: South Canterbury*

Feldmann, Rodney M.; Schweitzer, Carrie E.; Maxwell, Phillip A.; Kelley, Brian M. (2008) Fossil isopod and decapod crustaceans from the Kowai Formation (Pliocene) near Makikihi, South Canterbury, New Zealand. <i>New Zealand Journal of Geology and Geophysics</i> 51(1): 43-58	† <i>Upogebia kowai</i>	Crustacea: Decapoda: Thalassinidea: Callianassoidea: Upogebiidae	NEW ZEALAND: South Canterbury*
Feldmann, Rodney M.; Schweitzer, Carrie E.; Wahl, William R. (2008b) <i>Ekalakia</i> (Decapoda: Brachyura): The preservation of eyes links Cretaceous crabs to Jurassic ancestors. <i>Journal of Paleontology</i> 82(5): 1030-1034	† <i>Ekalakia exophthalmops</i>	Crustacea: Malacostraca: Decapoda: Brachyura: Glaessneropsis	USA: Montana: Dawson County*
Feldmann, Rodney M.; Schweitzer, Carrie E.; Wahl, William R. (2008b) <i>Ekalakia</i> (Decapoda: Brachyura): The preservation of eyes links Cretaceous crabs to Jurassic ancestors. <i>Journal of Paleontology</i> 82(5): 1030-1034	† <i>Ekalakia exophthalmops</i>	Crustacea: Malacostraca: Decapoda: Brachyura: Glaessneropsis	USA: Montana: Wibaux County*
Feldmann, Rodney M.; Schweitzer, Carrie E.; Wahl, William R. (2008b) <i>Ekalakia</i> (Decapoda: Brachyura): The preservation of eyes links Cretaceous crabs to Jurassic ancestors. <i>Journal of Paleontology</i> 82(5): 1030-1034	† <i>Ekalakia exophthalmops</i>	Crustacea: Malacostraca: Decapoda: Brachyura: Glaessneropsis	USA: Wyoming: Niobrara County*
Feng, Zhuo; Wang, Jun; Bek, Jiří (2008) <i>Nudasporostrobos ningxicus</i> gen. et sp. nov., a novel sigillarian megasporangiate cone from the Bashkirian (Early Pennsylvanian) of Ningxia, northwestern China. <i>Review of Palaeobotany and Palynology</i> 149(3-4): 150-162	† <i>Nudasporostrobos ningxicus</i>	Lycopodiopsida: Lepidodendrales: Sigillariaceae	CHINA: Ningxia*
Feng, Zhuo; Wang, Jun; Shen, Guang-Long (2008) <i>Zalesskioxylon xiaheyense</i> sp. nov., a gymnospermous wood of the Stephanian (Late Pennsylvanian) from Ningxia, northwestern China. <i>Journal of Asian Earth Sciences</i> 33(3-4): 219-228	† <i>Zalesskioxylon xiaheyense</i>	Gymnospermophyta: Coniferopsida: Coniferales: fam. indet.	CHINA: Ningxia*
Fernicola, Juan Carlos; Vizcaíno, Sergio Fabián (2008) Revisión del género <i>Stegotherium</i> Ameghino, 1887 (Mammalia, Xenarthra, Dasypodidae). <i>Ameghiniana</i> 45(2): 321-332	† <i>Stegotherium caroloameghinoi</i>	Mammalia: Xenarthra: Cingulata: Dasypodidae	ARGENTINA: Chubut Province*
Fernicola, Juan Carlos; Vizcaíno, Sergio Fabián (2008) Revisión del género <i>Stegotherium</i> Ameghino, 1887 (Mammalia, Xenarthra, Dasypodidae). <i>Ameghiniana</i> 45(2): 321-332	† <i>Stegotherium pascuali</i>	Mammalia: Xenarthra: Cingulata: Dasypodidae	ARGENTINA: Chubut Province*
Ferrari, S. Mariel; Sabattini, Nora (2008) Nuevos Gastrópodos (Eotomariidae y Subulitidae) en las localidades de Piedra Shotel y Cerro La Trampa, Formación Río Genoa, Pérmico Inferior del Chubut. <i>Ameghiniana</i> 45(1): 241-246	† <i>Mourlonia cuneoi</i>	Mollusca: Gastropoda: Eotomariidae	ARGENTINA: Chubut*
Ferreira-Oliveira, Luis Gustavo; Rohn, Rosemarie (2008) Conchostráceos com linhas de crescimento recurvadas junto à margem dorsal (famílias Palaeolimnadiopseidae e Perilimnadiidae) da Formação Rio do Rasto, Permiano Superior, Bacia do Paraná, Brasil. <i>Geologia USP Série Científica</i> 8(1): 41-52	† <i>Falsisca brasiliensis</i>	Crustacea: "Conchostraca": Spinicaudata: Perilimnadiidae	BRAZIL: Paraná*

Ferreira-Oliveira, Luis Gustavo; Rohn, Rosemarie (2008) Conchostráceos com linhas de crescimento recurvadas junto à margem dorsal (famílias Palaeolimnadiopseidae e Perilimnadiidae) da Formação Rio do Rasto, Permiano Superior, Bacia do Paraná, Brasil. Geologia USP Série Científica 8(1): 41-52	† <i>Falsisca brasiliensis</i>	Crustacea: "Conchostraca": Spinicaudata: Perilimnadiidae	BRAZIL: Santa Catarina*
Ferreira-Oliveira, Luis Gustavo; Rohn, Rosemarie (2008) Conchostráceos com linhas de crescimento recurvadas junto à margem dorsal (famílias Palaeolimnadiopseidae e Perilimnadiidae) da Formação Rio do Rasto, Permiano Superior, Bacia do Paraná, Brasil. Geologia USP Série Científica 8(1): 41-52	† <i>Palaeolimnadiopsis riorastensis</i>	Crustacea: "Conchostraca": Paleolimnadiopseidae	BRAZIL: Paraná*
Fielitz, Christopher; González Rodríguez, Katia (2008) A new species of <i>Ichthyotringa</i> from the El Doctor Formation (Cretaceous), Hidalgo, Mexico. In: Arratia, Gloria; Schultze, Hans-Peter; Wilson, Mark V.H. (eds.) (2008) Mesozoic Fishes 4. Homology and Phylogeny. Proceedings of the International Meeting, Miraflores de la Sierra, 2005. Verlag Dr. Friedrich Pfeil: München, pp. 373-388	† <i>Ichthyotringa mexicana</i>	Teleostei: Aulopiformes: Enchodontoidei: Ichthyotringoidea: Ichthyotringidae	MEXICO: Hidalgo*
Fierstine, Harry L.; Bannikov, Alexandre F.; Monsch, Kenneth A. (2008) A new species of extinct billfish genus <i>Palaeorhynchus</i> (Perciformes, Xiphoidei, Palaeorhynchidae) from the late Early Eocene of Bolca in northern Italy. Miscellanea Paleontologica 9: 7-28	† <i>Palaeorhynchus zorzini</i>	Perciformes: Xiphoidei: Palaeorhynchidae	ITALY: Veneto Region* (Verona Province)
Filippi, Leonardo S.; Garrido, Alberto C. (2008) <i>Pitekunsaurus macayai</i> gen. et sp. nov., nuevo titanosaurio (Saurischia, Sauropoda) del Cretácico Superior de la Cuenca Neuquina, Argentina. Ameghiniana 45(3): 575-590	† <i>Pitekunsaurus macayai</i>	Reptilia: Diapsida: Dinosauria: Saurischia: Titanosauria	ARGENTINA: Neuquén Province*
Fleck, Günther; Nel, André; Bechly, Günter; Delclòs, Xavier; Jarzembowski, Edmund A.; Coram, Robert A. (2008) New Lower Cretaceous 'libelluloid' dragonflies (Insecta: Odonata: Cavilabiata) with notes about estimated divergence dates for this group. Palaeodiversity 1: 19-36	† <i>Araripebellula britannica</i>	Odonata: Cavilabiata: Paneurypalpida: Araripebellulidae	ENGLAND: Dorset*
Fleck, Günther; Nel, André; Bechly, Günter; Delclòs, Xavier; Jarzembowski, Edmund A.; Coram, Robert A. (2008) New Lower Cretaceous 'libelluloid' dragonflies (Insecta: Odonata: Cavilabiata) with notes about estimated divergence dates for this group. Palaeodiversity 1: 19-36	† <i>Hispanochlorogomphus rosi</i>	Odonata: Chlorogomphida: Mesochlorogomphidae	SPAIN: Lleida*
Fleck, Günther; Nel, André; Bechly, Günter; Delclòs, Xavier; Jarzembowski, Edmund A.; Coram, Robert A. (2008) New Lower Cretaceous 'libelluloid' dragonflies (Insecta: Odonata: Cavilabiata) with notes about estimated divergence dates for this group. Palaeodiversity 1: 19-36	† <i>Mesochlorogomphus crabbi</i>	Odonata: Chlorogomphida: Mesochlorogomphidae	ENGLAND: Surrey*
Fleck, Günther; Nel, André; Bechly, Günter; Delclòs, Xavier; Jarzembowski, Edmund A.; Coram, Robert A. (2008) New Lower Cretaceous 'libelluloid' dragonflies (Insecta: Odonata: Cavilabiata) with notes about estimated divergence dates for this group. Palaeodiversity 1: 19-36	† <i>Rencordulia sinica</i>	Odonata: Cavilabiata: Paneurypalpida: Araripebellulidae	CHINA: Liaoning Province*
Fletcher, Terence P.; Theokritoff, George (2008) The Early Cambrian of eastern Massachusetts. Northeastern Geology and Environmental Sciences 30(4): 304-329	† <i>Serrodiscus weymouthioides</i>	Arthropoda: Trilobita: Weymouthidae	USA: Massachusetts: Norfolk County*
Fostowicz-Frelik, Łucja (2008) Review of the earliest Central European <i>Ochotona</i> (Mammalia: Lagomorpha), with a description of a new species from Poland. Mammalia 72(2): 71-80	† <i>Ochotona zabiensis</i>	Mammalia: Lagomorpha: Ochotonidae	BULGARIA: Vratsa*

Fostowicz-Frelik, Łucja (2008) Review of the earliest Central European <i>Ochotona</i> (Mammalia: Lagomorpha), with a description of a new species from Poland. <i>Mammalia</i> 72(2): 71-80	† <i>Ochotona zabiensis</i>	Mammalia: Lagomorpha: Ochotonidae	POLAND: Lesser Poland*
Fostowicz-Frelik, Łucja (2008) Review of the earliest Central European <i>Ochotona</i> (Mammalia: Lagomorpha), with a description of a new species from Poland. <i>Mammalia</i> 72(2): 71-80	† <i>Ochotona zabiensis</i>	Mammalia: Lagomorpha: Ochotonidae	POLAND: Masovian*
Fraaje, Réne H.B.; van Bakel, Barry W.M.; Jagt, John W.M.; Artal, Pedro (2008) New decapod crustacean (Anomura, Brachyura) from mid-Cretaceous reefal deposits at Monte Orobe (Navarra, northern Spain), and comments on related type Maastrichtian material. <i>Bulletin de l'Institut Royal des Sciences Naturelles de Belgique, Sciences de la Terre</i> 78: 193-208	† <i>Annieporcellana dhondtae</i>	Crustacea: Decapoda: Anomura: Porcellanidae	SPAIN: Navarra*
Fraaje, Réne H.B.; van Bakel, Barry W.M.; Jagt, John W.M.; Artal, Pedro (2008) New decapod crustacean (Anomura, Brachyura) from mid-Cretaceous reefal deposits at Monte Orobe (Navarra, northern Spain), and comments on related type Maastrichtian material. <i>Bulletin de l'Institut Royal des Sciences Naturelles de Belgique, Sciences de la Terre</i> 78: 193-208	† <i>Annutidiogenes ruizdegaonai</i>	Crustacea: Decapoda: Anomura: Diogenidae	SPAIN: Navarra*
Fraaje, Réne H.B.; van Bakel, Barry W.M.; Jagt, John W.M.; Artal, Pedro (2008) New decapod crustacean (Anomura, Brachyura) from mid-Cretaceous reefal deposits at Monte Orobe (Navarra, northern Spain), and comments on related type Maastrichtian material. <i>Bulletin de l'Institut Royal des Sciences Naturelles de Belgique, Sciences de la Terre</i> 78: 193-208	† <i>Annutidiogenes sunuciorum</i>	Crustacea: Decapoda: Anomura: Diogenidae	NETHERLANDS: Limburg Province*
Frahm, Jan-Peter (2008) New record of bryophytes from Baltic and Bitterfeld amber. <i>Acta Palaeobotanica</i> 48(2): 183-190	† <i>Sematophyllites planus</i> J.-P. Frahm	Bryophyta: Sematophyllaceae	("Baltic amber")
Frahm, Jan-Peter (2008) <i>Eohypopterygiopsis dominicensis</i> , a new genus and species, and <i>Pyrrhobryum spiniforme</i> from the Miocene of the Dominican Republic. <i>Tropical Bryology</i> 29: 48-50	† <i>Eohypopterygiopsis dominicensis</i> J.-P. Frahm	Bryophyta:	DOMINICAN REPUBLIC ("Dominican amber")
Fröbisch, Nadia B.; Reisz, Robert R. (2008) A new Lower Permian amphibamid (Dissorophoidea, Temnospondyli) from the fissure fill deposits near Richards Spur, Oklahoma. <i>Journal of Vertebrate Paleontology</i> 28(4):1015-1030	† <i>Pasawioops mayi</i>	Amphibia: Temnospondyli: Amphibamidae	USA: Oklahoma: Comanche County*
Fröbisch, Jörg; Reisz, Robert R. (2008) A new species of <i>Emydops</i> (Synapsida, Anomodontia) and a discussion of dental variability and pathology in dicynodonts. <i>Journal of Vertebrate Paleontology</i> 28(3): 770-787	† <i>Emydops oweni</i>	Synapsida: Anomodontia: Emydopidae	SOUTH AFRICA: Eastern Cape Province*
Fröbisch, Jörg; Reisz, Robert R. (2008) A new species of <i>Emydops</i> (Synapsida, Anomodontia) and a discussion of dental variability and pathology in dicynodonts. <i>Journal of Vertebrate Paleontology</i> 28(3): 770-787	† <i>Emydops oweni</i>	Synapsida: Anomodontia: Emydopidae	SOUTH AFRICA: Western Cape Province*
Frýda, Jiří; Blodgett, Robert B; Lenz, Alfred C.; Manda, Štěpán (2008) New Porcellioidean gastropods from the Early Devonian of Royal Creek area, Yukon Territory, Canada, with notes on their early phylogeny. <i>Journal of Paleontology</i> 82(3): 595-603	† <i>Perryconcha pulchra</i>	Mollusca: Gastropoda: Vetigastropoda: Porcellidae	CANADA: Yukon Territory*

Fryda, Jiří; Blodgett, Robert B; Lenz, Alfred C.; Manda, Štěpán (2008) New Porcelloidean gastropods from the Early Devonian of Royal Creek area, Yukon Territory, Canada, with notes on their early phylogeny. <i>Journal of Paleontology</i> 82(3): 595-603	† <i>Porcellia (Porcellia) yukonensis</i>	Mollusca: Gastropoda: Vetigastropoda: Porcelloidae	CANADA: Yukon Territory*
Fuchs, Dirk; Ifrim, Christina; Stinnesbeck, Wolfgang (2008) A new <i>Palaeoctopus</i> (Cephalopoda: Coleoidea) from the Late Cretaceous of Vallecillo, north-eastern Mexico, and implications for the evolution of Octopoda. <i>Palaeontology</i> 51(5):1129-1139	† <i>Palaeoctopus pelagicus</i>	Mollusca: Cephalopoda: Coleoidea: Octobrachia: Palaeoctopodidae	MEXICO: Nuevo León*
Fuchs, Dirk; Schultze, Hans-Peter (2008) <i>Trachyteuthis covacevichi</i> n.sp., a Late Jurassic Palaeopacific coleoid cephalopod. <i>Fossil Record</i> 11(1): 39-49	† <i>Trachyteuthis covacevichi</i>	Mollusca: Cephalopoda: Coleoidea: Octopodiformes: Trachyteuthididae	CHILE: Antofagasta*
Fuhrmann, Ronald (2008) Die Ostrakoden- und Molluskenfauna des Auelehmpfils Zeitz (Landkreis Burgenland) und ihre Aussage zum Klima sowie zur Landnutzung im jungeren Holozan Mitteldeutschlands. <i>Mauritiana</i> 20(2): 253-281	† <i>Candona vernalis</i>	Crustacea: Ostracoda: Cypridae	GERMANY
Fuhrmann, Ronald (2008) Die Ostrakoden- und Molluskenfauna des Auelehmpfils Zeitz (Landkreis Burgenland) und ihre Aussage zum Klima sowie zur Landnutzung im jungeren Holozan Mitteldeutschlands. <i>Mauritiana</i> 20(2): 253-281	† <i>Ilyocypris absentiva</i>	Crustacea: Ostracoda: Ilyocypridae	GERMANY
Fuhrmann, Ronald (2008) Die Ostrakoden- und Molluskenfauna des Auelehmpfils Zeitz (Landkreis Burgenland) und ihre Aussage zum Klima sowie zur Landnutzung im jungeren Holozan Mitteldeutschlands. <i>Mauritiana</i> 20(2): 253-281	† <i>Ilyocypris aestivalis</i>	Crustacea: Ostracoda: Ilyocypridae	GERMANY
Furió, Marc; Mein, Pierre (2008) A new species of <i>Deinsdorfia</i> (Soricidae, Insectivora, Mammalia) from the Pliocene of Spain. <i>Comptes Rendus Palevol</i> 7(6): 347-359	† <i>Deinsdorfia doukasi</i>	Mammalia: Insectivora: Soricomorpha: Soricidae	SPAIN: Castile-La Mancha Autonomous Community* (Albacete Province)
Furió, Marc; Mein, Pierre (2008) A new species of <i>Deinsdorfia</i> (Soricidae, Insectivora, Mammalia) from the Pliocene of Spain. <i>Comptes Rendus Palevol</i> 7(6): 347-359	† <i>Deinsdorfia doukasi</i>	Mammalia: Insectivora: Soricomorpha: Soricidae	SPAIN: Valencia Autonomous Community* (Castellón Province)
Gaffney, Eugene S.; Scheyer, Torsten M.; Johnson, Kenneth G.; Bocquentin, Jean; Aguilera, Orangel A. (2008) Two new species of the side necked turtle genus <i>Bairdemys</i> (Pleurodira, Podocnemididae), from the Miocene of Venezuela. <i>Paläontologische Zeitschrift</i> 82(2): 209-229	† <i>Bairdemys sanchezi</i>	Reptilia: Testudines: Pleurodira: Podocnemididae	VENEZUELA: Falcón*
Gaffney, Eugene S.; Scheyer, Torsten M.; Johnson, Kenneth G.; Bocquentin, Jean; Aguilera, Orangel A. (2008) Two new species of the side necked turtle genus <i>Bairdemys</i> (Pleurodira, Podocnemididae), from the Miocene of Venezuela. <i>Paläontologische Zeitschrift</i> 82(2): 209-229	† <i>Bairdemys winkleri</i>	Reptilia: Testudines: Pleurodira: Podocnemididae	VENEZUELA: Falcón*

Gallo, Valéria; Coehlo, Pablo M. (2008) First occurrence of an aulopiform fish in the Barremian of the Sergipe-Alagoas Basin, northeastern Brazil. In: Arratia, Gloria; Schultze, Hans-Peter; Wilson, Mark V.H. (eds.) (2008) Mesozoic Fishes 4. Homology and Phylogeny. Proceedings of the International Meeting, Miraflores de la Sierra, 2005. Verlag Dr. Friedrich Pfeil: München, pp. 351-371	† <i>Atolvorator longipectoralis</i>	Teleostei: Neoteleostei: Aulopiformes: Cimolichthyoidei: fam. indet.	BRAZIL: Alagoas*
Gand, G.; Garric, J.; Schneider, J.; Walter, H.; Lapeyrie, J.; Martin, C.; Thiery, A. (2008) Notostraca trackways in Permian playa environments of the Lodève Basin (France). Journal of Iberian Geology 34(1): 73-108	† <i>Acripes multiformis</i> isp.nov.	Crustacea: Branchiopoda: Notostraca?	FRANCE: (Saint Affrique basin)
Gand, G.; Garric, J.; Schneider, J.; Walter, H.; Lapeyrie, J.; Martin, C.; Thiery, A. (2008) Notostraca trackways in Permian playa environments of the Lodève Basin (France). Journal of Iberian Geology 34(1): 73-108	† <i>Acripes multiformis</i> isp.nov.	Crustacea: Branchiopoda: Notostraca?	FRANCE: Languedoc-Roussillon Region* (Hérault Department)
Gand, G.; Garric, J.; Schneider, J.; Walter, H.; Lapeyrie, J.; Martin, C.; Thiery, A. (2008) Notostraca trackways in Permian playa environments of the Lodève Basin (France). Journal of Iberian Geology 34(1): 73-108	† <i>Acripes multiformis</i> isp.nov.	Crustacea: Branchiopoda: Notostraca?	FRANCE: Provence-Alpes-Côte d'Azur Region* (le Luc basin)
Gao, Chunling; Chiappe, Luis M.; Meng, Qijiang; O'Connor, Jingmai K.; Wang, Xuri; Cheng, Xiaodong; Liu, Jinyuan (2008) A new basal lineage of Early Cretaceous birds from China and its implications on the evolution of the avian tail. Palaeontology 51(4): 775-791	† <i>Zhongornis haoae</i>	Aves: Avebrevicauda:	CHINA: Liaoning*
Gao, Taiping; Ren, Dong (2008) Description of a new fossil <i>Anthoxyela</i> species (Hymenoptera, Xyelidae) from Yixian Formation of northeast China. Zootaxa 1842: 56-62	† <i>Anthoxyela orientalis</i>	Hymenoptera: Xyelidae	CHINA: Liaoning*
Garassino, Alessandro; de Angeli, Antonio; Pasini, Giovanni (2008) New decapod assemblage from the Upper Cretaceous (Cenomanian-Turonian) of Gara Sbaa, southeastern Morocco. Atti della Società Italiana di Scienze Naturali e del Museo Civico di Storia Naturale in Milano 149(1): 37-67	† <i>Cretagalathea exigua</i>	Crustacea: Decapoda: Galatheoidea: Galatheididae	MOROCCO: Meknès-Tafilalet Region*
Garassino, Alessandro; de Angeli, Antonio; Pasini, Giovanni (2008) New decapod assemblage from the Upper Cretaceous (Cenomanian-Turonian) of Gara Sbaa, southeastern Morocco. Atti della Società Italiana di Scienze Naturali e del Museo Civico di Storia Naturale in Milano 149(1): 37-67	† <i>Galathea sahariana</i>	Crustacea: Decapoda: Galatheoidea: Galatheididae	MOROCCO: Meknès-Tafilalet Region*
Garassino, Alessandro; de Angeli, Antonio; Pasini, Giovanni (2008) New decapod assemblage from the Upper Cretaceous (Cenomanian-Turonian) of Gara Sbaa, southeastern Morocco. Atti della Società Italiana di Scienze Naturali e del Museo Civico di Storia Naturale in Milano 149(1): 37-67	† <i>Glyphea garasbaaensis</i>	Crustacea: Decapoda: Astacidea: Glypheoidea: Glypheidae	MOROCCO: Meknès-Tafilalet Region*
Garassino, Alessandro; de Angeli, Antonio; Pasini, Giovanni (2008) New decapod assemblage from the Upper Cretaceous (Cenomanian-Turonian) of Gara Sbaa, southeastern Morocco. Atti della Società Italiana di Scienze Naturali e del Museo Civico di Storia Naturale in Milano 149(1): 37-67	† <i>Paragalathea africana</i>	Crustacea: Decapoda: Galatheoidea: Galatheididae	MOROCCO: Meknès-Tafilalet Region*

Garassino, Alessandro; Rigo, Roberto (2008) <i>Pseudoglyphea friulana</i> n.sp. (Decapoda, Astacidea, Mecochiridae) from the Upper Triassic (Carnian) of Dogna (Udine, Friuli-Venezia Giulia, NE Italy). Atti della Società Italiana di Scienze Naturali e del Museo Civico di Storia Naturale in Milano 149(1): 69-76	† <i>Pseudoglyphea friulana</i>	Crustacea: Decapoda: Astacidea: Mecochiridae	ITALY: Friuli-Venezia Giulia Region* (Udine Province)
García-Alcalde, J.L. (2008) <i>Eopugnax maisae</i> n.sp. (Rhynchonellida Pugnacoidea) del Devónico (Emsiense Superior) del Dominio Astur-Leonés de La Cordillera Cantábrica (N de España). Trabajos de Geología 28: 171-178	† <i>Eopugnax maisae</i>	Brachiopoda: Rhynchonellida: Pugnacoidea: Aseptirhynchiidae	SPAIN: Castile and León Autonomous Community* (León Province)
García-Alcalde, Jenaro L. (2008) Glossinotoechiidae (braquiópodos uncinuloideos) del Devónico de la Cordillera Cantábrica (N de España). Revista Española de Paleontología 23(2): 237-266	† <i>Chlupacitoechia lavidana</i>	Mollusca: Brachiopoda: Glossinotoechiidae	SPAIN: Castilla y León Autonomous Community* (Cantabrian Mountains)
García-Alcalde, Jenaro L. (2008) Glossinotoechiidae (braquiópodos uncinuloideos) del Devónico de la Cordillera Cantábrica (N de España). Revista Española de Paleontología 23(2): 237-266	† <i>Eoglossinotoechia puertoana</i>	Mollusca: Brachiopoda: Glossinotoechiidae	SPAIN: Castilla y León Autonomous Community* (Cantabrian Mountains)
García-Alix, Antonio; Minwer-Barakat, Raef; Martín-Suárez, Elvira; Freudenthal, Matthijs (2008) <i>Muscardinus meridionalis</i> sp. nov., a new species of Gliridae (Rodentia, Mammalia) and its implications for the phylogeny of <i>Muscardinus</i> . Journal of Vertebrate Paleontology 28(2): 568-573	† <i>Muscardinus meridionalis</i>	Mammalia: Rodentia: Gliridae	SPAIN: Granada*
García-Bellido, Diego C.; Gutiérrez-Marco, Juan Carlos; Chacaltana, César A. (2008) First soft-bodied fossil from the Ordovician of Peru. Alcheringa 32(3): 313-320	† <i>Juninscolex ingemmetianum</i>	?Priapulida: ?Palaeoscolecida: fam. indet.	PERU: Junín*
Garilli, Vittorio (2008) On some Neogene to Recent species related to <i>Galeodina</i> Monterosato, 1884, <i>Galeodinopsis</i> Sacco, 1895, and <i>Massotia</i> Bucquoy, Dautzenberg, and Dollfus, 1884 (Caenogastropoda: Rissoidae) with the description of two new <i>Alvania</i> species from the Mediterranean Pleistocene. Nautilus 122(1): 19-51	† <i>Alvania francescoi</i>	Mollusca: Gastropoda: Caenogastropoda: Rissoidae	ITALY: Sicily*
Garilli, Vittorio (2008) On some Neogene to Recent species related to <i>Galeodina</i> Monterosato, 1884, <i>Galeodinopsis</i> Sacco, 1895, and <i>Massotia</i> Bucquoy, Dautzenberg, and Dollfus, 1884 (Caenogastropoda: Rissoidae) with the description of two new <i>Alvania</i> species from the Mediterranean Pleistocene. Nautilus 122(1): 19-51	† <i>Alvania rosariae</i>	Mollusca: Gastropoda: Caenogastropoda: Rissoidae	GREECE: Peloponnese Periphery*
Garilli, Vittorio (2008) On some Neogene to Recent species related to <i>Galeodina</i> Monterosato, 1884, <i>Galeodinopsis</i> Sacco, 1895, and <i>Massotia</i> Bucquoy, Dautzenberg, and Dollfus, 1884 (Caenogastropoda: Rissoidae) with the description of two new <i>Alvania</i> species from the Mediterranean Pleistocene. Nautilus 122(1): 19-51	† <i>Alvania rosariae</i>	Mollusca: Gastropoda: Caenogastropoda: Rissoidae	ITALY: Sicily*
Garrido, Guiomar; Arribas, Alfonso (2008) <i>Canis accitanus</i> nov. sp., a new small dog (Canidae, Carnivora, Mammalia) from the Fonelas P-1 Plio-Pleistocene site (Guadix basin, Granada, Spain). Geobios 41(6): 751-761	† <i>Canis accitanus</i>	Mammalia: Carnivora: Canidae	SPAIN: Andalusia Autonomous Community* (Granada Province)

Garvey, Jillian M.; Hasiotis, Stephen T. (2008) An ichnofossil assemblage from the Lower Carboniferous Snowy Plains Formation, Mansfield Basin, Australia. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> 258(4): 257-276	† <i>Fuersichnus commerfordi</i> isp.n.	Ichnospecies	AUSTRALIA: Victoria*
Garvey, Jillian M.; Hasiotis, Stephen T. (2008) An ichnofossil assemblage from the Lower Carboniferous Snowy Plains Formation, Mansfield Basin, Australia. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> 258(4): 257-276	† <i>Margaritichnus mansfieldi</i> isp.n.	Ichnospecies	AUSTRALIA: Victoria*
Garvey, Jillian M.; Hasiotis, Stephen T. (2008) An ichnofossil assemblage from the Lower Carboniferous Snowy Plains Formation, Mansfield Basin, Australia. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> 258(4): 257-276	† <i>Platicytes lioparadus</i> isp.n.	Ichnospecies	AUSTRALIA: Victoria*
Gastaldo, Robert A.; Rolerson, Marcy W. (2008) <i>Katbergia</i> gen. nov., a new trace fossil from Upper Permian and Lower Triassic rocks of the Karoo Basin: Implications for palaeoenvironmental conditions at the P/Tr extinction event. <i>Palaeontology</i> 51(1):215-229	† <i>Katbergia carltonichnus</i> isp.n.	Ichnospecies	SOUTH AFRICA: Eastern Cape Province*
Gastaldo, Robert A.; Rolerson, Marcy W. (2008) <i>Katbergia</i> gen. nov., a new trace fossil from Upper Permian and Lower Triassic rocks of the Karoo Basin: Implications for palaeoenvironmental conditions at the P/Tr extinction event. <i>Palaeontology</i> 51(1):215-229	† <i>Katbergia carltonichnus</i> isp.n.	Ichnospecies	SOUTH AFRICA: Free State Province*
Gatovsky, Yu.A. (2008) New species of <i>Antognathus</i> (Conodonts) from the Famennian deposits of southern Kazakhstan. <i>Paleontological Journal</i> 42(2): 176-180 [<i>Paleontologicheskii Zhurnal</i> 2008(2): 70-74 (in Russian)]	† <i>Antognathus vjateshslavi</i> Gatovsky	Hemichordata: Conodonta: Icriodontidae	KAZAKHSTAN: Kyzylorda Oblast*
Gaudant, Jean; Smith, Richard (2008) Des dents de poissons characiformes dans l'Eocène basal de Dormaal (Niveau proche de la limite Paléocène-Eocène, Brabant flamand, Belgique). <i>Bulletin de l'Institut Royal des Sciences Naturelles de Belgique, Sciences de la Terre</i> 78: 269-275	† <i>Palaeocharax belgicus</i>	Teleostei: Characidae	BELGIUM: Flemish Brabant Province*
Gelfo, Javier N.; López, Guillermo M.; Bond, Mariano (2008) A new Xenungulata (Mammalia) from the Paleocene of Patagonia, Argentina. <i>Journal of Paleontology</i> 82(2): 329-335	† <i>Notoetayoa gargantuai</i>	Mammalia: Xenungulata: Etayoidae	ARGENTINA: Chubut*
Genise, Jorge F.; Bedatou, Emilio; Melchor, Ricardo N. (2008) Terrestrial crustacean breeding trace fossils from the Cretaceous of Patagonia (Argentina): Palaeobiological and evolutionary significance. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> 264(1-2): 128-139	† <i>Cellicolichnus meniscatus</i> isp.n.	Ichnospecies	ARGENTINA: Santa Cruz*
Genise, Jorge F.; Bedatou, Emilio; Melchor, Ricardo N. (2008) Terrestrial crustacean breeding trace fossils from the Cretaceous of Patagonia (Argentina): Palaeobiological and evolutionary significance. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> 264(1-2): 128-139	† <i>Dagnichnus titoi</i> isp.n.	Ichnospecies	ARGENTINA: Santa Cruz*
Georgescu, M. Dan (2008) A new planktonic foraminiferal taxon of the family Hedbergellidae Loeblich and Tappan 1961 from the Upper Cretaceous (Upper Turonian-Coniacian) of the Caribbean region. <i>Israel Journal of Earth Sciences</i> 57(1): 55-63	† <i>Hillsella hillsi</i>	Rhizaria: Foraminifera: Hedbergellidae	CARIBBEAN SEA (Venezuelan Basin, Yucatan Shelf)
Georgescu, M. Dan; Abramovich, Sigal (2008) A new serial Cretaceous planktic foraminifer (family Heterohelicidae Cushman, 1927) from the Upper Maastrichtian of the equatorial Central Pacific. <i>Journal of Micropalaeontology</i> 27(2): 117-123	† <i>Lipsonia lipsonae</i>	Rhizaria: Foraminifera: Heterohelicidae	MEXICO: Baja California*

Georgescu, M. Dan; Abramovich, Sigal (2008) A new serial Cretaceous planktic foraminifer (family Heterohelidae Cushman, 1927) from the Upper Maastrichtian of the equatorial Central Pacific. <i>Journal of Micropalaeontology</i> 27(2): 117-123	† <i>Lipsonia lipsonae</i>	Rhizaria: Foraminifera: Heterohelidae	PACIFIC OCEAN
Georgescu, M. Dan; Abramovich, Sigal (2008) A new serial Cretaceous planktic foraminifer (family Heterohelidae Cushman, 1927) from the Upper Maastrichtian of the equatorial Central Pacific. <i>Journal of Micropalaeontology</i> 27(2): 117-123	† <i>Lipsonia lipsonae</i>	Rhizaria: Foraminifera: Heterohelidae	USA: California (offshore)
Georgescu, Marius Dan; Abramovich, Sigal (2008) Taxonomic revision and phylogenetic classification of the Late Cretaceous (Upper Santonian-Maastrichtian) serial planktonic foraminifera (family Heterohelidae Cushman, 1927) with peripheral test wall flexure. <i>Revista Española de Micropaleontología</i> 40(1-2): 97-114	† <i>Hendersonia hendersoni</i>	Foraminifera: Globigerinina: Heterohelidae	ATLANTIC OCEAN (Falkland Plateau, 51°00'S 47°58'W)
Georgescu, Marius Dan; Abramovich, Sigal (2008) Taxonomic revision and phylogenetic classification of the Late Cretaceous (Upper Santonian-Maastrichtian) serial planktonic foraminifera (family Heterohelidae Cushman, 1927) with peripheral test wall flexure. <i>Revista Española de Micropaleontología</i> 40(1-2): 97-114	† <i>Hendersonia hendersoni</i>	Foraminifera: Globigerinina: Heterohelidae	GULF OF MEXICO: (Yucatán outer shelf)
Georgescu, Marius Dan; Abramovich, Sigal (2008) Taxonomic revision and phylogenetic classification of the Late Cretaceous (Upper Santonian-Maastrichtian) serial planktonic foraminifera (family Heterohelidae Cushman, 1927) with peripheral test wall flexure. <i>Revista Española de Micropaleontología</i> 40(1-2): 97-114	† <i>Hendersonia hendersoni</i>	Foraminifera: Globigerinina: Heterohelidae	NIGERIA: (Calabar Flank)
Georgescu, Marius Dan; Abramovich, Sigal (2008) Taxonomic revision and phylogenetic classification of the Late Cretaceous (Upper Santonian-Maastrichtian) serial planktonic foraminifera (family Heterohelidae Cushman, 1927) with peripheral test wall flexure. <i>Revista Española de Micropaleontología</i> 40(1-2): 97-114	† <i>Hendersonia hendersoni</i>	Foraminifera: Globigerinina: Heterohelidae	TUNISIA: (El Kef)
Georgescu, Marius Dan; Abramovich, Sigal (2008) Taxonomic revision and phylogenetic classification of the Late Cretaceous (Upper Santonian-Maastrichtian) serial planktonic foraminifera (family Heterohelidae Cushman, 1927) with peripheral test wall flexure. <i>Revista Española de Micropaleontología</i> 40(1-2): 97-114	† <i>Hendersonia jerseyensis</i>	Foraminifera: Globigerinina: Heterohelidae	USA: New Jersey: (coastal plain, "Bass River site", sample 495.30-33 m) (39°36'42"N 74°26'12"W)
Geraads, Denis; Blondel, Cecile; Likies, Andossa; Mackaye, Hassane Taisso; Vignaud, Patrick; Brunet, Michel (2008) New Hippotragini (Bovidae, Mammalia) from the Late Miocene of Toros-Menalla (Chad). <i>Journal of Vertebrate Paleontology</i> 28(1): 231-242	† <i>Saheloryx solidus</i>	Mammalia: Bovidae: Hippotragini	CHAD: (Toros-Menalla, Western Djurab Desert)
Geraads, Denis; Blondel, Cecile; Likies, Andossa; Mackaye, Hassane Taisso; Vignaud, Patrick; Brunet, Michel (2008) New Hippotragini (Bovidae, Mammalia) from the Late Miocene of Toros-Menalla (Chad). <i>Journal of Vertebrate Paleontology</i> 28(1): 231-242	† <i>Tchadotragus sudrei</i>	Mammalia: Bovidae: Hippotragini	CHAD: (Toros-Menalla, Western Djurab Desert)
Geraads, Denis; Spassov, Nikolaï (2008) A new species of <i>Criotherium</i> (Bovidae, Mammalia) from the late Miocene of Bulgaria. <i>Hellenic Journal of Geosciences</i> 43: 21-27	† <i>Criotherium nikolovi</i>	Mammalia: Bovidae	BULGARIA: Blagoevgrad Province*
Getty, Patrick Ryan; Hagadorn, James Whitey (2008) Reinterpretation of <i>Climactichnites</i> Logan 1860 to include subsurface burrows, and erection of <i>Musculopodus</i> for resting tracts of the trailmaker. <i>Journal of Paleontology</i> 82(6): 1161-1172	† <i>Musculopodus sedentarius</i>	Ichnospecies	CANADA: Ontario*

Getty, Patrick Ryan; Hagadorn, James Whitey (2008) Reinterpretation of <i>Climactichnites</i> Logan 1860 to include subsurface burrows, and erection of <i>Musculopodus</i> for resting tracts of the trailmaker. <i>Journal of Paleontology</i> 82(6): 1161-1172	† <i>Musculopodus sedentarius</i>	Ichnospecies	CANADA: Québec*
Getty, Patrick Ryan; Hagadorn, James Whitey (2008) Reinterpretation of <i>Climactichnites</i> Logan 1860 to include subsurface burrows, and erection of <i>Musculopodus</i> for resting tracts of the trailmaker. <i>Journal of Paleontology</i> 82(6): 1161-1172	† <i>Musculopodus sedentarius</i>	Ichnospecies	USA: Missouri: (Lamotte and Gunter Sandstones, Black River Stone Quarry)
Getty, Patrick Ryan; Hagadorn, James Whitey (2008) Reinterpretation of <i>Climactichnites</i> Logan 1860 to include subsurface burrows, and erection of <i>Musculopodus</i> for resting tracts of the trailmaker. <i>Journal of Paleontology</i> 82(6): 1161-1172	† <i>Musculopodus sedentarius</i>	Ichnospecies	USA: New York: (Mooers, Potsdam Group)
Getty, Patrick Ryan; Hagadorn, James Whitey (2008) Reinterpretation of <i>Climactichnites</i> Logan 1860 to include subsurface burrows, and erection of <i>Musculopodus</i> for resting tracts of the trailmaker. <i>Journal of Paleontology</i> 82(6): 1161-1172	† <i>Musculopodus sedentarius</i>	Ichnospecies	USA: Wisconsin: (Krukowski Quarry, Elk Mound Group)
Gholamalian, Hossein; Kebriaei, Mohammad-Reza (2008) Late Devonian conodonts from the Hojedk Section, Kerman Province, southeastern Iran. <i>Rivista Italiana di Paleontologia e Stratigrafia</i> 114(2): 179-189	† <i>Polygnathus ashourii</i>	Hemichordata: Conodonts: Ozarkodinida: Polygnathidae	IRAN: Kerman Province*
Gibson, Gary A.P. (2008) Description of <i>Leptoomus janzeni</i> , n.gen. and n.sp. (Hymenoptera: Chalcidoidea) from Baltic amber, and discussion of its relationships and classification relative to Eupelmidae, Tanaostigmatidae and Encyrtidae. <i>Zootaxa</i> 1730:1-26	† <i>Leptoomus janzeni</i>	Hymenoptera: Chalcidoidea: Tanaostigmatidae	("Baltic amber")
Ginter, Michał (2008) Devonian filter-feeding sharks. <i>Acta Geologica Polonica</i> 58(2): 147-153	† <i>Diademodus utahensis</i>	Teleostei: Chondrichthyes: Phoebodontidae	USA: Nevada: Eureka County*
Ginter, Michał (2008) Devonian filter-feeding sharks. <i>Acta Geologica Polonica</i> 58(2): 147-153	† <i>Diademodus utahensis</i>	Teleostei: Chondrichthyes: Phoebodontidae	USA: Utah: Millard County*
Ginter, Michał (2008) Devonian filter-feeding sharks. <i>Acta Geologica Polonica</i> 58(2): 147-153	† <i>Lesnilomia sandbergi</i>	Teleostei: Chondrichthyes: fam. indet.	CZECH REPUBLIC: South Moravia*
Ginter, Michał (2008) Devonian filter-feeding sharks. <i>Acta Geologica Polonica</i> 58(2): 147-153	† <i>Lesnilomia sandbergi</i>	Teleostei: Chondrichthyes: fam. indet.	USA: Nevada: Eureka County*
Ginter, Michał (2008) Devonian filter-feeding sharks. <i>Acta Geologica Polonica</i> 58(2): 147-153	† <i>Lesnilomia sandbergi</i>	Teleostei: Chondrichthyes: fam. indet.	USA: Nevada: Humboldt County*

Ginter, Michał (2008) Devonian filter-feeding sharks. <i>Acta Geologica Polonica</i> 58(2): 147-153	† <i>Lesnilomia sandbergi</i>	Teleostei: Chondrichthyes: fam. indet.	USA: Utah: Millard County*
Gnoli, Maurizio; Serventi, Paolo (2008) A new cephalopod from the Early Silurian of the Carnic Alps (Italian side). <i>Rivista Italiana di Paleontologia e Stratigrafia</i> 114(2): 171-178	† <i>Serpaglioceras forojuliense</i>	Mollusca: Cephalopoda: ord. indet.: fam. indet.	ITALY: Friuli-Venezia Giulia Region* (Mount Cocco)
Godefroit, Pascal; Currie, Philip J.; Hong, Li; Yong, Shang Chang; Dong, Zhi-Ming (2008) A new species of <i>Velociraptor</i> (Dinosauria: Dromaeosauridae) from the Upper Cretaceous of northern China. <i>Journal of Vertebrate Paleontology</i> 28(2): 432-438	† <i>Velociraptor osmolskae</i>	Dinosauria: Therapoda: Dromaeosauridae	CHINA: Inner Mongolia*
Godefroit, Pascal; Hai, Shulin; Yu, Tingxiang; Lauters, Pascaline (2008) New hadrosaurid dinosaurs from the uppermost Cretaceous of northeastern China. <i>Acta Palaeontologica Polonica</i> 53(1): 47-74	† <i>Sahaliyana elunchunorum</i>	Dinosauria: Ornithischia: Ornithopoda: Hadrosauridae	CHINA: Heilongjiang*
Godefroit, Pascal; Hai, Shulin; Yu, Tingxiang; Lauters, Pascaline (2008) New hadrosaurid dinosaurs from the uppermost Cretaceous of northeastern China. <i>Acta Palaeontologica Polonica</i> 53(1): 47-74	† <i>Wulagasaurus donsi</i>	Dinosauria: Ornithischia: Ornithopoda: Hadrosauridae	CHINA: Heilongjiang*
Godfrey, Stephen J.; Barnes, Lawrence G. (2008) A new genus and species of Late Miocene pontoporiid dolphin (Cetacea: Odontoceti) from the St. Marys Formation in Maryland. <i>Journal of Vertebrate Paleontology</i> 28(2): 520-528	† <i>Stenasodelphis russellae</i>	Mammalia: Cetacea: Odontoceti: Pontoporiidae	USA: Maryland: Calvert County*
Göhlich, Ursula B.; Pavia, Marco (2008) A new species of <i>Palaeortyx</i> (Aves: Galliformes: Phasianidae) from the Neogene of Gargano, Italy. <i>Oryctos</i> 7: 95-108	† <i>Palaeortyx volans</i>	Aves: Galliformes: Phasianidae	ITALY: Puglia Region* (Foggia Province)
Golovneva, L.B.; Sun, G.; Bugdaeva, E.V. (2008) Campanian flora of the Bureya River basin (Late Cretaceous of the Amur Region). <i>Paleontological Journal</i> 42(5): 554-567 [Paleontologicheskii Zhurnal 2008(5): 96-107 (in Russian)]	† <i>Celastrinites kendurensis</i> Golovneva, Sun & Bugdaeva	Angiospermae: ??	CHINA: Heilongjiang Province*
Golovneva, L.B.; Sun, G.; Bugdaeva, E.V. (2008) Campanian flora of the Bureya River basin (Late Cretaceous of the Amur Region). <i>Paleontological Journal</i> 42(5): 554-567 [Paleontologicheskii Zhurnal 2008(5): 96-107 (in Russian)]	† <i>Celastrinites kendurensis</i> Golovneva, Sun & Bugdaeva	Angiospermae: ??	RUSSIA: Amur Oblast*
Golovneva, L.B.; Sun, G.; Bugdaeva, E.V. (2008) Campanian flora of the Bureya River basin (Late Cretaceous of the Amur Region). <i>Paleontological Journal</i> 42(5): 554-567 [Paleontologicheskii Zhurnal 2008(5): 96-107 (in Russian)]	† <i>Trochodendroides lanceolata</i> Golovneva, Sun & Bugdaeva	Angiospermae: Cercidiphyllaceae	CHINA: Heilongjiang Province*
Golovneva, L.B.; Sun, G.; Bugdaeva, E.V. (2008) Campanian flora of the Bureya River basin (Late Cretaceous of the Amur Region). <i>Paleontological Journal</i> 42(5): 554-567 [Paleontologicheskii Zhurnal 2008(5): 96-107 (in Russian)]	† <i>Trochodendroides lanceolata</i> Golovneva, Sun & Bugdaeva	Angiospermae: Cercidiphyllaceae	RUSSIA: Amur Oblast*

Golovneva, L.B.; Sun, G.; Bugdaeva, E.V. (2008) Campanian flora of the Bureya River basin (Late Cretaceous of the Amur Region). <i>Paleontological Journal</i> 42(5): 554-567 [Paleontologicheskii Zhurnal 2008(5): 96-107 (in Russian)]	† <i>Trochodendroides microdentata</i> Golovneva, Sun & Bugdaeva	Angiospermae: Cercidiphyllaceae	CHINA: Heilongjiang Province*
Golovneva, L.B.; Sun, G.; Bugdaeva, E.V. (2008) Campanian flora of the Bureya River basin (Late Cretaceous of the Amur Region). <i>Paleontological Journal</i> 42(5): 554-567 [Paleontologicheskii Zhurnal 2008(5): 96-107 (in Russian)]	† <i>Trochodendroides microdentata</i> Golovneva, Sun & Bugdaeva	Angiospermae: Cercidiphyllaceae	RUSSIA: Amur Oblast*
Golovneva, L.B.; Sun, G.; Bugdaeva, E.V. (2008) Campanian flora of the Bureya River basin (Late Cretaceous of the Amur Region). <i>Paleontological Journal</i> 42(5): 554-567 [Paleontologicheskii Zhurnal 2008(5): 96-107 (in Russian)]	† <i>Trochodendroides taipinglinchanica</i> Golovneva, Sun & Bugdaeva	Angiospermae: Cercidiphyllaceae	CHINA: Heilongjiang Province*
Golovneva, L.B.; Sun, G.; Bugdaeva, E.V. (2008) Campanian flora of the Bureya River basin (Late Cretaceous of the Amur Region). <i>Paleontological Journal</i> 42(5): 554-567 [Paleontologicheskii Zhurnal 2008(5): 96-107 (in Russian)]	† <i>Trochodendroides taipinglinchanica</i> Golovneva, Sun & Bugdaeva	Angiospermae: Cercidiphyllaceae	RUSSIA: Amur Oblast*
Golub, V.B.; Popov, Yu.A. (2008) A new species of Tingidae (Insecta: Hemiptera: Heteroptera) from the Lower Cretaceous of Transbaikalia. <i>Paleontological Journal</i> 42(1): 86-89 [Paleontologicheskii Zhurnal 2008(1): 88-91 (in Russian)]	† <i>Sinaldocader ponomarenkoi</i> Golub & Popov	Hemiptera: Cimicomorpha: Tingidae	RUSSIA: Buryatia Republic*
Golub, Viktor B.; Popov, Yuri A.; Guilbert, Eric (2008) <i>Phymacysta stysi</i> , a new species of lace bug from Dominican amber (Hemiptera: Heteroptera: Tingidae: Tinginae). <i>Acta Entomologica Musei Nationalis Pragae</i> 48(2): 485-490	† <i>Phymacysta stysi</i>	Hemiptera: Heteroptera: Tingidae	DOMINICAN REPUBLIC
Golubic, Stjepko; Radtke, Gudrun (2008) The trace <i>Rhopalia clavigera</i> isp.n. reflects the development of its maker <i>Eugomontia sacculata</i> Kornmann, 1960. In: Current Developments in Bioerosion (Max Wisshak and Leif Tapanila, eds.) Springer: Berlin, pp. 95-108	† <i>Rhopalia clavigera</i> isp.n.	Ichnospecies	FRANCE
Golubic, Stjepko; Radtke, Gudrun (2008) The trace <i>Rhopalia clavigera</i> isp.n. reflects the development of its maker <i>Eugomontia sacculata</i> Kornmann, 1960. In: Current Developments in Bioerosion (Max Wisshak and Leif Tapanila, eds.) Springer: Berlin, pp. 95-108	† <i>Rhopalia clavigera</i> isp.n.	Ichnospecies	POLAND
Golubić, Vladimir (2008) Ammonoids of the Upper Scythian from Muć (Dalmatia, Croatia). <i>Natura Croatica</i> 17(Suppl 2): 1-216	† <i>Carniolites (Muchites) gracilis</i>	Mollusca: Cephalopoda: Ceratidia	CROATIA: Split-Dalmatia*
Golubić, Vladimir (2008) Ammonoids of the Upper Scythian from Muć (Dalmatia, Croatia). <i>Natura Croatica</i> 17(Suppl 2): 1-216	† <i>Carniolites (Muchites) mosechianus</i>	Mollusca: Cephalopoda: Ceratidia	CROATIA: Split-Dalmatia*
Golubić, Vladimir (2008) Ammonoids of the Upper Scythian from Muć (Dalmatia, Croatia). <i>Natura Croatica</i> 17(Suppl 2): 1-216	† <i>Carniolites (Muchites) muchianus</i>	Mollusca: Cephalopoda: Ceratidia	CROATIA: Split-Dalmatia*
Golubić, Vladimir (2008) Ammonoids of the Upper Scythian from Muć (Dalmatia, Croatia). <i>Natura Croatica</i> 17(Suppl 2): 1-216	† <i>Carniolites archeos</i>	Mollusca: Cephalopoda: Ceratidia	CROATIA: Split-Dalmatia*

Golubić, Vladimir (2008) Ammonoids of the Upper Scythian from Muć (Dalmatia, Croatia). <i>Natura Croatica</i> 17(Suppl 2): 1-216	† <i>Carniolites bilopolienum</i>	Mollusca: Cephalopoda: Ceratidia	CROATIA: Split-Dalmatia*
Golubić, Vladimir (2008) Ammonoids of the Upper Scythian from Muć (Dalmatia, Croatia). <i>Natura Croatica</i> 17(Suppl 2): 1-216	† <i>Carniolites bukovicianus</i>	Mollusca: Cephalopoda: Ceratidia	CROATIA: Split-Dalmatia*
Golubić, Vladimir (2008) Ammonoids of the Upper Scythian from Muć (Dalmatia, Croatia). <i>Natura Croatica</i> 17(Suppl 2): 1-216	† <i>Carniolites canalicus</i>	Mollusca: Cephalopoda: Ceratidia	CROATIA: Split-Dalmatia*
Golubić, Vladimir (2008) Ammonoids of the Upper Scythian from Muć (Dalmatia, Croatia). <i>Natura Croatica</i> 17(Suppl 2): 1-216	† <i>Carniolites gradinae</i>	Mollusca: Cephalopoda: Ceratidia	CROATIA: Split-Dalmatia*
Golubić, Vladimir (2008) Ammonoids of the Upper Scythian from Muć (Dalmatia, Croatia). <i>Natura Croatica</i> 17(Suppl 2): 1-216	† <i>Carniolites janchagianus</i>	Mollusca: Cephalopoda: Ceratidia	CROATIA: Split-Dalmatia*
Golubić, Vladimir (2008) Ammonoids of the Upper Scythian from Muć (Dalmatia, Croatia). <i>Natura Croatica</i> 17(Suppl 2): 1-216	† <i>Diaplococeras borovachae</i>	Mollusca: Cephalopoda: Ceratidia	CROATIA: Split-Dalmatia*
Golubić, Vladimir (2008) Ammonoids of the Upper Scythian from Muć (Dalmatia, Croatia). <i>Natura Croatica</i> 17(Suppl 2): 1-216	† <i>Diaplococeras diskoides</i>	Mollusca: Cephalopoda: Ceratidia	CROATIA: Split-Dalmatia*
Golubić, Vladimir (2008) Ammonoids of the Upper Scythian from Muć (Dalmatia, Croatia). <i>Natura Croatica</i> 17(Suppl 2): 1-216	† <i>Diaplococeras radechae</i>	Mollusca: Cephalopoda: Ceratidia	CROATIA: Split-Dalmatia*
Golubić, Vladimir (2008) Ammonoids of the Upper Scythian from Muć (Dalmatia, Croatia). <i>Natura Croatica</i> 17(Suppl 2): 1-216	† <i>Diaplococeras surovae</i>	Mollusca: Cephalopoda: Ceratidia	CROATIA: Split-Dalmatia*
Golubić, Vladimir (2008) Ammonoids of the Upper Scythian from Muć (Dalmatia, Croatia). <i>Natura Croatica</i> 17(Suppl 2): 1-216	† <i>Diaplococeras zmijavacianus</i>	Mollusca: Cephalopoda: Ceratidia	CROATIA: Split-Dalmatia*
Golubić, Vladimir (2008) Ammonoids of the Upper Scythian from Muć (Dalmatia, Croatia). <i>Natura Croatica</i> 17(Suppl 2): 1-216	† <i>Pseudodinarites longilobatus</i>	Mollusca: Cephalopoda: Ceratidia	CROATIA: Split-Dalmatia*
Golubić, Vladimir (2008) Ammonoids of the Upper Scythian from Muć (Dalmatia, Croatia). <i>Natura Croatica</i> 17(Suppl 2): 1-216	† <i>Pseudodinarites minor</i>	Mollusca: Cephalopoda: Ceratidia	CROATIA: Split-Dalmatia*
Golubić, Vladimir (2008) Ammonoids of the Upper Scythian from Muć (Dalmatia, Croatia). <i>Natura Croatica</i> 17(Suppl 2): 1-216	† <i>Pseudodinarites sutinae</i>	Mollusca: Cephalopoda: Ceratidia	CROATIA: Split-Dalmatia*
Golubić, Vladimir (2008) Ammonoids of the Upper Scythian from Muć (Dalmatia, Croatia). <i>Natura Croatica</i> 17(Suppl 2): 1-216	† <i>Pseudodinarites tirolitiformis</i>	Mollusca: Cephalopoda: Ceratidia	CROATIA: Split-Dalmatia*

Golubić, Vladimir (2008) Ammonoids of the Upper Scythian from Muć (Dalmatia, Croatia). <i>Natura Croatica</i> 17(Suppl 2): 1-216	† <i>Pseudodinarites tirolitoides</i>	Mollusca: Cephalopoda: Ceratidia	CROATIA: Split-Dalmatia*
Golubić, Vladimir (2008) Ammonoids of the Upper Scythian from Muć (Dalmatia, Croatia). <i>Natura Croatica</i> 17(Suppl 2): 1-216	† <i>Pseudodinarites? povrpolienum</i>	Mollusca: Cephalopoda: Ceratidia	CROATIA: Split-Dalmatia*
Golubić, Vladimir (2008) Ammonoids of the Upper Scythian from Muć (Dalmatia, Croatia). <i>Natura Croatica</i> 17(Suppl 2): 1-216	† <i>Pseudokymatites batanus</i>	Mollusca: Cephalopoda: Ceratidia	CROATIA: Split-Dalmatia*
Golubić, Vladimir (2008) Ammonoids of the Upper Scythian from Muć (Dalmatia, Croatia). <i>Natura Croatica</i> 17(Suppl 2): 1-216	† <i>Pseudokymatites orlovachae</i>	Mollusca: Cephalopoda: Ceratidia	CROATIA: Split-Dalmatia*
Golubić, Vladimir (2008) Ammonoids of the Upper Scythian from Muć (Dalmatia, Croatia). <i>Natura Croatica</i> 17(Suppl 2): 1-216	† <i>Tirolites (Seminudites?) macrolobatus</i>	Mollusca: Cephalopoda: Ceratidia	CROATIA: Split-Dalmatia*
Golubić, Vladimir (2008) Ammonoids of the Upper Scythian from Muć (Dalmatia, Croatia). <i>Natura Croatica</i> 17(Suppl 2): 1-216	† <i>Tirolites (Visovacites) darwini</i>	Mollusca: Cephalopoda: Ceratidia	CROATIA: Split-Dalmatia*
Golubić, Vladimir (2008) Ammonoids of the Upper Scythian from Muć (Dalmatia, Croatia). <i>Natura Croatica</i> 17(Suppl 2): 1-216	† <i>Tirolites (Visovacites) visovacianus</i>	Mollusca: Cephalopoda: Ceratidia	CROATIA: Split-Dalmatia*
Golubić, Vladimir (2008) Ammonoids of the Upper Scythian from Muć (Dalmatia, Croatia). <i>Natura Croatica</i> 17(Suppl 2): 1-216	† <i>Tirolites cassianoides</i>	Mollusca: Cephalopoda: Ceratidia	CROATIA: Split-Dalmatia*
Golubić, Vladimir (2008) Ammonoids of the Upper Scythian from Muć (Dalmatia, Croatia). <i>Natura Croatica</i> 17(Suppl 2): 1-216	† <i>Tirolites hamuchianus</i>	Mollusca: Cephalopoda: Ceratidia	CROATIA: Split-Dalmatia*
Golubić, Vladimir (2008) Ammonoids of the Upper Scythian from Muć (Dalmatia, Croatia). <i>Natura Croatica</i> 17(Suppl 2): 1-216	† <i>Tirolites minutus</i>	Mollusca: Cephalopoda: Ceratidia	CROATIA: Split-Dalmatia*
Golubić, Vladimir (2008) Ammonoids of the Upper Scythian from Muć (Dalmatia, Croatia). <i>Natura Croatica</i> 17(Suppl 2): 1-216	† <i>Tirolites ramljaneanum</i>	Mollusca: Cephalopoda: Ceratidia	CROATIA: Split-Dalmatia*
Golubić, Vladimir (2008) Ammonoids of the Upper Scythian from Muć (Dalmatia, Croatia). <i>Natura Croatica</i> 17(Suppl 2): 1-216	† <i>Tirolites spalatinianus</i>	Mollusca: Cephalopoda: Ceratidia	CROATIA: Split-Dalmatia*
Golubić, Vladimir (2008) Ammonoids of the Upper Scythian from Muć (Dalmatia, Croatia). <i>Natura Croatica</i> 17(Suppl 2): 1-216	† <i>Tirolites zminae</i>	Mollusca: Cephalopoda: Ceratidia	CROATIA: Split-Dalmatia*
Gómez, Raúl O.; Báez, Ana M.; Rougier, Guillermo W. (2008) An anilioid snake from the Upper Cretaceous of northern Patagonia. <i>Cretaceous Research</i> 29(3): 481-488	† <i>Australophis anilioides</i>	Squamata: Serpentes: Anilioidea: fam. indet.	ARGENTINA: Rio Negro Province*

González, Laureano Raúl; Scillato-Yané, Gustavo Juan (2008) Una nueva especie de <i>Stegotherium</i> Ameghino (Xenarthra, Dasypodidae, Stegothereiini) del Mioceno de la provincia de Santa Cruz (Argentina). <i>Ameghiniana</i> 45(4): 641-648	† <i>Stegotherium tauberi</i>	Mammalia: Xenarthra: Dasypodidae	ARGENTINA: Santa Cruz Province*
González-Rodríguez, Katia; Fielitz, Christopher (2008) A new species of acanthomorph fish from the Upper Cretaceous Muhi Quarry, Hidalgo, central Mexico. In: Arratia, Gloria; Schultze, Hans-Peter; Wilson, Mark V.H. (eds.) (2008) Mesozoic Fishes 4. Homology and Phylogeny. Proceedings of the International Meeting, Miraflores de la Sierra, 2005. Verlag Dr. Friedrich Pfeil: München, pp. 399-411	† <i>Muhichthys cordobai</i>	Teleostei: Neoteleostei: Acanthomorpha: fam. indet.	MEXICO: Hidalgo*
Gordenko, N.V. (2008) Middle Jurassic flora of the Peski locality (Moscow Region): Systematics, paleoecology, and phytogeography. <i>Paleontological Journal</i> 42(12): 1285-1382	† <i>Nilssoniopteris infera</i> Gordenko	Pinophyta: Bennettitales: Williamsoniaceae	RUSSIA: Moscow Oblast*
Gordenko, N.V. (2008) Middle Jurassic flora of the Peski locality (Moscow Region): Systematics, paleoecology, and phytogeography. <i>Paleontological Journal</i> 42(12): 1285-1382	† <i>Otozamites paradoxus</i> Gordenko	Pinophyta: Bennettitales: Williamsoniaceae	RUSSIA: Moscow Oblast*
Gordenko, N.V. (2008) Middle Jurassic flora of the Peski locality (Moscow Region): Systematics, paleoecology, and phytogeography. <i>Paleontological Journal</i> 42(12): 1285-1382	† <i>Sagenopteris rossica</i> Gordenko	Pinophyta: Caytoniales: fam. indet.	RUSSIA: Moscow Oblast*
Gordon, Dennis P.; Taylor, Paul D. (2008) Systematics of the bryozoan genus <i>Macropora</i> (Cheilostomata). <i>Zoological Journal of the Linnean Society</i> 153(1):115-146	† <i>Macropora bullata</i>	Bryozoa: Cheilostomata:	NEW ZEALAND: South Island* (Otago Region, Oamaru)
Gordon, Dennis P.; Taylor, Paul D. (2008) Systematics of the bryozoan genus <i>Macropora</i> (Cheilostomata). <i>Zoological Journal of the Linnean Society</i> 153(1):115-146	† <i>Macropora leeeae</i>	Bryozoa: Cheilostomata:	NEW ZEALAND: South Island* (Otago Region, Oamaru)
Gordon, Dennis P.; Taylor, Paul D. (2008) Systematics of the bryozoan genus <i>Macropora</i> (Cheilostomata). <i>Zoological Journal of the Linnean Society</i> 153(1):115-146	† <i>Macropora mawatariorum</i>	Bryozoa: Cheilostomata:	JAPAN: Hokkaidō Prefecture*
Gordon, Dennis P.; Taylor, Paul D. (2008) Systematics of the bryozoan genus <i>Macropora</i> (Cheilostomata). <i>Zoological Journal of the Linnean Society</i> 153(1):115-146	† <i>Macropora mawatariorum</i>	Bryozoa: Cheilostomata:	JAPAN: Kanagawa Prefecture*
Gordon, Dennis P.; Taylor, Paul D. (2008) Systematics of the bryozoan genus <i>Macropora</i> (Cheilostomata). <i>Zoological Journal of the Linnean Society</i> 153(1):115-146	† <i>Macropora mawatariorum</i>	Bryozoa: Cheilostomata:	JAPAN: Ōita Prefecture*
Gordon, Dennis P.; Taylor, Paul D. (2008) Systematics of the bryozoan genus <i>Macropora</i> (Cheilostomata). <i>Zoological Journal of the Linnean Society</i> 153(1):115-146	† <i>Macropora pittensis</i>	Bryozoa: Cheilostomata:	NEW ZEALAND: Chatham Islands* (Pitt Island)
Gordon, Dennis P.; Taylor, Paul D. (2008) Systematics of the bryozoan genus <i>Macropora</i> (Cheilostomata). <i>Zoological Journal of the Linnean Society</i> 153(1):115-146	† <i>Macropora septispinosa</i>	Bryozoa: Cheilostomata:	NEW ZEALAND: South Island* (Canterbury Region)

Gordon, Dennis P.; Taylor, Paul D. (2008) Systematics of the bryozoan genus <i>Macropora</i> (Cheilostomata). Zoological Journal of the Linnean Society 153(1):115-146	† <i>Macropora septispinosa</i>	Bryozoa: Cheilostomata:	NEW ZEALAND: South Island* (Southland Region)
Gordon, Dennis P.; Taylor, Paul D. (2008) Systematics of the bryozoan genus <i>Macropora</i> (Cheilostomata). Zoological Journal of the Linnean Society 153(1):115-146	† <i>Macropora similis</i>	Bryozoa: Cheilostomata:	NEW ZEALAND: North Island* (Hawke's Bay Region)
Gorjunova, R.V.; Koromyslova, A.V. (2008) A new genus of the Arenigian bryozoans, <i>Lynnopora</i> , and its systematic position in the family Revalotrypidae Gorjunova, 1988. Paleontological Journal 42(5): 491-499 [Paleontologicheskii Zhurnal 2008(5): 37-44 (in Russian)]	† <i>Lynnopora lunata</i> Gorjunova & Koromyslova	Bryozoa: Cystoporida: Ceramoporina: Revalotrypidae	RUSSIA: Leningrad Oblast*
Gorjunova, R.V.; Koromyslova, A.V. (2008) A new genus of the Arenigian bryozoans, <i>Lynnopora</i> , and its systematic position in the family Revalotrypidae Gorjunova, 1988. Paleontological Journal 42(5): 491-499 [Paleontologicheskii Zhurnal 2008(5): 37-44 (in Russian)]	† <i>Revalotrypa krestensis</i> Koromyslova	Bryozoa: Revalotrypidae	RUSSIA: Leningrad Oblast*
Gorjunova, R.V.; Sedaeva, K.M. (2008) New bryozoan species from the stratotype section of the Upper Kazanian Substage. Paleontological Journal 42(4): 350-362 [Paleontologicheskii Zhurnal 2008(4): 19-30 (in Russian)]	† <i>Alternifenestella esaulovae</i> Gorjunova & Sedaeva	Bryozoa: Fenestrellida: Fenestrellidae	RUSSIA: Tartarstan Republic*
Gorjunova, R.V.; Sedaeva, K.M. (2008) New bryozoan species from the stratotype section of the Upper Kazanian Substage. Paleontological Journal 42(4): 350-362 [Paleontologicheskii Zhurnal 2008(4): 19-30 (in Russian)]	† <i>Permopora volgensis</i> Gorjunova & Sedaeva	Bryozoa: Trepostomida: Eridotrypidae	RUSSIA: Tartarstan Republic*
Gorjunova, R.V.; Sedaeva, K.M. (2008) New bryozoan species from the stratotype section of the Upper Kazanian Substage. Paleontological Journal 42(4): 350-362 [Paleontologicheskii Zhurnal 2008(4): 19-30 (in Russian)]	† <i>Stellahexaformis burovi</i> Gorjunova & Sedaeva	Bryozoa: Trepostomida: Stenoporidae	RUSSIA: Tartarstan Republic*
Gorjunova, R.V.; Sedaeva, K.M. (2008) New bryozoan species from the stratotype section of the Upper Kazanian Substage. Paleontological Journal 42(4): 350-362 [Paleontologicheskii Zhurnal 2008(4): 19-30 (in Russian)]	† <i>Wjatella definita</i> Gorjunova & Sedaeva	Bryozoa: Fenestrellida: Hemitrypidae	RUSSIA: Tartarstan Republic*
Gratshev, V.G.; Perkovsky, E.E. (2008) New species of the genus <i>Glaesotropis</i> (Insecta: Coleoptera: Anthribidae) from Rovno amber. Paleontological Journal 42(1): 60-62 [Paleontologicheskii Zhurnal 2008(1): 62-64 (in Russian)]	† <i>Glaesotropis diadasashai</i> Gratshev & Perkovsky	Coleoptera: Anthribidae	UKRAINE: Rivne Oblast*
Grey, Melissa; Haggart, James W.; Smith, Paul L. (2008) A new species of <i>Buchia</i> (Bivalvia: Buchiidae) from British Columbia, Canada, with an analysis of buchiid bipolarity. Journal of Paleontology 82(2): 391-397	† <i>Buchia columbiana</i>	Mollusca: Bivalvia: Pterioda: Buchiidae	CANADA: British Columbia*
Grey, Melissa; Haggart, James W.; Smith, Paul L. (2008) A new species of <i>Buchia</i> (Bivalvia: Buchiidae) from British Columbia, Canada, with an analysis of buchiid bipolarity. Journal of Paleontology 82(2): 391-397	† <i>Buchia columbiana</i>	Mollusca: Bivalvia: Pterioda: Buchiidae	CANADA: Yukon Territory*
Grey, Melissa; Haggart, James W.; Smith, Paul L. (2008) A new species of <i>Buchia</i> (Bivalvia: Buchiidae) from British Columbia, Canada, with an analysis of buchiid bipolarity. Journal of Paleontology 82(2): 391-397	† <i>Buchia columbiana</i>	Mollusca: Bivalvia: Pterioda: Buchiidae	USA: California: NA* ("northern")

Grey, Melissa; Haggart, James W.; Smith, Paul L. (2008) A new species of <i>Buchia</i> (Bivalvia: Buchiidae) from British Columbia, Canada, with an analysis of buchiid bipolarity. <i>Journal of Paleontology</i> 82(2): 391-397	† <i>Buchia columbiana</i>	Mollusca: Bivalvia: Pterioidea: Buchiidae	USA: Washington: NA* ("northwest")
Griffin, Miguel; Parras, Ana; Casadío, Silvio (2008) Late Maastrichtian-Danian mytilids and pinnids (Mollusca: Bivalvia) from northern Patagonia, Argentina. <i>Ameghiniana</i> 45(1): 139-152	† <i>Gregariella amara</i>	Mollusca: Bivalvia: Mytilidae	ARGENTINA: La Pampa*
Griffin, Miguel; Parras, Ana; Casadío, Silvio (2008) Late Maastrichtian-Danian mytilids and pinnids (Mollusca: Bivalvia) from northern Patagonia, Argentina. <i>Ameghiniana</i> 45(1): 139-152	† <i>Gregariella amara</i>	Mollusca: Bivalvia: Mytilidae	ARGENTINA: Mendoza*
Griffin, Miguel; Parras, Ana; Casadío, Silvio (2008) Late Maastrichtian-Danian mytilids and pinnids (Mollusca: Bivalvia) from northern Patagonia, Argentina. <i>Ameghiniana</i> 45(1): 139-152	† <i>Gregariella amara</i>	Mollusca: Bivalvia: Mytilidae	ARGENTINA: Río Negro*
Griffin, Miguel; Parras, Ana; Casadío, Silvio (2008) Late Maastrichtian-Danian mytilids and pinnids (Mollusca: Bivalvia) from northern Patagonia, Argentina. <i>Ameghiniana</i> 45(1): 139-152	† <i>Mytilaster? edseli</i>	Mollusca: Bivalvia: Mytilidae	ARGENTINA: Mendoza*
Griffin, Miguel; Parras, Ana; Casadío, Silvio (2008) Late Maastrichtian-Danian mytilids and pinnids (Mollusca: Bivalvia) from northern Patagonia, Argentina. <i>Ameghiniana</i> 45(1): 139-152	† <i>Plesiopinna pampeana</i>	Mollusca: Bivalvia: Pinnidae	ARGENTINA: La Pampa*
Griffin, Miguel; Parras, Ana; Casadío, Silvio (2008) Late Maastrichtian-Danian mytilids and pinnids (Mollusca: Bivalvia) from northern Patagonia, Argentina. <i>Ameghiniana</i> 45(1): 139-152	† <i>Septifer mayai</i>	Mollusca: Bivalvia: Mytilidae	ARGENTINA: La Pampa*
Griffin, Miguel; Parras, Ana; Casadío, Silvio (2008) Late Maastrichtian-Danian mytilids and pinnids (Mollusca: Bivalvia) from northern Patagonia, Argentina. <i>Ameghiniana</i> 45(1): 139-152	† <i>Septifer mayai</i>	Mollusca: Bivalvia: Mytilidae	ARGENTINA: Mendoza*
Grimaldi, David A. (2008) A stalk-eyed ephydroid fly from the Eocene (Diptera: Ephydroidea: Camillidae). <i>Proceedings of the Entomological Society of Washington</i> 110(3): 543-550	† <i>Protocamilla groehni</i> Grimaldi	Diptera: Camillidae	("Baltic amber")
Grimaldi, David A.; Engel, Michael S. (2008) A termite bug in Early Miocene amber of the Dominican Republic (Hemiptera: Termitaphididae). <i>American Museum Novitates</i> 3619: 1-10	† <i>Termitaradus avitinquilinus</i>	Hemiptera: Termitaphididae	DOMINICAN REPUBLIC: ("Dominican amber")
Grimaldi, David A.; Engel, Michael S. (2008) An unusual, primitive Piesmatidae (Insecta: Heteroptera) in Cretaceous amber from Myanmar (Burma). <i>American Museum Novitates</i> 3611: 1-17	† <i>Cretopiesma suukyiae</i>	Hemiptera: Piesmatidae	MYANMAR: Kachin*
Grimaldi, David A.; Engel, Michael S.; Krishna, Kumar (2008) The species of Isoptera (Insecta) from the Early Cretaceous Crato Formation: A revision. <i>American Museum Novitates</i> 3626: 1-30	† <i>Meiatermes hariolus</i> Grimaldi	Isoptera: fam. indet.	BRAZIL: Ceará*
Grimaldi, David; Arillo Antonio (2008) The Tethepomyiidae, a new family of enigmatic Cretaceous Diptera. <i>Alavesia</i> 2: 259-265	† <i>Tethepomima holomma</i>	Diptera: Tethepomyidae	SPAIN: Álava Province*
Grimaldi, David; Arillo Antonio (2008) The Tethepomyiidae, a new family of enigmatic Cretaceous Diptera. <i>Alavesia</i> 2: 259-265	† <i>Tethepomyia buruhandi</i>	Diptera: Tethepomyidae	SPAIN: Álava Province*

Grimsson, Friðgeir; Denk, Thomas; Zetter, Reinhard (2008) Pollen, fruits, and leaves of <i>Tetracentron</i> (Trochodendraceae) from the Cainozoic of Iceland and western North America and their palaeobiogeographic implications. Grana 47(1): 1-14	† <i>Tetracentron atlanticum</i>	Angiospermae: Trochodendraceae	ICELAND: (Botn)
Grimsson, Friðgeir; Denk, Thomas; Zetter, Reinhard (2008) Pollen, fruits, and leaves of <i>Tetracentron</i> (Trochodendraceae) from the Cainozoic of Iceland and western North America and their palaeobiogeographic implications. Grana 47(1): 1-14	† <i>Tetracentron atlanticum</i>	Angiospermae: Trochodendraceae	ICELAND: (Brekkuá outcrop, near lake Hreðavatn)
Grimsson, Friðgeir; Denk, Thomas; Zetter, Reinhard (2008) Pollen, fruits, and leaves of <i>Tetracentron</i> (Trochodendraceae) from the Cainozoic of Iceland and western North America and their palaeobiogeographic implications. Grana 47(1): 1-14	† <i>Tetracentron atlanticum</i>	Angiospermae: Trochodendraceae	ICELAND: (Hestabrekкусund)
Grimsson, Friðgeir; Denk, Thomas; Zetter, Reinhard (2008) Pollen, fruits, and leaves of <i>Tetracentron</i> (Trochodendraceae) from the Cainozoic of Iceland and western North America and their palaeobiogeographic implications. Grana 47(1): 1-14	† <i>Tetracentron atlanticum</i>	Angiospermae: Trochodendraceae	ICELAND: (Miðdalur)
Grimsson, Friðgeir; Denk, Thomas; Zetter, Reinhard (2008) Pollen, fruits, and leaves of <i>Tetracentron</i> (Trochodendraceae) from the Cainozoic of Iceland and western North America and their palaeobiogeographic implications. Grana 47(1): 1-14	† <i>Tetracentron atlanticum</i>	Angiospermae: Trochodendraceae	ICELAND: (Surtarbrandsgil)
Grimsson, Friðgeir; Denk, Thomas; Zetter, Reinhard (2008) Pollen, fruits, and leaves of <i>Tetracentron</i> (Trochodendraceae) from the Cainozoic of Iceland and western North America and their palaeobiogeographic implications. Grana 47(1): 1-14	† <i>Tetracentron atlanticum</i>	Angiospermae: Trochodendraceae	ICELAND: (Þrimildalur)
Grogan, Eileen D.; Lund, Richard (2008) A basal elasmobranch, <i>Thrinacoselache gracia</i> n. gen. et sp. (Thrinacodontidae, new family) from the Bear Gulch Limestone, Serpukhovian of Montana, USA. Journal of Vertebrate Paleontology 28(4): 970-988	† <i>Thrinacoselache gracia</i>	Chondrichthyes: Elasmobranchii: Thrinacodontidae	USA: Montana: Fergus County*
Gross, Martin (2008) A limnic ostracod fauna from the surroundings of the Central Paratethys (Late Middle Miocene/Early Late Miocene; Styrian Basin; Austria). Palaeogeography, Palaeoclimatology, Palaeoecology 264(3-4): 263-276	† <i>Candona (Camptocypria) gratkornensis</i>	Crustacea: Ostracoda: Candonidae	AUSTRIA: Styria*
Gross, Martin; Minati, Klaus; Danielopol, Dan L.; Piller, Werner E. (2008) Environmental changes and diversification of <i>Cyprideis</i> in the Late Miocene of the Styrian Basin (Lake Pannon, Austria). Senckenbergia Lethaea 88(1): 161-181	† <i>Cyprideis kapfensteinensis</i> Gross	Crustacea: Ostracoda: Cytherideidae	AUSTRIA: Styria*
Gross, Martin; Minati, Klaus; Danielopol, Dan L.; Piller, Werner E. (2008) Environmental changes and diversification of <i>Cyprideis</i> in the Late Miocene of the Styrian Basin (Lake Pannon, Austria). Senckenbergia Lethaea 88(1): 161-181	† <i>Cyprideis mataschensis</i> Gross	Crustacea: Ostracoda: Cytherideidae	AUSTRIA: Styria*
Guasti, Elisa; Speijer, Robert P. (2008) <i>Acarinina multicamerata</i> n.sp. (Foraminifera): A new marker for the Paleocene-Eocene thermal maximum. Journal of Micropalaeontology 27(1): 5-12	† <i>Acarinina multicamerata</i>	Foraminifera: Globigerinida: Truncorotaloididae	EGYPT: Port Said Governorate* (Red Sea coast, Gebel Duwi, Al-Qusair / El Quseir)
Guerstein, G.R.; Guler, M.V.; Williams, G.L.; Fensome, R.A.; Chiesa, J.O. (2008) Middle Paleogene dinoflagellate cysts from Tierra del Fuego, Argentina: Biostratigraphy and palaeoenvironments. Journal of Micropalaeontology 27(1): 75-94	† <i>Spiniferites scalenus</i>	Archaeplastida: Myzozoa: Dinophyceae: Brachysiraceae	ARGENTINA: Tierra del Fuego*

Guinot, Danièle; de Angeli, Antonio; Garassino, Alessandro (2008) Marocarcinidae, a new eubrachyuran family, and <i>Marocarcinus pasinii</i> n.gen., n.sp. from the Upper Cretaceous (Cenomanian-Turonian) of Gara Sbaa, southeastern Morocco (Crustacea, Decapoda, Brachyura). Atti della Società Italiana di Scienze Naturali e del Museo Civico di Storia Naturale in Milano 149(1): 25-36	† <i>Marocarcinus pasinii</i>	Crustacea: Brachyura: Eubrachyura: Heterotremata: Marocarcinidae	MOROCCO: Meknès-Tafilalet Region*
Gunnell, Gregg F.; Gingerich, Philip D.; Ul-Haq, Munir; Bloch, Jonathan I.; Khan, Intizar H.; Clyde, William C. (2008) New primates (Mammalia) from the Early and Middle Eocene of Pakistan and their palobiogeographical implications. Contributions from the Museum of Paleontology, University of Michigan 32(1): 1-14	† <i>Indusius kaliae</i>	Mammalia: Primates: Omomyidae	PAKISTAN: Balochistan Province*
Gunnell, Gregg F.; Gingerich, Philip D.; Ul-Haq, Munir; Bloch, Jonathan I.; Khan, Intizar H.; Clyde, William C. (2008) New primates (Mammalia) from the Early and Middle Eocene of Pakistan and their palobiogeographical implications. Contributions from the Museum of Paleontology, University of Michigan 32(1): 1-14	† <i>Panobius amplior</i>	Mammalia: Primates: Notharctidae	PAKISTAN: North-West Frontier Province*
Gunnell, Gregg F.; Gingerich, Philip D.; Ul-Haq, Munir; Bloch, Jonathan I.; Khan, Intizar H.; Clyde, William C. (2008) New primates (Mammalia) from the Early and Middle Eocene of Pakistan and their palobiogeographical implications. Contributions from the Museum of Paleontology, University of Michigan 32(1): 1-14	† <i>Panobius russelli</i>	Mammalia: Primates: Notharctidae	PAKISTAN: Balochistan Province*
Gunnell, Gregg F.; Gingerich, Philip D.; Ul-Haq, Munir; Bloch, Jonathan I.; Khan, Intizar H.; Clyde, William C. (2008) New primates (Mammalia) from the Early and Middle Eocene of Pakistan and their palobiogeographical implications. Contributions from the Museum of Paleontology, University of Michigan 32(1): 1-14	† <i>Sulaimania arifi</i>	Mammalia: Primates: fam. indet.	PAKISTAN: Balochistan Province*
Gunnell, Gregg F.; Simons, Elwyn L.; Seiffert, Erik R. (2008) New bats (Mammalia: Chiroptera) from the Late Eocene and Early Oligocene, Fayum Depression, Egypt. Journal of Vertebrate Paleontology 28(1): 1-11	† <i>Dhofarella sigei</i>	Mammalia: Chiroptera: Emballonuridae	EGYPT: Faiyum Governorate*
Gunnell, Gregg F.; Simons, Elwyn L.; Seiffert, Erik R. (2008) New bats (Mammalia: Chiroptera) from the Late Eocene and Early Oligocene, Fayum Depression, Egypt. Journal of Vertebrate Paleontology 28(1): 1-11	† <i>Khonsunycteris aegypticus</i>	Mammalia: Chiroptera: Vespertilionidae	EGYPT: Faiyum Governorate*
Gunnell, Gregg F.; Simons, Elwyn L.; Seiffert, Erik R. (2008) New bats (Mammalia: Chiroptera) from the Late Eocene and Early Oligocene, Fayum Depression, Egypt. Journal of Vertebrate Paleontology 28(1): 1-11	† <i>Qarunycteris moerisae</i>	Mammalia: Chiroptera: Rhinopomatidae	EGYPT: Faiyum Governorate*
Gunnell, Gregg F.; Simons, Elwyn L.; Seiffert, Erik R. (2008) New bats (Mammalia: Chiroptera) from the Late Eocene and Early Oligocene, Fayum Depression, Egypt. Journal of Vertebrate Paleontology 28(1): 1-11	† <i>Saharaderma pseudovampyrus</i>	Mammalia: Chiroptera: Megadermatidae	EGYPT: Faiyum Governorate*
Gunnell, Gregg F.; Simons, Elwyn L.; Seiffert, Erik R. (2008) New bats (Mammalia: Chiroptera) from the Late Eocene and Early Oligocene, Fayum Depression, Egypt. Journal of Vertebrate Paleontology 28(1): 1-11	† <i>Witwatia eremicus</i>	Mammalia: Chiroptera: Philisidae	EGYPT: Faiyum Governorate*
Gunnell, Gregg F.; Simons, Elwyn L.; Seiffert, Erik R. (2008) New bats (Mammalia: Chiroptera) from the Late Eocene and Early Oligocene, Fayum Depression, Egypt. Journal of Vertebrate Paleontology 28(1): 1-11	† <i>Witwatia schlosseri</i>	Mammalia: Chiroptera: Philisidae	EGYPT: Faiyum Governorate*
Hadler, Patrícia; Verzi, Diego H.; Vucetich, Maria Guiomar; Ferigolo, Jorge; Ribeiro, Ana Maria (2008) Caviomorphs (Mammalia, Rodentia) from the Holocene of Rio Grande do Sul State, Brazil: Systematics and paleoenvironmental context. Revista Brasileira de Paleontologia 11(2): 97-116	† <i>Clyomys riograndensis</i>	Mammalia: Rodentia: Hystricomorpha: Echimyidae	BRAZIL: Rio Grande do Sul State*

Hairapetian, Vachik; Blom, Henning; Miller, C. Giles (2008) Silurian thelodonts from the Niur Formation, central Iran. <i>Acta Palaeontologica Polonica</i> 53(1): 85-95	† <i>Niurolepis susanae</i>	Agnatha: Thelodonti: Phlebolepidiformes: Katoporodidae	IRAN: Yazd Province*
Hairapetian, Vachik; Ginter, Michał; Yazdi, Mehdi (2008) Early Frasnian sharks from central Iran. <i>Acta Geologica Polonica</i> 58(2): 173-179	† <i>Manberodus fortis</i>	Teleostei: Chondrichthyes: Aztecodontidae	IRAN: Isfahan*
Hamad, Abdalla Abu; Kerp, Hans; Vörding, Birgit; Bandel, Klaus (2008) A Late Permian flora with <i>Dicroidium</i> from the Dead Sea region, Jordan. <i>Review of Palaeobotany and Palynology</i> 149(3-4): 85-130	† <i>Dicroidium imensis</i> Abu Hamad & Kerp	Pteridospermae: Corystospermales: Corystospermaceae	JORDAN: (Wadi Himara, Dead Sea region)
Hamad, Abdalla Abu; Kerp, Hans; Vörding, Birgit; Bandel, Klaus (2008) A Late Permian flora with <i>Dicroidium</i> from the Dead Sea region, Jordan. <i>Review of Palaeobotany and Palynology</i> 149(3-4): 85-130	† <i>Dicroidium jordanensis</i> Abu Hamad & Kerp	Pteridospermae: Corystospermales: Corystospermaceae	JORDAN: (Wadi Himara, Dead Sea region)
Hamad, Abdalla Abu; Kerp, Hans; Vörding, Birgit; Bandel, Klaus (2008) A Late Permian flora with <i>Dicroidium</i> from the Dead Sea region, Jordan. <i>Review of Palaeobotany and Palynology</i> 149(3-4): 85-130	† <i>Dicroidium robustum</i> Kerp & Vörding	Pteridospermae: Corystospermales: Corystospermaceae	JORDAN: (Wadi Himara, Dead Sea region)
Han, NaiRen; Chen, GuiYing (2008) New stylophorans (Echinodermata) from the Upper Cambrian of Guangxi, South China. <i>Science in China, Series D: Earth Sciences</i> 51(2): 181-186	† <i>Phyllocystis jingxiensis</i>	Echinodermata: Homalozoa: Stylophora: Cornuta: Cothurnocystidae	CHINA: Guangxi*
Hanke, Gavin F. (2008) <i>Promesacanthus eppleri</i> n. gen., n. sp., a mesacanthid (Acanthodii, Acanthodiformes) from the Lower Devonian of northern Canada. <i>Geodiversitas</i> 30(2): 287-302	† <i>Promesacanthus eppleri</i>	Vertebrata: Gnathostomata: Acanthodii: Acanthodiformes: Mesacanthidae	CANADA: Northwest Territories*
Hanta, Rattanaphorn; Ratanasthien, Benjavun; Kunimatsu, Yutaka; Saegusa, Haruo; Nakaya, Hideo; Nagaoka, Shinji; Jintasakul, Pratueng (2008) A new species of Bothriodontinae, <i>Merycopotamus thachangensis</i> (Cetartiodactyla, Anthracotheriidae) from the Late Miocene of Nakhon Ratchasima, northeastern Thailand. <i>Journal of Vertebrate Paleontology</i> 28(4): 1182-1188	† <i>Merycopotamus thachangensis</i>	Mammalia: Cetartiodactyla: Anthracotheriidae	THAILAND: Nakhon Ratchasima Province*
Harzhauser, Mathias; Gross, Martin; Binder, Herbert (2008) Biostratigraphy of Middle Miocene (Sarmatian) wetland systems in an Eastern Alpine intramontane basin (Gratkorn Basin, Austria): The terrestrial gastropod approach. <i>Geologica Carpathica</i> 59(1): 45-58	† <i>Pleurodonte michalkovaci</i> Binder & Harzhauser	Mollusca: Gastropoda: Clausiliidae	AUSTRIA: Styria*
Harzhauser, Mathias; Gross, Martin; Binder, Herbert (2008) Biostratigraphy of Middle Miocene (Sarmatian) wetland systems in an Eastern Alpine intramontane basin (Gratkorn Basin, Austria): The terrestrial gastropod approach. <i>Geologica Carpathica</i> 59(1): 45-58	† <i>Pseudidyla martingrossi</i> Harzhauser & Binder	Mollusca: Gastropoda: Clausiliidae	AUSTRIA: Styria*
Harzhauser, Mathias; Mandic, Oleg; Piller, Werner E.; Reuter, Markus; Kroh, Andreas (2008) Tracing back the origin of the Indo-Pacific mollusc fauna: Basal Tridacninae from the Oligocene and Miocene of the Sultanate of Oman. <i>Palaeontology</i> 51(1):199-213	† <i>Omanidacna eos</i> Harzhauser & Mandic	Mollusca: Bivalvia: Veneroida: Cardiidae	OMAN: ("Gebel Mandrakah, near Ra's Mandrakah")

Harzhauser, Mathias; Mandic, Oleg; Piller, Werner E.; Reuter, Markus; Kroh, Andreas (2008) Tracing back the origin of the Indo-Pacific mollusc fauna: Basal Tridacninae from the Oligocene and Miocene of the Sultanate of Oman. <i>Palaeontology</i> 51(1):199-213	† <i>Tridacna evae</i> Harzhauser & Mandic	Mollusca: Bivalvia: Veneroida: Cardiidae	OMAN: ("Gebel Mandrakah, near Ra's Mandrakah")
Háva, Jiří (2008) <i>Globicornis rakovici</i> n.sp., a new fossil species (Coleoptera: Dermestidae: Megatomini) from Baltic amber. <i>Alavesia</i> 2: 3-5	† <i>Globicornis rakovici</i>	Coleoptera: Dermestidae	RUSSIA: Kaliningrad District*
He, Tao; Wang, Xiao-Lin; Zhou, Zhong-He (2008) A new genus and species of caudipterid dinosaur from the Lower Cretaceous Jiufotang Formation of Western Liaoning, China. <i>Vertebrata Palasiatica</i> 46(3): 178-189	† <i>Similicaudipteryx yixianensis</i>	Dinosauria: Theropoda: Caudipteridae	CHINA: Liaoning*
He, Weihong; Shi, G.R.; Bu, Jianjun; Niu, Zhijun (2008) A new brachiopod fauna from the Early to Middle Permian of southern Qinghai Province, northwest China. <i>Journal of Paleontology</i> 82(4): 811-822	† <i>Spinomarginifera concentrica</i> He & Shi	Brachiopoda: Productida: Froductellidae	CHINA: Qinghai*
He, Weihong; Shi, G.R.; Bu, Jianjun; Niu, Zhijun (2008) A new brachiopod fauna from the Early to Middle Permian of southern Qinghai Province, northwest China. <i>Journal of Paleontology</i> 82(4): 811-822	† <i>Transennatia waterhousei</i> He & Shi	Brachiopoda: Productida: Froductellidae	CHINA: Qinghai*
He, Weihong; Shi, G.R.; Gao, Yongqun; Peng, Yuanqiao; Zhang, Yang (2008) A new Early Triassic microgastropod fauna from the Zhongzhai section, Guizhou, southwestern China. <i>Proceedings of the Royal Society of Victoria</i> 120(1): 157-166	† <i>Polygyrina zhongzhaiensis</i>	Mollusca: Gastropoda: Caenogastropoda: Polygyrinidae	CHINA: Guizhou*
He, X.-Y.; Wang, S.-J.; Hilton, J.; Tian, B.-L.; Zhou, Y.-L. (2008) Anatomically preserved marattialeen plants from the Upper Permian of southwestern China: The trunk of <i>Psaronius panxianensis</i> sp. nov. <i>Plant Systematics and Evolution</i> 272(1-4): 155-180	† <i>Psaronius panxianensis</i> He, Wang, Hilton, Tian & Zhou	Pteridophyta: Marattiopsida: Marattiales: Psaroniaceae	CHINA: Guizhou*
Heads, Sam W. (2008) A new species of <i>Yuripopovia</i> (Coleorrhyncha: Progonocimicidae) from the Early Cretaceous of the Isle of Wight. <i>British Journal of Entomology and Natural History</i> 21(4):247-253	† <i>Yuripopovia vectense</i>	Hemiptera: Coleorrhyncha: Progonocimicidae	ENGLAND: Isle of Wight*
Heads, Sam W. (2008) The first fossil Proscopiidae (Insecta, Orthoptera, Eumastacoidea) with comments on the historical biogeography and evolution of the family. <i>Palaeontology</i> 51(2):499-507	† <i>Eoproscopia martilli</i>	Orthoptera: Caelifera: Eumastacoidea: Proscopiidae	BRAZIL: Ceará*
Heckert, Andrew B.; Lucas, Spencer G.; Rinehart, Larry F.; Hunt, Adrian P. (2008) A new genus and species of Sphenodontian from the Ghost Ranch <i>Coelophysis</i> Quarry (Upper Triassic: Apachean), Rock Point Formation, New Mexico, USA. <i>Palaeontology</i> 51(4):827-845	† <i>Whitakersaurus bermani</i>	Sauropsida: Diapsida: Lepidosauria : Rhynchocephalia: Sphenodontia: fam. indet.	USA: New Mexico: Rio Arriba County*
Heinrich, Ronald E.; Strait, Suzanne G.; Houde, Peter (2008) Earliest Eocene Miacidae (Mammalia: Carnivora) from northwestern Wyoming. <i>Journal of Paleontology</i> 82(1): 154-162	† <i>Miacis rosei</i>	Mammalia: Carnivora: Miacidae	USA: Wyoming: Washake County*
Heinrich, Ronald E.; Strait, Suzanne G.; Houde, Peter (2008) Earliest Eocene Miacidae (Mammalia: Carnivora) from northwestern Wyoming. <i>Journal of Paleontology</i> 82(1): 154-162	† <i>Uintacyon gingerichi</i>	Mammalia: Carnivora: Miacidae	USA: Wyoming: Washake County*

Heinrich, Ronald E.; Strait, Suzanne G.; Houde, Peter (2008) Earliest Eocene Miacidae (Mammalia: Carnivora) from northwestern Wyoming. <i>Journal of Paleontology</i> 82(1): 154-162	† <i>Vassacyon boweni</i>	Mammalia: Carnivora: Miacidae	USA: Wyoming: Washake County*
Heiss, Ernst (2008) <i>Paleocader serafini</i> sp.n., eine neue Cantacaderinae aus Baltischen Bernstein (Heteroptera, Tingidae). <i>Zeitschrift der Arbeitsgemeinschaft Österreichischer Entomologen</i> 60(3-4): 133-138	† <i>Paleocader serafini</i>	Hemiptera: Tingidae	("Baltic amber")
Hembree, Daniel I.; Hasiotis, Stephen T. (2008) Miocene vertebrate and invertebrate burrows defining compound paleosols in the Pawnee Creek Formation, Colorado, U.S.A. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> 270(3-4): 349-365	† <i>Beaconites knestosichnus</i> isp.n.	Ichnospecies	USA: Colorado: Logan County*
Hembree, Daniel I.; Hasiotis, Stephen T. (2008) Miocene vertebrate and invertebrate burrows defining compound paleosols in the Pawnee Creek Formation, Colorado, U.S.A. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> 270(3-4): 349-365	† <i>Beaconites kyotosichnus</i> isp.n.	Ichnospecies	USA: Colorado: Logan County*
Hembree, Daniel I.; Hasiotis, Stephen T. (2008) Miocene vertebrate and invertebrate burrows defining compound paleosols in the Pawnee Creek Formation, Colorado, U.S.A. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> 270(3-4): 349-365	† <i>Diamonelix petalichnus</i> isp.n.	Ichnospecies	USA: Colorado: Logan County*
Hembree, Daniel I.; Hasiotis, Stephen T. (2008) Miocene vertebrate and invertebrate burrows defining compound paleosols in the Pawnee Creek Formation, Colorado, U.S.A. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> 270(3-4): 349-365	† <i>Katarrhedrites athesphatichnus</i> isp.n.	Ichnospecies	USA: Colorado: Logan County*
Hembree, Daniel I.; Hasiotis, Stephen T. (2008) Miocene vertebrate and invertebrate burrows defining compound paleosols in the Pawnee Creek Formation, Colorado, U.S.A. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> 270(3-4): 349-365	† <i>Katarrhedrites atyphichnus</i> isp.n.	Ichnospecies	USA: Colorado: Logan County*
Hembree, Daniel I.; Hasiotis, Stephen T. (2008) Miocene vertebrate and invertebrate burrows defining compound paleosols in the Pawnee Creek Formation, Colorado, U.S.A. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> 270(3-4): 349-365	† <i>Kladosystemites homocylindrichnus</i> isp.n.	Ichnospecies	USA: Colorado: Logan County*
Hembree, Daniel I.; Hasiotis, Stephen T. (2008) Miocene vertebrate and invertebrate burrows defining compound paleosols in the Pawnee Creek Formation, Colorado, U.S.A. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> 270(3-4): 349-365	† <i>Parowanichnus perirhizaterion</i> isp.n.	Ichnospecies	USA: Colorado: Logan County*
Hembree, Daniel I.; Hasiotis, Stephen T. (2008) Miocene vertebrate and invertebrate burrows defining compound paleosols in the Pawnee Creek Formation, Colorado, U.S.A. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> 270(3-4): 349-365	† <i>Polychoredrites tetrachelichnus</i> isp.n.	Ichnospecies	USA: Colorado: Logan County*
Hendricks, Jonathan R. (2008) The genus <i>Conus</i> (Mollusca: Neogastropoda) in the Plio-Pleistocene of the southeastern United States. <i>Bulletins of American Paleontology</i> 375: 1-178	† <i>Conus burnetti</i>	Mollusca: Gastropoda: Conidae	USA: Florida: Collier County*
Hendricks, Jonathan R. (2008) The genus <i>Conus</i> (Mollusca: Neogastropoda) in the Plio-Pleistocene of the southeastern United States. <i>Bulletins of American Paleontology</i> 375: 1-178	† <i>Conus burnetti</i>	Mollusca: Gastropoda: Conidae	USA: Florida: Hendry County*
Hendricks, Jonathan R.; Portell, Roger W. (2008) Late Eocene <i>Conus</i> (Neogastropoda: Conidae) from Florida, USA. <i>Nautilus</i> 122(2): 79-93	† <i>Conus alleni</i>	Mollusca: Gastropoda: Conidae	USA: Florida: Lafayette County*
Hendricks, Jonathan R.; Portell, Roger W. (2008) Late Eocene <i>Conus</i> (Neogastropoda: Conidae) from Florida, USA. <i>Nautilus</i> 122(2): 79-93	† <i>Conus alleni</i>	Mollusca: Gastropoda: Conidae	USA: Florida: Suwannee County*

Hendricks, Jonathan R.; Portell, Roger W. (2008) Late Eocene <i>Conus</i> (Neogastropoda: Conidae) from Florida, USA. <i>Nautilus</i> 122(2): 79-93	† <i>Conus allenii</i>	Mollusca: Gastropoda: Conidae	USA: Louisiana: Grant Parish*
Hendricks, Jonathan R.; Portell, Roger W. (2008) Late Eocene <i>Conus</i> (Neogastropoda: Conidae) from Florida, USA. <i>Nautilus</i> 122(2): 79-93	† <i>Conus palmerae</i>	Mollusca: Gastropoda: Conidae	USA: Florida: Alachua County*
Hendricks, Jonathan R.; Portell, Roger W. (2008) Late Eocene <i>Conus</i> (Neogastropoda: Conidae) from Florida, USA. <i>Nautilus</i> 122(2): 79-93	† <i>Conus palmerae</i>	Mollusca: Gastropoda: Conidae	USA: Florida: Laffayette County*
Hendricks, Jonathan R.; Portell, Roger W. (2008) Late Eocene <i>Conus</i> (Neogastropoda: Conidae) from Florida, USA. <i>Nautilus</i> 122(2): 79-93	† <i>Conus palmerae</i>	Mollusca: Gastropoda: Conidae	USA: Florida: Levy County*
Herman, A.B. (2008) Valid publication of <i>Trochodendroides notabilis</i> Herman (Angiosperms). <i>Paleontological Journal</i> 42(1): 100-101 [Paleontologicheskii Zhurnal 2008(1): 103-104 (in Russian)]	† <i>Trochodendroides notabilis</i> Herman	Angiospermae:	RUSSIA: Kamchatka Krai*
Hermann, T.N.; Podkovyrov, V.N. (2008) On the nature of the Precambrian microfossils <i>Arctacellularia</i> and <i>Glomovertella</i> . <i>Paleontological Journal</i> 42(6): 655-664 [Paleontologicheskii Zhurnal 2008(6): 81-88 (in Russian)]	† <i>Glomovertella miroedikhia</i> Hermann	Fungi: Ascomycota: ?	RUSSIA: Krasnoyarsk Krai*
Hernick, Linda VanAller; Landing, Ed; Bartowski, Kenneth E. (2008) Earth's oldest liverworts: <i>Metzgeriothallus sharonae</i> sp. nov. from the Middle Devonian (Givetian) of eastern New York, USA. <i>Review of Palaeobotany and Palynology</i> 148(2-4): 154-162	† <i>Metzgeriothallus sharonae</i>	Marchantiophyta: Jungermanniopsida: Metzgeriales: Metzgeriidae	USA: New York: Albany County*
Hernick, Linda VanAller; Landing, Ed; Bartowski, Kenneth E. (2008) Earth's oldest liverworts: <i>Metzgeriothallus sharonae</i> sp. nov. from the Middle Devonian (Givetian) of eastern New York, USA. <i>Review of Palaeobotany and Palynology</i> 148(2-4): 154-162	† <i>Metzgeriothallus sharonae</i>	Marchantiophyta: Jungermanniopsida: Metzgeriales: Metzgeriidae	USA: New York: Greene County*
Herrera, Fabiany A.; Jaramillo, Carlos A.; Dilcher, David L.; Wing, Scott L.; Gómez-N., Carolina (2008) Fossil Araceae from a Paleocene neotropical rainforest in Colombia. <i>American Journal of Botany</i> 95(12): 1569-1583	† <i>Montrichardia aquatica</i> Herrera, Jaramillo, Dilcher, Wing & Gómez-N.	Angiospermae: Araceae	COLOMBIA: La Guajira Department*
Herrera, Fabiany A.; Jaramillo, Carlos A.; Dilcher, David L.; Wing, Scott L.; Gómez-N., Carolina (2008) Fossil Araceae from a Paleocene neotropical rainforest in Colombia. <i>American Journal of Botany</i> 95(12): 1569-1583	† <i>Petrocardium cerrejonense</i> Herrera, Jaramillo, Dilcher, Wing & Gómez-N.	Angiospermae: Araceae	COLOMBIA: La Guajira Department*
Herrera, Fabiany A.; Jaramillo, Carlos A.; Dilcher, David L.; Wing, Scott L.; Gómez-N., Carolina (2008) Fossil Araceae from a Paleocene neotropical rainforest in Colombia. <i>American Journal of Botany</i> 95(12): 1569-1583	† <i>Petrocardium wayuorum</i> Herrera, Jaramillo, Dilcher, Wing & Gómez-N.	Angiospermae: Araceae	COLOMBIA: La Guajira Department*
Herrera-Cubilla, Amalia; Dick, Matthew H.; Sanner, Joann; Jackson, Jeremy B.C. (2008) Neogene Cupuladriidae of tropical America. II. Taxonomy of recent <i>Discoporella</i> from opposite sides of the Isthmus of Panama. <i>Journal of Paleontology</i> 82(2): 279-298	† <i>Discoporella bocasdeltoroensis</i>	Bryozoa: Gymnolaemata: Cheilostomata: Cupuladriidae	PANAMA: (former "Canal Zone")

Herrera-Cubilla, Amalia; Dick, Matthew H.; Sanner, Joann; Jackson, Jeremy B.C. (2008) Neogene Cupuladriidae of tropical America. II. Taxonomy of recent <i>Discoporella</i> from opposite sides of the Isthmus of Panama. Journal of Paleontology 82(2): 279-298	† <i>Discoporella bocasdeltoroensis</i>	Bryozoa: Gymnolaemata: Cheilostomata: Cupuladriidae	PANAMA: Bocas del Toro*
Herrera-Cubilla, Amalia; Dick, Matthew H.; Sanner, Joann; Jackson, Jeremy B.C. (2008) Neogene Cupuladriidae of tropical America. II. Taxonomy of recent <i>Discoporella</i> from opposite sides of the Isthmus of Panama. Journal of Paleontology 82(2): 279-298	† <i>Discoporella cookae</i>	Bryozoa: Gymnolaemata: Cheilostomata: Cupuladriidae	PANAMA (offshore)
Herrera-Cubilla, Amalia; Dick, Matthew H.; Sanner, Joann; Jackson, Jeremy B.C. (2008) Neogene Cupuladriidae of tropical America. II. Taxonomy of recent <i>Discoporella</i> from opposite sides of the Isthmus of Panama. Journal of Paleontology 82(2): 279-298	† <i>Discoporella marcusorum</i>	Bryozoa: Gymnolaemata: Cheilostomata: Cupuladriidae	PANAMA (offshore)
Herrera-Cubilla, Amalia; Dick, Matthew H.; Sanner, Joann; Jackson, Jeremy B.C. (2008) Neogene Cupuladriidae of tropical America. II. Taxonomy of recent <i>Discoporella</i> from opposite sides of the Isthmus of Panama. Journal of Paleontology 82(2): 279-298	† <i>Discoporella peltifera</i>	Bryozoa: Gymnolaemata: Cheilostomata: Cupuladriidae	PANAMA (offshore)
Herrera-Cubilla, Amalia; Dick, Matthew H.; Sanner, Joann; Jackson, Jeremy B.C. (2008) Neogene Cupuladriidae of tropical America. II. Taxonomy of recent <i>Discoporella</i> from opposite sides of the Isthmus of Panama. Journal of Paleontology 82(2): 279-298	† <i>Discoporella peltifera</i>	Bryozoa: Gymnolaemata: Cheilostomata: Cupuladriidae	PANAMA: Bocas del Toro*
Herrera-Cubilla, Amalia; Dick, Matthew H.; Sanner, Joann; Jackson, Jeremy B.C. (2008) Neogene Cupuladriidae of tropical America. II. Taxonomy of recent <i>Discoporella</i> from opposite sides of the Isthmus of Panama. Journal of Paleontology 82(2): 279-298	† <i>Discoporella scutella</i>	Bryozoa: Gymnolaemata: Cheilostomata: Cupuladriidae	PANAMA: Bocas del Toro*
Herrera-Cubilla, Amalia; Dick, Matthew H.; Sanner, Joann; Jackson, Jeremy B.C. (2008) Neogene Cupuladriidae of tropical America. II. Taxonomy of recent <i>Discoporella</i> from opposite sides of the Isthmus of Panama. Journal of Paleontology 82(2): 279-298	† <i>Discoporella scutella</i>	Bryozoa: Gymnolaemata: Cheilostomata: Cupuladriidae	PANAMA: Kuna Yala comarca*
Herrera-Cubilla, Amalia; Dick, Matthew H.; Sanner, Joann; Jackson, Jeremy B.C. (2008) Neogene Cupuladriidae of tropical America. II. Taxonomy of recent <i>Discoporella</i> from opposite sides of the Isthmus of Panama. Journal of Paleontology 82(2): 279-298	† <i>Discoporella terminata</i>	Bryozoa: Gymnolaemata: Cheilostomata: Cupuladriidae	PANAMA: Bocas del Toro*
Herrera-Cubilla, Amalia; Dick, Matthew H.; Sanner, Joann; Jackson, Jeremy B.C. (2008) Neogene Cupuladriidae of tropical America. II. Taxonomy of recent <i>Discoporella</i> from opposite sides of the Isthmus of Panama. Journal of Paleontology 82(2): 279-298	† <i>Discoporella terminata</i>	Bryozoa: Gymnolaemata: Cheilostomata: Cupuladriidae	PANAMA: Kuna Yala comarca*
Herrera-Cubilla, Amalia; Dick, Matthew H.; Sanner, Joann; Jackson, Jeremy B.C. (2008) Neogene Cupuladriidae of tropical America. II. Taxonomy of recent <i>Discoporella</i> from opposite sides of the Isthmus of Panama. Journal of Paleontology 82(2): 279-298	† <i>Discoporella triangula</i>	Bryozoa: Gymnolaemata: Cheilostomata: Cupuladriidae	PANAMA: Bocas del Toro*

Herrera-Cubilla, Amalia; Dick, Matthew H.; Sanner, Joann; Jackson, Jeremy B.C. (2008) Neogene Cupuladriidae of tropical America. II. Taxonomy of recent <i>Discoporella</i> from opposite sides of the Isthmus of Panama. Journal of Paleontology 82(2): 279-298	† <i>Discoporella triangula</i>	Bryozoa: Gymnolaemata: Cheilostomata: Cupuladriidae	PANAMA: Kuna Yala comarca*
Hess, Hans; Meyer, Christian A. (2008) A new ophiuroid (<i>Geocoma schoentalensis</i> sp. nov.) from the Middle Jurassic of northwestern Switzerland and remarks on the family Aplocomidae Hess 1965. Swiss Journal of Geosciences 101(1): 29-40	† <i>Geocoma schoentalensis</i>	Echinodermata: Asterozoa: Ophiuroidea: Aplocomidae	SWITZERLAND: Basel-Landschaft Canton*
Heuss, Klaus (2008) Zur Taxonomie und Ökologie der Schlammkäfer des Baltischen Bernsteins mit einem Gattungsschlüssel und der Beschreibung einer neuen Art (Coleoptera: Scirtidae). Entomologische Zeitschrift 118(3):131-134	† <i>Cyphon wichardi</i>	Coleoptera: Scirtidae	("Baltic amber")
Hikuroa, Dan; Grant-Mackie, Jack (2008) New species of Late Jurassic <i>Australobuchia</i> (Bivalvia) from the Murihiku Terrane, Port Waikato, Kawhia region, New Zealand. Alcheringa 32(1): 73-98	† <i>Australobuchia partimlirata</i>	Mollusca: Bivalvia: Buchiidae	NEW ZEALAND: Waikato Region*
Hikuroa, Dan; Grant-Mackie, Jack (2008) New species of Late Jurassic <i>Australobuchia</i> (Bivalvia) from the Murihiku Terrane, Port Waikato, Kawhia region, New Zealand. Alcheringa 32(1): 73-98	† <i>Australobuchia wherowhero</i>	Mollusca: Bivalvia: Buchiidae	NEW ZEALAND: Auckland Region*
Hill, Robert S.; Lewis, Tom; Carpenter, Raymond J.; Whang, Sung Soo (2008) <i>Agathis</i> (Araucariaceae) macrofossils from Cainozoic sediments in south-eastern Australia. Australian Systematic Botany 21(3): 162-177	† <i>Agathis brevigongylodes</i> R.S. Hill, T. Lewis, J.R.J. Carp. & S.S. Whang	Pinophyta: Pinales: Araucariaceae	AUSTRALIA: Tasmania*
Hill, Robert S.; Lewis, Tom; Carpenter, Raymond J.; Whang, Sung Soo (2008) <i>Agathis</i> (Araucariaceae) macrofossils from Cainozoic sediments in south-eastern Australia. Australian Systematic Botany 21(3): 162-177	† <i>Agathis vittatus</i> R.S. Hill, T. Lewis, J.R.J. Carp. & S.S. Whang	Pinophyta: Pinales: Araucariaceae	AUSTRALIA: New South Wales*
Hiller, Norton; MacKinnon, David I.; Nielsen, Sven N. (2008) A review of the systematics, biogeography, and evolutionary relationships of Recent and fossil brachiopods of the superfamily Kraussinoidea Dall, with descriptions of two new fossil species from New Zealand and Chile. Earth and Environmental Science Transactions of the Royal Society of Edinburgh 98(3-4): 379-390	† <i>Kraussina chilensis</i>	Brachiopoda: Kraussinidae	CHILE: Bio-Bio Region* (Arauco Province*)
Hiller, Norton; MacKinnon, David I.; Nielsen, Sven N. (2008) A review of the systematics, biogeography, and evolutionary relationships of Recent and fossil brachiopods of the superfamily Kraussinoidea Dall, with descriptions of two new fossil species from New Zealand and Chile. Earth and Environmental Science Transactions of the Royal Society of Edinburgh 98(3-4): 379-390	† <i>Megerlina miracula</i>	Brachiopoda: Kraussinidae	NEW ZEALAND: Northland*
Hiller, Norton; Robinson, Jeffrey H.; Lee, Daphne E. (2008) The micromorphic brachiopod <i>Argyrotheca</i> (Terebratulida: Megathyridoidea) in Australia and New Zealand. Proceedings of the Royal Society of Victoria 120(1): 167-183	† <i>Argyrotheca kupei</i>	Brachiopoda: Rhynchonellata: Terebratulida: Megathyrididae	NEW ZEALAND: Northland*

Hiller, Norton; Robinson, Jeffrey H.; Lee, Daphne E. (2008) The micromorphic brachiopod <i>Argyrotheca</i> (Terebratulida: Megathyridoidea) in Australia and New Zealand. Proceedings of the Royal Society of Victoria 120(1): 167-183	† <i>Argyrotheca oamarutica</i>	Brachiopoda: Rhynchonellata: Terebratulida: Megathyrididae	NEW ZEALAND: Otago*
Hiller, Norton; Robinson, Jeffrey H.; Lee, Daphne E. (2008) The micromorphic brachiopod <i>Argyrotheca</i> (Terebratulida: Megathyridoidea) in Australia and New Zealand. Proceedings of the Royal Society of Victoria 120(1): 167-183	† <i>Argyrotheca richardsonae</i>	Brachiopoda: Rhynchonellata: Terebratulida: Megathyrididae	AUSTRALIA: Victoria*
Hints, Linda; Harper, David A.T. (2008) The brachiopods <i>Alwynella</i> and <i>Gorudia</i> : Homeomorphic plectambonitoids in the Middle and Upper Ordovician of Baltoscandia. Earth and Environmental Science Transactions of the Royal Society of Edinburgh 98(3-4): 271-280	† <i>Gorudia morrisoni</i>	Brachiopoda: Gorudiidae	LATVIA
Hints, Olle (2008) <i>Kaljoprion</i> , a new enigmatic jawed polychaete genus from the Upper Ordovician of Estonia. Estonian Journal of Earth Sciences 57(4): 256-259	† <i>Kaljoprion laevaensis</i>	Annelida: Polychaeta: Eunicida: fam. indet.	ESTONIA: (ca 20 km NW from Tartu, Laeva-18 drill core)
Hitz, Ralph B.; Billet, Guillaume; Derryberry, Dewayne (2008) New Interatheres (Mammalia, Notoungulata) from the Late Oligocene Salla Beds of Bolivia. Journal of Paleontology 82(3): 447-469	† <i>Brucemacfaddenia boliviensis</i>	Mammalia: Notoungulata: Typotheria: Interatheriidae	BOLIVIA: La Paz*
Hitz, Ralph B.; Billet, Guillaume; Derryberry, Dewayne (2008) New Interatheres (Mammalia, Notoungulata) from the Late Oligocene Salla Beds of Bolivia. Journal of Paleontology 82(3): 447-469	† <i>Federicoanaya sallaensis</i>	Mammalia: Notoungulata: Typotheria: Interatheriidae	BOLIVIA: La Paz*
Hoare, Richard D. (2008) Pennsylvanian (Upper Carboniferous) Kloedenelloidea ostracodes from the Appalachian Basin. Revista Española de Micropaleontología 40(1-2): 59-76	† <i>Kendrickia asketos</i>	Crustacea: Ostracoda: fam. indet.	USA: Kentucky: Floyd County*
Hoare, Richard D. (2008) Pennsylvanian (Upper Carboniferous) Kloedenelloidea ostracodes from the Appalachian Basin. Revista Española de Micropaleontología 40(1-2): 59-76	† <i>Kendrickia asketos</i>	Crustacea: Ostracoda: fam. indet.	USA: Kentucky: Perry County*
Hoare, Richard D. (2008) Pennsylvanian (Upper Carboniferous) Kloedenelloidea ostracodes from the Appalachian Basin. Revista Española de Micropaleontología 40(1-2): 59-76	† <i>Oliganisus parallelus</i>	Crustacea: Ostracoda: Kloedenellidae	USA: Ohio: Hocking County*
Hoare, Richard D. (2008) Pennsylvanian (Upper Carboniferous) Kloedenelloidea ostracodes from the Appalachian Basin. Revista Española de Micropaleontología 40(1-2): 59-76	† <i>Oliganisus parallelus</i>	Crustacea: Ostracoda: Kloedenellidae	USA: Ohio: Vinton County*
Hoare, Richard D. (2008) Pennsylvanian (Upper Carboniferous) Kloedenelloidea ostracodes from the Appalachian Basin. Revista Española de Micropaleontología 40(1-2): 59-76	† <i>Sansabella exulta</i>	Crustacea: Ostracoda: Serenididae	USA: Kentucky: Floyd County*
Hoare, Richard D. (2008) Pennsylvanian (Upper Carboniferous) Kloedenelloidea ostracodes from the Appalachian Basin. Revista Española de Micropaleontología 40(1-2): 59-76	† <i>Sansabella matheri</i>	Crustacea: Ostracoda: Serenididae	USA: Kentucky: Perry County*

Hoare, Richard D. (2008) Pennsylvanian (Upper Carboniferous) Kloedenelloidea ostracodes from the Appalachian Basin. <i>Revista Española de Micropaleontología</i> 40(1-2): 59-76	† <i>Sansabella tumida</i>	Crustacea: Ostracoda: Serenididae	USA: Kentucky: Floyd County*
Hoare, Richard D. (2008) Pennsylvanian (Upper Carboniferous) Kloedenelloidea ostracodes from the Appalachian Basin. <i>Revista Española de Micropaleontología</i> 40(1-2): 59-76	† <i>Sansabella tumida</i>	Crustacea: Ostracoda: Serenididae	USA: Ohio: Tuscarawas County*
Hoare, Richard; Karasawa, Hiroaki (2008) Permian Polyplacophora (Mollusca) from the Akasaka Limestone, Gifu, Japan. <i>Paleontological Research</i> 12(4): 321-327	† <i>Aptochiton pustulosus</i>	Mollusca: Polyplacophora: Lepidopleurina: Gryphochitonidae	JAPAN: Gifu Prefecture*
Hoare, Richard; Karasawa, Hiroaki (2008) Permian Polyplacophora (Mollusca) from the Akasaka Limestone, Gifu, Japan. <i>Paleontological Research</i> 12(4): 321-327	† <i>Crassitudoichiton plakos</i>	Mollusca: Polyplacophora: Lepidopleurina: Crassitudoichitonidae	JAPAN: Gifu Prefecture*
Hoare, Richard; Karasawa, Hiroaki (2008) Permian Polyplacophora (Mollusca) from the Akasaka Limestone, Gifu, Japan. <i>Paleontological Research</i> 12(4): 321-327	† <i>Gifuochiton pentagonus</i>	Mollusca: Polyplacophora: Lepidopleurina: Leptochitonidae	JAPAN: Gifu Prefecture*
Hoare, Richard; Karasawa, Hiroaki (2008) Permian Polyplacophora (Mollusca) from the Akasaka Limestone, Gifu, Japan. <i>Paleontological Research</i> 12(4): 321-327	† <i>Gryphochiton asamae</i>	Mollusca: Polyplacophora: Lepidopleurina: Gryphochitonidae	JAPAN: Gifu Prefecture*
Hofmann, H.J.; O'Brien, S.J.; King, A.F. (2008) Ediacaran biota on Bonavista Peninsula, Newfoundland, Canada. <i>Journal of Paleontology</i> 82(1): 1-36	† <i>Hadrynichorde catalinensis</i>	Ediacara	CANADA: Newfoundland and Labrador*
Hofmann, H.J.; O'Brien, S.J.; King, A.F. (2008) Ediacaran biota on Bonavista Peninsula, Newfoundland, Canada. <i>Journal of Paleontology</i> 82(1): 1-36	† <i>Hadryniscala avalonica</i>	Ediacara	CANADA: Newfoundland and Labrador*
Hofmann, H.J.; O'Brien, S.J.; King, A.F. (2008) Ediacaran biota on Bonavista Peninsula, Newfoundland, Canada. <i>Journal of Paleontology</i> 82(1): 1-36	† <i>Parviscopa bonavistensis</i>	Ediacara	CANADA: Newfoundland and Labrador*
Hofmann, H.J.; O'Brien, S.J.; King, A.F. (2008) Ediacaran biota on Bonavista Peninsula, Newfoundland, Canada. <i>Journal of Paleontology</i> 82(1): 1-36	† <i>Primocandelabrum hiemalorum</i>	Ediacara	CANADA: Newfoundland and Labrador*
Holland, Charles Hepworth; Cooper, Paul (2008) Ordovician and Silurian nautiloid cephalopods from Anticosti Island: Traject across the Ordovician-Silurian (O-S) mass extinction boundary. <i>Canadian Journal of Earth Sciences</i> 45(9): 1015-1038	† <i>Actinoceras leserancei</i>	Mollusca: Cephalopoda: Actinoceratidae	CANADA: Québec*
Holland, Charles Hepworth; Cooper, Paul (2008) Ordovician and Silurian nautiloid cephalopods from Anticosti Island: Traject across the Ordovician-Silurian (O-S) mass extinction boundary. <i>Canadian Journal of Earth Sciences</i> 45(9): 1015-1038	† <i>Diestoceras macgilvrayoceras</i>	Mollusca: Cephalopoda: Diestoceratidae	CANADA: Québec*

Holland, Charles Hepworth; Cooper, Paul (2008) Ordovician and Silurian nautiloid cephalopods from Anticosti Island: Traject across the Ordovician-Silurian (O-S) mass extinction boundary. Canadian Journal of Earth Sciences 45(9): 1015-1038	† <i>Eridites barnesi</i>	Mollusca: Cephalopoda: Pseudorthoceratidae	CANADA: Québec*
Hooker, J.J.; Harrison, D.L. (2008) A new clade of omomyid primates from the European Paleogene. Journal of Vertebrate Paleontology 28(3): 826-840	† <i>Vectipithex smithorum</i>	Mammalia: Primates: Omomyidae	ENGLAND: Hampshire*
Hooker, J.J.; Harrison, D.L. (2008) A new clade of omomyid primates from the European Paleogene. Journal of Vertebrate Paleontology 28(3): 826-840	† <i>Vectipithex smithorum</i>	Mammalia: Primates: Omomyidae	ENGLAND: Isle of Wight*
Hosseini, Seyed Abolfazl; Conrad, Marc A. (2008) Calcareous algae, foraminifera and sequence stratigraphy of the Fahliyan Formation at Kuh-e-Surmeh (Zagros Basin, SW of Iran). Geologia Croatica 61(2-3): 215-237	† <i>Salpingoporella? inopinata</i> Gollestaneh	Angiospermae: Chlorophyta : Dasycladales: Triploporellaceae	IRAN: Fars*
House, M.R. ; Kirchgasser, W.T. (2008) Late Devonian Goniatices (Cephalopoda, Ammonoidea) from New York State. Bulletins of American Paleontology 374: 1-288	† <i>Koenenites beckeri</i>	Mollusca: Cephalopoda: Koenenitidae	USA: New York: Livingston County*
House, M.R. ; Kirchgasser, W.T. (2008) Late Devonian Goniatices (Cephalopoda, Ammonoidea) from New York State. Bulletins of American Paleontology 374: 1-288	† <i>Koenenites beckeri</i>	Mollusca: Cephalopoda: Koenenitidae	USA: New York: Oneida County*
House, M.R. ; Kirchgasser, W.T. (2008) Late Devonian Goniatices (Cephalopoda, Ammonoidea) from New York State. Bulletins of American Paleontology 374: 1-288	† <i>Koenenites beckeri</i>	Mollusca: Cephalopoda: Koenenitidae	USA: New York: Ontario County*
House, M.R. ; Kirchgasser, W.T. (2008) Late Devonian Goniatices (Cephalopoda, Ammonoidea) from New York State. Bulletins of American Paleontology 374: 1-288	† <i>Koenenites beckeri</i>	Mollusca: Cephalopoda: Koenenitidae	USA: New York: Seneca County*
House, M.R. ; Kirchgasser, W.T. (2008) Late Devonian Goniatices (Cephalopoda, Ammonoidea) from New York State. Bulletins of American Paleontology 374: 1-288	† <i>Koenenites beckeri</i>	Mollusca: Cephalopoda: Koenenitidae	USA: New York: Tompkins County*
House, M.R. ; Kirchgasser, W.T. (2008) Late Devonian Goniatices (Cephalopoda, Ammonoidea) from New York State. Bulletins of American Paleontology 374: 1-288	† <i>Koenenites beckeri</i>	Mollusca: Cephalopoda: Koenenitidae	USA: New York: Yates County*
House, M.R. ; Kirchgasser, W.T. (2008) Late Devonian Goniatices (Cephalopoda, Ammonoidea) from New York State. Bulletins of American Paleontology 374: 1-288	† <i>Sandbergeroceras? enfieldense</i>	Mollusca: Cephalopoda: Triainoceratidae	USA: New York: Tompkins County*
Høyberget, Magne; Bruton, David L. (2008) Middle Cambrian trilobites of the suborders Agnostina and Eodiscina from the Oslo region, Norway. Palaeontographica A 286(1-3): 1-87	† <i>Macannaia skybergi</i>	Trilobita: Agnostida: Eodiscina: Eodiscidae	NORWAY: Hedmark*
Hu, Shusheng; Jarzen, David M.; Dilcher, David L. (2008) New species of angiosperm pollen from the Dakota Formation (Cenomanian, Upper Cretaceous) of Minnesota, USA. Palynology 32: 17-26	† <i>Cupuliferoidaepollenites microscabratus</i>	Pollenites: Plicates	USA: Minnesota: Brown County*
Hu, Shusheng; Jarzen, David M.; Dilcher, David L. (2008) New species of angiosperm pollen from the Dakota Formation (Cenomanian, Upper Cretaceous) of Minnesota, USA. Palynology 32: 17-26	† <i>Cupuliferoidaepollenites microscabratus</i>	Pollenites: Plicates	USA: Minnesota: Nicollet County*

Hu, Shusheng; Jarzen, David M.; Dilcher, David L. (2008) New species of angiosperm pollen from the Dakota Formation (Cenomanian, Upper Cretaceous) of Minnesota, USA. <i>Palynology</i> 32: 17-26	† <i>Dryadopolis minnesotensis</i>	Pollenites: Plicates	USA: Minnesota: Nicollet County*
Hu, Shusheng; Jarzen, David M.; Dilcher, David L. (2008) New species of angiosperm pollen from the Dakota Formation (Cenomanian, Upper Cretaceous) of Minnesota, USA. <i>Palynology</i> 32: 17-26	† <i>Nyssapollenites microfoveolata</i>	Pollenites: Plicates	USA: Minnesota: Brown County*
Hu, Shusheng; Jarzen, David M.; Dilcher, David L. (2008) New species of angiosperm pollen from the Dakota Formation (Cenomanian, Upper Cretaceous) of Minnesota, USA. <i>Palynology</i> 32: 17-26	† <i>Nyssapollenites microfoveolata</i>	Pollenites: Plicates	USA: Minnesota: Nicollet County*
Hu, Shusheng; Jarzen, David M.; Dilcher, David L. (2008) New species of angiosperm pollen from the Dakota Formation (Cenomanian, Upper Cretaceous) of Minnesota, USA. <i>Palynology</i> 32: 17-26	† <i>Phimopollenites striolata</i>	Pollenites: Plicates	USA: Minnesota: Brown County*
Hu, Shusheng; Jarzen, David M.; Dilcher, David L. (2008) New species of angiosperm pollen from the Dakota Formation (Cenomanian, Upper Cretaceous) of Minnesota, USA. <i>Palynology</i> 32: 17-26	† <i>Phimopollenites striolata</i>	Pollenites: Plicates	USA: Minnesota: Nicollet County*
Hu, Shusheng; Jarzen, David M.; Dilcher, David L. (2008) New species of angiosperm pollen from the Dakota Formation (Cenomanian, Upper Cretaceous) of Minnesota, USA. <i>Palynology</i> 32: 17-26	† <i>Trichoplites labeonis</i>	Pollenites: Plicates	USA: Minnesota: Brown County*
Hu, Shusheng; Jarzen, David M.; Dilcher, David L. (2008) New species of angiosperm pollen from the Dakota Formation (Cenomanian, Upper Cretaceous) of Minnesota, USA. <i>Palynology</i> 32: 17-26	† <i>Trichoplites labeonis</i>	Pollenites: Plicates	USA: Minnesota: Nicollet County*
Hu, Shusheng; Taylor, David Winship; Brenner, Gilbert J.; Basha, Sa'd Hasan (2008) A new marsilealean fern species from the Early Cretaceous of Jordan. <i>Palaeoworld</i> 17(3-4): 235-245	† <i>Marsileaceaphyllum mahisensis</i> Hu, Taylor, Brenner & Basha	Pteridophyta: Salviniales: Marsileaceae	JORDAN: Balqa Governorate*
Huang, Diying; Nel, André (2008) A new Middle Jurassic aphid family (Insecta: Hemiptera: Sternorrhyncha: Sinojuraphididae fam. nov.) from Inner Mongolia, China. <i>Palaeontology</i> 51(3):715-719	† <i>Sinojuraphis ningchengensis</i>	Hemiptera: Aphidinea: Sinojuraphididae	CHINA: Inner Mongolia*
Huang, Di-Ying; Nel, André (2008) New "Grylloblattida" related to the genus <i>Prosepididontus</i> Handlirsch, 1920 in the Middle Jurassic of China (Insecta: Geinitziidae). <i>Alcheringa</i> 32(4): 395-403	† <i>Megasepididontus grandis</i>	"Grylloblattida": Geinitziidae	CHINA: Inner Mongolia*
Huang, Di-Ying; Nel, André (2008) New "Grylloblattida" related to the genus <i>Prosepididontus</i> Handlirsch, 1920 in the Middle Jurassic of China (Insecta: Geinitziidae). <i>Alcheringa</i> 32(4): 395-403	† <i>Sinosepididontus chifengensis</i>	"Grylloblattida": Geinitziidae	CHINA: Inner Mongolia*
Huang, Di-Ying; Nel, André; Azar, Dany; Nel, Patricia (2008) Phylogenetic relationships of the Mesozoic paraneopteran family Archipsyllidae (Insecta: Psocodea). <i>Geobios</i> 41(4): 461-464	† <i>Archipsylla sinica</i>	Psocodea: Archipsyllidae	CHINA: Inner Mongolia*
Huang, Di-Ying; Nel, André; Petrusevičius, Julian F. (2008) New evolutionary evidence of Grylloblattida from the Middle Jurassic of Inner Mongolia, north-east China (Insecta, Polyneoptera). <i>Zoological Journal of the Linnean Society</i> 152(1):17-24	† <i>Plesioblattogryllus magnificus</i>	Grylloblattida: Plesioblattogryllidae	CHINA: Inner Mongolia*
Huang, Di-ying; Nel, André; Zompro, Oliver; Waller, Alain (2008) Mantophasmatodea now in the Jurassic. <i>Naturwissenschaften</i> 95(10): 947-952	† <i>Juramantophasma sinica</i>	Mantophasmatodea: Mantophasmatidae	CHINA: Inner Mongolia*

Huang, Jian-Dong; Ren, Dong; Sinitshenkova, Nina D.; Shih, Chung-Kun (2008) New fossil mayflies (Insecta: Ephemeroptera) from the Middle Jurassic of Daohugou, Inner Mongolia, China. <i>Insect Science</i> 15(2):193-198	† <i>Jurassonurus amoenus</i> Huang, Ren & Sinitshenkova	Ephemeroptera: Siphonuridae	CHINA: Inner Mongolia*
Hutterer, R.; Groh, K. (2008) New species of <i>Canariella</i> (Gastropoda: Hygromiidae) from the Pliocene of Gran Canaria, Canary Islands. <i>Basteria</i> 72(4-6): 223-232	† <i>Canariella gittenbergeri</i>	Mollusca: Gastropoda: Pulmonata: Hygromiidae	CANARY ISLANDS: Gran Canaria Island*
Hutterer, R.; Groh, K. (2008) New species of <i>Canariella</i> (Gastropoda: Hygromiidae) from the Pliocene of Gran Canaria, Canary Islands. <i>Basteria</i> 72(4-6): 223-232	† <i>Canariella lopezjuradoi</i>	Mollusca: Gastropoda: Pulmonata: Hygromiidae	CANARY ISLANDS: Gran Canaria Island*
Hutterer, R.; Groh, K. (2008) New species of <i>Canariella</i> (Gastropoda: Hygromiidae) from the Pliocene of Gran Canaria, Canary Islands. <i>Basteria</i> 72(4-6): 223-232	† <i>Canariella mecoi</i>	Mollusca: Gastropoda: Pulmonata: Hygromiidae	CANARY ISLANDS: Gran Canaria Island*
Hutterer, R.; Groh, K. (2008) New species of <i>Canariella</i> (Gastropoda: Hygromiidae) from the Pliocene of Gran Canaria, Canary Islands. <i>Basteria</i> 72(4-6): 223-232	† <i>Canariella molinae</i>	Mollusca: Gastropoda: Pulmonata: Hygromiidae	CANARY ISLANDS: Gran Canaria Island*
Ivakhnenko, M.F. (2008) The first Whaitsiid (Therocephalia, Thermomorpha) from the terminal Permian of eastern Europe. <i>Paleontological Journal</i> 42(4): 409-413 [<i>Paleontologicheskii Zhurnal</i> 2008(4): 74-78 (in Russian)]	† <i>Megawhaitsia patrichae</i> Ivakhnenko	Synapsida: Therocephalia: Whaitsiidae	RUSSIA: Nizhni Novgorod Oblast*
Ivakhnenko, M.F. (2008) The first Whaitsiid (Therocephalia, Thermomorpha) from the terminal Permian of eastern Europe. <i>Paleontological Journal</i> 42(4): 409-413 [<i>Paleontologicheskii Zhurnal</i> 2008(4): 74-78 (in Russian)]	† <i>Megawhaitsia patrichae</i> Ivakhnenko	Synapsida: Therocephalia: Whaitsiidae	RUSSIA: Vladimir Oblast*
Jäggi, Christoph (2008) <i>Creniceras? piae</i> n. sp. (Ammonoidea, Oppeliidae) aus der Scarburgense-Subzone des Weymouth-Members von Warboys Clay Pit, England. <i>Revue de Paléobiologie</i> 27(1): 113-122	† <i>Creniceras? piae</i>	Mollusca: Cephalopoda: Ammonoidea: Oppeliidae	ENGLAND: Cambridgeshire*

<p>Janssen, Arie W. (2008) <i>Heliconoides linneensis</i> sp. nov., a new holoplanktonic gastropod (Mollusca, Thecosomata) from the Late Oligocene of the Aquitaine Basin (France, Landes). Zoologische Mededelingen 82(9): 69-72</p>	<p>†<i>Heliconoides linneensis</i></p>	<p>Mollusca: Gastropoda: Heterobranchia: Euthyneura: Thecosomata: Euthecosomata: Limacinoidea: Limacinidae</p>	<p>FRANCE: Additional localities [Belus (Marcon); Marcon (Sas); Orthevielle (Tauzia); Payrehorade (Peyrère); Peyrehorade (Tauziède); St. Etienne-d'Orthe (Église A); St. Etienne-d'Orthe (Église B); St. Etienne-d'Orthe (Église C); St. Etienne-d'Orthe (Hondelatte); St. Etienne-d'Orthe (Lartigaou); St. Etienne-d'Orthe (Verdun); St. Paul-des-Dax (Bezoye); St. Paul-des-Dax (Estoti); St. Paul-des-Dax (Lestrilles)] are described as: "AQUITAINE BASIN, LATE OLIGOCENE, CHATTIAN"... and "...details will be given in later paper"</p>
<p>Janssen, Arie W. (2008) <i>Heliconoides linneensis</i> sp. nov., a new holoplanktonic gastropod (Mollusca, Thecosomata) from the Late Oligocene of the Aquitaine Basin (France, Landes). Zoologische Mededelingen 82(9): 69-72</p>	<p>†<i>Heliconoides linneensis</i></p>	<p>Mollusca: Gastropoda: Heterobranchia: Euthyneura: Thecosomata: Euthecosomata: Limacinoidea: Limacinidae</p>	<p>FRANCE: Aquitaine Region* (Landes Department)</p>

Janssen, Arie W. (2008) Notes on the systematics, morphology and biostratigraphy of fossil holoplanktonic Mollusca, 20. A new pteropod genus and species, <i>Hameconia edmundi</i> gen. nov. spec. nov. (Mollusca, Gastropoda, Sphaerocinidae), from the Late Oligocene of SW France. <i>Basteria</i> 72(4-6): 159-163	† <i>Hameconia edmundi</i>	Mollusca: Gastropoda: Sphaerocinidae	FRANCE: Loire Département*
Janssen, Arie W. (2008) Notes on the systematics, morphology and biostratigraphy of fossil holoplanktonic Mollusca, 20. A new pteropod genus and species, <i>Hameconia edmundi</i> gen. nov. spec. nov. (Mollusca, Gastropoda, Sphaerocinidae), from the Late Oligocene of SW France. <i>Basteria</i> 72(4-6): 159-163	† <i>Hameconia edmundi</i>	Mollusca: Gastropoda: Sphaerocinidae	FRANCE: Sarthe Département*
Jansson, I.-M.; McLoughlin, S.; Vajda, V.; Pole, M. (2008) An Early Jurassic flora from the Clarence-Moreton Basin, Australia. <i>Review of Palaeobotany and Palynology</i> 150(1-4): 5-21	† <i>Allocladus helgei</i> Jansson	Angiospermae : Araucariaceae	AUSTRALIA: Queensland*
Jansson, I.-M.; McLoughlin, S.; Vajda, V.; Pole, M. (2008) An Early Jurassic flora from the Clarence-Moreton Basin, Australia. <i>Review of Palaeobotany and Palynology</i> 150(1-4): 5-21	† <i>Caytonia cucullata</i> McLoughlin	Angiospermae: Araucariaceae	AUSTRALIA: Queensland*
Jarzembowski, E.A.; Azar, D.; Nel, A. (2008) A new chironomid (Insecta: Diptera) from Wealden amber (Lower Cretaceous) of the Isle of Wight (UK). <i>Geologica Acta</i> 6(3): 285-291	† <i>Dungeyella gavini</i>	Diptera: Chironomidae	ENGLAND: Isle of Wight*
Jarzembowski, Ed. A. (2008) The oldest insect from Romania: A new Carboniferous blattodean. <i>Studia Geologica Polonica</i> 129: 43-50	† <i>Phyloblatta resitensis</i>	Blattaria: Phyloblattidae	ROMANIA: Banat Region*
Jepson, James E.; Jarzembowski, Edmund A. (2008) Two new species of snakefly (Insecta: Raphidioptera) from the Lower Cretaceous of England and Spain with a review of other fossil raphidiopterans from the Jurassic/Cretaceous transition. <i>Alavesia</i> 2: 193-201	† <i>Proraphidia gomezi</i>	Raphidioptera: Mesoraphidiidae	SPAIN: Lleida Province*
Jepson, James E.; Jarzembowski, Edmund A. (2008) Two new species of snakefly (Insecta: Raphidioptera) from the Lower Cretaceous of England and Spain with a review of other fossil raphidiopterans from the Jurassic/Cretaceous transition. <i>Alavesia</i> 2: 193-201	† <i>Proraphidia hopkinsi</i>	Raphidioptera: Mesoraphidiidae	ENGLAND: Surrey*
Jiang, Da-Yong; Motani, Ryosuke; Hao, Wei-Cheng; Rieppel, Olivier; Sun, Yuan-Lin; Schmitz, Lars; Sun, Zuo-Yu (2008) First record of Placodontoidea (Reptilia, Sauropterygia, Placodontia) from the Eastern Tethys. <i>Journal of Vertebrate Paleontology</i> 28(3): 904-908	† <i>Placodus inexpectatus</i>	Sauropterygia: Placodontoidea: Placodontidae	CHINA: Guizhou*
Jiang, Dayong; Motani, Ryosuke; Hao, Weicheng; Schmitz, Lars; Rieppel, Olivier; Sun, Yuanlin; Sun, Zuoyu (2008) New primitive ichthyosaurian (Reptilia, Diapsida) from the Middle Triassic of Panxian, Guizhou, southwestern China and its position in the Triassic biotic recovery. <i>Progress in Natural Science</i> 18(10): 1315-1319	† <i>Xinminosaurus catactes</i>	Diaspida: Ichthyosauria: Ichthyopterygia:	CHINA: Guizhou*
Jiang, Da-Yong; Rieppel, Olivier; Motani, Ryosuke; Hao, Wei-Cheng; Sun, Yuan-Lin; Schmitz, Lars; Sun, Zuo-Yu (2008) A new Middle Triassic eosauroptrygian (Reptilia, Sauropterygia) from southwestern China. <i>Journal of Vertebrate Paleontology</i> 28(4): 1055-1062	† <i>Wumengosaurus delicatmandibularis</i>	Reptilia: Sauropterygia: Eusauroptrygia: fam. indet.	CHINA: Guizhou*
Jin, Jisuo; Popov, Leonid E. (2008) A new genus of Late Ordovician-Early Silurian pentameride brachiopods and its phylogenetic relationships. <i>Acta Palaeontologica Polonica</i> 53(2): 221-236	† <i>Protanastrophia repanda</i>	Brachiopoda: Pentamerida: Parastrophinidae	CANADA: Nunavut*

Johnson, Norman F.; Musetti, Luciana; Masner, Lubomír (2008) The Cretaceous sectionid genus <i>Proteroscelio</i> Brues (Hymenoptera: Platygastroidea). American Museum Novitates 3603: 1-7	† <i>Proteroscelio gravatus</i>	Hymenoptera: Platygastroidea:	LEBANON: Mount Lebanon*
Joly, Bernard (2008) Les Phylloceratoidea (Ammonoidea) aptiens et albiens du bassin vocontien (Sud-Est de la France). Carnets de Géologie / Notebooks on Geology 2008(Mem 4): 1-60	† <i>Phylloceras (Goretophylloceras) vocontium</i>	Ammonoidea: Phylloceratoidea: Phylloceratidae	FRANCE: Alpes-de-Haute Province*
Joly, Bernard (2008) Les Phylloceratoidea (Ammonoidea) aptiens et albiens du bassin vocontien (Sud-Est de la France). Carnets de Géologie / Notebooks on Geology 2008(Mem 4): 1-60	† <i>Phyllopachyceras brehereti</i>	Ammonoidea: Phylloceratoidea: Phylloceratidae	FRANCE: Alpes-de-Haute Province*
Joly, Bernard (2008) Les Phylloceratoidea (Ammonoidea) aptiens et albiens du bassin vocontien (Sud-Est de la France). Carnets de Géologie / Notebooks on Geology 2008(Mem 4): 1-60	† <i>Salfeldiella (Gyrophyllites) falloti</i>	Ammonoidea: Phylloceratoidea: Phylloceratidae	FRANCE: Alpes-de-Haute Province*
Jouve, Stéphane; Bardet, Nathalie; Jalil, Nour-Eddine; Suberbiola, Xabier Pereda; Bouya, Baâdi; Amaghaz, Mbarek (2008) The oldest African crocodylian: Phylogeny, paleobiogeography, and differential survivorship of marine reptiles through the Cretaceous-Tertiary boundary. Journal of Vertebrate Paleontology 28(2): 409-421	† <i>Ocepesuchus eoafricanus</i>	Eusuchia: Crocodylia: Gavialoidea: fam. indet.	MOROCCO: Chaouia-Ouadigha Region*
Jud, Nathan A.; Rothwell, Gar W.; Stockey, Ruth A. (2008) <i>Todea</i> from the Lower Cretaceous of western North America: Implications for the phylogeny, systematics, and evolution of modern Osmundaceae. American Journal of Botany 95(3): 330-339	† <i>Todea tidwellii</i> Jud, Rothwell & Stockey	Angiospermae: Filicales: Osmundaceae	CANADA: British Columbia*
Kaczmarska, Irena; Ehrman, James M. (2008) <i>Poloniasira fryxelliana</i> Kaczmarska and Ehrman, a new thalassiosiroid diatom (Bacillariophyta) from the Lower Oligocene diatomites in Polish Flysch Carpathians, southeast Poland. Nova Hedwigia Beiheft 133: 217-230	† <i>Poloniasira fryxelliana</i> Kaczmarska & Ehrman	Bacillariophyta:	POLAND: Subcarpathian Voivodeship*
Kadolsky, Dietrich (2008) Mollusks from the Late Oligocene of Oberleichtersbach (Rhön Mountains, Germany). Part 2. Gastropoda: Neritimorpha and Caenogastropoda. In: Fossilgemeinschaften der Doline Oberleichtersbach (Oligozän). E. Martini, ed. Courier Forschungsinstitut Senckenberg, Nr. 260. Schweizerbart'sche: Stuttgart, pp. 103-137	† <i>"Globuliana" hecki</i>	Mollusca: Gastropoda: Caenogastropoda: Rissooidea: Hydrobiidae	GERMANY: Bavaria State*
Kadolsky, Dietrich (2008) Mollusks from the Late Oligocene of Oberleichtersbach (Rhön Mountains, Germany). Part 2. Gastropoda: Neritimorpha and Caenogastropoda. In: Fossilgemeinschaften der Doline Oberleichtersbach (Oligozän). E. Martini, ed. Courier Forschungsinstitut Senckenberg, Nr. 260. Schweizerbart'sche: Stuttgart, pp. 103-137	† <i>"Pseudamnicola" giustii</i>	Mollusca: Gastropoda: Caenogastropoda: Rissooidea: Hydrobiidae	GERMANY: Bavaria State*
Kadolsky, Dietrich (2008) Mollusks from the Late Oligocene of Oberleichtersbach (Rhön Mountains, Germany). Part 2. Gastropoda: Neritimorpha and Caenogastropoda. In: Fossilgemeinschaften der Doline Oberleichtersbach (Oligozän). E. Martini, ed. Courier Forschungsinstitut Senckenberg, Nr. 260. Schweizerbart'sche: Stuttgart, pp. 103-137	† <i>Acicula nanobelone</i>	Mollusca: Gastropoda: Caenogastropoda: Cyclophoroidea: Aciculidae	GERMANY: Bavaria State*
Kadolsky, Dietrich (2008) Mollusks from the Late Oligocene of Oberleichtersbach (Rhön Mountains, Germany). Part 2. Gastropoda: Neritimorpha and Caenogastropoda. In: Fossilgemeinschaften der Doline Oberleichtersbach (Oligozän). E. Martini, ed. Courier Forschungsinstitut Senckenberg, Nr. 260. Schweizerbart'sche: Stuttgart, pp. 103-137	† <i>Acicula praediezi</i>	Mollusca: Gastropoda: Caenogastropoda: Cyclophoroidea: Aciculidae	GERMANY: Bavaria State*

Kadolsky, Dietrich (2008) Mollusks from the Late Oligocene of Oberleichtersbach (Rhön Mountains, Germany). Part 2. Gastropoda: Neritimorpha and Caenogastropoda. In: Fossilgemeinschaften der Doline Oberleichtersbach (Oligozän). E. Martini, ed. Courier Forschungsinstitut Senckenberg, Nr. 260. Schweizerbart'sche: Stuttgart, pp. 103-137	† <i>Acicula pseudosturanii</i>	Mollusca: Gastropoda: Caenogastropoda: Cyclophoroidea: Aciculidae	GERMANY: Bavaria State*
Kadolsky, Dietrich (2008) Mollusks from the Late Oligocene of Oberleichtersbach (Rhön Mountains, Germany). Part 2. Gastropoda: Neritimorpha and Caenogastropoda. In: Fossilgemeinschaften der Doline Oberleichtersbach (Oligozän). E. Martini, ed. Courier Forschungsinstitut Senckenberg, Nr. 260. Schweizerbart'sche: Stuttgart, pp. 103-137	† <i>Heleobia (Eupaludestrina) rhoenana</i>	Mollusca: Gastropoda: Caenogastropoda: Rissooidea: Cochliopidae	GERMANY: Bavaria State*
Kadolsky, Dietrich (2008) Mollusks from the Late Oligocene of Oberleichtersbach (Rhön Mountains, Germany). Part 2. Gastropoda: Neritimorpha and Caenogastropoda. In: Fossilgemeinschaften der Doline Oberleichtersbach (Oligozän). E. Martini, ed. Courier Forschungsinstitut Senckenberg, Nr. 260. Schweizerbart'sche: Stuttgart, pp. 103-137	† <i>Martinietta meizon</i>	Mollusca: Gastropoda: Caenogastropoda: Rissooidea: Hydrobiidae	GERMANY: Bavaria State*
Kadolsky, Dietrich (2008) Mollusks from the Late Oligocene of Oberleichtersbach (Rhön Mountains, Germany). Part 2. Gastropoda: Neritimorpha and Caenogastropoda. In: Fossilgemeinschaften der Doline Oberleichtersbach (Oligozän). E. Martini, ed. Courier Forschungsinstitut Senckenberg, Nr. 260. Schweizerbart'sche: Stuttgart, pp. 103-137	† <i>Stadtiellopsis martinii</i>	Mollusca: Gastropoda: Caenogastropoda: Rissooidea: Amnicolidae	GERMANY: Bavaria State*
Kadolsky, Dietrich (2008) Zur Identität und Synonymie der häufigeren "Hydrobien" der Rüssingen-Formation (<i>Inflata</i> -Schichten) und Wiesbaden-Formation (Hydrobien-Schichten) (Miozän, Mainzer Becken) (Gastropoda, Prosobranchia: Rissooidea). Senckenbergiana Lethaea 88(2): 229-266	† <i>"Hydrobia" nannacus</i>	Mollusca: Gastropoda: Prosobranchia: Rissooidea	FRANCE: Aquitaine Region* (Gironde Department)
Kaim, Andrzej (2008) A review of gastropods from a Callovian (Middle Jurassic) glacial drift at Łuków, eastern Poland. Neues Jahrbuch für Geologie und Paläontologie Abhandlungen 247(2): 161-176	† <i>Makowskispira lapiguzensis</i>	Mollusca: Gastropoda: Prosobranchia: Caenogastropoda: Ampullinidae	POLAND: Lublin*
Kaim, Andrzej; Jenkins, Robert G.; Warén, Anders (2008) Provannid and provannid-like gastropods from the Late Cretaceous cold seeps of Hokkaido (Japan) and the fossil record of the Provannidae (Gastropoda: Abyssochrysoidea). Zoological Journal of the Linnean Society 154(3):421-436	† <i>Desbruyeresia kanajirisawensis</i>	Mollusca: Gastropoda: Abyssochrysoidea: Provannidae	JAPAN: Hokkaido Prefecture*
Kaim, Andrzej; Jenkins, Robert G.; Warén, Anders (2008) Provannid and provannid-like gastropods from the Late Cretaceous cold seeps of Hokkaido (Japan) and the fossil record of the Provannidae (Gastropoda: Abyssochrysoidea). Zoological Journal of the Linnean Society 154(3):421-436	† <i>Hokkaidoconcha hikidai</i>	Mollusca: Gastropoda: Abyssochrysoidea: Hokkaidoconchidae	JAPAN: Hokkaido Prefecture*
Kaim, Andrzej; Jenkins, Robert G.; Warén, Anders (2008) Provannid and provannid-like gastropods from the Late Cretaceous cold seeps of Hokkaido (Japan) and the fossil record of the Provannidae (Gastropoda: Abyssochrysoidea). Zoological Journal of the Linnean Society 154(3):421-436	† <i>Hokkaidoconcha tanabei</i>	Mollusca: Gastropoda: Abyssochrysoidea: Hokkaidoconchidae	JAPAN: Hokkaido Prefecture*

Kaim, Andrzej; Jenkins, Robert G.; Warén, Anders (2008) Provannid and provannid-like gastropods from the Late Cretaceous cold seeps of Hokkaido (Japan) and the fossil record of the Provannidae (Gastropoda: Abysochrysoidea). Zoological Journal of the Linnean Society 154(3):421-436	† <i>Provanna tappuensis</i>	Mollusca: Gastropoda: Abysochrysoidea: Provannidae	JAPAN: Hokkaido Prefecture*
Karafit, Steven J.; Stockey, Ruth A. (2008) <i>Paralygodium meckertii</i> sp. nov. (Schizaeaceae) from the Upper Cretaceous (Coniacian) of Vancouver Island, British Columbia, Canada. Review of Palaeobotany and Palynology 149(3-4): 163-173	† <i>Paralygodium meckertii</i> Karafit & Stockey	Pteridophyta: Pteridopsida: Filicales: Schizaeaceae	CANADA: British Columbia*
Karasawa, Hiroaki; Kato, Hisayoshi; Kase, Tomoki; Maac-Aguilar, Yolanda; Kurihara, Yukito; Hayashi, Hiroki; Hagino, Kyoko (2008) Neogene and Quaternary ghost shrimps and crabs (Crustacea: Decapoda) from the Philippines. Bulletin of the National Science Museum, Series C (Geology & Paleontology) 34: 51-76	† <i>Cryptolutea warreni</i> Karasawa & Kato	Crustacea: Decapoda: Pilumnidae	PHILIPPINES: Davao City* (Davao Region, Region XI)
Karasawa, Hiroaki; Kato, Hisayoshi; Kase, Tomoki; Maac-Aguilar, Yolanda; Kurihara, Yukito; Hayashi, Hiroki; Hagino, Kyoko (2008) Neogene and Quaternary ghost shrimps and crabs (Crustacea: Decapoda) from the Philippines. Bulletin of the National Science Museum, Series C (Geology & Paleontology) 34: 51-76	† <i>Demania pilipinas</i> Karasawa & Kato	Crustacea: Decapoda: Xanthidae	PHILIPPINES: Davao City* (Davao Region, Region XI)
Karasawa, Hiroaki; Kato, Hisayoshi; Kase, Tomoki; Maac-Aguilar, Yolanda; Kurihara, Yukito; Hayashi, Hiroki; Hagino, Kyoko (2008) Neogene and Quaternary ghost shrimps and crabs (Crustacea: Decapoda) from the Philippines. Bulletin of the National Science Museum, Series C (Geology & Paleontology) 34: 51-76	† <i>Hexapus granuliformis</i> Karasawa & Kato	Crustacea: Decapoda: Hexapodidae	PHILIPPINES: Davao City* (Davao Region, Region XI)
Karasawa, Hiroaki; Kato, Hisayoshi; Kase, Tomoki; Maac-Aguilar, Yolanda; Kurihara, Yukito; Hayashi, Hiroki; Hagino, Kyoko (2008) Neogene and Quaternary ghost shrimps and crabs (Crustacea: Decapoda) from the Philippines. Bulletin of the National Science Museum, Series C (Geology & Paleontology) 34: 51-76	† <i>Leucosia martini</i> Karasawa & Kato	Crustacea: Decapoda: Leucosiidae	PHILIPPINES: Davao City* (Davao Region, Region XI)
Karasawa, Hiroaki; Kato, Hisayoshi; Kase, Tomoki; Maac-Aguilar, Yolanda; Kurihara, Yukito; Hayashi, Hiroki; Hagino, Kyoko (2008) Neogene and Quaternary ghost shrimps and crabs (Crustacea: Decapoda) from the Philippines. Bulletin of the National Science Museum, Series C (Geology & Paleontology) 34: 51-76	† <i>Nursia bilobata</i> Karasawa & Kato	Crustacea: Decapoda: Leucosiidae	PHILIPPINES: Batangas Province* (CALABARZON Region, Region IV-A)
Karasawa, Hiroaki; Kato, Hisayoshi; Kase, Tomoki; Maac-Aguilar, Yolanda; Kurihara, Yukito; Hayashi, Hiroki; Hagino, Kyoko (2008) Neogene and Quaternary ghost shrimps and crabs (Crustacea: Decapoda) from the Philippines. Bulletin of the National Science Museum, Series C (Geology & Paleontology) 34: 51-76	† <i>Pseudophilyra granulimarginata</i> Karasawa & Kato	Crustacea: Decapoda: Leucosiidae	PHILIPPINES: Batangas Province* (CALABARZON Region, Region IV-A)
Karasawa, Hiroaki; Ohara, Masaaki; Kato, Hisayoshi (2008) New records for Crustacea from the Arida Formation (Lower Cretaceous, Barremian) of Japan. Boletín de la Sociedad Geológica Mexicana 60(1): 101-110	† <i>Eomunidopsis kinokunica</i>	Crustacea: Anomala: Galatheaidea: Galatheididae	JAPAN: Wakayama Prefecture*
Karasawa, Hiroaki; Ohara, Masaaki; Kato, Hisayoshi (2008) New records for Crustacea from the Arida Formation (Lower Cretaceous, Barremian) of Japan. Boletín de la Sociedad Geológica Mexicana 60(1): 101-110	† <i>Eryma nippon</i>	Crustacea: Decapoda: Reptantia: Astacidea: Erymoidea: Erymididae	JAPAN: Wakayama Prefecture*

Karasawa, Hiroaki; Ohara, Masaaki; Kato, Hisayoshi (2008) New records for Crustacea from the Arida Formation (Lower Cretaceous, Barremian) of Japan. Boletín de la Sociedad Geológica Mexicana 60(1): 101-110	† <i>Hoploparia natsumiae</i>	Crustacea: Decapoda: Reptantia: Astacidea: Nephropoidea: Nephropidae	JAPAN: Wakayama Prefecture*
Karasawa, Hiroaki; Ohara, Masaaki; Kato, Hisayoshi (2008) New records for Crustacea from the Arida Formation (Lower Cretaceous, Barremian) of Japan. Boletín de la Sociedad Geológica Mexicana 60(1): 101-110	† <i>Palaega yamadai</i>	Crustacea: Isopoda: Cymothoidea: Cirolanoidea: Cirolanidae	JAPAN: Wakayama Prefecture*
Karasawa, Hiroaki; Ohara, Masaaki; Kato, Hisayoshi (2008) New records for Crustacea from the Arida Formation (Lower Cretaceous, Barremian) of Japan. Boletín de la Sociedad Geológica Mexicana 60(1): 101-110	† <i>Xanthosia sakoi</i>	Crustacea: Brachyura: Etyoidea: Etyidae	JAPAN: Wakayama Prefecture*
Karim, Talia S. (2008) Olenid-dominated trilobite fauna from the Shallow Bay Formation (Cow Head Group), Cambrian-Ordovician boundary interval, western Newfoundland. Canadian Journal of Earth Sciences 45(4): 407-425	† <i>Boeckaspis geordii</i>	Arthropoda: Trilobita: Olenidae	CANADA: Newfoundland and Labrador*
Karim, Talia S. (2008) Late Ordovician trilobites from northwest Iran and their biogeographic affinities. Earth and Environmental Science Transactions of the Royal Society of Edinburgh 99(2): 101-124	† <i>Mezzaluna tatavrudensis</i>	Arthropoda: Trilobita: Proteidae	IRAN: Gilan Province*
Karim, Talia S. (2008) Late Ordovician trilobites from northwest Iran and their biogeographic affinities. Earth and Environmental Science Transactions of the Royal Society of Edinburgh 99(2): 101-124	† <i>Paratiresias alborzensis</i>	Arthropoda: Trilobita: Isocolidae	IRAN: Gilan Province*
Kathirithamby, Jeyaraney; Henderickx, Hans (2008) First record of the Strepsiptera genus <i>Caenocholax</i> in Baltic amber with the description of a new species. Phegea 36(4): 149-156	† <i>Caenocholax groehni</i>	Strepsiptera: Myrmecolacidae	RUSSIA: Kaliningrad Oblast*
Kelley, Jay; Andrews, Peter; Alpagut, Berna (2008) A new hominid species from the middle Miocene site of Paşalar, Turkey. Journal of Human Evolution 54(4): 455-479	† <i>Kenyapithecus kizili</i>	Mammalia: Primates: Hominoidea: Hominidae	TURKEY: Düzce Province*
Kennedy, W. James; Walaszczyk, Ireneusz; Klinger, Herbert C. (2008) <i>Cladoceramus</i> (Bivalvia, Inoceramidae), ammonite associations from the Santonian of KwaZulu, South Africa. Cretaceous Research 29(2): 267-293	† <i>Hyphaloceras howlettae</i>	Ammonoidea: Ammonitina: Acanthoceratoidea: Collingnoniceratidae	SOUTH AFRICA: KwaZulu-Natal Province*
Kennedy, William James; Klinger, Herbert Christian (2008) Cretaceous faunas from Zululand and Natal, South Africa: The ammonite subfamily Lyelliceratinae Spath, 1921. African Natural History 4: 57-111	† <i>Lyelliceras latili</i>	Mollusca: Cephalopoda: Ammonitida:	FRANCE: Alpes-Maritimes Region*
Kennedy, William James; Klinger, Herbert Christian (2008) Cretaceous faunas from Zululand and Natal, South Africa: The ammonite subfamily Lyelliceratinae Spath, 1921. African Natural History 4: 57-111	† <i>Lyelliceras latili</i>	Mollusca: Cephalopoda: Ammonitida:	SOUTH AFRICA: KwaZulu-Natal Province*
Kennedy, William James; Klinger, Herbert Christian (2008) Hypermorphosis in <i>Salaziceras</i> , a Cretaceous ammonite from Madagascar. African Natural History 4: 113-116	† <i>Salaziceras lemoinei</i>	Mollusca: Cephalopoda: Ammonitida: Flickiidae	MADAGASCAR (Mount Raynaud)

Kermandji, Adnan Mohamed Hassan; Kowalski, Wacław Marian; Touhami, Fatima Khelifi (2008) Miospore stratigraphy of Lower and early Middle Devonian deposits from Tidikelt, central Sahara, Algeria. <i>Geobios</i> 41(2): 227-251	† <i>Acinosporites conatus</i> Hassan Kermandji	Angiospermae: ?	ALGERIA: Adrar Province*
Kermandji, Adnan Mohamed Hassan; Kowalski, Wacław Marian; Touhami, Fatima Khelifi (2008) Miospore stratigraphy of Lower and early Middle Devonian deposits from Tidikelt, central Sahara, Algeria. <i>Geobios</i> 41(2): 227-251	† <i>Dibolisporites saharansis</i> Hassan Kermandji	Angiospermae: ?	ALGERIA: Adrar Province*
Kermandji, Adnan Mohamed Hassan; Kowalski, Wacław Marian; Touhami, Fatima Khelifi (2008) Miospore stratigraphy of Lower and early Middle Devonian deposits from Tidikelt, central Sahara, Algeria. <i>Geobios</i> 41(2): 227-251	† <i>Scylaspora tidikeltense</i> Hassan Kermandji	Angiospermae: ?	ALGERIA: Adrar Province*
Keupp, Helmut (2008) <i>Desmoceras (Pseudouhligella) intrapunctatum</i> n.sp. (Ammonoidea) aus dem Unter-Albium von NW-Madagaskar mit Ritzstreifen. <i>Paläontologische Zeitschrift</i> 82(4): 437-447	† <i>Desmoceras (Pseudouhligella) intrapunctatum</i>	Ammonoidea: Ammonitina: Desmoceratoidea: Desmoceratidae	MADAGASCAR: Mahajanga*
Khalaim, Andrey I. (2008) Fossil ichneumon wasps (Hymenoptera: Ichneumonidae) from Biamo (Russia), Oligocene. <i>Alavesia</i> 2: 101-112	† <i>Biamosa barachek</i>	Hymenoptera: Ichneumonidae	RUSSIA: Primorsky Krai*
Khalaim, Andrey I. (2008) Fossil ichneumon wasps (Hymenoptera: Ichneumonidae) from Biamo (Russia), Oligocene. <i>Alavesia</i> 2: 101-112	† <i>Metopiosa fossilata</i>	Hymenoptera: Ichneumonidae	RUSSIA: Primorsky Krai*
Khalaim, Andrey I. (2008) Fossil ichneumon wasps (Hymenoptera: Ichneumonidae) from Biamo (Russia), Oligocene. <i>Alavesia</i> 2: 101-112	† <i>Pimpla (?) bibosa</i>	Hymenoptera: Ichneumonidae	RUSSIA: Primorsky Krai*
Khalaim, Andrey I. (2008) Fossil ichneumon wasps (Hymenoptera: Ichneumonidae) from Biamo (Russia), Oligocene. <i>Alavesia</i> 2: 101-112	† <i>Triclistus ventrator</i>	Hymenoptera: Ichneumonidae	RUSSIA: Primorsky Krai*
Khalaim, Andrey I. (2008) Fossil ichneumon wasps (Hymenoptera: Ichneumonidae) from Biamo (Russia), Oligocene. <i>Alavesia</i> 2: 101-112	† <i>Xanthopimpla biamosa</i>	Hymenoptera: Ichneumonidae	RUSSIA: Primorsky Krai*
Khalaim, Andrey I. (2008) Fossil ichneumon wasps (Hymenoptera: Ichneumonidae) from Biamo (Russia), Oligocene. <i>Alavesia</i> 2: 101-112	† <i>Zabrachypus tumidus</i>	Hymenoptera: Ichneumonidae	RUSSIA: Primorsky Krai*
Khromykh, V.G. (2008) Discovery of Lower Famennian Stromatoporoidea in the Kuznetsk Basin. <i>Paleontological Journal</i> 42(3): 227-231 [<i>Paleontologicheskii Zhurnal</i> 2008(3): 8-11 (in Russian)]	† <i>Actinostroma quasifenestratum</i> Khromykh	Porifera: Demospongiae: Actinostromatidae	RUSSIA: Kemerovo Oblast*
Khromykh, V.G. (2008) Discovery of Lower Famennian Stromatoporoidea in the Kuznetsk Basin. <i>Paleontological Journal</i> 42(3): 227-231 [<i>Paleontologicheskii Zhurnal</i> 2008(3): 8-11 (in Russian)]	† <i>Coenostroma rarum</i> Khromykh	Porifera: Demospongiae: Syringostromatidae	RUSSIA: Kemerovo Oblast*
Khromykh, V.G. (2008) Discovery of Lower Famennian Stromatoporoidea in the Kuznetsk Basin. <i>Paleontological Journal</i> 42(3): 227-231 [<i>Paleontologicheskii Zhurnal</i> 2008(3): 8-11 (in Russian)]	† <i>Kyklopora tomiensis</i> Khromykh	Porifera: Demospongiae: Clathrodictyidae	RUSSIA: Kemerovo Oblast*
Kiel, Steffen; Amano, Kazutaka; Jenkins, Robert G. (2008) Bivalves from Cretaceous cold-seep deposits on Hokkaido, Japan. <i>Acta Palaeontologica Polonica</i> 53(3): 525-537	† <i>Acharax mikasaensis</i>	Mollusca: Bivalvia: Cryptodonta: Solemyidae	JAPAN: Hokkaidō Prefecture*
Kiel, Steffen; Amano, Kazutaka; Jenkins, Robert G. (2008) Bivalves from Cretaceous cold-seep deposits on Hokkaido, Japan. <i>Acta Palaeontologica Polonica</i> 53(3): 525-537	† <i>Thyasira tanabei</i>	Mollusca: Bivalvia: Heterodonta: Thyasiridae	JAPAN: Hokkaidō Prefecture*

Kiel, Steffen; Campbell, Kathleen A.; Elder, William P.; Little, Crispin T.S. (2008) Jurassic and Cretaceous gastropods from hydrocarbon seeps in forearc basin and accretionary prism settings, California. Acta Palaeontologica Polonica 53(4): 679-703	† <i>Abyssochrysos? giganteum</i>	Mollusca: Gastropoda: Caenogastropoda: Abyssochrysidae?	USA: California: Napa County*
Kiel, Steffen; Campbell, Kathleen A.; Elder, William P.; Little, Crispin T.S. (2008) Jurassic and Cretaceous gastropods from hydrocarbon seeps in forearc basin and accretionary prism settings, California. Acta Palaeontologica Polonica 53(4): 679-703	† <i>Bathypurpurinopsis stantoni</i>	Mollusca: Gastropoda: Caenogastropoda: fam. indet.	USA: California: Tehama County*
Kiel, Steffen; Campbell, Kathleen A.; Elder, William P.; Little, Crispin T.S. (2008) Jurassic and Cretaceous gastropods from hydrocarbon seeps in forearc basin and accretionary prism settings, California. Acta Palaeontologica Polonica 53(4): 679-703	† <i>Hokkaidoconcha bilirata</i>	Mollusca: Gastropoda: Caenogastropoda: Hokkaidoconchidae	USA: California: Colusa County*
Kiel, Steffen; Campbell, Kathleen A.; Elder, William P.; Little, Crispin T.S. (2008) Jurassic and Cretaceous gastropods from hydrocarbon seeps in forearc basin and accretionary prism settings, California. Acta Palaeontologica Polonica 53(4): 679-703	† <i>Hokkaidoconcha bilirata</i>	Mollusca: Gastropoda: Caenogastropoda: Hokkaidoconchidae	USA: California: Tehama County*
Kiel, Steffen; Campbell, Kathleen A.; Elder, William P.; Little, Crispin T.S. (2008) Jurassic and Cretaceous gastropods from hydrocarbon seeps in forearc basin and accretionary prism settings, California. Acta Palaeontologica Polonica 53(4): 679-703	† <i>Hokkaidoconcha morenoensis</i>	Mollusca: Gastropoda: Caenogastropoda: Hokkaidoconchidae	USA: California: Fresno County*
Kiel, Steffen; Campbell, Kathleen A.; Elder, William P.; Little, Crispin T.S. (2008) Jurassic and Cretaceous gastropods from hydrocarbon seeps in forearc basin and accretionary prism settings, California. Acta Palaeontologica Polonica 53(4): 679-703	† <i>Hokkaidoconcha morenoensis</i>	Mollusca: Gastropoda: Caenogastropoda: Hokkaidoconchidae	USA: California: Merced County*
Kiel, Steffen; Campbell, Kathleen A.; Elder, William P.; Little, Crispin T.S. (2008) Jurassic and Cretaceous gastropods from hydrocarbon seeps in forearc basin and accretionary prism settings, California. Acta Palaeontologica Polonica 53(4): 679-703	† <i>Hokkaidoconcha tehamaensis</i>	Mollusca: Gastropoda: Caenogastropoda: Hokkaidoconchidae	USA: California: Tehama County*
Kiel, Steffen; Campbell, Kathleen A.; Elder, William P.; Little, Crispin T.S. (2008) Jurassic and Cretaceous gastropods from hydrocarbon seeps in forearc basin and accretionary prism settings, California. Acta Palaeontologica Polonica 53(4): 679-703	† <i>Paskentana berryessaensis</i>	Mollusca: Gastropoda: Caenogastropoda: fam. indet.	USA: California: Colusa County*
Kiel, Steffen; Campbell, Kathleen A.; Elder, William P.; Little, Crispin T.S. (2008) Jurassic and Cretaceous gastropods from hydrocarbon seeps in forearc basin and accretionary prism settings, California. Acta Palaeontologica Polonica 53(4): 679-703	† <i>Paskentana berryessaensis</i>	Mollusca: Gastropoda: Caenogastropoda: fam. indet.	USA: California: Napa County*
Kiel, Steffen; Campbell, Kathleen A.; Elder, William P.; Little, Crispin T.S. (2008) Jurassic and Cretaceous gastropods from hydrocarbon seeps in forearc basin and accretionary prism settings, California. Acta Palaeontologica Polonica 53(4): 679-703	† <i>Paskentana globosa</i>	Mollusca: Gastropoda: Caenogastropoda: fam. indet.	USA: California: Lake County*

Kiel, Steffen; Campbell, Kathleen A.; Elder, William P.; Little, Crispin T.S. (2008) Jurassic and Cretaceous gastropods from hydrocarbon seeps in forearc basin and accretionary prism settings, California. <i>Acta Palaeontologica Polonica</i> 53(4): 679-703	† <i>Paskentana globosa</i>	Mollusca: Gastropoda: Caenogastropoda: fam. indet.	USA: California: Napa County*
Kihm, Allen J.; Schumaker, Karew K. (2008) <i>Domnina</i> (Mammalia, Soricomorpha) from the latest Eocene (Chadronian) Medicine Pole Hills Local Fauna of North Dakota. <i>Paludicola</i> 7(1): 26-36	† <i>Domnina sagittariensis</i>	Mammalia: Soricomorpha: Soricidae	USA: North Dakota: Bowman County*
Kim, Jeong Yul; Kim, Kyung Soo; Lockley, Martin G.; Yang, Seong Young; Seo, Seung Jo; Choi, Hyun Il; Lim, Jong Deock (2008) New didactyl dinosaur footprints (<i>Dromaeosauripus hamanensis</i> ichnogen. et ichnosp. nov.) from the Early Cretaceous Haman Formation, south coast of Korea. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> 262(1-2): 72-78	† <i>Dromaeosauripus hamanensis</i> isp.n.	Ichnospecies	KOREA, SOUTH
Kim, Jong Heon (2008) A new species of <i>Acer</i> samaras from the Miocene Yeonil Group in the Pohang Basin, Korea. <i>Geosciences Journal</i> 12(4): 331-336	† <i>Acer pohangensis</i> Kim	Angiospermae: Aceraceae	KOREA, SOUTH: Kyeongbuk Province*
Kirejtshuk, A.G. (2008) A new genus and species of timber beetle (Coleoptera: Lymexylidae) from the Baltic amber. <i>Paleontological Journal</i> 42(1): 63-65 [<i>Paleontologicheskii Zhurnal</i> 2008(1): 65-67 (in Russian)]	† <i>Ponomarenkylon alexandri</i> Kirejtshuk	Coleoptera: Lymexylidae	("Baltic amber")
Kirejtshuk, Alexander G.; Azar, Dany (2008) New taxa of beetles (Insecta, Coleoptera) from Lebanese amber with evolutionary and systematic comments. <i>Alavesia</i> 2: 15-46	† <i>Camelomorpha longicervix</i> Kirejtshuk, Azar & Telnov	Coleoptera: Anthicidae	LEBANON: Mount Lebanon Governorate*
Kirejtshuk, Alexander G.; Azar, Dany (2008) New taxa of beetles (Insecta, Coleoptera) from Lebanese amber with evolutionary and systematic comments. <i>Alavesia</i> 2: 15-46	† <i>Cretomalthus acracrowsonorum</i>	Coleoptera: Micromalthidae	LEBANON: South Governorate*
Kirejtshuk, Alexander G.; Azar, Dany (2008) New taxa of beetles (Insecta, Coleoptera) from Lebanese amber with evolutionary and systematic comments. <i>Alavesia</i> 2: 15-46	† <i>Elodophthalmus gracilis</i>	Coleoptera: Elodophthalmidae	LEBANON: Mount Lebanon Governorate*
Kirejtshuk, Alexander G.; Azar, Dany (2008) New taxa of beetles (Insecta, Coleoptera) from Lebanese amber with evolutionary and systematic comments. <i>Alavesia</i> 2: 15-46	† <i>Elodophthalmus harmonicus</i>	Coleoptera: Elodophthalmidae	LEBANON: Mount Lebanon Governorate*
Kirejtshuk, Alexander G.; Azar, Dany (2008) New taxa of beetles (Insecta, Coleoptera) from Lebanese amber with evolutionary and systematic comments. <i>Alavesia</i> 2: 15-46	† <i>Eoclambus rugidorsum</i>	Coleoptera: Clambidae	LEBANON: Mount Lebanon Governorate*
Kirejtshuk, Alexander G.; Azar, Dany (2008) New taxa of beetles (Insecta, Coleoptera) from Lebanese amber with evolutionary and systematic comments. <i>Alavesia</i> 2: 15-46	† <i>Lebanophytum excellens</i>	Coleoptera: Cerophytidae	LEBANON: Mount Lebanon Governorate*
Kirejtshuk, Alexander G.; Azar, Dany (2008) New taxa of beetles (Insecta, Coleoptera) from Lebanese amber with evolutionary and systematic comments. <i>Alavesia</i> 2: 15-46	† <i>Lebanorettes andelmani</i>	Coleoptera: Kateretidae	LEBANON: Mount Lebanon Governorate*
Kirejtshuk, Alexander G.; Azar, Dany (2008) New taxa of beetles (Insecta, Coleoptera) from Lebanese amber with evolutionary and systematic comments. <i>Alavesia</i> 2: 15-46	† <i>Tetrameropsis mesozoica</i>	Coleoptera: Latridiidae	LEBANON: Mount Lebanon Governorate*

Kirejtshuk, Alexander G.; Nel, André (2008) New beetles of the suborder Polyphaga from the Lowermost Eocene French amber (Insecta: Coleoptera). Annales de la Société Entomologique de France (Nouvelle Série) 44(4): 419-442	† <i>Colotes constantini</i>	Coleoptera: Melyridae	FRANCE: Oise Department*
Kirejtshuk, Alexander G.; Nel, André (2008) New beetles of the suborder Polyphaga from the Lowermost Eocene French amber (Insecta: Coleoptera). Annales de la Société Entomologique de France (Nouvelle Série) 44(4): 419-442	† <i>Colotes impexus</i>	Coleoptera: Melyridae	FRANCE: Oise Department*
Kirejtshuk, Alexander G.; Nel, André (2008) New beetles of the suborder Polyphaga from the Lowermost Eocene French amber (Insecta: Coleoptera). Annales de la Société Entomologique de France (Nouvelle Série) 44(4): 419-442	† <i>Cyphon gallicus</i>	Coleoptera: Scirtidae	FRANCE: Oise Department*
Kirejtshuk, Alexander G.; Nel, André (2008) New beetles of the suborder Polyphaga from the Lowermost Eocene French amber (Insecta: Coleoptera). Annales de la Société Entomologique de France (Nouvelle Série) 44(4): 419-442	† <i>Cyphon lobanovi</i>	Coleoptera: Scirtidae	FRANCE: Oise Department*
Kirejtshuk, Alexander G.; Nel, André (2008) New beetles of the suborder Polyphaga from the Lowermost Eocene French amber (Insecta: Coleoptera). Annales de la Société Entomologique de France (Nouvelle Série) 44(4): 419-442	† <i>Eoceniretes yantaricus</i>	Coleoptera: Kateretidae	FRANCE: Oise Department*
Kirejtshuk, Alexander G.; Nel, André (2008) New beetles of the suborder Polyphaga from the Lowermost Eocene French amber (Insecta: Coleoptera). Annales de la Société Entomologique de France (Nouvelle Série) 44(4): 419-442	† <i>Hetherelus expressus</i>	Coleoptera: Kateretidae	FRANCE: Oise Department*
Kirejtshuk, Alexander G.; Nel, André (2008) New beetles of the suborder Polyphaga from the Lowermost Eocene French amber (Insecta: Coleoptera). Annales de la Société Entomologique de France (Nouvelle Série) 44(4): 419-442	† <i>Oisegeenius antiquus</i>	Coleoptera: Anthicidae	FRANCE: Oise Department*
Kirejtshuk, Alexander G.; Nel, André (2008) New beetles of the suborder Polyphaga from the Lowermost Eocene French amber (Insecta: Coleoptera). Annales de la Société Entomologique de France (Nouvelle Série) 44(4): 419-442	† <i>Pastillocenicus grandiclavis</i>	Coleoptera: Nitidulidae	FRANCE: Oise Department*
Kirejtshuk, Alexander G.; Nel, André (2008) New beetles of the suborder Polyphaga from the Lowermost Eocene French amber (Insecta: Coleoptera). Annales de la Société Entomologique de France (Nouvelle Série) 44(4): 419-442	† <i>Pastillocenicus longifrons</i>	Coleoptera: Nitidulidae	FRANCE: Oise Department*
Kirejtshuk, Alexander G.; Nel, André (2008) New beetles of the suborder Polyphaga from the Lowermost Eocene French amber (Insecta: Coleoptera). Annales de la Société Entomologique de France (Nouvelle Série) 44(4): 419-442	† <i>Pastillocenicus polyaki</i>	Coleoptera: Nitidulidae	FRANCE: Oise Department*
Kirejtshuk, Alexander G.; Nel, André (2008) New beetles of the suborder Polyphaga from the Lowermost Eocene French amber (Insecta: Coleoptera). Annales de la Société Entomologique de France (Nouvelle Série) 44(4): 419-442	† <i>Smicrips europeus</i>	Coleoptera: Smicripidae	FRANCE: Oise Department*
Klembara, Jozef (2008) A new anguimorph lizard from the Lower Miocene of north-west Bohemia, Czech Republic. Palaeontology 51(1):81-94	† <i>Merkurosaurus ornatus</i>	Reptilia: Squamata: Anguimorpha: fam. indet.	CZECH REPUBLIC: (Merkur-North mine)
Klinger, Herbert Christian; Kennedy, William James (2008) <i>Mkuzeiella andersoni</i> gen. et sp. nov. (Cephalopoda, Ammonoidea) from the Albian Mzinene Formation of KwaZulu-Natal, South Africa. Bulletin de l'Institut Royal des Sciences Naturelles de Belgique, Sciences de la Terre 78: 179-191	† <i>Mkuzeiella andersoni</i>	Cephalopoda, Ammonoidea: ?Ancyloceratidae	SOUTH AFRICA: KwaZulu-Natal Province*

Klug, Christian; Kröger, Björn; Korn, Dieter; Rücklin, Martin; Schemm-Gregory, Mena; de Baets, Kenneth; Mapes, Royal H. (2008) Ecological change during the early Emsian (Devonian) in the Tafilalt (Morocco), the origin of the Ammonoidea, and the first African pyrgocystid edrioasteroids, machaerids and phyllocarids. <i>Palaeontographica, Abteilung A. Paläozoologie, Stratigraphie</i> 283(4-6): 83-176	† <i>Chebbioceras erfoudense</i>	Mollusca: Cephalopoda: Nautiloidea: Orthoceratida: Orthoceratidae	MOROCCO: Meknès-Tafilalet Region*
Klug, Christian; Kröger, Björn; Korn, Dieter; Rücklin, Martin; Schemm-Gregory, Mena; de Baets, Kenneth; Mapes, Royal H. (2008) Ecological change during the early Emsian (Devonian) in the Tafilalt (Morocco), the origin of the Ammonoidea, and the first African pyrgocystid edrioasteroids, machaerids and phyllocarids. <i>Palaeontographica, Abteilung A. Paläozoologie, Stratigraphie</i> 283(4-6): 83-176	† <i>Cyrtobactrites scheffoldi</i>	Mollusca: Cephalopoda: Bactritoidea: Bactritida: Bactritidae	MOROCCO: Meknès-Tafilalet Region*
Klug, Christian; Kröger, Björn; Korn, Dieter; Rücklin, Martin; Schemm-Gregory, Mena; de Baets, Kenneth; Mapes, Royal H. (2008) Ecological change during the early Emsian (Devonian) in the Tafilalt (Morocco), the origin of the Ammonoidea, and the first African pyrgocystid edrioasteroids, machaerids and phyllocarids. <i>Palaeontographica, Abteilung A. Paläozoologie, Stratigraphie</i> 283(4-6): 83-176	† <i>Eonuculoma babini</i>	Mollusca: Bivalvia: Protobranchiata: Palaeotaxodonta: Nuculoida: Nuculoidea: Nuculidae	MOROCCO: Meknès-Tafilalet Region*
Klug, Christian; Kröger, Björn; Korn, Dieter; Rücklin, Martin; Schemm-Gregory, Mena; de Baets, Kenneth; Mapes, Royal H. (2008) Ecological change during the early Emsian (Devonian) in the Tafilalt (Morocco), the origin of the Ammonoidea, and the first African pyrgocystid edrioasteroids, machaerids and phyllocarids. <i>Palaeontographica, Abteilung A. Paläozoologie, Stratigraphie</i> 283(4-6): 83-176	† <i>Infundibuloceras brevimira</i>	Mollusca: Cephalopoda: Nautiloidea: Orthoceratida: Orthoceratidae	MOROCCO: Meknès-Tafilalet Region*
Klug, Christian; Kröger, Björn; Korn, Dieter; Rücklin, Martin; Schemm-Gregory, Mena; de Baets, Kenneth; Mapes, Royal H. (2008) Ecological change during the early Emsian (Devonian) in the Tafilalt (Morocco), the origin of the Ammonoidea, and the first African pyrgocystid edrioasteroids, machaerids and phyllocarids. <i>Palaeontographica, Abteilung A. Paläozoologie, Stratigraphie</i> 283(4-6): 83-176	† <i>Lepidocoleus rugatus</i>	Mollusca: Machaeridia: Lepidocoleomorpha: Lepidocoleidae	MOROCCO (EI Atrous)
Klug, Christian; Kröger, Björn; Korn, Dieter; Rücklin, Martin; Schemm-Gregory, Mena; de Baets, Kenneth; Mapes, Royal H. (2008) Ecological change during the early Emsian (Devonian) in the Tafilalt (Morocco), the origin of the Ammonoidea, and the first African pyrgocystid edrioasteroids, machaerids and phyllocarids. <i>Palaeontographica, Abteilung A. Paläozoologie, Stratigraphie</i> 283(4-6): 83-176	† <i>Lepidocoleus rugatus</i>	Mollusca: Machaeridia: Lepidocoleomorpha: Lepidocoleidae	MOROCCO: Meknès-Tafilalet Region*
Klug, Christian; Kröger, Björn; Korn, Dieter; Rücklin, Martin; Schemm-Gregory, Mena; de Baets, Kenneth; Mapes, Royal H. (2008) Ecological change during the early Emsian (Devonian) in the Tafilalt (Morocco), the origin of the Ammonoidea, and the first African pyrgocystid edrioasteroids, machaerids and phyllocarids. <i>Palaeontographica, Abteilung A. Paläozoologie, Stratigraphie</i> 283(4-6): 83-176	† <i>Metabactrites ernesti</i>	Mollusca: Cephalopoda: Bactritoidea: Ogoniatitida: Mimosphinctidae	MOROCCO: Meknès-Tafilalet Region*
Klug, Christian; Kröger, Björn; Korn, Dieter; Rücklin, Martin; Schemm-Gregory, Mena; de Baets, Kenneth; Mapes, Royal H. (2008) Ecological change during the early Emsian (Devonian) in the Tafilalt (Morocco), the origin of the Ammonoidea, and the first African pyrgocystid edrioasteroids, machaerids and phyllocarids. <i>Palaeontographica, Abteilung A. Paläozoologie, Stratigraphie</i> 283(4-6): 83-176	† <i>Nahecaris jannae</i>	Crustacea: Malacostraca: Rhinocarina: Rhinocarididae	MOROCCO: Meknès-Tafilalet Region*

Klug, Christian; Kröger, Björn; Korn, Dieter; Rücklin, Martin; Schemm-Gregory, Mena; de Baets, Kenneth; Mapes, Royal H. (2008) Ecological change during the early Emsian (Devonian) in the Tafilalt (Morocco), the origin of the Ammonoidea, and the first African pyrgocystid edrioasteroids, machaerids and phyllocarids. <i>Palaeontographica, Abteilung A. Paläozoologie, Stratigraphie</i> 283(4-6): 83-176	† <i>Nahecaris malviniae</i>	Crustacea: Malacostraca: Rhinocarina: Rhinocarididae	MOROCCO: Meknès-Tafilalet Region*
Klug, Christian; Kröger, Björn; Korn, Dieter; Rücklin, Martin; Schemm-Gregory, Mena; de Baets, Kenneth; Mapes, Royal H. (2008) Ecological change during the early Emsian (Devonian) in the Tafilalt (Morocco), the origin of the Ammonoidea, and the first African pyrgocystid edrioasteroids, machaerids and phyllocarids. <i>Palaeontographica, Abteilung A. Paläozoologie, Stratigraphie</i> 283(4-6): 83-176	† <i>Plagiostomoceras hassichebbiense</i>	Mollusca: Cephalopoda: Nautiloidea: Orthoceratida: Orthoceratidae	MOROCCO: Meknès-Tafilalet Region*
Klug, Christian; Kröger, Björn; Korn, Dieter; Rücklin, Martin; Schemm-Gregory, Mena; de Baets, Kenneth; Mapes, Royal H. (2008) Ecological change during the early Emsian (Devonian) in the Tafilalt (Morocco), the origin of the Ammonoidea, and the first African pyrgocystid edrioasteroids, machaerids and phyllocarids. <i>Palaeontographica, Abteilung A. Paläozoologie, Stratigraphie</i> 283(4-6): 83-176	† <i>Rhenopyrgus flos</i>	Echinodermata: Echinozoa: Edrioasteroidea: Cyathocystida: Pyrgocystidae	MOROCCO: Meknès-Tafilalet Region*
Klug, Stefanie; Kriwet, Jürgen; Lirio, Juan M.; Nuñez, Hector J. (2008) Synechodontiform sharks (Chondrichthyes, Neoselachii) from the Upper Cretaceous of Antarctica. In: Arratia, Gloria; Schultze, Hans-Peter; Wilson, Mark V.H. (eds.) (2008) <i>Mesozoic Fishes 4. Homology and Phylogeny</i> . Proceedings of the International Meeting, Miraflores de la Sierra, 2005. Verlag Dr. Friedrich Pfeil: München, pp. 455-467	† <i>Paraorthacodus antarcticus</i>	Chondrichthyes: Elasmobranchii: Euselachii: Neoselachii: Synechodontiformes: Palaeospinacidae	ANTARCTICA
Knaust, Dirk (2008) <i>Balanoglossites</i> Mägdefrau, 1932 from the Middle Triassic of Germany, part of a complex trace fossil probably produced by burrowing and boring polychaetes. <i>Paläontologische Zeitschrift</i> 82(4): 347-372	† <i>Balanoglossites ramosus</i> isp.n.	ichnofamily Balanoglossites	GERMANY: Thüringen*
Kobayashi, Fumio; Altiner, Demir (2008) Fusulinoidean faunas from the Upper Carboniferous and Lower Permian platform limestone in the Hadim area, central Taurides, Turkey. <i>Rivista Italiana di Paleontologia e Stratigrafia</i> 114(2): 191-232	† <i>Eoparafusulina brevis</i>	Rhizaria: Foraminifera: Schwagerinidae	TURKEY: Konya Province*
Kobayashi, Fumio; Altiner, Demir (2008) Fusulinoidean faunas from the Upper Carboniferous and Lower Permian platform limestone in the Hadim area, central Taurides, Turkey. <i>Rivista Italiana di Paleontologia e Stratigrafia</i> 114(2): 191-232	† <i>Pseudoschwagerina globosa</i>	Rhizaria: Foraminifera: Schwagerinidae	TURKEY: Konya Province*
Kobayashi, Fumio; Altiner, Demir (2008) Fusulinoidean faunas from the Upper Carboniferous and Lower Permian platform limestone in the Hadim area, central Taurides, Turkey. <i>Rivista Italiana di Paleontologia e Stratigrafia</i> 114(2): 191-232	† <i>Pseudoschwagerina ozguli</i>	Rhizaria: Foraminifera: Schwagerinidae	TURKEY: Konya Province*
Kobayashi, Fumio; Altiner, Demir (2008) Fusulinoidean faunas from the Upper Carboniferous and Lower Permian platform limestone in the Hadim area, central Taurides, Turkey. <i>Rivista Italiana di Paleontologia e Stratigrafia</i> 114(2): 191-232	† <i>Robustoschwagerina hadimensis</i>	Rhizaria: Foraminifera: Schwagerinidae	TURKEY: Konya Province*
Koneva, S.P.; Ushatinskaya, G.T. (2008) New Upper Cambrian Lingulata (Brachiopoda) from the Agryk mountains (northeastern central Kazakhstan). <i>Paleontological Journal</i> 42(2): 139-148 [Paleontologicheskii Zhurnal 2008(2): 38-45 (in Russian)]	† <i>Aristotreta bespalovi</i> Koneva & Ushatinskaya	Brachiopoda: Lingulata: Acrotretida: Anabolotretidae	KAZAKHSTAN: (Agryk Mountains)

Koneva, S.P.; Ushatinskaya, G.T. (2008) New Upper Cambrian Lingulata (Brachiopoda) from the Agyrek mountains (northeastern central Kazakhstan). Paleontological Journal 42(2): 139-148 [Paleontologicheskii Zhurnal 2008(2): 38-45 (in Russian)]	† <i>Aristotreta nitida</i> Koneva & Ushatinskaya	Brachiopoda: Lingulata: Acrotretida: Anabolotretidae	KAZAKHSTAN: (Agyrek Mountains)
Koneva, S.P.; Ushatinskaya, G.T. (2008) New Upper Cambrian Lingulata (Brachiopoda) from the Agyrek mountains (northeastern central Kazakhstan). Paleontological Journal 42(2): 139-148 [Paleontologicheskii Zhurnal 2008(2): 38-45 (in Russian)]	† <i>Aristotreta truncata</i> Koneva & Ushatinskaya	Brachiopoda: Lingulata: Acrotretida: Anabolotretidae	KAZAKHSTAN: (Agyrek Mountains)
Koneva, S.P.; Ushatinskaya, G.T. (2008) New Upper Cambrian Lingulata (Brachiopoda) from the Agyrek mountains (northeastern central Kazakhstan). Paleontological Journal 42(2): 139-148 [Paleontologicheskii Zhurnal 2008(2): 38-45 (in Russian)]	† <i>Repkinella merkulovi</i> Koneva & Ushatinskaya	Brachiopoda: Lingulata: Lingulida: Botsfordioidea: Curticiidae	KAZAKHSTAN: (Agyrek Mountains)
Koneva, S.P.; Ushatinskaya, G.T. (2008) New Upper Cambrian Lingulata (Brachiopoda) from the Agyrek mountains (northeastern central Kazakhstan). Paleontological Journal 42(2): 139-148 [Paleontologicheskii Zhurnal 2008(2): 38-45 (in Russian)]	† <i>Tobejalotreta robusta</i> Koneva & Ushatinskaya	Brachiopoda: Lingulata: Acrotretida: Scaphelasmatidae	KAZAKHSTAN: (Agyrek Mountains)
Koretsky, Irina A.; Peters, Noud (2008) <i>Batavipusa</i> (Carnivora, Phocidae, Phocinae), a new genus from the eastern shore of the North Atlantic Ocean (Miocene seals of the Netherlands, part II). Denisea 12: 53-62	† <i>Batavipusa neerlandica</i>	Mammalia: Carnivora: Phocidae	BELGIUM: Antwerp Province*
Koretsky, Irina A.; Peters, Noud (2008) <i>Batavipusa</i> (Carnivora, Phocidae, Phocinae), a new genus from the eastern shore of the North Atlantic Ocean (Miocene seals of the Netherlands, part II). Denisea 12: 53-62	† <i>Batavipusa neerlandica</i>	Mammalia: Carnivora: Phocidae	NETHERLANDS: North Brabant Province*
Korn, Dieter; Ebbighausen, Volker (2008) The Early Carboniferous (Mississippian) ammonoids from the Chebket el Hamra (Jerada Basin, Morocco). Fossil Record 11(2): 83-156	† <i>Arnsbergites ferrus</i>	Ammonoidea: Goniatitida: Goniatitidae	MOROCCO: Oriental Region*
Korn, Dieter; Ebbighausen, Volker (2008) The Early Carboniferous (Mississippian) ammonoids from the Chebket el Hamra (Jerada Basin, Morocco). Fossil Record 11(2): 83-156	† <i>Arnsbergites proieturus</i>	Ammonoidea: Goniatitida: Goniatitidae	MOROCCO: Oriental Region*
Korn, Dieter; Ebbighausen, Volker (2008) The Early Carboniferous (Mississippian) ammonoids from the Chebket el Hamra (Jerada Basin, Morocco). Fossil Record 11(2): 83-156	† <i>Arnsbergites rufus</i>	Ammonoidea: Goniatitida: Goniatitidae	MOROCCO: Oriental Region*
Korn, Dieter; Ebbighausen, Volker (2008) The Early Carboniferous (Mississippian) ammonoids from the Chebket el Hamra (Jerada Basin, Morocco). Fossil Record 11(2): 83-156	† <i>Eoglyphioceras minutum</i>	Ammonoidea: Goniatitida: Muensteroceratidae	MOROCCO: Oriental Region*
Korn, Dieter; Ebbighausen, Volker (2008) The Early Carboniferous (Mississippian) ammonoids from the Chebket el Hamra (Jerada Basin, Morocco). Fossil Record 11(2): 83-156	† <i>Girtyoceras ibnkhalidouni</i>	Ammonoidea: Goniatitida: Girtyoceratidae	MOROCCO: Oriental Region*
Korn, Dieter; Ebbighausen, Volker (2008) The Early Carboniferous (Mississippian) ammonoids from the Chebket el Hamra (Jerada Basin, Morocco). Fossil Record 11(2): 83-156	† <i>Hibernicoceras artibatum</i>	Ammonoidea: Goniatitida: Goniatitidae	MOROCCO: Oriental Region*
Korn, Dieter; Ebbighausen, Volker (2008) The Early Carboniferous (Mississippian) ammonoids from the Chebket el Hamra (Jerada Basin, Morocco). Fossil Record 11(2): 83-156	† <i>Hibernicoceras touissitense</i>	Ammonoidea: Goniatitida: Goniatitidae	MOROCCO: Oriental Region*

Korn, Dieter; Ebbighausen, Volker (2008) The Early Carboniferous (Mississippian) ammonoids from the Chebket el Hamra (Jerada Basin, Morocco). Fossil Record 11(2): 83-156	† <i>Lusitanoceras zirari</i>	Ammonoidea: Goniatitida: Goniatitidae	MOROCCO: Oriental Region*
Korn, Dieter; Ebbighausen, Volker (2008) The Early Carboniferous (Mississippian) ammonoids from the Chebket el Hamra (Jerada Basin, Morocco). Fossil Record 11(2): 83-156	† <i>Metadimorphoceras anguinsum</i>	Ammonoidea: Goniatitida: Dimorphoceratidae	MOROCCO: Oriental Region*
Korn, Dieter; Ebbighausen, Volker (2008) The Early Carboniferous (Mississippian) ammonoids from the Chebket el Hamra (Jerada Basin, Morocco). Fossil Record 11(2): 83-156	† <i>Paraglyphioceras celeris</i>	Ammonoidea: Goniatitida: Goniatitidae	MOROCCO: Oriental Region*
Korn, Dieter; Ebbighausen, Volker (2008) The Early Carboniferous (Mississippian) ammonoids from the Chebket el Hamra (Jerada Basin, Morocco). Fossil Record 11(2): 83-156	† <i>Pronorites owodenkoi</i>	Ammonoidea: Prolecanitida: Daraelitidae	MOROCCO: Oriental Region*
Korn, Dieter; Ebbighausen, Volker (2008) The Early Carboniferous (Mississippian) ammonoids from the Chebket el Hamra (Jerada Basin, Morocco). Fossil Record 11(2): 83-156	† <i>Sudeticeras horoni</i>	Ammonoidea: Goniatitida: Goniatitidae	MOROCCO: Oriental Region*
Korn, Dieter; Ebbighausen, Volker (2008) The Early Carboniferous (Mississippian) ammonoids from the Chebket el Hamra (Jerada Basin, Morocco). Fossil Record 11(2): 83-156	† <i>Sudeticeras ibnbajjahi</i>	Ammonoidea: Goniatitida: Goniatitidae	MOROCCO: Oriental Region*
Korn, Dieter; Weyer, Dieter; Bockwinkel, Jürgen; Ebbighausen, Volker (2008) <i>Duodecimedusina stella</i> n sp., an Early Carboniferous (Mississippian) problematicum from Algeria. Neues Jahrbuch für Geologie und Paläontologie Abhandlungen 247(1): 9-13	† <i>Duodecimedusina stella</i>	taxon unknown	ALGERIA: Adrar*
Korth, William W. (2008) Early Arikareean (Late Oligocene) Eomyidae (Mammalia, Rodentia) from Nebraska. Paludicola 6(4): 144-154	† <i>Neoadjidaumo hemedapus</i>	Mammalia: Rodentia: Eomyidae	USA: Nebraska: Dawes County*
Korth, William W. (2008) Early Arikareean (Late Oligocene) Eomyidae (Mammalia, Rodentia) from Nebraska. Paludicola 6(4): 144-154	† <i>Pentabuneomys engesseri</i>	Mammalia: Rodentia: Eomyidae	USA: Nebraska: Dawes County*
Korth, William W. (2008) Mammals from the Blue Ash Local Fauna (Late Oligocene), South Dakota. Rodentia, Part 2: Families Florentiamyidae and Geomyidae. Paludicola 7(1): 14-25	† <i>Hitonkala martintau</i>	Mammalia: Rodentia: Florentiamyidae	USA: South Dakota: NA*
Korth, William W. (2008) Two new pocket mice (Mammalia, Rodentia, Heteromyidae) from the Miocene of Nebraska and New Mexico, and the early evolution of the subfamily Perognathinae. Geodiversitas 30(3): 593-609	† <i>Eochaetodipus asulcatus</i>	Mammalia: Rodentia: Heteromyidae	USA: Nebraska: Sheridan County*
Korth, William W. (2008) Two new pocket mice (Mammalia, Rodentia, Heteromyidae) from the Miocene of Nebraska and New Mexico, and the early evolution of the subfamily Perognathinae. Geodiversitas 30(3): 593-609	† <i>Mioperognathus willardi</i>	Mammalia: Rodentia: Heteromyidae	USA: New Mexico: Santa Fe County*
Koteja, Jan (2008) Xylococcidae and related groups (Hemiptera: Coccinea) from Baltic amber. Prace Muzeum Ziemi 49: 19-56	† <i>Arnoldus capitatus</i>	Hemiptera: Arnoldidae	("Baltic amber")
Koteja, Jan (2008) Xylococcidae and related groups (Hemiptera: Coccinea) from Baltic amber. Prace Muzeum Ziemi 49: 19-56	† <i>Arnoldus clavatus</i>	Hemiptera: Arnoldidae	("Baltic amber")
Koteja, Jan (2008) Xylococcidae and related groups (Hemiptera: Coccinea) from Baltic amber. Prace Muzeum Ziemi 49: 19-56	† <i>Grohnus eichmanni</i>	Hemiptera: Grohniidae	("Baltic amber")
Koteja, Jan (2008) Xylococcidae and related groups (Hemiptera: Coccinea) from Baltic amber. Prace Muzeum Ziemi 49: 19-56	† <i>Hoffeinsia foldii</i>	Hemiptera: Kuwaniidae	("Baltic amber")

Koteja, Jan (2008) Xylococcidae and related groups (Hemiptera: Coccinea) from Baltic amber. Prace Muzeum Ziemi 49: 19-56	† <i>Hoffeinsia foldii</i>	Hemiptera: Kuwaniidae	GERMANY: Saxony-Anhalt State* (Bitterfeld amber)
Koteja, Jan (2008) Xylococcidae and related groups (Hemiptera: Coccinea) from Baltic amber. Prace Muzeum Ziemi 49: 19-56	† <i>Lithuanicoccus damzeni</i>	Hemiptera: Lithuanicoccidae	("Baltic amber")
Koteja, Jan (2008) Xylococcidae and related groups (Hemiptera: Coccinea) from Baltic amber. Prace Muzeum Ziemi 49: 19-56	† <i>Lithuanicoccus damzeni</i>	Hemiptera: Lithuanicoccidae	GERMANY: Saxony-Anhalt State* (Bitterfeld amber)
Koteja, Jan (2008) Xylococcidae and related groups (Hemiptera: Coccinea) from Baltic amber. Prace Muzeum Ziemi 49: 19-56	† <i>Lithuanicoccus kosmowskiae</i>	Hemiptera: Lithuanicoccidae	("Baltic amber")
Koteja, Jan (2008) Xylococcidae and related groups (Hemiptera: Coccinea) from Baltic amber. Prace Muzeum Ziemi 49: 19-56	† <i>Serafinus acutipterus</i>	Hemiptera: Serafinidae	("Baltic amber")
Koteja, Jan (2008) Xylococcidae and related groups (Hemiptera: Coccinea) from Baltic amber. Prace Muzeum Ziemi 49: 19-56	† <i>Weitschatus stigmatus</i>	Hemiptera: Weitschatidae	("Baltic amber")
Koteja, Jan (2008) Xylococcidae and related groups (Hemiptera: Coccinea) from Baltic amber. Prace Muzeum Ziemi 49: 19-56	† <i>Weitschatus stigmatus</i>	Hemiptera: Weitschatidae	GERMANY: Saxony-Anhalt State* (Bitterfeld amber)
Koteja, Jan (2008) Xylococcidae and related groups (Hemiptera: Coccinea) from Baltic amber. Prace Muzeum Ziemi 49: 19-56	† <i>Weitschatus vysniauskasi</i>	Hemiptera: Weitschatidae	("Baltic amber")
Koteja, Jan (2008) Xylococcidae and related groups (Hemiptera: Coccinea) from Baltic amber. Prace Muzeum Ziemi 49: 19-56	† <i>Xylococcus grabenhorsti</i>	Hemiptera: Xylococcidae	("Baltic amber")
Koteja, Jan (2008) Xylococcidae and related groups (Hemiptera: Coccinea) from Baltic amber. Prace Muzeum Ziemi 49: 19-56	† <i>Xylococcus grabenhorsti</i>	Hemiptera: Xylococcidae	GERMANY: Saxony-Anhalt State* (Bitterfeld amber)
Koteja, Jan (2008) Xylococcidae and related groups (Hemiptera: Coccinea) from Baltic amber. Prace Muzeum Ziemi 49: 19-56	† <i>Xylococcus kutscheri</i>	Hemiptera: Xylococcidae	GERMANY: Saxony-Anhalt State* (Bitterfeld amber)
Koteja, Jan; Azar, Dany (2008) Scale insects from Lower Cretaceous amber of Lebanon (Hemiptera: Sternorrhyncha: Coccinea). Alavesia 2: 133-167	† <i>Apticoccus minutus</i>	Hemiptera: ?Electrococcidae	LEBANON: Mount Lebanon Governorate*
Koteja, Jan; Azar, Dany (2008) Scale insects from Lower Cretaceous amber of Lebanon (Hemiptera: Sternorrhyncha: Coccinea). Alavesia 2: 133-167	† <i>Cretorthezia hammanaica</i>	Hemiptera: Ortheziidae	LEBANON: Mount Lebanon Governorate*
Koteja, Jan; Azar, Dany (2008) Scale insects from Lower Cretaceous amber of Lebanon (Hemiptera: Sternorrhyncha: Coccinea). Alavesia 2: 133-167	† <i>Hammanococcus setosus</i>	Hemiptera: Hammanococcidae	LEBANON: Mount Lebanon Governorate*
Koteja, Jan; Azar, Dany (2008) Scale insects from Lower Cretaceous amber of Lebanon (Hemiptera: Sternorrhyncha: Coccinea). Alavesia 2: 133-167	† <i>Lebanococcus longiventris</i>	Hemiptera: Lebanococcidae	LEBANON: Mount Lebanon Governorate*
Koteja, Jan; Azar, Dany (2008) Scale insects from Lower Cretaceous amber of Lebanon (Hemiptera: Sternorrhyncha: Coccinea). Alavesia 2: 133-167	† <i>Palaeosteingelia acrai</i>	Coleoptera: Steingeliidae	LEBANON: Mount Lebanon Governorate*

Koteja, Jan; Azar, Dany (2008) Scale insects from Lower Cretaceous amber of Lebanon (Hemiptera: Sternorrhyncha: Coccinea). <i>Alavesia</i> 2: 133-167	† <i>Palaeosteingelia caudata</i>	Coleoptera: Steingeliidae	LEBANON: Mount Lebanon Governorate*
Koteja, Jan; Azar, Dany (2008) Scale insects from Lower Cretaceous amber of Lebanon (Hemiptera: Sternorrhyncha: Coccinea). <i>Alavesia</i> 2: 133-167	† <i>Palaeotupo danieleae</i>	Hemiptera: ?Putoidae	LEBANON: Mount Lebanon Governorate*
Koteja, Jan; Azar, Dany (2008) Scale insects from Lower Cretaceous amber of Lebanon (Hemiptera: Sternorrhyncha: Coccinea). <i>Alavesia</i> 2: 133-167	† <i>Pennygullania electrina</i>	Hemiptera: Pennygullaniidae	LEBANON: Mount Lebanon Governorate*
Kozłowska, Anna; Bates, Denis E.B. (2008) <i>Kirkigraptus</i> , a new retiolitid graptolite from Poland. <i>Acta Palaeontologica Polonica</i> 53(1): 105-112	† <i>Kirkigraptus inexpectans</i>	Hemichordata: Graptolithina: Retiolitidae	POLAND: Warmian-Masurian Voivodeship*
Kozur, Heinz W.; Mostler, Helfried (2008) Neue Holothurien-Sklerite aus dem unteren Wordian vom nordwestrand des Delaware Beckens am Südosthang der Guadalupe Mountains (West-Texas, USA). <i>Geo.Alp</i> 5: 107-119	† <i>Acanthorota permiana</i>	Echinodermata: Holothuroidea: Myriotrochidae	USA: Texas: NA* (Cherry Canyon Formation)
Kozur, Heinz W.; Mostler, Helfried (2008) Neue Holothurien-Sklerite aus dem unteren Wordian vom nordwestrand des Delaware Beckens am Südosthang der Guadalupe Mountains (West-Texas, USA). <i>Geo.Alp</i> 5: 107-119	† <i>Acanthoschizorota variabilis</i>	Echinodermata: Holothuroidea: Myriotrochidae	USA: Texas: NA* (Cherry Canyon Formation)
Kozur, Heinz W.; Mostler, Helfried; Repetski, John E. (2008) A new heteractinellid calcareous sponge from the lowermost Ordovician of Nevada and a description of the suborder Heteractinellidae. <i>Geo.Alp</i> 5: 53-67	† <i>Contignatiospongia nevadensis</i>	Porifera: Calcarea: Astraeospongidae	USA: Nevada: Eureka County*
Kozur, Heinz W.; Mostler, Helfried; Repetski, John E. (2008) A new heteractinellid calcareous sponge from the lowermost Ordovician of Nevada and a description of the suborder Heteractinellidae. <i>Geo.Alp</i> 5: 53-67	† <i>Conwaymorrisispongia bengtsoni</i>	Porifera: Calcarea: Astraeospongidae	AUSTRALIA: South Australia*
Kozur, Heinz W.; Mostler, Helfried; Repetski, John E. (2008) A new heteractinellid calcareous sponge from the lowermost Ordovician of Nevada and a description of the suborder Heteractinellidae. <i>Geo.Alp</i> 5: 53-67	† <i>Conwaymorrisispongia ornata</i>	Porifera: Calcarea: Astraeospongidae	AUSTRALIA: South Australia*
Kozur, Heinz W.; Mostler, Helfried; Repetski, John E. (2008) A new heteractinellid calcareous sponge from the lowermost Ordovician of Nevada and a description of the suborder Heteractinellidae. <i>Geo.Alp</i> 5: 53-67	† <i>Ensiferites langeri</i>	Porifera: Calcarea: Astraeospongidae	GERMANY (Eifel – a mountain range which spans several states)
Krassilov, Valentin; Volynets, Yelena (2008) Weedy Albian angiosperms. <i>Acta Palaeobotanica</i> 48(2): 151-169	† <i>Achaenocarpites capitellatus</i> Krassilov & Volynets	Angiospermae:	RUSSIA: Primorsky Krai*
Krassilov, Valentin; Volynets, Yelena (2008) Weedy Albian angiosperms. <i>Acta Palaeobotanica</i> 48(2): 151-169	† <i>Ternicarpites floribundus</i> Krassilov & Volynets	Angiospermae:	RUSSIA: Primorsky Krai*
Krause, J. Marcelo; Bown, Thomas M.; Bellosi, Eduardo S.; Genise, Jorge F. (2008) Trace fossils of cicadas in the Cenozoic of Central Patagonia, Argentina. <i>Palaeontology</i> 51(2):405-418	† <i>Feoichnus challa</i> isp.n.	Hemiptera: Pallichnidae-ichnofamily	ARGENTINA: Chubut*

Krause, J. Marcelo; Bown, Thomas M.; Bellosi, Eduardo S.; Genise, Jorge F. (2008) Trace fossils of cicadas in the Cenozoic of Central Patagonia, Argentina. <i>Palaeontology</i> 51(2):405-418	† <i>Feoichnus challa</i> isp.n.	Hemiptera: Pallichnidae-ichnofamily	ARGENTINA: Santa Cruz*
Krause, J. Marcelo; Bown, Thomas M.; Bellosi, Eduardo S.; Genise, Jorge F. (2008) Trace fossils of cicadas in the Cenozoic of Central Patagonia, Argentina. <i>Palaeontology</i> 51(2):405-418	† <i>Feoichnus challa</i> isp.n.	Hemiptera: Pallichnidae-ichnofamily	ETHIOPIA: Amhara Region*
Krause, J. Marcelo; Bown, Thomas M.; Bellosi, Eduardo S.; Genise, Jorge F. (2008) Trace fossils of cicadas in the Cenozoic of Central Patagonia, Argentina. <i>Palaeontology</i> 51(2):405-418	† <i>Feoichnus challa</i> isp.n.	Hemiptera: Pallichnidae-ichnofamily	KENYA: (Bulak Formation)
Krause, J. Marcelo; Bown, Thomas M.; Bellosi, Eduardo S.; Genise, Jorge F. (2008) Trace fossils of cicadas in the Cenozoic of Central Patagonia, Argentina. <i>Palaeontology</i> 51(2):405-418	† <i>Feoichnus challa</i> isp.n.	Hemiptera: Pallichnidae-ichnofamily	UNITED ARAB EMIRATES: Abu Dhabi*
Krause, J. Marcelo; Bown, Thomas M.; Bellosi, Eduardo S.; Genise, Jorge F. (2008) Trace fossils of cicadas in the Cenozoic of Central Patagonia, Argentina. <i>Palaeontology</i> 51(2):405-418	† <i>Feoichnus challa</i> isp.n.	Hemiptera: Pallichnidae-ichnofamily	USA: Idaho: NA*
Krause, J. Marcelo; Bown, Thomas M.; Bellosi, Eduardo S.; Genise, Jorge F. (2008) Trace fossils of cicadas in the Cenozoic of Central Patagonia, Argentina. <i>Palaeontology</i> 51(2):405-418	† <i>Feoichnus challa</i> isp.n.	Hemiptera: Pallichnidae-ichnofamily	USA: Utah: NA*
Krause, J. Marcelo; Bown, Thomas M.; Bellosi, Eduardo S.; Genise, Jorge F. (2008) Trace fossils of cicadas in the Cenozoic of Central Patagonia, Argentina. <i>Palaeontology</i> 51(2):405-418	† <i>Feoichnus challa</i> isp.n.	Hemiptera: Pallichnidae-ichnofamily	USA: Wyoming: NA*
Krawczyński, Cezary (2008) The Upper Oxfordian (Jurassic) thecideide brachiopods from the Kujawy area, Poland. <i>Acta Geologica Polonica</i> 58(4): 395-406	† <i>Rioulina wapiennensis</i>	Brachiopoda: Thecideida: Thecidellinidae	POLAND: Kuyavian-Pomeranian*
Kriwet, Jürgen (2008) A Late Jurassic carpetshark (Neoselachii, Orectolobiformes) from southern Germany. In: Arratia, Gloria; Schultze, Hans-Peter; Wilson, Mark V.H. (eds.) (2008) Mesozoic Fishes 4. Homology and Phylogeny. Proceedings of the International Meeting, Miraflores de la Sierra, 2005. Verlag Dr. Friedrich Pfeil: München, pp. 443-454	† <i>Palaeorectolobus agomphius</i>	Chondrichthyes: Elasmobranchii: Euselachii: Neoselachii: Orectolobiformes	GERMANY: Bavaria*
Kriwet, Jürgen (2008) A new species of extinct bullhead sharks, <i>Paracestracion viohli</i> sp. nov. (Neoselachii, Heterodontiformes), from the Upper Jurassic of South Germany. <i>Acta Geologica Polonica</i> 58(2): 235-241	† <i>Paracestracion viohli</i>	Teleostei: Chondrichthyes: Heterodontidae	GERMANY: Bayern*
Kriwet, Jürgen; Klug, Stefanie; Canudo, José I.; Cuenca-Bescos, Gloria (2008) A new Early Cretaceous lamniform shark (Chondrichthyes, Neoselachii). <i>Zoological Journal of the Linnean Society</i> 154(2):278-290	† <i>Eoptolamna eccentricolopha</i>	Chondrichthyes: Elasmobranchii: Neoselachii: Lamniformes: Eoptolamnidae	SPAIN: Aragon Autonomous Community* (Zaragoza / Saragozza Province)
Kříž, Jiří (2008) <i>Algerina</i> gen. nov. (Bivalvia, Nepiomorphia) from the Silurian of the North Gondwana margin (Algeria), peri-Gondwanan Europe (France, Italy), Perunica (Prague Basin, Bohemia) and the Siberian Plate (Tajmyr Basin, Russia). <i>Bulletin of Geosciences</i> 83(1): 79-84	† <i>Algerina algena</i>	Mollusca: Bivalvia: Nepiomorphia: Antipleuroida: Spanilidae	ALGERIA (Ougarta Range, Oued Ali Section)

Kříž, Jiří (2008) <i>Algerina</i> gen. nov. (Bivalvia, Nepiomorphia) from the Silurian of the North Gondwana margin (Algeria), peri-Gondwanan Europe (France, Italy), Perunica (Prague Basin, Bohemia) and the Siberian Plate (Tajmyr Basin, Russia). Bulletin of Geosciences 83(1): 79-84	† <i>Algerina algena</i>	Mollusca: Bivalvia: Nepiomorphia: Antipleuroida: Spanilidae	ALGERIA (western Hoggar Mountains, Ahnet Massif, Fourn Belrem Section, 25°56'92"N 03°14'01"E)
Kröger, Björn (2008) Nautiloids before and during the origin of ammonoids in a Siluro-Devonian section in the Tafilalt, Anti-Atlas, Morocco. Special Papers in Palaeontology 79: 1-110	† <i>Adiagoceras taouzense</i>	Mollusca: Cephalopoda: Orthoceratida:	MOROCCO: Meknès-Tafilalet*
Kröger, Björn (2008) Nautiloids before and during the origin of ammonoids in a Siluro-Devonian section in the Tafilalt, Anti-Atlas, Morocco. Special Papers in Palaeontology 79: 1-110	† <i>Angeisonoceras reteornatum</i>	Mollusca: Cephalopoda: Orthoceratida:	MOROCCO: Meknès-Tafilalet*
Kröger, Björn (2008) Nautiloids before and during the origin of ammonoids in a Siluro-Devonian section in the Tafilalt, Anti-Atlas, Morocco. Special Papers in Palaeontology 79: 1-110	† <i>Bohemiojovellania adrae</i>	Mollusca: Cephalopoda: Oncocerida:	MOROCCO: Meknès-Tafilalet*
Kröger, Björn (2008) Nautiloids before and during the origin of ammonoids in a Siluro-Devonian section in the Tafilalt, Anti-Atlas, Morocco. Special Papers in Palaeontology 79: 1-110	† <i>Bohemiojovellania obliquum</i>	Mollusca: Cephalopoda: Oncocerida:	MOROCCO: Meknès-Tafilalet*
Kröger, Björn (2008) Nautiloids before and during the origin of ammonoids in a Siluro-Devonian section in the Tafilalt, Anti-Atlas, Morocco. Special Papers in Palaeontology 79: 1-110	† <i>Brevioceras magnum</i>	Mollusca: Cephalopoda: Oncocerida:	MOROCCO: Meknès-Tafilalet*
Kröger, Björn (2008) Nautiloids before and during the origin of ammonoids in a Siluro-Devonian section in the Tafilalt, Anti-Atlas, Morocco. Special Papers in Palaeontology 79: 1-110	† <i>Cerovoceras brevidomus</i>	Mollusca: Cephalopoda: Oncocerida:	MOROCCO: Meknès-Tafilalet*
Kröger, Björn (2008) Nautiloids before and during the origin of ammonoids in a Siluro-Devonian section in the Tafilalt, Anti-Atlas, Morocco. Special Papers in Palaeontology 79: 1-110	† <i>Cerovoceras fatimi</i>	Mollusca: Cephalopoda: Oncocerida:	MOROCCO: Meknès-Tafilalet*
Kröger, Björn (2008) Nautiloids before and during the origin of ammonoids in a Siluro-Devonian section in the Tafilalt, Anti-Atlas, Morocco. Special Papers in Palaeontology 79: 1-110	† <i>Chebbioceras erfoudense</i>	Mollusca: Cephalopoda: Orthoceratida:	MOROCCO: Meknès-Tafilalet*
Kröger, Björn (2008) Nautiloids before and during the origin of ammonoids in a Siluro-Devonian section in the Tafilalt, Anti-Atlas, Morocco. Special Papers in Palaeontology 79: 1-110	† <i>Deiroceras hollardi</i>	Mollusca: Cephalopoda: Actinocerida:	MOROCCO: Meknès-Tafilalet*
Kröger, Björn (2008) Nautiloids before and during the origin of ammonoids in a Siluro-Devonian section in the Tafilalt, Anti-Atlas, Morocco. Special Papers in Palaeontology 79: 1-110	† <i>Devonobactrites emsinense</i>	Mollusca: Cephalopoda: Bactritoida:	MOROCCO: Meknès-Tafilalet*
Kröger, Björn (2008) Nautiloids before and during the origin of ammonoids in a Siluro-Devonian section in the Tafilalt, Anti-Atlas, Morocco. Special Papers in Palaeontology 79: 1-110	† <i>Geidoloceras ouaoufilalense</i>	Mollusca: Cephalopoda: Pseudorthoceratida:	MOROCCO: Meknès-Tafilalet*
Kröger, Björn (2008) Nautiloids before and during the origin of ammonoids in a Siluro-Devonian section in the Tafilalt, Anti-Atlas, Morocco. Special Papers in Palaeontology 79: 1-110	† <i>Hemicosmorthoceras aichae</i>	Mollusca: Cephalopoda: Orthoceratida:	MOROCCO: Meknès-Tafilalet*

Kröger, Björn (2008) Nautiloids before and during the origin of ammonoids in a Siluro-Devonian section in the Tafilalt, Anti-Atlas, Morocco. Special Papers in Palaeontology 79: 1-110	† <i>Infundibuloceras longicameratum</i>	Mollusca: Cephalopoda: Orthoceratida:	MOROCCO: Meknès-Tafilalet*
Kröger, Björn (2008) Nautiloids before and during the origin of ammonoids in a Siluro-Devonian section in the Tafilalt, Anti-Atlas, Morocco. Special Papers in Palaeontology 79: 1-110	† <i>Infundibuloceras mohamadi</i>	Mollusca: Cephalopoda: Orthoceratida:	MOROCCO: Meknès-Tafilalet*
Kröger, Björn (2008) Nautiloids before and during the origin of ammonoids in a Siluro-Devonian section in the Tafilalt, Anti-Atlas, Morocco. Special Papers in Palaeontology 79: 1-110	† <i>Jovellania cheirae</i>	Mollusca: Cephalopoda: Oncocerida:	MOROCCO: Meknès-Tafilalet*
Kröger, Björn (2008) Nautiloids before and during the origin of ammonoids in a Siluro-Devonian section in the Tafilalt, Anti-Atlas, Morocco. Special Papers in Palaeontology 79: 1-110	† <i>Metarmenoceras fatimae</i>	Mollusca: Cephalopoda: Actinocerida:	MOROCCO: Meknès-Tafilalet*
Kröger, Björn (2008) Nautiloids before and during the origin of ammonoids in a Siluro-Devonian section in the Tafilalt, Anti-Atlas, Morocco. Special Papers in Palaeontology 79: 1-110	† <i>Mutoblakeoceras inconstans</i>	Mollusca: Cephalopoda: Oncocerida:	MOROCCO: Meknès-Tafilalet*
Kröger, Björn (2008) Nautiloids before and during the origin of ammonoids in a Siluro-Devonian section in the Tafilalt, Anti-Atlas, Morocco. Special Papers in Palaeontology 79: 1-110	† <i>Neocycloceras? termierorum</i>	Mollusca: Cephalopoda: Pseudorthoceratida:	MOROCCO: Meknès-Tafilalet*
Kröger, Björn (2008) Nautiloids before and during the origin of ammonoids in a Siluro-Devonian section in the Tafilalt, Anti-Atlas, Morocco. Special Papers in Palaeontology 79: 1-110	† <i>Orthocycloceras tafilaltense</i>	Mollusca: Cephalopoda: Orthoceratida:	MOROCCO: Meknès-Tafilalet*
Kröger, Björn (2008) Nautiloids before and during the origin of ammonoids in a Siluro-Devonian section in the Tafilalt, Anti-Atlas, Morocco. Special Papers in Palaeontology 79: 1-110	† <i>Plagiostomoceras lategruenwaldti</i>	Mollusca: Cephalopoda: Orthoceratida:	MOROCCO: Meknès-Tafilalet*
Kröger, Björn (2008) Nautiloids before and during the origin of ammonoids in a Siluro-Devonian section in the Tafilalt, Anti-Atlas, Morocco. Special Papers in Palaeontology 79: 1-110	† <i>Plagiostomoceras reticulatum</i>	Mollusca: Cephalopoda: Orthoceratida:	MOROCCO: Meknès-Tafilalet*
Kröger, Björn (2008) Nautiloids before and during the origin of ammonoids in a Siluro-Devonian section in the Tafilalt, Anti-Atlas, Morocco. Special Papers in Palaeontology 79: 1-110	† <i>Pseudendoplectoceras lahceni</i>	Mollusca: Cephalopoda: Oncocerida:	MOROCCO: Meknès-Tafilalet*
Kröger, Björn (2008) Nautiloids before and during the origin of ammonoids in a Siluro-Devonian section in the Tafilalt, Anti-Atlas, Morocco. Special Papers in Palaeontology 79: 1-110	† <i>Pseudospyroceras reticulum</i>	Mollusca: Cephalopoda: Orthoceratida:)--NOTE: Species name spelled "reticulatum" in abstract	MOROCCO: Meknès-Tafilalet*
Kröger, Björn (2008) Nautiloids before and during the origin of ammonoids in a Siluro-Devonian section in the Tafilalt, Anti-Atlas, Morocco. Special Papers in Palaeontology 79: 1-110	† <i>Sichuanoceras zizense</i>	Mollusca: Cephalopoda: Orthoceratida:	MOROCCO: Meknès-Tafilalet*
Kröger, Björn (2008) Nautiloids before and during the origin of ammonoids in a Siluro-Devonian section in the Tafilalt, Anti-Atlas, Morocco. Special Papers in Palaeontology 79: 1-110	† <i>Spyroceras cyrtopatronus</i>	Mollusca: Cephalopoda: Pseudorthoceratida:	MOROCCO: Meknès-Tafilalet*

Kröger, Björn (2008) Nautiloids before and during the origin of ammonoids in a Siluro-Devonian section in the Tafilalt, Anti-Atlas, Morocco. Special Papers in Palaeontology 79: 1-110	† <i>Spyroceras latepatronus</i>	Mollusca: Cephalopoda: Pseudorthoceratida:	MOROCCO: Meknès-Tafilalet*
Kröger, Björn (2008) Nautiloids before and during the origin of ammonoids in a Siluro-Devonian section in the Tafilalt, Anti-Atlas, Morocco. Special Papers in Palaeontology 79: 1-110	† <i>Subdoloceras atrouzenze</i>	Mollusca: Cephalopoda: Pseudorthoceratida:	MOROCCO: Meknès-Tafilalet*
Kröger, Björn (2008) Nautiloids before and during the origin of ammonoids in a Siluro-Devonian section in the Tafilalt, Anti-Atlas, Morocco. Special Papers in Palaeontology 79: 1-110	† <i>Subdoloceras engeseri</i>	Mollusca: Cephalopoda: Pseudorthoceratida:	MOROCCO: Meknès-Tafilalet*
Kröger, Björn (2008) Nautiloids before and during the origin of ammonoids in a Siluro-Devonian section in the Tafilalt, Anti-Atlas, Morocco. Special Papers in Palaeontology 79: 1-110	† <i>Subdoloceras tafilaltense</i>	Mollusca: Cephalopoda: Pseudorthoceratida:	MOROCCO: Meknès-Tafilalet*
Kröger, Björn (2008) Nautiloids before and during the origin of ammonoids in a Siluro-Devonian section in the Tafilalt, Anti-Atlas, Morocco. Special Papers in Palaeontology 79: 1-110	† <i>Subormoceras erfoudense</i>	Mollusca: Cephalopoda: Pseudorthoceratida:	MOROCCO: Meknès-Tafilalet*
Kröger, Björn (2008) Nautiloids before and during the origin of ammonoids in a Siluro-Devonian section in the Tafilalt, Anti-Atlas, Morocco. Special Papers in Palaeontology 79: 1-110	† <i>Subormoceras rissaniense</i>	Mollusca: Cephalopoda: Pseudorthoceratida:	MOROCCO: Meknès-Tafilalet*
Kröger, Björn (2008) Nautiloids before and during the origin of ammonoids in a Siluro-Devonian section in the Tafilalt, Anti-Atlas, Morocco. Special Papers in Palaeontology 79: 1-110	† <i>Suloceras longipulchrum</i>	Mollusca: Cephalopoda: Pseudorthoceratida:	MOROCCO: Meknès-Tafilalet*
Kröger, Björn (2008) Nautiloids before and during the origin of ammonoids in a Siluro-Devonian section in the Tafilalt, Anti-Atlas, Morocco. Special Papers in Palaeontology 79: 1-110	† <i>Tafilaltoceras adgoi</i>	Mollusca: Cephalopoda: Oncocerida:	MOROCCO: Meknès-Tafilalet*
Kröger, Björn (2008) Nautiloids before and during the origin of ammonoids in a Siluro-Devonian section in the Tafilalt, Anti-Atlas, Morocco. Special Papers in Palaeontology 79: 1-110	† <i>Temperoceras aequinudum</i>	Mollusca: Cephalopoda: Orthoceratida:	MOROCCO: Meknès-Tafilalet*
Kröger, Björn (2008) Nautiloids before and during the origin of ammonoids in a Siluro-Devonian section in the Tafilalt, Anti-Atlas, Morocco. Special Papers in Palaeontology 79: 1-110	† <i>Theoceras filondouzenze</i>	Mollusca: Cephalopoda: Orthoceratida:	MOROCCO: Meknès-Tafilalet*
Kröger, Björn (2008) Nautiloids before and during the origin of ammonoids in a Siluro-Devonian section in the Tafilalt, Anti-Atlas, Morocco. Special Papers in Palaeontology 79: 1-110	† <i>Tibichoanoceras tibichoanum</i>	Mollusca: Cephalopoda: Orthoceratida:	MOROCCO: Meknès-Tafilalet*
Kröger, Björn (2008) Nautiloids before and during the origin of ammonoids in a Siluro-Devonian section in the Tafilalt, Anti-Atlas, Morocco. Special Papers in Palaeontology 79: 1-110	† <i>Ventrobalachovia zhuravlevae</i>	Mollusca: Cephalopoda: Oncocerida:	MOROCCO: Meknès-Tafilalet*
Kröger, Björn; Landing, Ed (2008) Onset of the Ordovician cephalopod radiation: Evidence from the Rochdale Formation (middle Early Ordovician, Stairsian) in eastern New York. Geological Magazine 145(4): 490-520	† <i>Bassleroceras champlainensis</i>	Mollusca: Cephalopoda: Bassleroceratidae	USA: New York: Washington County*
Kröger, Björn; Landing, Ed (2008) Onset of the Ordovician cephalopod radiation: Evidence from the Rochdale Formation (middle Early Ordovician, Stairsian) in eastern New York. Geological Magazine 145(4): 490-520	† <i>Bassleroceras smithbasinense</i>	Mollusca: Cephalopoda: Bassleroceratidae	USA: New York: Washington County*

Kröger, Björn; Landing, Ed (2008) Onset of the Ordovician cephalopod radiation: Evidence from the Rochdale Formation (middle Early Ordovician, Stairsian) in eastern New York. Geological Magazine 145(4): 490-520	† <i>Bassleroceras triangulum</i>	Mollusca: Cephalopoda: Bassleroceratidae	USA: New York: Washington County*
Kröger, Björn; Landing, Ed (2008) Onset of the Ordovician cephalopod radiation: Evidence from the Rochdale Formation (middle Early Ordovician, Stairsian) in eastern New York. Geological Magazine 145(4): 490-520	† <i>Exoclitendoceras rochdalense</i>	Mollusca: Cephalopoda: Proterocameroceratidae	USA: New York: Washington County*
Kröger, Björn; Landing, Ed (2008) Onset of the Ordovician cephalopod radiation: Evidence from the Rochdale Formation (middle Early Ordovician, Stairsian) in eastern New York. Geological Magazine 145(4): 490-520	† <i>Mccluskiceras comstockense</i>	Mollusca: Cephalopoda: Proterocameroceratidae	USA: New York: Washington County*
Kröger, Björn; Landing, Ed (2008) Onset of the Ordovician cephalopod radiation: Evidence from the Rochdale Formation (middle Early Ordovician, Stairsian) in eastern New York. Geological Magazine 145(4): 490-520	† <i>Paraendoceras depressum</i>	Mollusca: Cephalopoda: Proterocameroceratidae	USA: New York: Dutchess County*
Kröger, Björn; Landing, Ed (2008) Onset of the Ordovician cephalopod radiation: Evidence from the Rochdale Formation (middle Early Ordovician, Stairsian) in eastern New York. Geological Magazine 145(4): 490-520	† <i>Paraendoceras depressum</i>	Mollusca: Cephalopoda: Proterocameroceratidae	USA: New York: Washington County*
Krstić, N.; Keyser, D. (2008) The tribe Cypriini Kovalenko (Ostracoda, Crustacea) from the Upper Pliocene of Metohia (Kosovo, Serbia). Bulletin de l'Académie Serbe des Sciences et des Arts. Classe des Sciences Mathématiques et Naturelles. Sciences Naturelles 135(44): 57-83	† <i>Benthocypria cabrati</i>	Crustacea: Ostracoda: Candonidae	SERBIA
Krstić, N.; Keyser, D. (2008) The tribe Cypriini Kovalenko (Ostracoda, Crustacea) from the Upper Pliocene of Metohia (Kosovo, Serbia). Bulletin de l'Académie Serbe des Sciences et des Arts. Classe des Sciences Mathématiques et Naturelles. Sciences Naturelles 135(44): 57-83	† <i>Benthocypria duskaiae</i>	Crustacea: Ostracoda: Candonidae	SERBIA
Krstić, N.; Keyser, D. (2008) The tribe Cypriini Kovalenko (Ostracoda, Crustacea) from the Upper Pliocene of Metohia (Kosovo, Serbia). Bulletin de l'Académie Serbe des Sciences et des Arts. Classe des Sciences Mathématiques et Naturelles. Sciences Naturelles 135(44): 57-83	† <i>Benthocypria ruhoti</i>	Crustacea: Ostracoda: Candonidae	SERBIA
Krstić, N.; Keyser, D. (2008) The tribe Cypriini Kovalenko (Ostracoda, Crustacea) from the Upper Pliocene of Metohia (Kosovo, Serbia). Bulletin de l'Académie Serbe des Sciences et des Arts. Classe des Sciences Mathématiques et Naturelles. Sciences Naturelles 135(44): 57-83	† <i>Benthocypria trigonella</i>	Crustacea: Ostracoda: Candonidae	SERBIA
Kruse, Peter D.; Zhuravlev, Andrey Yu (2008) Middle-Late Cambrian <i>Rankenella-Girvanella</i> reefs of the Mila Formation, northern Iran. Canadian Journal of Earth Sciences 45(6): 619-639	† <i>Rankenella hamdii</i>	Porifera: Demospongiae: Orchocladina: Anthaspidellidae	IRAN: Semnan*
Krutzsch, Wilfried (2008) <i>Buxus</i> (Buxaceen) Pollenformen aus alttertiären Ablagerungen Mitteleuropas und ihre paläochorologische Bedeutung. Feddes Repertorium 119(3-4): 207-216	† <i>Irregularispollis irregularis</i>	turma...	GERMANY: Lower Saxony State*

Krutzsch, Wilfried (2008) <i>Buxus</i> (Buxaceen) Pollenformen aus alttertiären Ablagerungen Mitteleuropas und ihre paläochoorologische Bedeutung. Feddes Repertorium 119(3-4): 207-216	† <i>Pentatricolporopollis helmstedtensis</i>	turma...	GERMANY: Lower Saxony State*
Krutzsch, Wilfried (2008) <i>Buxus</i> (Buxaceen) Pollenformen aus alttertiären Ablagerungen Mitteleuropas und ihre paläochoorologische Bedeutung. Feddes Repertorium 119(3-4): 207-216	† <i>Transmorphopollis subherycynicus</i>	turma...	GERMANY: Lower Saxony State*
Krutzsch, Wilfried (2008) <i>Buxus</i> (Buxaceen) Pollenformen aus alttertiären Ablagerungen Mitteleuropas und ihre paläochoorologische Bedeutung. Feddes Repertorium 119(3-4): 207-216	† <i>Tritricolporopollis reticulatus</i>	turma...	GERMANY: Sachsen State*
Krzemiński, Wiesław; Arillo, Antonio (2008) A new species, <i>Symplecta (Psiloconopa) penalveri</i> n. sp. (Diptera, Limoniidae) from the Miocene of Spain. Alavesia 2: 211-213	† <i>Symplecta (Psiloconopa) penalveri</i>	Diptera: Limoniidae	SPAIN: Álava Province*
Kulkarni, Kantimati G.; Borkar, V.D.; Petare, Tejashree J. (2008) Ichnofossils from the Fort Member (Middle Jurassic), Jaisalmer Formation, Rajasthan. Journal of the Geological Society of India 71(5): 731-738	† <i>Arenicolites tenuis</i>	Ichnospecies	INDIA: Rajasthan*
Kusuhashi, Nao (2008) Early Cretaceous multituberculate mammals from the Kuwajima Formation (Tetori Group), central Japan. Acta Palaeontologica Polonica 53(3): 379-390	† <i>Hakusanobaatar matsuoi</i>	Mammalia: Multituberculata: Eobaataridae	JAPAN: Ishikawa Prefecture*
Kusuhashi, Nao (2008) Early Cretaceous multituberculate mammals from the Kuwajima Formation (Tetori Group), central Japan. Acta Palaeontologica Polonica 53(3): 379-390	† <i>Tedoribaatar reini</i>	Mammalia: Multituberculata: Eobaataridae	JAPAN: Ishikawa Prefecture*
Kvaček, Jiří (2008) New cycad foliage of <i>Pseudoclenis babinensis</i> from the Bohemian Cenomanian. Sborník Národního Muzea v Praze Řada B - Přírodní Vědy / Acta Musei Nationalis Pragae Series B - Historia Naturalis 64(2-4): 125-131	† <i>Pseudoclenis babinensis</i>	Cycadophyta: Cycadales:	CZECH REPUBLIC: Central Bohemia*
Lak, Malvina; Azar, Dany; Nel, André; Néraudeau, Didier; Tafforeau, Paul (2008) The oldest representative of the Trichomyiinae (Diptera: Psychodidae) from the Lower Cenomanian French amber studied with phase-contrast synchrotron X-ray imaging. Invertebrate Systematics 22(4): 471-478	† <i>Trichomyia lengleti</i>	Diptera: Psychodidae	FRANCE: Poitou-Charentes Region*
Lambert, Olivier (2008) A new porpoise (Cetacea, Odontoceti, Phocoenidae) from the Pliocene of the North Sea. Journal of Vertebrate Paleontology 28(3): 863-872	† <i>Septemtriocetus bosselaersi</i>	Mammalia: Cetacea: Odontoceti: Phocoenidae	BELGIUM: Antwerp Province*
Lambert, Olivier; Bianucci, Giovanni; de Muizon, Christian (2008) A new stem-sperm whale (Cetacea, Odontoceti, Physeteroidea) from the Latest Miocene of Peru. Comptes Rendus Palevol 7(6): 361-369	† <i>Acrophyseter deinodon</i>	Mammalia: Cetacea: Odontoceti: Physeteroidea	PERU: Arequipa*
Landau, Bernard M.; Kronenberg, Gijs C.; Herbert, Gregory S. (2008) A large new species of <i>Lobatus</i> (Gastropoda: Strombidae) from the Neogene of the Dominican Republic, with notes on the genus. Veliger 50(1): 31-38	† <i>Lobatus vokesae</i> Landau, Kronenberg & Herbert	Mollusca: Gastropoda: Strombidae	DOMINICAN REPUBLIC: (near Rio Cana)
Lardeux, Hubert; Becq-Giraudon, Jean-François; Baillat, Annie; Beaulieu, Gérard; David, Joëlle; Lardeux, Frédéric; Régnauld, Serge (2008) Trilobites et brachiopodes des "Schistes à <i>Dicellograptus</i> " de la carrière de Châteaupanne (Ordovicien supérieur, sud-est du Massif armoricain). Bulletin de la Société des Sciences Naturelles de l'Ouest de la France Nouvelle Série 30(1): 63-xxx	† <i>Placoparia (Placoparia) fredlardeuxi</i>	Arthropoda: Trilobita: Phacopida: Cheirurina: Pliomeridae	FRANCE: Pays de la Loire Region* (Maine-et-Loire Department)

Lawrence, John F.; Archibald, S. Bruce; Ślipiński, Adam (2008) A new species of Prionoceridae (Coleoptera: Cleroidea) from the Eocene of British Columbia, Canada. <i>Annales Zoologici</i> 58(4): 689-693	† <i>Prionocerites tattriei</i>	Coleoptera: Cleroidea: Prionoceridae	CANADA: British Columbia*
Lazarev, S.S. (2008) Brachiopods of the family Linoproductidae from the Kasimovian Stage of the Moscow Region. <i>Paleontological Journal</i> 42(4): 378-388 [<i>Paleontologicheskii Zhurnal</i> 2008(4): 44-52 (in Russian)]	† <i>Linipalus perkhurovensus</i> Lazarev	Brachiopoda: Productida: Linoproductidae	RUSSIA: Moscow*
Lazarev, S.S. (2008) Brachiopods of the family Linoproductidae from the Kasimovian Stage of the Moscow Region. <i>Paleontological Journal</i> 42(4): 378-388 [<i>Paleontologicheskii Zhurnal</i> 2008(4): 44-52 (in Russian)]	† <i>Linipalus sinuosus</i> Lazarev	Brachiopoda: Productida: Linoproductidae	RUSSIA: Moscow*
Lazarev, S.S. (2008) Brachiopods of the family Linoproductidae from the Kasimovian Stage of the Moscow Region. <i>Paleontological Journal</i> 42(4): 378-388 [<i>Paleontologicheskii Zhurnal</i> 2008(4): 44-52 (in Russian)]	† <i>Linispinus crassus</i> Lazarev	Brachiopoda: Productida: Linoproductidae	RUSSIA: Moscow*
Le Roux, Jacobus P.; Nielsen, Sven N.; Henríquez, Álvaro (2008) Depositional environment of <i>Stelloglyphus llicoensis</i> isp. nov., a new radial trace fossil from the Neogene Ranquil Formation, south-central Chile. <i>Revista Geológica de Chile</i> 35(2): 307-319	† <i>Stelloglyphus llicoensis</i> isp. nov.	Dactyloidites	CHILE: Biobío*
Lee, Byung-Su (2008) Taxonomic revisions of Upper Cambrian <i>Granatodontus</i> Chen et Gong, 1986 of the <i>Dasytodus</i> lineage (Conodonta). <i>Geosciences Journal</i> 12(3): 227-231	† <i>Granatodontus asymmetrica</i>	Hemichordata: Conodonta:	KOREA: Gangwon Province*
Lee, Byung-Su (2008) Taxonomic revisions of Upper Cambrian <i>Granatodontus</i> Chen et Gong, 1986 of the <i>Dasytodus</i> lineage (Conodonta). <i>Geosciences Journal</i> 12(3): 227-231	† <i>Granatodontus multicorugata</i>	Hemichordata: Conodonta:	KOREA: Gangwon Province*
Lee, Daphne E.; Motchurova-Dekova, Neda (2008) <i>Chathamirhynchia kahuitara</i> , a new genus and species of Late Cretaceous rhynchonellide brachiopod from the Chatham Islands, New Zealand: Shell structure, palaeoecology and biogeography. <i>Earth and Environmental Science Transactions of the Royal Society of Edinburgh</i> 98(3-4): 357-367	† <i>Chathamirhynchia kahuitara</i>	Brachiopoda: Rhynchonellida: fam indet	NEW ZEALAND: (Chatham Islands, Pitt Island)
Lee, Yuong-Nam; Lee, Hang-Jae; Lü, Junchang; Kobayashi, Yoshitsugu (2008) New pterosaur tracks from the Hasandong Formation (Lower Cretaceous) of Hadong County, South Korea. <i>Cretaceous Research</i> 29(2): 345-353	† <i>Pteraichnus koreanensis</i> isp.n.	Pterosauria: Pterodactyloidea: fam. indet.	KOREA, SOUTH: Gyeongsangnam-do*
Lerosey-Aubril, Rudy; Feist, Raimund; Chatterton, Brian D.E. (2008) The ontogeny and systematics of the otarionine trilobite <i>Otarionella</i> from the Devonian of the Montagne Noire, France and the Maider, Morocco. <i>Geological Magazine</i> 145(1): 55-71	† <i>Otarionella lkomalii</i>	Arthropoda: Trilobita: Proetida: Otarionidae	MOROCCO: Oriental Region*
Lerosey-Aubril, Rudy; Feist, Raimund; Chatterton, Brian D.E. (2008) The ontogeny and systematics of the otarionine trilobite <i>Otarionella</i> from the Devonian of the Montagne Noire, France and the Maider, Morocco. <i>Geological Magazine</i> 145(1): 55-71	† <i>Otarionella rastrum</i>	Arthropoda: Trilobita: Proetida: Otarionidae	FRANCE: Languedoc-Roussillon Region* (Hérault Department)
Less, György; Özcan, Ercan (2008) The Late Eocene evolution of nummulitid foraminifer <i>Spiroclypeus</i> in the Western Tethys. <i>Acta Palaeontologica Polonica</i> 53(2): 303-316	† <i>Spiroclypeus sirottii</i>	Foraminifera: Nummulitidae	HUNGARY: Fejér County*

Less, György; Özcan, Ercan (2008) The Late Eocene evolution of nummulitid foraminifer <i>Spiroclypeus</i> in the Western Tethys. <i>Acta Palaeontologica Polonica</i> 53(2): 303-316	† <i>Spiroclypeus sirottii</i>	Foraminifera: Nummulitidae	ITALY: Umbria Region*
Less, György; Özcan, Ercan (2008) The Late Eocene evolution of nummulitid foraminifer <i>Spiroclypeus</i> in the Western Tethys. <i>Acta Palaeontologica Polonica</i> 53(2): 303-316	† <i>Spiroclypeus sirottii</i>	Foraminifera: Nummulitidae	ITALY: Veneto Region*
Less, György; Özcan, Ercan (2008) The Late Eocene evolution of nummulitid foraminifer <i>Spiroclypeus</i> in the Western Tethys. <i>Acta Palaeontologica Polonica</i> 53(2): 303-316	† <i>Spiroclypeus sirottii</i>	Foraminifera: Nummulitidae	TURKEY: Tekirdağ Province*
Li, Chun; Wu, Xiao-Chun; Rieppel, Olivier Wang, Li-Ting; Zhao, Li-Jun (2008) An ancestral turtle from the Late Triassic of southwestern China. <i>Nature</i> 456(7221): 497-501	† <i>Odontochelys semitestacea</i>	Reptilia: Testudinata: Odontochelyidae	CHINA: Guizhou*
Li, Wen-Zhong; Shen, Shu-Zhong (2008) Lopingian (Late Permian) brachiopods around the Wuchiapingian-Changhsingian boundary at the Meishan Sections C and D, Changxing, South China. <i>Geobios</i> 41(2): 307-320	† <i>Neochonetes (Huangichonetes) meishanensis</i>	Brachiopoda: Productida: Rugosochonetidae	CHINA: Zhejiang*
Li, Yan-Li; Ren, Dong; Shih, Chung-Kun (2008) Two Middle Jurassic hanging-flies (Insecta: Mecoptera: Bittacidae) from Northeast China. <i>Zootaxa</i> 1929:38-46	† <i>Formosibittacus macularis</i>	Mecoptera: Bittacidae	CHINA: Inner Mongolia*
Li, Yan-Li; Ren, Dong; Shih, Chung-Kun (2008) Two Middle Jurassic hanging-flies (Insecta: Mecoptera: Bittacidae) from Northeast China. <i>Zootaxa</i> 1929:38-46	† <i>Jurahylobittacus astictus</i>	Mecoptera: Bittacidae	CHINA: Inner Mongolia*
Libertín, Milan; Bek, Jiří; Drábková, Jana (2008) Two new Carboniferous fertile sphenophylls and their spores from the Czech Republic. <i>Acta Palaeontologica Polonica</i> 53(4): 723-732	† <i>Bowmanites brasensis</i>	Pteridophyta: Equisetopsida: Sphenophyllales: Sphenophyllaceae	CZECH REPUBLIC: Plzeň*
Libertín, Milan; Bek, Jiří; Drábková, Jana (2008) Two new Carboniferous fertile sphenophylls and their spores from the Czech Republic. <i>Acta Palaeontologica Polonica</i> 53(4): 723-732	† <i>Bowmanites pseudoaquensis</i>	Pteridophyta: Equisetopsida: Sphenophyllales: Sphenophyllaceae	CZECH REPUBLIC: Vysočina*
Ligos, Silvia; Bossio, Alessandro; Gliozzi, Elsa (2008) New species of <i>Mediocytherideis</i> (Ostracoda, Mediocytherideisinae) in the brackish Messinian of Italy. <i>Bollettino della Società Paleontologica Italiana</i> 47(2): 147-167	† <i>Mediocytherideis (Sylvestra) etrusca</i>	Crustacea: Ostracoda: Cytherocopina: Cytheroidea: Leptocytheridae	ITALY: Tuscany Region* (Siena Province)
Ligos, Silvia; Bossio, Alessandro; Gliozzi, Elsa (2008) New species of <i>Mediocytherideis</i> (Ostracoda, Mediocytherideisinae) in the brackish Messinian of Italy. <i>Bollettino della Società Paleontologica Italiana</i> 47(2): 147-167	† <i>Mediocytherideis (Sylvestra) fossata</i>	Crustacea: Ostracoda: Cytherocopina: Cytheroidea: Leptocytheridae	ITALY: Tuscany Region* (Siena Province)
Ligos, Silvia; Bossio, Alessandro; Gliozzi, Elsa (2008) New species of <i>Mediocytherideis</i> (Ostracoda, Mediocytherideisinae) in the brackish Messinian of Italy. <i>Bollettino della Società Paleontologica Italiana</i> 47(2): 147-167	† <i>Mediocytherideis (Sylvestra) ornata</i>	Crustacea: Ostracoda: Cytherocopina: Cytheroidea: Leptocytheridae	ITALY: Tuscany Region* (Velona Basin)

Ligos, Silvia; Bossio, Alessandro; Gliozzi, Elsa (2008) New species of <i>Mediocytherideis</i> (Ostracoda, Mediocytherideisinae) in the brackish Messinian of Italy. Bollettino della Società Paleontologica Italiana 47(2): 147-167	† <i>Mediocytherideis</i> (<i>Sylvestra</i>) <i>punctata</i>	Crustacea: Ostracoda: Cytherocopina: Cytheroidea: Leptocytheridae	ITALY: Tuscany Region* (Siena Province)
Ligos, Silvia; Bossio, Alessandro; Gliozzi, Elsa (2008) New species of <i>Mediocytherideis</i> (Ostracoda, Mediocytherideisinae) in the brackish Messinian of Italy. Bollettino della Società Paleontologica Italiana 47(2): 147-167	† <i>Mediocytherideis</i> (<i>Sylvestra</i>) <i>sulcata</i>	Crustacea: Ostracoda: Cytherocopina: Cytheroidea: Leptocytheridae	ITALY: Tuscany Region* (Velona Basin)
Ligos, Silvia; Bossio, Alessandro; Gliozzi, Elsa (2008) New species of <i>Mediocytherideis</i> (Ostracoda, Mediocytherideisinae) in the brackish Messinian of Italy. Bollettino della Società Paleontologica Italiana 47(2): 147-167	† <i>Mediocytherideis</i> (<i>Sylvestra</i>) <i>tetrafoveolata</i>	Crustacea: Ostracoda: Cytherocopina: Cytheroidea: Leptocytheridae	ITALY: Tuscany Region* (Velona Basin)
Lin, Qi-Bin; Huang, Di-Ying (2008) New Middle Jurassic mayflies (Insecta: Ephemeroptera: Siphonuridae) from Inner Mongolia, China. Annales Zoologici 58(3): 521-527	† <i>Cheirolgisca</i> <i>ningchengensis</i>	Ephemeroptera: Siphonuridae	CHINA: Inner Mongolia*
Lin, Qi-Bin; Huang, Di-Ying (2008) New Middle Jurassic mayflies (Insecta: Ephemeroptera: Siphonuridae) from Inner Mongolia, China. Annales Zoologici 58(3): 521-527	† <i>Olgisca angusticubitis</i>	Ephemeroptera: Siphonuridae	CHINA: Inner Mongolia*
Lin, Qi-bin; Huang, Di-ying; Nel, André (2008) A new genus of Chifengiinae (Orthoptera: Ensifera: Prophalangopsidae) from the Middle Jurassic (Jiulongshan Formation) of Inner Mongolia, China. Comptes Rendus Palevol 7(4): 205-209	† <i>Ashangopsis</i> <i>daohugouensis</i>	Orthoptera: Ensifera: Prophalangopsidae	CHINA: Inner Mongolia*
Liñán, Eladio; Gonzalo, Rodolfo; Dies Álvarez, María Eugenia; Gámez Vintaned, José Antonio; Zamora, Samuel (2008) Nuveos trilobites del Ovetiense inferior (Cámbrico Inferior bajo) de Sierra Morena (Epaña). Ameghiniana 45(1): 123-138	† <i>Serrania palaciosi</i>	Arthropoda: Trilobita: Bigotiniidae	SPAIN: Extremadura*
Liñán, Eladio; Gonzalo, Rodolfo; Dies Álvarez, María Eugenia; Gámez Vintaned, José Antonio; Zamora, Samuel (2008) Nuveos trilobites del Ovetiense inferior (Cámbrico Inferior bajo) de Sierra Morena (Epaña). Ameghiniana 45(1): 123-138	† <i>Serrania? gordaensis</i>	Arthropoda: Trilobita: Bigotiniidae	SPAIN: Extremadura*
Lindemann, Richard H.; Kasprak, Alex H. (2008) <i>Nowakia halihanensis</i> n. sp. from the Oatka Creek Formation (Middle Devonian) of New York. Northeastern Geology and Environmental Sciences 30(4): 344-347	† <i>Nowakia halihanensis</i> —Note genus name 'halihanensis' in TI but 'halihanensis' through rest of article	Mollusca?: Tentaculita: Nowakiidae	USA: New York: Seneca County*
Lindemann, Richard H.; Kasprak, Alex H. (2008) <i>Nowakia halihanensis</i> n. sp. from the Oatka Creek Formation (Middle Devonian) of New York. Northeastern Geology and Environmental Sciences 30(4): 344-347	† <i>Nowakia halihanensis</i> —Note genus name 'halihanensis' in TI but 'halihanensis' through rest of article	Mollusca?: Tentaculita: Nowakiidae	USA: New York: Ulster County*

Lindsay, Everett H.; Reynolds, Robert E. (2008) Heteromyid rodents from Miocene faunas of the Mojave Desert, Southern California. In: <i>Geology and Vertebrate Paleontology of Western and Southern North America: Contributions in Honor of David P. Whistler</i> . X. Wang and L.G. Barnes, eds. Natural History Museum of Los Angeles County Science Series 41. Natural History Museum of Los Angeles County: Los Angeles, pp. 213-235	† <i>Mioheteromys crowderensis</i>	Mammalia: Rodentia: Heteromyidae	USA: California: San Bernardino County*
Lindsay, Everett H.; Reynolds, Robert E. (2008) Heteromyid rodents from Miocene faunas of the Mojave Desert, Southern California. In: <i>Geology and Vertebrate Paleontology of Western and Southern North America: Contributions in Honor of David P. Whistler</i> . X. Wang and L.G. Barnes, eds. Natural History Museum of Los Angeles County Science Series 41. Natural History Museum of Los Angeles County: Los Angeles, pp. 213-235	† <i>Paratrogomes whistleri</i>	Mammalia: Rodentia: Heteromyidae	USA: California: San Bernardino County*
Liston, Jeff (2008) A review of the characters of the edentulous pachycormiforms <i>Leedsichthys</i> , <i>Asthenocormus</i> and <i>Martillichthys</i> nov. gen. In: Arratia, Gloria; Schultze, Hans-Peter; Wilson, Mark V.H. (eds.) (2008) Mesozoic Fishes 4. Homology and Phylogeny. Proceedings of the International Meeting, Miraflores de la Sierra, 2005. Verlag Dr. Friedrich Pfeil: München, pp. 181-198	† <i>Martillichthys renwickae</i>	Actinopterygii: Halecostomi: Pachycormiformes: Pachycormidae	ENGLAND: Cambridgeshire*
Liu, Feng; Zhu, Huaicheng; Shu, Ouyang (2008) Late Carboniferous-Early Permian palynology of Baode (Pao-te-chou) in Shanxi Province, North China. Geological Journal 43(4): 487-510	† <i>Balteosporites tomentosus</i>	pollen grains	CHINA: Shanxi*
Liu, Feng; Zhu, Huaicheng; Shu, Ouyang (2008) Late Carboniferous-Early Permian palynology of Baode (Pao-te-chou) in Shanxi Province, North China. Geological Journal 43(4): 487-510	† <i>Indospora verrucata</i>	pollen grains	CHINA: Shanxi*
Liu, Feng; Zhu, Huaicheng; Shu, Ouyang (2008) Late Carboniferous-Early Permian palynology of Baode (Pao-te-chou) in Shanxi Province, North China. Geological Journal 43(4): 487-510	† <i>Neoraistrickia leiclavata</i>	pollen grains	CHINA: Shanxi*
Liu, Guan-bang; Yin, Gong-zheng (2008) [Preliminary researches for mixosaurid fossils from Middle Triassic Guanling Formation in Panxian of Guizhou]. Acta Palaeontologica Sinica 47(1): 73-90 (in Chinese, with English summary and species descriptions)	† <i>Mixosaurus yangjuanensis</i>	Ichthyosauria: Mixosauridae	CHINA: Guizhou*
Liu, Jianni; Shu, Degan; Han, Jian; Zhang, Zhifei; Zhang, Xingliang (2008) The lobopod <i>Onychodictyon</i> from the Lower Cambrian Chengjiang Lagerstätte revisited. Acta Palaeontologica Polonica 53(2): 285-292	† <i>Onychodictyon gracilis</i>	Lobopodia: Xenusia: Xenusiida: Onychodictyidae	CHINA: Hainan*
Liu, Ming; Zhao, Yun-yun; Ren, Dong (2008) Discovery of three new mordellids (Coleoptera, Tenebrionoidea) from the Yixian Formation of western Liaoning, China. Cretaceous Research 29(3): 445-450	† <i>Bellimordella capitulifera</i>	Coleoptera: Tenebrionoidea: Mordellidae	CHINA: Liaoning*
Liu, Ming; Zhao, Yun-yun; Ren, Dong (2008) Discovery of three new mordellids (Coleoptera, Tenebrionoidea) from the Yixian Formation of western Liaoning, China. Cretaceous Research 29(3): 445-450	† <i>Bellimordella longispina</i>	Coleoptera: Tenebrionoidea: Mordellidae	CHINA: Liaoning*
Liu, Ming; Zhao, Yun-yun; Ren, Dong (2008) Discovery of three new mordellids (Coleoptera, Tenebrionoidea) from the Yixian Formation of western Liaoning, China. Cretaceous Research 29(3): 445-450	† <i>Bellimordella robusta</i>	Coleoptera: Tenebrionoidea: Mordellidae	CHINA: Liaoning*

Liu, Pengju; Xiao, Shuhai; Yin, Chongyu; Zhou, Chuanming; Gao, Linzhi; Tang, Feng (2008) Systematic description and phylogenetic affinity of tubular microfossils from the Ediacaran Doushantuo Formation at Weng'an, South China. <i>Palaeontology</i> 51(2):339-366	† <i>Crassitubus costatus</i>	Ediacara	CHINA: Guizhou*
Liu, Pengju; Xiao, Shuhai; Yin, Chongyu; Zhou, Chuanming; Gao, Linzhi; Tang, Feng (2008) Systematic description and phylogenetic affinity of tubular microfossils from the Ediacaran Doushantuo Formation at Weng'an, South China. <i>Palaeontology</i> 51(2):339-366	† <i>Ramitubus decrescens</i>	Ediacara	CHINA: Guizhou*
Liu, Pengju; Xiao, Shuhai; Yin, Chongyu; Zhou, Chuanming; Gao, Linzhi; Tang, Feng (2008) Systematic description and phylogenetic affinity of tubular microfossils from the Ediacaran Doushantuo Formation at Weng'an, South China. <i>Palaeontology</i> 51(2):339-366	† <i>Ramitubus increcens</i>	Ediacara	CHINA: Guizhou*
Liu, Yu; Zhang, Xing-Liang; Liu, Wei; Zhang, Qian (2008) New bradoriids from the Lower Cambrian Yanwangbian formation of southern Shaanxi Province, central China. <i>Palaeoworld</i> 17(2): 102-107	† <i>Kunmingella pentagona</i>	Arthropoda: class indet.: Bradoriida: Kunmingellidae	CHINA: Shaanxi Province*
Liu, Yu; Zhang, Xing-Liang; Liu, Wei; Zhang, Qian (2008) New bradoriids from the Lower Cambrian Yanwangbian formation of southern Shaanxi Province, central China. <i>Palaeoworld</i> 17(2): 102-107	† <i>Sanlangella xixiangensis</i>	Arthropoda: class indet.: Bradoriida: Comptalutidae	CHINA: Shaanxi Province*
Liu, Yu-Sheng (Christopher); Zetter, Reinhard; Ferguson, David K.; Zou, Charley (2008) <i>Lagerstroemia</i> (Lythraceae) pollen from the Miocene of eastern China. <i>Grana</i> 47(4): 262-271	† <i>Lagerstroemia cathayensis</i>	Angiospermae: Lythraceae	CHINA: Zhejiang*
Liu, Yushuang; Ren, Dong (2008) Two new Jurassic stoneflies (Insecta: Plecoptera) from Daohugou, Inner Mongolia, China. <i>Progress in Natural Science</i> 18(8): 1039-1042	† <i>Mengitaenioptera multiramis</i>	Plecoptera: Taeniopterygidae	CHINA: Inner Mongolia*
Liu, Yushuang; Ren, Dong (2008) Two new Jurassic stoneflies (Insecta: Plecoptera) from Daohugou, Inner Mongolia, China. <i>Progress in Natural Science</i> 18(8): 1039-1042	† <i>Novirammonemoura trinervis</i>	Plecoptera: Taeniopterygidae	CHINA: Inner Mongolia*
Llorens, Magdalena (2008) Estudio palinológico de la Formación Punta del Barco, Cretácico Inferior (Aptiano) de la provincia de Santa Cruz, Argentina. Descripciones sistemáticas II. Esporas triletes apiculadas, murornadas, tricasadas y perinadas. Implicancias paleoecológicas. <i>Ameghiniana</i> 45(2): 273-288	† <i>Capsispora vulcanica</i>	Turma Triletes: Subturma Perinotriletes	ARGENTINA: Santa Cruz Province*
Llorens, Magdalena (2008) Estudio palinológico de la Formación Punta del Barco, Cretácico Inferior (Aptiano) de la provincia de Santa Cruz, Argentina. Descripciones sistemáticas II. Esporas triletes apiculadas, murornadas, tricasadas y perinadas. Implicancias paleoecológicas. <i>Ameghiniana</i> 45(2): 273-288	† <i>Gleichenioides aptianus</i>	Turma Triletes: Subturma Zonotriletes: Infraturma Tricassati	ARGENTINA: Santa Cruz Province*
Llorens, Magdalena (2008) Estudio palinológico de la Formación Punta del Barco, Cretácico Inferior (Aptiano) de la provincia de Santa Cruz, Argentina. Descripciones sistemáticas II. Esporas triletes apiculadas, murornadas, tricasadas y perinadas. Implicancias paleoecológicas. <i>Ameghiniana</i> 45(2): 273-288	† <i>Gleichenioides rigidus</i>	Turma Triletes: Subturma Zonotriletes: Infraturma Tricassati	ARGENTINA: Santa Cruz Province*
Lloyd, Karen J.; Eberle, Jaelyn J. (2008) A new talpid from the late Eocene of North America. <i>Acta Palaeontologica Polonica</i> 53(3): 539-543	† <i>Oreotalpa florissantensis</i>	Mammalia: Lipotyphla: Erinaceomorpha: Talpidae	USA: Colorado: Teller County*

Lockley, Martin G.; Kim, Jeong Yul; Kim, Kyung Soo; Kim, Sam Hyang; Matsukawa, Masaki; Li, Rihui; Li, Jianjun; Yang, Seong-Young (2008) <i>Minisauripus</i> - the track of a diminutive dinosaur from the Cretaceous of China and South Korea: Implications for stratigraphic correlation and theropod foot morphodynamics. <i>Cretaceous Research</i> 29(1): 115-130	† <i>Minisauripus zhenshuonani</i> isp.n.	Reptilia: Diapsida: Archosauria: Ornithosuchia: Dinosauria: Saurischia: Theropoda: fam. indet.	CHINA: Sichuan*
Lockley, Martin G.; Kim, Jeong Yul; Kim, Kyung Soo; Kim, Sam Hyang; Matsukawa, Masaki; Li, Rihui; Li, Jianjun; Yang, Seong-Young (2008) <i>Minisauripus</i> - the track of a diminutive dinosaur from the Cretaceous of China and South Korea: Implications for stratigraphic correlation and theropod foot morphodynamics. <i>Cretaceous Research</i> 29(1): 115-130	† <i>Minisauripus zhenshuonani</i> isp.n.	Reptilia: Diapsida: Archosauria: Ornithosuchia: Dinosauria: Saurischia: Theropoda: fam. indet.	KOREA, SOUTH: Gyeongsangnam-do*
Löfgren, Anita; Tolmacheva, Tatiana (2008) Morphology, evolution and stratigraphic distribution in the Middle Ordovician conodont genus <i>Microzarkodina</i> . <i>Earth and Environmental Science Transactions of the Royal Society of Edinburgh</i> 99(1): 27-48	† <i>Microzarkodina russica</i>	Hemichordata: Conodonts: Prioniodontia: fam. indet.	RUSSIA: St. Petersburg*
Löfgren, Anita; Tolmacheva, Tatiana (2008) Morphology, evolution and stratigraphic distribution in the Middle Ordovician conodont genus <i>Microzarkodina</i> . <i>Earth and Environmental Science Transactions of the Royal Society of Edinburgh</i> 99(1): 27-48	† <i>Microzarkodina russica</i>	Hemichordata: Conodonts: Prioniodontia: fam. indet.	SWEDEN: Kalmar* (Öland Island)
Löfgren, Anita; Tolmacheva, Tatiana (2008) Morphology, evolution and stratigraphic distribution in the Middle Ordovician conodont genus <i>Microzarkodina</i> . <i>Earth and Environmental Science Transactions of the Royal Society of Edinburgh</i> 99(1): 27-48	† <i>Microzarkodina russica</i>	Hemichordata: Conodonts: Prioniodontia: fam. indet.	SWEDEN: Västra Götaland*
Lombardo, Cristina; Rusconi, Marco; Tintori, Andrea (2008) New perleidiform from the Lower Ladinian (Middle Triassic) of the northern Grigna (northern Italy). <i>Rivista Italiana di Paleontologia e Stratigrafia</i> 114(2): 263-272	† <i>Stoppania gaetanii</i>	Perleidiformes: Polzbergiidae	ITALY: Lombardy Region* (Grigna)
Lombardo, Cristina; Tintori, Andrea (2008) A new semionotid fish (Actinopterygii) from the Upper Triassic of northern Italy. In: Arratia, Gloria; Schultze, Hans-Peter; Wilson, Mark V.H. (eds.) (2008) <i>Mesozoic Fishes 4. Homology and Phylogeny. Proceedings of the International Meeting, Miraflores de la Sierra, 2005</i> . Verlag Dr. Friedrich Pfeil: München, pp. 129-142	† <i>Semiolepis bremanus</i>	Actinopterygii: Neopterygii: Semionotiformes: Semionotidae	AUSTRIA: Salzburg State*
Lombardo, Cristina; Tintori, Andrea (2008) A new semionotid fish (Actinopterygii) from the Upper Triassic of northern Italy. In: Arratia, Gloria; Schultze, Hans-Peter; Wilson, Mark V.H. (eds.) (2008) <i>Mesozoic Fishes 4. Homology and Phylogeny. Proceedings of the International Meeting, Miraflores de la Sierra, 2005</i> . Verlag Dr. Friedrich Pfeil: München, pp. 129-142	† <i>Semiolepis bremanus</i>	Actinopterygii: Neopterygii: Semionotiformes: Semionotidae	ITALY: Lombardy Region* (Bergamo Province)
Long, John A.; Choo, Brian; Young, Gavin C. (2008) A new basal actinopterygian fish from the Middle Devonian Aztec Siltstone of Antarctica. <i>Antarctic Science</i> 20(4): 393-412	† <i>Donnrosenia schaefferi</i>	Actinopterygii: Howqualepididae	ANTARCTICA: Victoria Land*

Long, John A.; Holland, Timothy (2008) A possible 'elpistostegolid' fish from the Devonian of Gondwana. Proceedings of the Royal Society of Victoria 120(1): 184-193	† <i>Howittichthys warrenae</i>	Osteichthyes: Sarcopterygii: Tetrapodomorpha	AUSTRALIA: Victoria*
Long, John A.; Trinajstić, Kate; Young, Gavin C.; Senden, Tim (2008) Live birth in the Devonian period. Nature 453(7195): 650-652	† <i>Materpiscis attenboroughi</i>	Placodermi: Ptycotodontida:	AUSTRALIA: Western Australia*
Longridge, L.M.; Smith, P.L.; Pálffy, J.; Tipper, H.W. (2008) Three new species of the Hettangian (Early Jurassic) ammonite <i>Sunrisites</i> from British Columbia, Canada. Journal of Paleontology 82(1): 128-139	† <i>Sunrisites brimblecombei</i>	Mollusca: Cephalopoda: Psiloceratidae	ALASKA
Longridge, L.M.; Smith, P.L.; Pálffy, J.; Tipper, H.W. (2008) Three new species of the Hettangian (Early Jurassic) ammonite <i>Sunrisites</i> from British Columbia, Canada. Journal of Paleontology 82(1): 128-139	† <i>Sunrisites brimblecombei</i>	Mollusca: Cephalopoda: Psiloceratidae	CANADA: British Columbia*
Longridge, L.M.; Smith, P.L.; Pálffy, J.; Tipper, H.W. (2008) Three new species of the Hettangian (Early Jurassic) ammonite <i>Sunrisites</i> from British Columbia, Canada. Journal of Paleontology 82(1): 128-139	† <i>Sunrisites chilcotinensis</i>	Mollusca: Cephalopoda: Psiloceratidae	ALASKA
Longridge, L.M.; Smith, P.L.; Pálffy, J.; Tipper, H.W. (2008) Three new species of the Hettangian (Early Jurassic) ammonite <i>Sunrisites</i> from British Columbia, Canada. Journal of Paleontology 82(1): 128-139	† <i>Sunrisites chilcotinensis</i>	Mollusca: Cephalopoda: Psiloceratidae	CANADA: British Columbia*
Longridge, L.M.; Smith, P.L.; Pálffy, J.; Tipper, H.W. (2008) Three new species of the Hettangian (Early Jurassic) ammonite <i>Sunrisites</i> from British Columbia, Canada. Journal of Paleontology 82(1): 128-139	† <i>Sunrisites senililevis</i>	Mollusca: Cephalopoda: Psiloceratidae	CANADA: British Columbia*
Longridge, Louise M.; Pálffy, József; Smith, Paul L.; Tipper, Howard W. (2008) Middle and late Hettangian (Early Jurassic) ammonites from the Queen Charlotte Islands, British Columbia, Canada. Revue de Paléobiologie 27(1): 191-248	† <i>Curvicerias haidae</i>	Mollusca: Cephalopoda: Schlotheimiidae	CANADA: British Columbia*
Longridge, Louise M.; Pálffy, József; Smith, Paul L.; Tipper, Howard W. (2008) Middle and late Hettangian (Early Jurassic) ammonites from the Queen Charlotte Islands, British Columbia, Canada. Revue de Paléobiologie 27(1): 191-248	† <i>Ectocentrites pacificus</i>	Mollusca: Cephalopoda: Pleuroacanthitidae	CANADA: British Columbia*
Longridge, Louise M.; Pálffy, József; Smith, Paul L.; Tipper, Howard W. (2008) Middle and late Hettangian (Early Jurassic) ammonites from the Queen Charlotte Islands, British Columbia, Canada. Revue de Paléobiologie 27(1): 191-248	† <i>Franziceras kennecottense</i>	Mollusca: Cephalopoda: Schlotheimiidae	CANADA: British Columbia*
Longridge, Louise M.; Pálffy, József; Smith, Paul L.; Tipper, Howard W. (2008) Middle and late Hettangian (Early Jurassic) ammonites from the Queen Charlotte Islands, British Columbia, Canada. Revue de Paléobiologie 27(1): 191-248	† <i>Paradasyceras carteri</i>	Mollusca: Cephalopoda: Juraphyllitidae	CANADA: British Columbia*
Longridge, Louise M.; Pálffy, József; Smith, Paul L.; Tipper, Howard W. (2008) Middle and late Hettangian (Early Jurassic) ammonites from the Queen Charlotte Islands, British Columbia, Canada. Revue de Paléobiologie 27(1): 191-248	† <i>Pleuroacanthites charlottensis</i>	Mollusca: Cephalopoda: Pleuroacanthitidae	CANADA: British Columbia*
Longridge, Louise M.; Smith, Paul L.; Tipper, Howard W. (2008) Late Hettangian (Early Jurassic) ammonites from Taseko Lakes, British Columbia, Canada. Palaeontology 51(2):367-404	† <i>Eolytoceras constrictum</i>	Mollusca: Cephalopoda: Pleuroacanthitidae	CANADA: British Columbia*
Longridge, Louise M.; Smith, Paul L.; Tipper, Howard W. (2008) Late Hettangian (Early Jurassic) ammonites from Taseko Lakes, British Columbia, Canada. Palaeontology 51(2):367-404	† <i>Fergusonites hendersonae</i>	Mollusca: Cephalopoda: Juraphyllitidae	CANADA: British Columbia*

Longridge, Louise M.; Smith, Paul L.; Tipper, Howard W. (2008) Late Hettangian (Early Jurassic) ammonites from Taseko Lakes, British Columbia, Canada. <i>Palaeontology</i> 51(2):367-404	† <i>Pseudaetomoceras victoriense</i>	Mollusca: Cephalopoda: Psiloceratidae	CANADA: British Columbia*
Lopatin, A.V.; Agadjanian, A.K. (2008) A tritylodont (Tritylodontidae, Synapsida) from the Mesozoic of Yakutia. <i>Doklady Biological Sciences</i> 419: 107-110 [originally published in <i>Doklady Akademii Nauk</i> 419(2): 279-282 (in Russian)]	† <i>Xenocretosuchus kolosovi</i> Lopatin & Agadjanian	Synapsida: Tritylodontidae	RUSSIA: Sakha Republic / Yakutia*
Lopatin, A.V.; Averianov, A.O. (2008) The earliest lagomorph (Lagomorpha, Mammalia) from the basal Eocene of Mongolia. <i>Doklady Biological Sciences</i> 419: 131-132 [originally published in <i>Doklady Akademii Nauk</i> 419(5): 709-711 (in Russian)]	† <i>Arnebolagus leporinus</i> Lopatin & Averianov	Mammalia: Lagomorpha: fam. indet.	MONGOLIA: Ömnögovi Aimag*
López-Arbarelló, Adriana; Zavattieri, Ana M. (2008) Systematic revision of <i>Pseudobeaconia</i> Bordas, 1944, and <i>Mendocinichthys</i> Whitley, 1953 (Actinopterygii: 'Perleidiformes') from the Triassic of Argentina. <i>Palaeontology</i> 51(5):1025-1052	† <i>Pseudobeaconia celestae</i>	Actinopterygii: 'Perleidiformes': Pseudobeaconiidae	ARGENTINA: Mendoza*
Löser, Hannes (2008) A new solitary coral genus of the suborder Heterocoeniina (Scleractinia) from the Aptian (Cretaceous) of Spain. <i>Paläontologische Zeitschrift</i> 82(3): 279-284	† <i>Hexasmiliopsis saldanai</i>	Echinodermata: Scleractinia: Heterocoeniina: Heterocoeniidae	SPAIN: Murcia*
Löser, Hannes (2008) Remarks on the genus <i>Hexasmilia</i> (Scleractinia; Cretaceous) and description of a new species from the Aptian of Spain. <i>Neues Jahrbuch für Geologie und Paläontologie</i> 250(1): 45-52	† <i>Hexasmilia elmari</i>	Cnidaria: Anthozoa: Scleractinia: Heterocoeniidae	SPAIN: Castellón*
Löser, Hannes (2008) Remarks on the genus <i>Hexasmilia</i> (Scleractinia; Cretaceous) and description of a new species from the Aptian of Spain. <i>Neues Jahrbuch für Geologie und Paläontologie</i> 250(1): 45-52	† <i>Hexasmilia elmari</i>	Cnidaria: Anthozoa: Scleractinia: Heterocoeniidae	SPAIN: Lérida*
Louchart, Antoine; Haile-Selassie, Yohannes; Vignaud, Patrick; Likius, Andossa; Brunet, Michel (2008) Fossil birds from the Late Miocene of Chad and Ethiopia and zoogeographical implications. <i>Oryctos</i> 7: 147-167	† <i>Ephippiorhynchus tchoufour</i>	Aves: Ciconiiformes: Ciconiidae	CHAD (Toros-Menalla area, Djurab Desert)
Louwye, Stephen; Mertens, Kenneth Neil; Vercauteren, Dries (2008) New dinoflagellate cysts from the Miocene of the Porcupine Basin, offshore southwest Ireland. <i>Palynology</i> 32: 131-142	† <i>Batiacasphaera edwardsiae</i>	Chromalveolata: Alveolata: Dinoflagellata: Dinophyceae: Gonyaulacales: fam. indet.	IRELAND (offshore, Porcupine Basin)
Louwye, Stephen; Mertens, Kenneth Neil; Vercauteren, Dries (2008) New dinoflagellate cysts from the Miocene of the Porcupine Basin, offshore southwest Ireland. <i>Palynology</i> 32: 131-142	† <i>Batiacasphaera edwardsiae</i>	Chromalveolata: Alveolata: Dinoflagellata: Dinophyceae: Gonyaulacales: fam. indet.	IRELAND (offshore, Rockall Plateau)
Louwye, Stephen; Mertens, Kenneth Neil; Vercauteren, Dries (2008) New dinoflagellate cysts from the Miocene of the Porcupine Basin, offshore southwest Ireland. <i>Palynology</i> 32: 131-142	† <i>Lejeunecysta challengerensis</i>	Chromalveolata: Alveolata: Dinoflagellata: Perdiniales: Protoperdiniaceae	IRELAND (offshore, Porcupine Basin)

Louwye, Stephen; Mertens, Kenneth Neil; Vercauteren, Dries (2008) New dinoflagellate cysts from the Miocene of the Porcupine Basin, offshore southwest Ireland. <i>Palynology</i> 32: 131-142	† <i>Selenopemphix porcupensis</i>	Chromalveolata: Alveolata: Dinoflagellata: Perdiniales: Protoperdiniaceae	IRELAND (offshore, Porcupine Basin)
Louwye, Stephen; Mertens, Kenneth Neil; Vercauteren, Dries (2008) New dinoflagellate cysts from the Miocene of the Porcupine Basin, offshore southwest Ireland. <i>Palynology</i> 32: 131-142	† <i>Trinovantedinium henrietii</i>	Chromalveolata: Alveolata: Dinoflagellata: Perdiniales: Protoperdiniaceae	IRELAND (offshore, Porcupine Basin)
Lozouet, Pierre; Molodtsova, Tina (2008) Filling a gap: The first occurrences of <i>Epiphaxum</i> (Cnidaria: Helioporaceae: Lithotelestidae) in the Eocene, Oligocene and Miocene. <i>Palaeontology</i> 51(1):241-250	† <i>Epiphaxum arbuscula</i>	Cnidaria: Anthozoa: Octocorallia: Helioporaceae: Lithotelestidae	FRANCE: Aquitaine*
Lu, Jing; Zhu, Min (2008) Early Devonian (Pragian) sarcopterygian from Zhaotong, Yunnan, China. <i>Vertebrata Palasiatica</i> 46(3): 161-170	† <i>Arquatichtys porosus</i>	Osteichthyes: Sarcopterygii: fam. indet.	CHINA: Yunnan*
Lü, Jun-chang; Ji, Shu-an; Dong, Zhi-ming; Wu, Xiao-chun (2008) An Upper Cretaceous lizard with a lower temporal arcade. <i>Naturwissenschaften</i> 95(7): 663-669	† <i>Tianyusaurus zhengi</i>	Reptilia: Squamata: Boreoteiioidea: fam. indet.	CHINA: Henan*
Lü, Junchang; Unwin, David M.; Xu, Li; Zhang, Xingliao (2008) A new azhdarchoid pterosaur from the Lower Cretaceous of China and its implications for pterosaur phylogeny and evolution. <i>Naturwissenschaften</i> 95(9): 891-897	† <i>Shenhopterus chaoyangensis</i>	Pterosauria: Azhdarchoidea: Chaoyangopteridae	CHINA: Liaoning*
Lukeneder, Alexander (2008) New biostratigraphic ammonite data from the Jurassic/Cretaceous boundary at Nutzhof (Gresten Klippenbelt, Lower Austria). <i>Annalen des Naturhistorischen Museums in Wien</i> 110A: 313-330	† <i>Subplanites fasciculatiformis</i> Lukender	Ammonoidea: Perisphinctidae	AUSTRIA: Lower Austria*
Luo, GenMing; Lai, XuLong; Feng, QingLai; Jiang, HaiShui; Wignall, Paul; Zhang, KeXin; Sun, YaDong; Wu, Jun (2008) End-Permian conodont faunas from Dongpan section: Correlation between the deep- and shallow-water facies. <i>Science in China, Series D. Earth Sciences</i> 51(11): 1611-1622	† <i>Neogondolella dongpanensis</i>	Chordata: Gondolellidae	CHINA: Guangxi*
Lüter, Carsten (2008) Recent brachiopods collected during the deep-sea cruise SO 168 ZEALANDIA with the research vessel FS SONNE between Mt. Spong (Tasman Sea) and the Chatham Islands (Pacific) in 2002/2003. <i>Fossils and Strata</i> 54: 311-320	† <i>Gwynia macrodentata</i> Lüter	Brachiopoda: Gwynioidea: fam. indet.	PACIFIC OCEAN (Moore Seamount)
Lüter, Carsten; Hoffmann, Jana; Logan, Alan (2008) Cryptic speciation in the Recent thecideide brachiopod <i>Thecidellina</i> in the Atlantic and the Caribbean. <i>Earth and Environmental Science Transactions of the Royal Society of Edinburgh</i> 98(3-4): 405-413	† <i>Thecidellina bahamiensis</i> Lüter & Logan	Brachiopoda: Thecidellinidae	BAHAMAS (offshore)
Lüter, Carsten; Hoffmann, Jana; Logan, Alan (2008) Cryptic speciation in the Recent thecideide brachiopod <i>Thecidellina</i> in the Atlantic and the Caribbean. <i>Earth and Environmental Science Transactions of the Royal Society of Edinburgh</i> 98(3-4): 405-413	† <i>Thecidellina williamsi</i> Lüter & Logan	Brachiopoda: Thecidellinidae	CAPE VERDE ISLANDS (offshore)

Ma, Xueping; Ebbighausen, Volker; Becker, R. Thomas (2008) <i>Desquamatia</i> and related atrypid brachiopods from the Frasnian (Upper Devonian) of Bergisches Land, Germany. Canadian Journal of Earth Sciences 45(2): 121-134	† <i>Desquamatia</i> (<i>Seratrypea</i>) <i>refrathensis</i> Ma & Ebbighausen	Brachiopoda: Atrypidae	GERMANY: Nordrhein-Westfalen*
Mackinnon, David I.; Hiller, Norton; Long, Sarah L.; Marshall, Bruce A. (2008) <i>Neoaemula</i> , a new genus of platidiid brachiopod, with new observations on species referred to the Recent platidiid brachiopod genus <i>Amphithyris</i> Thomson. Fossils and Strata 54: 321-331	† <i>Amphithyris parva</i>	Brachiopoda: Platidiidae	NEW ZEALAND: Wellington Region*
Mackinnon, David I.; Hiller, Norton; Long, Sarah L.; Marshall, Bruce A. (2008) <i>Neoaemula</i> , a new genus of platidiid brachiopod, with new observations on species referred to the Recent platidiid brachiopod genus <i>Amphithyris</i> Thomson. Fossils and Strata 54: 321-331	† <i>Neoaemula vector</i>	Brachiopoda: Platidiidae	NEW ZEALAND: Southland Region*
Mai, Dieter H. (2008) Paläokarpologische Nachweise von neuen Arten aus Reliktfamilien im europäischen Tertiär. Feddes Repertorium 119(3-4): 191-206	† <i>Brasenia ceciliensis</i> Mai	Angiospermae: Nymphaeales: Cabombaceae	GERMANY: Sachsen-Anhalt State*
Mai, Dieter Hans (2008) Paläokarpologische Untersuchungen im Ober-Oligozän von Oberleichtersbach bei Bad Brückenau (Unterfranken). In: Fossilgemeinschaften der Doline Oberleichtersbach (Oligozän). E. Martini, ed. Courier Forschungsinstitut Senckenberg, Nr. 260. Schweizerbart'sche: Stuttgart, pp. 31-77	† <i>Amethystea heckiana</i>	Angiospermae: Lamiaceae	FRANCE: Auvergne Region*
Mai, Dieter Hans (2008) Paläokarpologische Untersuchungen im Ober-Oligozän von Oberleichtersbach bei Bad Brückenau (Unterfranken). In: Fossilgemeinschaften der Doline Oberleichtersbach (Oligozän). E. Martini, ed. Courier Forschungsinstitut Senckenberg, Nr. 260. Schweizerbart'sche: Stuttgart, pp. 31-77	† <i>Amethystea heckiana</i>	Angiospermae: Lamiaceae	GERMANY: Bavaria State*
Mai, Dieter Hans (2008) Paläokarpologische Untersuchungen im Ober-Oligozän von Oberleichtersbach bei Bad Brückenau (Unterfranken). In: Fossilgemeinschaften der Doline Oberleichtersbach (Oligozän). E. Martini, ed. Courier Forschungsinstitut Senckenberg, Nr. 260. Schweizerbart'sche: Stuttgart, pp. 31-77	† <i>Ceratostratiotes antiquus</i>	Angiospermae: Ceratophyllaceae	GERMANY: Bavaria State*
Mai, Dieter Hans (2008) Paläokarpologische Untersuchungen im Ober-Oligozän von Oberleichtersbach bei Bad Brückenau (Unterfranken). In: Fossilgemeinschaften der Doline Oberleichtersbach (Oligozän). E. Martini, ed. Courier Forschungsinstitut Senckenberg, Nr. 260. Schweizerbart'sche: Stuttgart, pp. 31-77	† <i>Silene minisperma</i>	Angiospermae: Caryophyllaceae	GERMANY: Bavaria State*
Maitre, Elodie; Escarguel, Gilles; Sigé, Bernard (2008) Amphilemuridae éocènes d'Europe occidentale - Nouvelles données, Formes affines, Systématique de Phylogénie. Palaeontographica, Abteilung A. Paläozoologie, Stratigraphie 283(1-3): 35-82	† <i>Gesneropithex aumelasensis</i>	Mammalia: Erinaceomorpha: Amphilemuridae	FRANCE: Languedoc-Roussillon Region* (Hérault Department)
Maitre, Elodie; Sigé, Bernard; Escarguel, Gilles (2008) A new family of bats in the Paleogene of Europe: Systematics and implications for the origin of emballonurids and rhinolophoids. Neues Jahrbuch für Geologie und Paläontologie 250(2): 199-216	† <i>Carcinipteryx liaudae</i> Maitre	Mammalia: Chiroptera: Microchiroptera: Mioxpterygidae	FRANCE: "Les Pradigues"

Maitre, Elodie; Sigé, Bernard; Escarguel, Gilles (2008) A new family of bats in the Paleogene of Europe: Systematics and implications for the origin of emballonurids and rhinolophoids. Neues Jahrbuch für Geologie und Paläontologie 250(2): 199-216	† <i>Carcinapteryx liaudae</i> Maitre	Mammalia: Chiroptera: Microchiroptera: Mixoptyerygidae	FRANCE: "Sindou D"
Maitre, Elodie; Sigé, Bernard; Escarguel, Gilles (2008) A new family of bats in the Paleogene of Europe: Systematics and implications for the origin of emballonurids and rhinolophoids. Neues Jahrbuch für Geologie und Paläontologie 250(2): 199-216	† <i>Carcinapteryx liaudae</i> Maitre	Mammalia: Chiroptera: Microchiroptera: Mixoptyerygidae	FRANCE: Midi-Pyrénées Region* (Lot Department)
Maitre, Elodie; Sigé, Bernard; Escarguel, Gilles (2008) A new family of bats in the Paleogene of Europe: Systematics and implications for the origin of emballonurids and rhinolophoids. Neues Jahrbuch für Geologie und Paläontologie 250(2): 199-216	† <i>Carcinapteryx maximinensis</i> Maitre	Mammalia: Chiroptera: Microchiroptera: Mixoptyerygidae	FRANCE: Provence-Alpes-Côte d'Azur Region* (Var Department)
Maitre, Elodie; Sigé, Bernard; Escarguel, Gilles (2008) A new family of bats in the Paleogene of Europe: Systematics and implications for the origin of emballonurids and rhinolophoids. Neues Jahrbuch für Geologie und Paläontologie 250(2): 199-216	† <i>Mixoptyeryx perrierensis</i> Maitre	Mammalia: Chiroptera: Microchiroptera: Mixoptyerygidae	FRANCE: Midi-Pyrénées Region* (Lot Department)
Maitre, Elodie; Sigé, Bernard; Escarguel, Gilles (2008) A new family of bats in the Paleogene of Europe: Systematics and implications for the origin of emballonurids and rhinolophoids. Neues Jahrbuch für Geologie und Paläontologie 250(2): 199-216	† <i>Mixoptyeryx weithoferi</i> Maitre	Mammalia: Chiroptera: Microchiroptera: Mixoptyerygidae	FRANCE (Aubrelong)
Maitre, Elodie; Sigé, Bernard; Escarguel, Gilles (2008) A new family of bats in the Paleogene of Europe: Systematics and implications for the origin of emballonurids and rhinolophoids. Neues Jahrbuch für Geologie und Paläontologie 250(2): 199-216	† <i>Mixoptyeryx weithoferi</i> Maitre	Mammalia: Chiroptera: Microchiroptera: Mixoptyerygidae	FRANCE (Escabasse)
Maitre, Elodie; Sigé, Bernard; Escarguel, Gilles (2008) A new family of bats in the Paleogene of Europe: Systematics and implications for the origin of emballonurids and rhinolophoids. Neues Jahrbuch für Geologie und Paläontologie 250(2): 199-216	† <i>Mixoptyeryx weithoferi</i> Maitre	Mammalia: Chiroptera: Microchiroptera: Mixoptyerygidae	FRANCE (Gardiol)
Maitre, Elodie; Sigé, Bernard; Escarguel, Gilles (2008) A new family of bats in the Paleogene of Europe: Systematics and implications for the origin of emballonurids and rhinolophoids. Neues Jahrbuch für Geologie und Paläontologie 250(2): 199-216	† <i>Mixoptyeryx weithoferi</i> Maitre	Mammalia: Chiroptera: Microchiroptera: Mixoptyerygidae	FRANCE (La Plante)
Maitre, Elodie; Sigé, Bernard; Escarguel, Gilles (2008) A new family of bats in the Paleogene of Europe: Systematics and implications for the origin of emballonurids and rhinolophoids. Neues Jahrbuch für Geologie und Paläontologie 250(2): 199-216	† <i>Mixoptyeryx weithoferi</i> Maitre	Mammalia: Chiroptera: Microchiroptera: Mixoptyerygidae	FRANCE (Rosières—several places in France are named "Rosières")
Maitre, Elodie; Sigé, Bernard; Escarguel, Gilles (2008) A new family of bats in the Paleogene of Europe: Systematics and implications for the origin of emballonurids and rhinolophoids. Neues Jahrbuch für Geologie und Paläontologie 250(2): 199-216	† <i>Mixoptyeryx weithoferi</i> Maitre	Mammalia: Chiroptera: Microchiroptera: Mixoptyerygidae	FRANCE (Théron)

Malabarba, Maria Claudia; Malabarba, Luiz Roberto (2008) A new cichlid <i>Tremembichthys garciae</i> (Actinopterygii, Perciformes) from the Eocene-Oligocene of eastern Brazil. <i>Revista Brasileira de Paleontologia</i> 11(1): 59-68	† <i>Tremembichthys garciae</i>	Actinopterygii: Perciformes: Labroidei: Cichlidae: Cichlasomatini	BRAZIL: Minas Gerais State*
Maletz, Jörg (2008) Retiolitid graptolites from the collection of Hermann Jaeger in the Museum für Naturkunde, Berlin (Germany). I. <i>Neogothograptus</i> and <i>Holoretiolites</i> . <i>Paläontologische Zeitschrift</i> 82(3): 285-307	† <i>Neogothograptus eximinassa</i>	Hemichordata: Graptolithina: Retiolitidae	GERMANY: Berlin*
Maletz, Jörg (2008) Retiolitid graptolites from the collection of Hermann Jaeger in the Museum für Naturkunde, Berlin (Germany). I. <i>Neogothograptus</i> and <i>Holoretiolites</i> . <i>Paläontologische Zeitschrift</i> 82(3): 285-307	† <i>Neogothograptus eximinassa</i>	Hemichordata: Graptolithina: Retiolitidae	GERMANY: Mecklenburg-Vorpommern*
Maletz, Jörg (2008) Retiolitid graptolites from the collection of Hermann Jaeger in the Museum für Naturkunde, Berlin (Germany). I. <i>Neogothograptus</i> and <i>Holoretiolites</i> . <i>Paläontologische Zeitschrift</i> 82(3): 285-307	† <i>Neogothograptus ornatus</i>	Hemichordata: Graptolithina: Retiolitidae	GERMANY: Berlin*
Maletz, Jörg; Bruton, David L. (2008) The Middle Ordovician <i>Proventocitum procerulum</i> radiolarian assemblage of Spitsbergen and its biostratigraphic correlation. <i>Palaeontology</i> 51(5):1181-1200	† <i>Inanigutta magnifica</i>	Rhizaria: Radiolaria: Inanigultidae	SVALBARD (Spitsbergen, Valhallfonna Formation)
Manchester, Steven R.; Pigg, Kathleen B. (2008) The Eocene mystery flower of McAbee, British Columbia. <i>Botany</i> 86(9): 1034-1038	† <i>Dillhoffia cachensis</i>	Angiospermae: fam. indet.	CANADA: British Columbia*
Manchester, Steven R.; Pigg, Kathleen B. (2008) The Eocene mystery flower of McAbee, British Columbia. <i>Botany</i> 86(9): 1034-1038	† <i>Dillhoffia cachensis</i>	Angiospermae: fam. indet.	USA: Washington: Ferry County*
Manganelli, Giuseppe; Benocci, Andrea; Esu, Daniela; Giusti, Folco (2008) <i>Staurodon cianfanellianus</i> n.sp. (Gastropoda: Pulmonata), a new nesopupine vertiginid snail from the Middle-Late Pliocene fossil forest of Dunarobba (central Italy). <i>Bollettino della Società Paleontologica Italiana</i> 47(3): 211-214	† <i>Staurodon cianfanellianus</i>	Mollusca: Gastropoda: Pulmonata: Vertiginidae	ITALY: Umbria Region* (Terni Province)
Mangold, Albrecht (2008) Earliest fossil record of the Certhioidea (treecreepers and allies) from the Early Miocene of Germany. <i>Journal of Ornithology</i> 149(2): 223-228	† <i>Certhiops rummeli</i>	Aves: Passeriformes: Certhioidea: fam. indet.	GERMANY: Bavaria*
Mannering, Al A.; Hiller, Norton (2008) An Early Cenozoic neoselachian shark fauna from the southwest Pacific. <i>Palaeontology</i> 51(6):1341-1365	† <i>Centroselachus goordi</i>	Chondrichthyes: Elasmobranchii: Squaliformes: Somniosidae	NEW ZEALAND: Canterbury Region*
Mannering, Al A.; Hiller, Norton (2008) An Early Cenozoic neoselachian shark fauna from the southwest Pacific. <i>Palaeontology</i> 51(6):1341-1365	† <i>Chlamydoselachus keyesi</i>	Chondrichthyes: Elasmobranchii: Hexanchiformes: Chlamydoselachidae	NEW ZEALAND: Canterbury Region*
Märss, Tiit; Kleesment, Anne; Niit, Moonika (2008) <i>Karksilepis parva</i> gen. et sp. nov. (Chondrichthyes) from the Burtnieki Region Stage, Middle Devonian of Estonia. <i>Estonian Journal of Earth Sciences</i> 57(4): 219-230	† <i>Karksilepis parva</i> Märss	Chondrichthyes: fam. indet.	ESTONIA: Voljandi County*

Martin, Anthony J.; Rich, Thomas H.; Poore, Gary C.B.; Schultz, Mark B.; Austin, Christopher M.; Kool, Lesley; Vickers-Rich, Patricia (2008) Fossil evidence in Australia for oldest known freshwater crayfish of Gondwana. <i>Gondwana Research</i> 14(3): 287-296	† <i>Palaeoechinastacus australianus</i>	Crustacea: Decapoda: Astacidea: Parastacoidea: Parasitacidae	AUSTRALIA: Victoria*
Martin, James E. (2008) Hemphillian rodents from northern Oregon and their biostratigraphic implications. <i>Paludicola</i> 6(4): 155-190	† <i>Parapliosacomys wittei</i>	Mammalia: Rodentia: Geomyidae	USA: Oregon: Gilliam County*
Martin, James E. (2008) Hemphillian rodents from northern Oregon and their biostratigraphic implications. <i>Paludicola</i> 6(4): 155-190	† <i>Parapliosacomys wittei</i>	Mammalia: Rodentia: Geomyidae	USA: Oregon: Morrow County*
Martin, James E. (2008) Hemphillian rodents from northern Oregon and their biostratigraphic implications. <i>Paludicola</i> 6(4): 155-190	† <i>Paronychomys woodburnei</i>	Mammalia: Rodentia: Cricetidae	USA: Oregon: Gilliam County*
Martin, James E. (2008) Hemphillian rodents from northern Oregon and their biostratigraphic implications. <i>Paludicola</i> 6(4): 155-190	† <i>Paronychomys woodburnei</i>	Mammalia: Rodentia: Cricetidae	USA: Oregon: Morrow County*
Martin, Sarah K. (2008) A new protorhyphid fly (Insecta: Diptera: Protorhyphidae) from the Lower Jurassic of the Perth Basin, Western Australia. <i>Alavesia</i> 2: 253-257	† <i>Austrorhyphus moryi</i>	Diptera: Protorhyphidae	AUSTRALIA: Western Australia*
Martinelli, Agustín G.; Pais, Diego F. (2008) A new baurusuchid crocodyliform (Archosauria) from the Late Cretaceous of Patagonia (Argentina). <i>Comptes Rendus Palevol</i> 7(6): 371-381	† <i>Wargosuchus australis</i>	Reptilia: Diapsida: Archosauria: Crocodyliformes: Mesoeucrocodylia: Baurusuchidae	ARGENTINA: Neuquén Province*
Martínez Chacón, M. Luisa; Winkler Prins, Cor F. (2008) New Bashkirian (Carboniferous) brachiopods from Latores (Asturias, N. Spain). <i>Proceedings of the Royal Society of Victoria</i> 120(1): 194-205	† <i>Dielasmella? delepinei</i>	Brachiopoda: Rhynchonellata: Terebratulida: Cryptonellidae	SPAIN: Asturias Autonomous Community* (Asturias Province)
Martínez Chacón, M. Luisa; Winkler Prins, Cor F. (2008) New Bashkirian (Carboniferous) brachiopods from Latores (Asturias, N. Spain). <i>Proceedings of the Royal Society of Victoria</i> 120(1): 194-205	† <i>Girtyella llopisi</i>	Brachiopoda: Rhynchonellata: Terebratulida: Cranaenidae	SPAIN: Asturias Autonomous Community* (Asturias Province)
Martínez Chacón, M. Luisa; Winkler Prins, Cor F. (2008) New Bashkirian (Carboniferous) brachiopods from Latores (Asturias, N. Spain). <i>Proceedings of the Royal Society of Victoria</i> 120(1): 194-205	† <i>Maemia archboldi</i>	Brachiopoda: Strophomenata: Productida: Productellidae	SPAIN: Asturias Autonomous Community* (Asturias Province)
Martínez, Sergio; del Río, Claudia J. (2008) A new, first fossil species of <i>Ophioderma</i> Müller and Troschel, 1842 (Echinodermata: Ophiuroidea) (Late Miocene, Argentina). <i>Zootaxa</i> 1841: 43-52	† <i>Ophioderma bonaudoae</i>	Echinodermata: Ophiuroidea: Ophiurida: Ophiodermatidae	ARGENTINA: Chubut*
Martins-Neto, Rafael G.; Gallego, Oscar F.; Zavattieri, Ana M. (2008) The Triassic insect fauna from Argentina: Coleoptera, Hemiptera and Orthoptera from the Potrerillos Formation, south of cerro Cacheuta, Cuyana basin. <i>Alavesia</i> 2: 47-58	† <i>Argentinosyne duraznoensis</i> Martins-Neto & Gallego	Coleoptera: Schizocoeidae	ARGENTINA: Mendoza Province*
Martins-Neto, Rafael G.; Gallego, Oscar F.; Zavattieri, Ana M. (2008) The Triassic insect fauna from Argentina: Coleoptera, Hemiptera and Orthoptera from the Potrerillos Formation, south of cerro Cacheuta, Cuyana basin. <i>Alavesia</i> 2: 47-58	† <i>Cacheutacizada kurtzae</i> Martins-Neto & Gallego	Hemiptera: Cicadimorpha: fam. indet.	ARGENTINA: Mendoza Province*

Mattavelli, Alberto; Bracchi, Giacomo (2008) <i>Palaeoenoploides alessandrellianus</i> n.gen. n.sp., a Late Cenomanian 'roundworm' from the Upper Cretaceous of Lebanon (Nematoda: Enopliidae). Atti della Società Italiana di Scienze Naturali e del Museo Civico di Storia Naturale in Milano 149(2): 179-194	† <i>Palaeoenoploides alessandrellianus</i>	Nematoda: Adenophorea: Enoplia: Enopliidae	LEBANON: Mount Lebanon Governorate*
Mayr, Gerald (2008) Phylogenetic affinities of the enigmatic avian taxon <i>Zygodactylus</i> based on new material from the early Oligocene of France. Journal of Systematic Palaeontology 6(3): 333-344	† <i>Zygodactylus luberonensis</i>	Aves: Zygodactylidae	FRANCE: Provence-Alpes-Côte d'Azur Region* (Alpes-de-Haute-Provence Department)
McCafferty, W.P.; Santiago-Blay, Jorge A. (2008) A new Cretaceous mayfly from Burmese amber (Ephemeroptera: Australiphemeridae). Entomological News 119(5): 492-496	† <i>Nanophemera myanmarensis</i> McCafferty & Santiago-Blay	Ephemeroptera: Australiphemeridae	MYANMAR: Kachin*
McKenna, Malcolm C.; Honey, James G.; Lofgren, Donald L. (2008) <i>Goleroconus alfi</i> , a new small periptychid (Mammalia, Eparctocyona) from the Late Paleocene of California. In: <i>Geology and Vertebrate Paleontology of Western and Southern North America: Contributions in Honor of David P. Whistler</i> . X. Wang and L.G. Barnes, eds. Natural History Museum of Los Angeles County Science Series 41. Natural History Museum of Los Angeles County: Los Angeles, pp. 29-42	† <i>Goleroconus alfi</i>	Mammalia: Contylarthra: Periptychidae	USA: California: Kern County*
McLeod, Samuel A.; Barnes, Lawrence G. (2008) A new genus and species of Eocene protocetid archaeocete whale (Mammalia, Cetacea) from the Atlantic Coastal Plain. In: <i>Geology and Vertebrate Paleontology of Western and Southern North America: Contributions in Honor of David P. Whistler</i> . X. Wang and L.G. Barnes, eds. Natural History Museum of Los Angeles County Science Series 41. Natural History Museum of Los Angeles County: Los Angeles, pp. 73-98	† <i>Crenatocetus rayi</i>	Mammalia: Cetacea: Protocetidae	USA: North Carolina: Craven County*
McLoughlin, Stephen; Carpenter, Raymond J.; Jordan, Gregory J.; Hill, Robert S. (2008) Seed ferns survived the end-Cretaceous mass extinction in Tasmania. American Journal of Botany 95(4): 465-471	† <i>Komlopteris cenozoicus</i> S. McLough., R.J. Carp., G.J. Jord. & R.S. Hill	Pteridospermatophyta: Corystospermales: ?Corystospermaceae	AUSTRALIA: Tasmania*
McRoberts, Christopher A.; Krystyn, Leopold; Shea, Adriel (2008) Rhaetian (Late Triassic) <i>Monotis</i> (Bivalvia: Pectinoida) from the eastern northern calcareous Alps (Austria) and the end-Norian crisis in pelagic faunas. Palaeontology 51(3):721-735	† <i>Monotis rhaetica</i>	Mollusca: Bivalvia: Pectinoida: Monotidae	AUSTRIA: Lower Austria*
Mendes, Luis F.; Poinar, George O. (2008) A new fossil silverfish (Zygentoma: Insecta) in Mesozoic Burmese amber. European Journal of Soil Biology 44(5-6): 491-494	† <i>Burmalepisma cretacicum</i>	Zygentoma: Lepismatidae	MYANMAR: ("Burmese amber")
Mendes, Mário Miguel; Friis, Else Marie; Pais, João (2008) <i>Erdtmanispermum juncalense</i> sp. nov., a new species of the extinct order Erdtmanithecales from the Early Cretaceous (probably Berriasian) of Portugal. Review of Palaeobotany and Palynology 149(1-2): 50-56	† <i>Erdtmanispermum juncalense</i> Mendes, Friis & Pais	Spermatophyta: Erdtmanithecales: Erdtmanithecaeaceae	PORTUGAL: Estremadura Region*

Mendes, Mário Miguel; Pais, João; Friis, Else Marie (2008) <i>Raunsgaardispermum lusitanicum</i> gen. et sp. nov., a new seed with <i>in situ</i> pollen from the Early Cretaceous (probably Berriasian) of Portugal: Further support for the Bennettitales-Erdtmanithecales-Gnetales link. Grana 47(3): 211-219	† <i>Raunsgaardispermum lusitanicum</i>	Spermatophyta: fam. indet.	PORTUGAL: Estremadura*
Meng, Stefan (2008) <i>Pupilla talassika</i> n. sp. (Gastropoda: Pulmonata: Pupillidae) from the late Pleistocene loess from West Talasskij Alatau (South Kazakhstan) with comments on the distribution range of <i>Pupilla triplicata</i> (Studer, 1820) in Central Asia. Mollusca 26(2): 221-228	† <i>Pupilla talassika</i>	Mollusca: Gastropoda: Pulmonata: Pupillidae	KAZAKHSTAN: (Aksu Dzhabagly Nature Reserve, West Talasskij Alatau)
Meng, Stefan; Gerber, Jochen (2008) <i>Vallonia ranovi</i> n.sp. from the Pleistocene of Southern Tajikistan (Gastropoda: Pulmonata: Valloniidae). Journal of Conchology 39(5): 599-605	† <i>Vallonia ranovi</i>	Mollusca: Gastropoda: Pulmonata: Valloniidae	TAJIKISTAN: Khovaling*
Menon, Federica; Makarkin, Vladimir N. (2008) New fossil lacewings and antlions (Insecta, Neuroptera) from the Lower Cretaceous Crato Formation of Brazil. Palaeontology 51(1):149-162	† <i>Nuddsia longiantennata</i>	Neuroptera: Osmylidae	BRAZIL: Ceará*
Menon, Federica; Makarkin, Vladimir N. (2008) New fossil lacewings and antlions (Insecta, Neuroptera) from the Lower Cretaceous Crato Formation of Brazil. Palaeontology 51(1):149-162	† <i>Parapalaeoleon magnus</i>	Neuroptera: Palaeoleontidae	BRAZIL: Ceará*
Menon, Federica; Makarkin, Vladimir N. (2008) New fossil lacewings and antlions (Insecta, Neuroptera) from the Lower Cretaceous Crato Formation of Brazil. Palaeontology 51(1):149-162	† <i>Triangulochrysopa formosa</i>	Neuroptera: Mesochrysopidae	BRAZIL: Ceará*
Mergl, Michal; Kordule, Vratislav (2008) New Middle Cambrian lingulate brachiopods from the Skryje-Týřovice area (Central Bohemia, Czech Republic). Bulletin of Geosciences 83(1): 11-22	† <i>Lingulella agaue</i>	Brachiopoda: Lingulida: Linguloidea: Obolidae	CZECH REPUBLIC: Central Bohemia Region*
Mergl, Michal; Kraft, Jaroslav; Kraft, Petr (2008) Life habit and spatial distribution of siphonotretid brachiopods in the Lower Ordovician of the Prague Basin, Czech Republic. Earth and Environmental Science Transactions of the Royal Society of Edinburgh 98(3-4): 253-261	† <i>Alichovia cometa</i>	Brachiopoda: Siphonotretidae	CZECH REPUBLIC: Plzeň Region*
Metais, Grégoire; Qi, Tao; Guo, Jianwei; Beard, K. Christopher (2008) Middle-Eocene artiodactyls from Shanghuang (Jiangsu Province, coastal China) and the diversity of basal dichobunoids in Asia. Naturwissenschaften 95(12): 1121-1135	† <i>Elaschitherium crepaturus</i>	Mammalia: Eutheria: Cetartiodactyla: Dichobunoidea: Dichobunidae?	CHINA: Jiangsu*
Metais, Grégoire; Qi, Tao; Guo, Jianwei; Beard, K. Christopher (2008) Middle-Eocene artiodactyls from Shanghuang (Jiangsu Province, coastal China) and the diversity of basal dichobunoids in Asia. Naturwissenschaften 95(12): 1121-1135	† <i>Jiangsudon shanghuangensis</i>	Mammalia: Eutheria: Cetartiodactyla: Dichobunoidea: Diacodexidae	CHINA: Jiangsu*
Michelsen, Verner (2008) Hoffeinsmyiidae, a new extinct family of Schizophora (Diptera) from Baltic amber. Studia Dipterologica 15(1-2): 211-222	† <i>Hoffeinsmyia enigmatica</i>	Diptera: Hoffeinsmyiidae	("Baltic amber")

Mietto, Paolo; Manfrin, Stefano; Preto, Nereo; Gianolla, Piero (2008) Selected ammonoid fauna from Prati di Stuares/Stuares Wiesen and related sections across the Ladinian-Carnian boundary (southern Alps, Italy). <i>Rivista Italiana di Paleontologia e Stratigrafia</i> 114(3): 377-429	† <i>Zestoceras lorigae</i> Mietto & Manfrin	Mollusca: Cephalopoda: Ammonoidea: Trachyceratidae	CANADA: British Columbia*
Mietto, Paolo; Manfrin, Stefano; Preto, Nereo; Gianolla, Piero (2008) Selected ammonoid fauna from Prati di Stuares/Stuares Wiesen and related sections across the Ladinian-Carnian boundary (southern Alps, Italy). <i>Rivista Italiana di Paleontologia e Stratigrafia</i> 114(3): 377-429	† <i>Zestoceras lorigae</i> Mietto & Manfrin	Mollusca: Cephalopoda: Ammonoidea: Trachyceratidae	ITALY: Lombardy Region* (Schilpario area)
Mietto, Paolo; Manfrin, Stefano; Preto, Nereo; Gianolla, Piero (2008) Selected ammonoid fauna from Prati di Stuares/Stuares Wiesen and related sections across the Ladinian-Carnian boundary (southern Alps, Italy). <i>Rivista Italiana di Paleontologia e Stratigrafia</i> 114(3): 377-429	† <i>Zestoceras lorigae</i> Mietto & Manfrin	Mollusca: Cephalopoda: Ammonoidea: Trachyceratidae	ITALY: Trentino-Alto Adige/Südtirol Region* (near Vorvara in Badia/Kurtar)
Mietto, Paolo; Manfrin, Stefano; Preto, Nereo; Gianolla, Piero (2008) Selected ammonoid fauna from Prati di Stuares/Stuares Wiesen and related sections across the Ladinian-Carnian boundary (southern Alps, Italy). <i>Rivista Italiana di Paleontologia e Stratigrafia</i> 114(3): 377-429	† <i>Zestoceras lorigae</i> Mietto & Manfrin	Mollusca: Cephalopoda: Ammonoidea: Trachyceratidae	ITALY: Veneto Region* (Passo Campolongo)
Mihlbachler, Matthew C. (2008) Species taxonomy, phylogeny, and biogeography of the Brontotheriidae (Mammalia: Perissodactyla). <i>Bulletin of the American Museum of Natural History</i> 311:1-475	† <i>Wickia brevirhinus</i>	Mammalia: Brontotheriidae	USA: Colorado: Moffat County*
Mihlbachler, Matthew C. (2008) Species taxonomy, phylogeny, and biogeography of the Brontotheriidae (Mammalia: Perissodactyla). <i>Bulletin of the American Museum of Natural History</i> 311:1-475	† <i>Wickia brevirhinus</i>	Mammalia: Brontotheriidae	USA: Wyoming: NA*
Milàn, Jesper; Loope, David B.; Bromley, Richard G. (2008) Crouching theropod and <i>Navahopus</i> sauropodomorph tracks from the Early Jurassic Navajo Sandstone of USA. <i>Acta Palaeontologica Polonica</i> 53(2): 197-205	† <i>Navahopus coyoteensis</i>	Sauropsida: Therapoda: Navahopodidae	USA: Arizona-Utah border (Coyote Buttes on border, no counties mentioned by name) (36°59'57.6"N 112°00'34.6"W)
Miller, Ian M.; Hickey, Leo J. (2008) The fossil flora of the Winthrop Formation (Albian-Early Cretaceous) of Washington State, USA. Part I. Bryophyta and Pteridophytina. <i>Bulletin of the Peabody Museum of Natural History</i> 49(2): 135-180	† <i>Calcaropteris bifurcata</i> Miller & Hickey	Angiospermae: Gleicheniales: Matoniaceae	USA: Washington: Okanagan County*
Miller, Ian M.; Hickey, Leo J. (2008) The fossil flora of the Winthrop Formation (Albian-Early Cretaceous) of Washington State, USA. Part I. Bryophyta and Pteridophytina. <i>Bulletin of the Peabody Museum of Natural History</i> 49(2): 135-180	† <i>Calcaropteris boeselii</i> Miller & Hickey	Angiospermae: Gleicheniales: Matoniaceae	USA: Washington: Okanagan County*
Miller, Ian M.; Hickey, Leo J. (2008) The fossil flora of the Winthrop Formation (Albian-Early Cretaceous) of Washington State, USA. Part I. Bryophyta and Pteridophytina. <i>Bulletin of the Peabody Museum of Natural History</i> 49(2): 135-180	† <i>Cladophlebis baja-beeceensis</i> Miller & Hickey	Angiospermae: Order <i>incertae sedis</i>	USA: Washington: Okanagan County*
Miller, Ian M.; Hickey, Leo J. (2008) The fossil flora of the Winthrop Formation (Albian-Early Cretaceous) of Washington State, USA. Part I. Bryophyta and Pteridophytina. <i>Bulletin of the Peabody Museum of Natural History</i> 49(2): 135-180	† <i>Cladophlebis methowensis</i> Miller & Hickey	Angiospermae: Order <i>incertae sedis</i>	USA: Washington: Okanagan County*

Miller, Ian M.; Hickey, Leo J. (2008) The fossil flora of the Winthrop Formation (Albian-Early Cretaceous) of Washington State, USA. Part I. Bryophyta and Pteridophytina. Bulletin of the Peabody Museum of Natural History 49(2): 135-180	† <i>Furcillopteris oblongata</i> Miller & Hickey	Angiospermae: Order <i>incertae sedis</i>	USA: Washington: Okanagan County*
Miller, Ian M.; Hickey, Leo J. (2008) The fossil flora of the Winthrop Formation (Albian-Early Cretaceous) of Washington State, USA. Part I. Bryophyta and Pteridophytina. Bulletin of the Peabody Museum of Natural History 49(2): 135-180	† <i>Microphyllopteris delicata</i> Miller & Hickey	Angiospermae: Gleicheniales: Gleicheniaceae	USA: Washington: Okanagan County*
Miller, Ian M.; Hickey, Leo J. (2008) The fossil flora of the Winthrop Formation (Albian-Early Cretaceous) of Washington State, USA. Part I. Bryophyta and Pteridophytina. Bulletin of the Peabody Museum of Natural History 49(2): 135-180	† <i>Neocalamites vaganta</i> Miller & Hickey	Angiospermae: Equisetales: Apoclamitaceae	USA: Washington: Okanagan County*
Miller, Ian M.; Hickey, Leo J. (2008) The fossil flora of the Winthrop Formation (Albian-Early Cretaceous) of Washington State, USA. Part I. Bryophyta and Pteridophytina. Bulletin of the Peabody Museum of Natural History 49(2): 135-180	† <i>Paramatonia linearis</i> Miller & Hickey	Angiospermae: Gleicheniales: Matoniaceae	USA: Washington: Okanagan County*
Miller, Ian M.; Hickey, Leo J. (2008) The fossil flora of the Winthrop Formation (Albian-Early Cretaceous) of Washington State, USA. Part I. Bryophyta and Pteridophytina. Bulletin of the Peabody Museum of Natural History 49(2): 135-180	† <i>Winthropteris ovalis</i> Miller & Hickey	Angiospermae: Polypodiales: Blechnaceae	USA: Washington: Okanagan County*
Minter, Nicholas J.; Lucas, Spencer G.; Lerner, Allan J.; Braddy, Simon J. (2008) <i>Augerinoichnus helicoidalis</i> , a new helical trace fossil from the nonmarine Permian of New Mexico. Journal of Paleontology 82(6): 1201-1206	† <i>Augerinoichnus helicoidalis</i>	Ichnospecies	USA: New Mexico: (Cañoncito de la Uva, Joyita Hills, Abo Formation)
Minter, Nicholas J.; Lucas, Spencer G.; Lerner, Allan J.; Braddy, Simon J. (2008) <i>Augerinoichnus helicoidalis</i> , a new helical trace fossil from the nonmarine Permian of New Mexico. Journal of Paleontology 82(6): 1201-1206	† <i>Augerinoichnus helicoidalis</i>	Ichnospecies	USA: New Mexico: (Doña Ana Mountains, Robledo Mountains Formation)
Minter, Nicholas J.; Lucas, Spencer G.; Lerner, Allan J.; Braddy, Simon J. (2008) <i>Augerinoichnus helicoidalis</i> , a new helical trace fossil from the nonmarine Permian of New Mexico. Journal of Paleontology 82(6): 1201-1206	† <i>Augerinoichnus helicoidalis</i>	Ichnospecies	USA: New Mexico: (Fra Cristobal Mountains, Abo Formation)
Minter, Nicholas J.; Lucas, Spencer G.; Lerner, Allan J.; Braddy, Simon J. (2008) <i>Augerinoichnus helicoidalis</i> , a new helical trace fossil from the nonmarine Permian of New Mexico. Journal of Paleontology 82(6): 1201-1206	† <i>Augerinoichnus helicoidalis</i>	Ichnospecies	USA: New Mexico: (McLeod Hills, Abo Formation)
Minter, Nicholas J.; Lucas, Spencer G.; Lerner, Allan J.; Braddy, Simon J. (2008) <i>Augerinoichnus helicoidalis</i> , a new helical trace fossil from the nonmarine Permian of New Mexico. Journal of Paleontology 82(6): 1201-1206	† <i>Augerinoichnus helicoidalis</i>	Ichnospecies	USA: New Mexico: (Robledo Mountains, Robledo Mountains Formation)
Minwer-Barakat, Raef; García-Alix, Antonio; Freudenthal, Matthijs (2008) Desmaninae (Talpidae, Mammalia) from the Pliocene of Tollo de Chiclana (Guadix Basin, southern Spain): Considerations on the phylogeny of the genus <i>Archaeodesmana</i> . Geobios 41(3): 381-398	† <i>Archaeodesmana elvirae</i>	Mammalia: Talpidae	SPAIN: Andalusia Autonomous Community* (Granada Province)

Minwer-Barakat, Raef; García-Alix, Antonio; Martín-Suárez, Elvira; Freudenthal, Matthijs (2008) <i>Micromys caesaris</i> , a new murid (Rodentia, Mammalia) from the Late Pliocene of the Guadix Basin, southeastern Spain. <i>Journal of Paleontology</i> 82(2): 436-441	† <i>Micromys caesaris</i>	Mammalia: Rodentia: Muridae	SPAIN: Andalusia Autonomous Community* (Granada Province)
Missiaen, Pieter; Smith, Thierry (2008) The Gashatan (Late Paleocene) mammal fauna from Subeng, Inner Mongolia, China. <i>Acta Palaeontologica Polonica</i> 53(3): 357-378	† <i>Bumbanius ningi</i>	Mammalia: Insectivora: Soricomorpha: Nyctitheriidae	CHINA: Inner Mongolia*
Missiaen, Pieter; Smith, Thierry (2008) The Gashatan (Late Paleocene) mammal fauna from Subeng, Inner Mongolia, China. <i>Acta Palaeontologica Polonica</i> 53(3): 357-378	† <i>Mesodmops tenuis</i>	Mammalia: Multituberculata: Neoplagiaulacidae	CHINA: Inner Mongolia*
Mitchell, Charles; Brussa, Edsel D.; Maletz, Jörg (2008) A mixed isograptid-didymograptid graptolite assemblage from the Middle Ordovician of west Gondwana (NW Bolivia): Implications for graptolite paleoecology. <i>Journal of Paleontology</i> 82(6): 1114-1126	† <i>Hustedograptus bulmani</i>	Hemichordata: Graptolithina:	BOLIVIA: La Paz*
Mitchell, Charles; Brussa, Edsel D.; Maletz, Jörg (2008) A mixed isograptid-didymograptid graptolite assemblage from the Middle Ordovician of west Gondwana (NW Bolivia): Implications for graptolite paleoecology. <i>Journal of Paleontology</i> 82(6): 1114-1126	† <i>Hustedograptus bulmani</i>	Hemichordata: Graptolithina:	ENGLAND: NA*
Mitchell, Charles; Brussa, Edsel D.; Maletz, Jörg (2008) A mixed isograptid-didymograptid graptolite assemblage from the Middle Ordovician of west Gondwana (NW Bolivia): Implications for graptolite paleoecology. <i>Journal of Paleontology</i> 82(6): 1114-1126	† <i>Hustedograptus bulmani</i>	Hemichordata: Graptolithina:	NORWAY: NA* (Elnes Formation)
Mitchell, Charles; Brussa, Edsel D.; Maletz, Jörg (2008) A mixed isograptid-didymograptid graptolite assemblage from the Middle Ordovician of west Gondwana (NW Bolivia): Implications for graptolite paleoecology. <i>Journal of Paleontology</i> 82(6): 1114-1126	† <i>Hustedograptus bulmani</i>	Hemichordata: Graptolithina:	SWEDEN: Kalmar County*
Mitchell, Charles; Brussa, Edsel D.; Maletz, Jörg (2008) A mixed isograptid-didymograptid graptolite assemblage from the Middle Ordovician of west Gondwana (NW Bolivia): Implications for graptolite paleoecology. <i>Journal of Paleontology</i> 82(6): 1114-1126	† <i>Hustedograptus bulmani</i>	Hemichordata: Graptolithina:	WALES: NA*
Mitta, V.V. (2008) The genus <i>Keplerites</i> Neumayr et Uhlig (Kosmocerotidae, Ammonoidea) in the Bathonian-Callovian beds (Middle Jurassic) of the Russian Platform. <i>Paleontological Journal</i> 42(1): 5-14 [Paleontologicheskii Zhurnal 2008(1): 7-14 (in Russian)]	† <i>Keplerites (Keplerites) aigii</i> Mitta	Ammonoidea: Kosmocerotidae	RUSSIA: Mordovia Republic*
Mo, Jin-You; Huang, Chao-Lin; Zhao, Zhong-Ru; Wang, Wei; Xu, Xing (2008) [A new titanosaur (Dinosauria: Sauropoda) from the Late Cretaceous of Guangxi, China]. <i>Vertebrata Palasiatica</i> 46(2): 147-156 (in Chinese)	† <i>Qingxiusaurus youjiangensis</i>	Dinosauria: Sauropoda: Titanosauria:	CHINA: Guangxi*

Mohr, Barbara A.R.; Bernardes-de Oliveira, Mary E.C.; Taylor, David Winship (2008) <i>Pluricarpellatia</i> , a nymphaealean angiosperm from the Lower Cretaceous of northern Gondwana (Crato Formation, Brazil). Taxon 57(4):1147-1158	† <i>Pluricarpellatia peltata</i> B. Mohr, Bernardes-de Oliveira & David W. Taylor	Angiospermae: Nymphaeales: Cabombaceae	BRAZIL: Pará*
Moiseeva, M.G. (2008) New angiosperms from the Maastrichtian of the Amaam Lagoon area (northeastern Russia). Paleontological Journal 42(3): 313-327 [Paleontologicheskii Zhurnal 2008(3): 92-105 (in Russian)]	† <i>Rarytkinia amaamensis</i> Moiseeva	Angiospermae: Magnoliopsida: Viburnifolia	RUSSIA: Kamchatka Krai*
Mollen, Frederik, H. (2008) A new Middle Eocene species of <i>Premontreia</i> (Elasmobranchii, Scyliorhinidae) from Vlaams-Brabant, Belgium. Geologica Belgica 11(3-4): 123-131	† <i>Premontreia (Premontreia) lutetiensis</i>	Elasmobranchii: Carcharhiniformes: Scyliorhinidae	BELGIUM: Flemish Brabant Province*
Moloshnikov, S.V. (2008) Devonian antiarchs (Pisces, Antiarchi) from central and southern European Russia. Paleontological Journal 42(7): 691-773	† <i>Rossolepis brodensis</i> Moloshnikov	Teleostei: Placodermi: Antiarchi: Bothriolepidoidei: Bothriolepididae	RUSSIA: Oryol Oblast*
Montellano, Marisol; Hopson, James A.; Clark, James M. (2008) Late Early Jurassic Mammaliaforms from Huizachal Canyon, Tamaulipas, México. Journal of Vertebrate Paleontology 28(4): 1130-1143	† <i>Bocaconodon tamaulipensis</i>	Synapsida: Mammaliaformes: fam. indet.	MEXICO: Tamaulipas*
Montellano, Marisol; Hopson, James A.; Clark, James M. (2008) Late Early Jurassic Mammaliaforms from Huizachal Canyon, Tamaulipas, México. Journal of Vertebrate Paleontology 28(4): 1130-1143	† <i>Huasteconodon wiblei</i>	Mammalia: Triconodonta: Gobiconodontidae	MEXICO: Tamaulipas*
Montellano, Marisol; Hopson, James A.; Clark, James M. (2008) Late Early Jurassic Mammaliaforms from Huizachal Canyon, Tamaulipas, México. Journal of Vertebrate Paleontology 28(4): 1130-1143	† <i>Victoriaconodon inaequalis</i>	Mammalia: Triconodonta: Triconodontidae	MEXICO: Tamaulipas*
Monttequin, Bernard (2008) Late Middle to Late Frasnian Atrypida, Pentamerida, and Terebratulida (Brachiopoda) from the Namur-Dinant Basin (Belgium). Geobios 41(4): 493-513	† <i>Pseudoatrypa godefroidi</i>	Brachiopoda: Atrypida: Atrypidae	BELGIUM: Namur*
Monttequin, Bernard (2008) Late Middle to Late Frasnian Atrypida, Pentamerida, and Terebratulida (Brachiopoda) from the Namur-Dinant Basin (Belgium). Geobios 41(4): 493-513	† <i>Spinatrypina (Exatrypa) marmoris</i>	Brachiopoda: Atrypida: Atrypidae	BELGIUM: Namur*
Morgenroth, Peter; Rahardjo, A.T.; Maryunani, K. Anwar (2008) Dinoflagellate cysts from Miocene outcrops on Java Island, Indonesia. Palaeontographica, Abteilung B. Paläophytologie 278(4-6): 111-137	†? <i>Baltisphaeridium cisubuhum</i>	Dinoflagellata: Acanthomorphytae: incertae sedis	INDONESIA: West Java Province*
Morgenroth, Peter; Rahardjo, A.T.; Maryunani, K. Anwar (2008) Dinoflagellate cysts from Miocene outcrops on Java Island, Indonesia. Palaeontographica, Abteilung B. Paläophytologie 278(4-6): 111-137	†? <i>Baltisphaeridium fastigatum</i>	Dinoflagellata: Acanthomorphytae: incertae sedis	INDONESIA: West Java Province*
Morgenroth, Peter; Rahardjo, A.T.; Maryunani, K. Anwar (2008) Dinoflagellate cysts from Miocene outcrops on Java Island, Indonesia. Palaeontographica, Abteilung B. Paläophytologie 278(4-6): 111-137	†? <i>Erymnodinium modestum</i>	Dinoflagellata: Dinophyceae: Gonyaulacales	INDONESIA: West Java Province*
Morgenroth, Peter; Rahardjo, A.T.; Maryunani, K. Anwar (2008) Dinoflagellate cysts from Miocene outcrops on Java Island, Indonesia. Palaeontographica, Abteilung B. Paläophytologie 278(4-6): 111-137	† <i>Achomosphaera clavata</i>	Dinoflagellata: Dinophyceae: Gonyaulacales	INDONESIA: West Java Province*

Morgenroth, Peter; Rahardjo, A.T.; Maryunani, K. Anwar (2008) Dinoflagellate cysts from Miocene outcrops on Java Island, Indonesia. <i>Palaeontographica, Abteilung B. Paläophytologie</i> 278(4-6): 111-137	† <i>Achomosphaera jayana</i>	Dinoflagellata: Dinophyceae: Gonyaulacales	INDONESIA: Central Java Province*
Morgenroth, Peter; Rahardjo, A.T.; Maryunani, K. Anwar (2008) Dinoflagellate cysts from Miocene outcrops on Java Island, Indonesia. <i>Palaeontographica, Abteilung B. Paläophytologie</i> 278(4-6): 111-137	† <i>Artemisiocysta distendata</i>	Dinoflagellata: uncertain	INDONESIA: Central Java Province*
Morgenroth, Peter; Rahardjo, A.T.; Maryunani, K. Anwar (2008) Dinoflagellate cysts from Miocene outcrops on Java Island, Indonesia. <i>Palaeontographica, Abteilung B. Paläophytologie</i> 278(4-6): 111-137	† <i>Dilabidinium areolatum</i>	Dinoflagellata: Dinophyceae: Gonyaulacales	INDONESIA: West Java Province*
Morgenroth, Peter; Rahardjo, A.T.; Maryunani, K. Anwar (2008) Dinoflagellate cysts from Miocene outcrops on Java Island, Indonesia. <i>Palaeontographica, Abteilung B. Paläophytologie</i> 278(4-6): 111-137	† <i>Edwardsiella hastata</i>	Dinoflagellata: Dinophyceae: Gonyaulacales	INDONESIA: Central Java Province*
Morgenroth, Peter; Rahardjo, A.T.; Maryunani, K. Anwar (2008) Dinoflagellate cysts from Miocene outcrops on Java Island, Indonesia. <i>Palaeontographica, Abteilung B. Paläophytologie</i> 278(4-6): 111-137	† <i>Hystriochosphaeropsis procera</i>	Dinoflagellata: Dinophyceae: Gonyaulacales	INDONESIA: Central Java Province*
Morgenroth, Peter; Rahardjo, A.T.; Maryunani, K. Anwar (2008) Dinoflagellate cysts from Miocene outcrops on Java Island, Indonesia. <i>Palaeontographica, Abteilung B. Paläophytologie</i> 278(4-6): 111-137	† <i>Javadinium matsuokae</i>	Dinoflagellata: Dinophyceae: Gonyaulacales	INDONESIA: West Java Province*
Morgenroth, Peter; Rahardjo, A.T.; Maryunani, K. Anwar (2008) Dinoflagellate cysts from Miocene outcrops on Java Island, Indonesia. <i>Palaeontographica, Abteilung B. Paläophytologie</i> 278(4-6): 111-137	† <i>Lejeunecysta denticulata</i>	Dinoflagellata: Dinophyceae: Gonyaulacales	INDONESIA: West Java Province*
Morgenroth, Peter; Rahardjo, A.T.; Maryunani, K. Anwar (2008) Dinoflagellate cysts from Miocene outcrops on Java Island, Indonesia. <i>Palaeontographica, Abteilung B. Paläophytologie</i> 278(4-6): 111-137	† <i>Operculodinium javanum</i>	Dinoflagellata: Dinophyceae: Gonyaulacales	INDONESIA: West Java Province*
Morgenroth, Peter; Rahardjo, A.T.; Maryunani, K. Anwar (2008) Dinoflagellate cysts from Miocene outcrops on Java Island, Indonesia. <i>Palaeontographica, Abteilung B. Paläophytologie</i> 278(4-6): 111-137	† <i>Operculodinium kebumenum</i>	Dinoflagellata: Dinophyceae: Gonyaulacales	INDONESIA: Central Java Province*
Morgenroth, Peter; Rahardjo, A.T.; Maryunani, K. Anwar (2008) Dinoflagellate cysts from Miocene outcrops on Java Island, Indonesia. <i>Palaeontographica, Abteilung B. Paläophytologie</i> 278(4-6): 111-137	† <i>Spiniferites cijarianus</i>	Dinoflagellata: Dinophyceae: Gonyaulacales	INDONESIA: West Java Province*
Morgenroth, Peter; Rahardjo, A.T.; Maryunani, K. Anwar (2008) Dinoflagellate cysts from Miocene outcrops on Java Island, Indonesia. <i>Palaeontographica, Abteilung B. Paläophytologie</i> 278(4-6): 111-137	† <i>Spiniferites sinuosus</i>	Dinoflagellata: Dinophyceae: Gonyaulacales	INDONESIA: West Java Province*
Mossman, David J.; Grantham, Robert G. (2008) <i>Eochelysipus horni</i> , a new vertebrate trace fossil from the Tournaisian Horton Bluff Formation, Nova Scotia. <i>Atlantic Geology</i> 44: 69-77	† <i>Eochelysipus horni</i> isp.n.	Reptilia: Cotylosauria: Captorhinomorpha: fam. indet.	CANADA: Nova Scotia*
Mostovski, M.B. (2008) Contributions to the study of fossil snipe flies (Diptera: Rhagionidae): The genus <i>Protorhagio</i> . <i>Paleontological Journal</i> 42(1): 75-80 [<i>Paleontologicheskii Zhurnal</i> 2008(1): 78-83 (in Russian)]	† <i>Protorhagio karataviensis</i> Mostovski	Diptera: Rhagionidae	KAZAKHSTAN: (Karatau Mountains, Mikhailovka locality)

Mostovski, M.B. (2008) Contributions to the study of fossil snipe flies (Diptera: Rhagionidae): The genus <i>Protorhagio</i> . Paleontological Journal 42(1): 75-80 [Paleontologicheskii Zhurnal 2008(1): 78-83 (in Russian)]	† <i>Protorhagio ponomarenkoi</i> Mostovski	Diptera: Rhagionidae	KAZAKHSTAN: (Karatau Mountains, Mikhailovka locality)
Mostovski, M.B. (2008) Contributions to the study of fossil snipe flies (Diptera: Rhagionidae): The genus <i>Protorhagio</i> . Paleontological Journal 42(1): 75-80 [Paleontologicheskii Zhurnal 2008(1): 78-83 (in Russian)]	† <i>Protorhagio ruptus</i> Mostovski	Diptera: Rhagionidae	KAZAKHSTAN: (Karatau Mountains, Mikhailovka locality)
Mottequin, Bernard (2008) Late Middle Frasnian to Early Famennian (Late Devonian) strophomenid, orthotetid, and athyridid brachiopods from southern Belgium. Journal of Paleontology 82(6): 1052-1073	† <i>Douvillina area</i>	Brachiopoda: Strophomenida: Douvillinidae	BELGIUM: Luxembourg Province*
Mottequin, Bernard (2008) New observations on Upper Devonian brachiopods from the Namur-Dinant Basin (Belgium). Geodiversitas 30(3): 455-537	† <i>Aulacella aggeris</i>	Brachiopoda: Orthida: Dalmanellidina: Rhipidomellidae	BELGIUM: Namur*
Mottequin, Bernard (2008) New observations on Upper Devonian brachiopods from the Namur-Dinant Basin (Belgium). Geodiversitas 30(3): 455-537	† <i>Dicamara plutonis</i>	Brachiopoda: Athyridida: Athyridina: Meristidae	BELGIUM: Namur*
Mottequin, Bernard (2008) New observations on Upper Devonian brachiopods from the Namur-Dinant Basin (Belgium). Geodiversitas 30(3): 455-537	† <i>Neptunathyris buxi</i>	Brachiopoda: Athyridida: Athyridina: Athyrididae	BELGIUM: Namur*
Mottequin, Bernard (2008) New observations on Upper Devonian brachiopods from the Namur-Dinant Basin (Belgium). Geodiversitas 30(3): 455-537	† <i>Warrenella (Warrenella) aquaealbae</i>	Brachiopoda: Spiriferida: Spiriferidina: Reticulariidae	BELGIUM: Namur*
Mourer-Chauviré, Cécile; Geraads, Denis (2008) The Struthionidae and Pelagornithidae (Aves, Struthioniformes, Odontopterygiformes) from the late Pliocene of Ahl Al Oughiam, Morocco. Oryctos 7: 169-194	† <i>Pelagornis mauretanicus</i>	Aves: Pelagornithidae	MOROCCO: Greater Casablanca Administrative Region*
Müller, Johannes; Li, Jin-Ling; Reisz, Robert R. (2008) A new bolosaurid parareptile, <i>Belebey chengi</i> sp. nov., from the Middle Permian of China and its paleogeographic significance. Naturwissenschaften 95(12): 1169-1174	† <i>Belebey chengi</i>	Parareptilia: Bolosauridae	CHINA: Gansu*
Murray, A.M.; Thewissen, J.G.M. (2008) Eocene Actinopterygian fishes from Pakistan, with the description of a new genus and species of channid (Channiformes). Journal of Vertebrate Paleontology 28(1): 41-52	† <i>Anchichanna kuldanensis</i>	Channiformes: Channidae	PAKISTAN: Sindh Province*
Mutter, Raoul J.; Cartanyà, Joan; Basaraba, Susan A.U. (2008) New evidence of <i>Saurichthys</i> from the Lower Triassic with an evaluation of early saurichthyid diversity. In: Arratia, Gloria; Schultze, Hans-Peter; Wilson, Mark V.H. (eds.) (2008) Mesozoic Fishes 4. Homology and Phylogeny. Proceedings of the International Meeting, Miraflores de la Sierra, 2005. Verlag Dr. Friedrich Pfeil: München, pp. 103-127	† <i>Saurichthys toxolepis</i>	Actinopterygii: Saurichthyiformes: Saurichthyidae	CANADA: British Columbia*

Mutter, Raoul J.; Neuman, Andrew G. (2008) New eugeneodontid sharks from the Lower Triassic Sulphur Mountain Formation of western Canada. In: <i>Fishes and the Break-Up of Pangaea</i> . Geological Society Special Publication, No. 295. (L. Calvin, A. Longbottom and M. Richter, eds.) Geological Society: London, ISBN: 9781862392489, pp. 9-41	† <i>Caseodus varidentis</i>	Chondrichthyes: Elasmobranchii: Eugeneodontida: Caseodontoidea: Caseodontidae	CANADA: British Columbia*
Mutter, Raoul J.; Neuman, Andrew G. (2008) New eugeneodontid sharks from the Lower Triassic Sulphur Mountain Formation of western Canada. In: <i>Fishes and the Break-Up of Pangaea</i> . Geological Society Special Publication, No. 295. (L. Calvin, A. Longbottom and M. Richter, eds.) Geological Society: London, ISBN: 9781862392489, pp. 9-41	† <i>Fadenia uroclasmato</i>	Chondrichthyes: Elasmobranchii: Eugeneodontida: Caseodontoidea: Caseodontidae	CANADA: British Columbia*
Mutter, Raoul J.; Neuman, Andrew G. (2008) New eugeneodontid sharks from the Lower Triassic Sulphur Mountain Formation of western Canada. In: <i>Fishes and the Break-Up of Pangaea</i> . Geological Society Special Publication, No. 295. (L. Calvin, A. Longbottom and M. Richter, eds.) Geological Society: London, ISBN: 9781862392489, pp. 9-41	† <i>Paredestus bricircum</i>	Chondrichthyes: Elasmobranchii: Eugeneodontida: Edestoidea: ?Edestidae	CANADA: British Columbia*
Náñez, Carolina; Malumián, Norberto (2008) Paleobiogeografía y paleogeografía del Maastrichtense marino de la Patagonia, Tierra del Fuego y la Plataforma Continental Argentina, según sus foraminíferos bentónicos. <i>Revista Española de Paleontología</i> 23(2): 273-300	† <i>Protelphidium primitivum</i>	Foraminiferida:	ARGENTINA: Mendoza*
Náñez, Carolina; Malumián, Norberto (2008) Paleobiogeografía y paleogeografía del Maastrichtense marino de la Patagonia, Tierra del Fuego y la Plataforma Continental Argentina, según sus foraminíferos bentónicos. <i>Revista Española de Paleontología</i> 23(2): 273-300	† <i>Protelphidium primitivum</i>	Foraminiferida:	ARGENTINA: Río Negro*
Náñez, Carolina; Malumián, Norberto (2008) Paleobiogeografía y paleogeografía del Maastrichtense marino de la Patagonia, Tierra del Fuego y la Plataforma Continental Argentina, según sus foraminíferos bentónicos. <i>Revista Española de Paleontología</i> 23(2): 273-300	† <i>Rosalina patagonica</i>	Foraminiferida:	ARGENTINA: Mendoza*
Náñez, Carolina; Malumián, Norberto (2008) Paleobiogeografía y paleogeografía del Maastrichtense marino de la Patagonia, Tierra del Fuego y la Plataforma Continental Argentina, según sus foraminíferos bentónicos. <i>Revista Española de Paleontología</i> 23(2): 273-300	† <i>Tehuelchella caminasi</i>	Foraminiferida:	ARGENTINA: Mendoza*
Naugolnykh, S.V. (2008) A new gymnosperm <i>Sylvocarpus armatus</i> gen. et sp. nov. from the Lower Permian of the Ural Mountains. <i>Paleontological Journal</i> 42(4): 431-439 [Paleontologicheskii Zhurnal 2008(4): 94-100 (in Russian)]	† <i>Sylvocarpus armatus</i> Naugolnykh	Pinophyta: Pteridospermopsida: Peltaspermales: Angaropeltidaceae	RUSSIA: Perm Krai*
Naugolnykh, S.V. (2008) New seeds of gymnosperms from the Lower Permian of the Ural Mountains. <i>Paleontological Journal</i> 42(5): 544-553 [Paleontologicheskii Zhurnal 2008(5): 88-95 (in Russian)]	† <i>Craspedosperma filiferum</i> Naugolnykh	Cycadopsida: incertae sedis	RUSSIA: Perm Oblast*
Naugolnykh, S.V. (2008) New seeds of gymnosperms from the Lower Permian of the Ural Mountains. <i>Paleontological Journal</i> 42(5): 544-553 [Paleontologicheskii Zhurnal 2008(5): 88-95 (in Russian)]	† <i>Hirsutospermum paniculatum</i> Naugolnykh	Pinopsida: incertae sedis	RUSSIA: Perm Oblast*

Naugolnykh, S.V. (2008) New seeds of gymnosperms from the Lower Permian of the Ural Mountains. Paleontological Journal 42(5): 544-553 [Paleontologicheskii Zhurnal 2008(5): 88-95 (in Russian)]	† <i>Laevigatospermum compressum</i> Naugolnykh	Pinopsida: incertae sedis	RUSSIA: Perm Oblast*
Naugolnykh, S.V. (2008) New seeds of gymnosperms from the Lower Permian of the Ural Mountains. Paleontological Journal 42(5): 544-553 [Paleontologicheskii Zhurnal 2008(5): 88-95 (in Russian)]	† <i>Rugosospermum callosum</i> Naugolnykh	Cycadopsida: incertae sedis	RUSSIA: Perm Oblast*
Nel, André; Garrouste, Romain; Roques, Patrick (2008) A new griffenfly genus from the Late Carboniferous of northern France (Odonoptera: Meganeuridae). Insect Systematics and Evolution 39(2): 231-239	† <i>Gallotupus oudardi</i> Nel, Garrouste & Roques	Odonatoptera: Meganeuridae	FRANCE: Nord-Pas-de-Calais Region* (Pas-de-Calais Department)
Nel, André; Huang, Di-Ying; Lin, Qi-Bin (2008) A new genus of isophlebioid damsel-dragonflies with "calopterygid"-like wing shape from the Middle Jurassic of China (Odonata: Isophlebioidea: Campteropterygidae). European Journal of Entomology 105(4): 783-787	† <i>Zygokaratawia reni</i>	Odonata: Campteropterygidae	CHINA: Inner Mongolia*
Nel, André; Neraudeau, Didier; Perrichot, Vincent; Girard, Vincent; Gomez, Bernard (2008) A new dragonfly family from the Upper Cretaceous of France. Acta Palaeontologica Polonica 53(1): 165-168	† <i>Enigmaeshna deprei</i>	Odonata: Anisoptera: Enigmaeshnidae	FRANCE: Poitou-Charentes Region* (Charente-Maritime Department, La Rochelle District)
Nel, André; Prokop, Jakub; Ross, Andrew J. (2008) New genus of leaf-mimicking katydids (Orthoptera: Tettigoniidae) from the Late Eocene-Early Oligocene of France and England. Comptes Rendus Palevol 7(4): 211-216	† <i>Archepseudophylla fossilis</i>	Orthoptera: Tettigoniidae	FRANCE: Provence-Alpes-Côte d'Azur Region* (Alpes-de-Haute-Provence Department)
Nel, André; Prokop, Jakub; Ross, Andrew J. (2008) New genus of leaf-mimicking katydids (Orthoptera: Tettigoniidae) from the Late Eocene-Early Oligocene of France and England. Comptes Rendus Palevol 7(4): 211-216	† <i>Archepseudophylla fossilis</i>	Orthoptera: Tettigoniidae	FRANCE: Provence-Alpes-Côte d'Azur Region* (Bouches-du-Rhône Department)
Neumann, Christian; Wisshak, Max; Bromley, Richard G. (2008) Boring a mobile domicile: An alternative to the conchicolous life habit. In: Current Developments in Bioerosion (Max Wisshak and Leif Tapanila, eds.) Springer: Berlin, pp. 307-327	† <i>Trypanites mobilis</i> isp.n.	Ichnospecies	DENMARK
Neumann, Christian; Wisshak, Max; Bromley, Richard G. (2008) Boring a mobile domicile: An alternative to the conchicolous life habit. In: Current Developments in Bioerosion (Max Wisshak and Leif Tapanila, eds.) Springer: Berlin, pp. 307-327	† <i>Trypanites mobilis</i> isp.n.	Ichnospecies	GERMANY
Nicolaidis, Demétrio Dias; Coimbra, João Carlos (2008) <i>Perissocytheridea carrenoae</i> sp. nov. (Crustacea, Ostracoda) and associated calcareous microfauna from Yecua Formation (Miocene), Bolivia. Revista Brasileira de Paleontologia 11(3): 179-186	† <i>Perissocytheridea carrenoae</i>	Crustacea: Ostracoda: Cytherideoidea: Cytherideidae	BOLIVIA: Santa Cruz Department*

Nielsen, Sven N.; Frassinetti, Daniel (2008) <i>Ipunina</i> , a new genus perhaps of Litiopidae (lower Caenogastropoda), from the Neogene of southern Chile. Journal of Molluscan Studies 74(3): 253-257	† <i>Ipunina vladimiri</i>	Mollusca: Gastropoda: Caenogastropoda: ?Litiopidae	CHILE: (Chonos Archipelago, Ipún Island)
Nielsen, Sven N.; Frassinetti, Daniel (2008) <i>Ipunina</i> , a new genus perhaps of Litiopidae (lower Caenogastropoda), from the Neogene of southern Chile. Journal of Molluscan Studies 74(3): 253-257	† <i>Ipunina vladimiri</i>	Mollusca: Gastropoda: Caenogastropoda: ?Litiopidae	CHILE: Chiloé*
Niko, Shuji (2008) <i>Isorthoceras wahlenbergi</i> , a new Late Ordovician cephalopod from the Boda Limestone of Dalarna, Sweden. Paleontological Research 12(2): 195-198	† <i>Isorthoceras wahlenbergi</i>	Mollusca: Cephalopoda: Proteoceratidae	SWEDEN: Dalarna County*
Niko, Shuji; Adachi, Tomio (2008) <i>Aulostegites nodai</i> , a new species of Early Silurian tabulate coral from the Gionyama Formation, Miyazaki Prefecture. Bulletin of the National Science Museum, Series C (Geology & Paleontology) 34: 39-42	† <i>Aulostegites nodai</i>	Cnidaria: Auloporida: Roemeriidae	JAPAN: Miyazaki Prefecture*
Nikolajev, G.V. (2008) [A new species of the genus <i>Jurahybosorus</i> Nikolajev (Coleoptera, Scarabaeoidea; Hybosoridae) from the Upper Jurassic of Kazakhstan]. Tethys Entomological Research 16: 27-30 (in ???)	† <i>Jurahybosorus kazakhstanicus</i> Nikolajev	Coleoptera: Hybosoridae	KAZAKHSTAN
Nikolajev, G.V. (2008) [A new species of the genus <i>Trox</i> F. from the Lower Cretaceous of Siberia. Bulletin of the National Academy of Sciences of Kazakhstan 2008(4-268): 55-56 (in Russian)]	† <i>Trox minutus</i> Nikolajev	Coleoptera: Trogidae	RUSSIA: (Siberia)
Nikolajev, G.V. (2008) [The family Geotrupidae (Coleoptera) from the Lower Cretaceous of Asia]. Tethys Entomological Research 16: 31-36	† <i>Lithogeotrupes confusus</i> Nikolajev	Coleoptera: Geotrupidae	RUSSIA: (Transbaikalia, Baissa locality)
Noble, Paula J.; Tekin, U. Kagan; Gedik, Ibrahim; Pehlivan, Sukru (2008) Middle to Upper Tournasian radiolaria of the Baltalimani Formation, Istanbul, Turkey. Journal of Paleontology 82(1): 37-56	† <i>Albaillella kayai</i>	Rhizaria: Radiolaria: Albaillellaria: Albaillellidae	TURKEY: Istanbul*
Noble, Paula J.; Tekin, U. Kagan; Gedik, Ibrahim; Pehlivan, Sukru (2008) Middle to Upper Tournasian radiolaria of the Baltalimani Formation, Istanbul, Turkey. Journal of Paleontology 82(1): 37-56	† <i>Ceratoikiscum juncundum</i>	Rhizaria: Radiolaria: Albaillellaria: Ceratiokiscidae	TURKEY: Istanbul*
Noble, Paula J.; Tekin, U. Kagan; Gedik, Ibrahim; Pehlivan, Sukru (2008) Middle to Upper Tournasian radiolaria of the Baltalimani Formation, Istanbul, Turkey. Journal of Paleontology 82(1): 37-56	† <i>Meschedea akcetensis</i>	Rhizaria: Radiolaria: Entactinaria: Entactiniidae	TURKEY: Istanbul*
Noble, Paula J.; Tekin, U. Kagan; Gedik, Ibrahim; Pehlivan, Sukru (2008) Middle to Upper Tournasian radiolaria of the Baltalimani Formation, Istanbul, Turkey. Journal of Paleontology 82(1): 37-56	† <i>Stigmosphaerostylus istanbulensis</i>	Rhizaria: Radiolaria: Entactinaria: Entactiniidae	TURKEY: Istanbul*
Nogueira, João Miguel de Matos (2008) Review of some terebelliform polychaetes (Polychaeta: Turbelliformia) at the Yale Peabody Museum. Bulletin of the Peabody Museum of Natural History 49(2): 209-234	† <i>Nicolea lazo-wasemi</i> Nogueira	Annelida: Polychaeta: Trichobanchidae	USA: Connecticut: New Haven County*
Nogueira, João Miguel de Matos (2008) Review of some terebelliform polychaetes (Polychaeta: Turbelliformia) at the Yale Peabody Museum. Bulletin of the Peabody Museum of Natural History 49(2): 209-234	† <i>Trichobanchus drewi</i> Nogueira	Annelida: Polychaeta: Trichobanchidae	USA: Massachusetts: Dukes County*

Nolf, Dirk; Rana, Rajendra Singh; Prasad, Guntupalli V.R. (2008) Late Cretaceous (Maastrichtian) fish otoliths from the Deccan Intertrappean Beds, India: A revision. Bulletin de l'Institut Royal des Sciences Naturelles de Belgique, Sciences de la Terre 78: 239-259	† <i>"Heterotidinarum" heterotoides</i>	Actinopterygii: Osteoglossiformes: Osteoglossidae	INDIA (Chemalgutta)
Nolf, Dirk; Rana, Rajendra Singh; Prasad, Guntupalli V.R. (2008) Late Cretaceous (Maastrichtian) fish otoliths from the Deccan Intertrappean Beds, India: A revision. Bulletin de l'Institut Royal des Sciences Naturelles de Belgique, Sciences de la Terre 78: 239-259	† <i>"Heterotidinarum" heterotoides</i>	Actinopterygii: Osteoglossiformes: Osteoglossidae	INDIA Karnataka*
Nolf, Dirk; Rana, Rajendra Singh; Prasad, Guntupalli V.R. (2008) Late Cretaceous (Maastrichtian) fish otoliths from the Deccan Intertrappean Beds, India: A revision. Bulletin de l'Institut Royal des Sciences Naturelles de Belgique, Sciences de la Terre 78: 239-259	† <i>"Heterotidinarum" heterotoides</i>	Actinopterygii: Osteoglossiformes: Osteoglossidae	INDIA: Andhra Pradesh*
Nolf, Dirk; Rana, Rajendra Singh; Prasad, Guntupalli V.R. (2008) Late Cretaceous (Maastrichtian) fish otoliths from the Deccan Intertrappean Beds, India: A revision. Bulletin de l'Institut Royal des Sciences Naturelles de Belgique, Sciences de la Terre 78: 239-259	† <i>"Percoideorum" citreum</i>	Actinopterygii: Siluriformes: Ariidae	INDIA: (Chemalgutta)
Nolf, Dirk; Rana, Rajendra Singh; Prasad, Guntupalli V.R. (2008) Late Cretaceous (Maastrichtian) fish otoliths from the Deccan Intertrappean Beds, India: A revision. Bulletin de l'Institut Royal des Sciences Naturelles de Belgique, Sciences de la Terre 78: 239-259	† <i>"Percoideorum" citreum</i>	Actinopterygii: Siluriformes: Ariidae	INDIA: Andhra Pradesh*
Norell, Mark A.; Gao, Ke-Qin; Conrad, Jack (2008) A new platynotan lizard (Diapsida: Squamata) from the Late Cretaceous Gobi Desert (Ömnögov), Mongolia. American Museum Novitates 3605: 1-22	† <i>Ovoö gurvel</i>	Reptilia: Diapsida: Squamata: Anguimorpha: Varanoidea: fam. indet.	MONGOLIA: Ömnögov*
Noriega, Jorge Ignacio; Cladera, Gerardo (2008) First record of an extinct marabou stork in the Neogene of South America. Acta Palaeontologica Polonica 53(4): 593-600	† <i>Leptoptilos patagonicus</i>	Aves: Ciconiiformes: Ciconiidae	ARGENTINA: Chubut*
Nosova, N.V.; Kiritchkova, A.I. (2008) A new species and a new combination of the Mesozoic genus <i>Podocarpophyllum</i> Gomolitzky (Coniferales). Paleontological Journal 42(6): 665-674 [Paleontologicheskii Zhurnal 2008(6): 89-96 (in Russian)]	† <i>Podocarpophyllum kazachstanicum</i> N. Nosova & Kiritchkova	Pinophyta: Pinales: Podocarpaceae	KAZAKHSTAN: Mangystau Province*
Nosova, N.V.; Kiritchkova, A.I. (2008) First records of the genus <i>Mirovia</i> Reymanówna (Miroviaceae, Coniferales) from the Lower Jurassic of Western Kazakhstan (Mangyshlak). Paleontological Journal 42(12): 1383-1392	† <i>Mirovia asiatica</i> N. Nosova & Kiritchkova	Pinophyta: Pinales: Miroviaceae	KAZAKHSTAN: Mangyshlak*
Nosova, N.V.; Kiritchkova, A.I. (2008) First records of the genus <i>Mirovia</i> Reymanówna (Miroviaceae, Coniferales) from the Lower Jurassic of Western Kazakhstan (Mangyshlak). Paleontological Journal 42(12): 1383-1392	† <i>Mirovia kazachstanica</i> N. Nosova & Kiritchkova	Pinophyta: Pinales: Miroviaceae	KAZAKHSTAN: Mangyshlak*
Novas, Fernando E.; Ezcurra, Martín D.; Lecuona, Agustina (2008) <i>Orkoraptor burkei</i> nov. gen. et sp., a large theropod from the Maastrichtian Pari Aike Formation, southern Patagonia, Argentina. Cretaceous Research 29(3): 468-480	† <i>Orkoraptor burkei</i>	Dinosauria: Theropoda: ?Coelurosauria: fam. indet.	ARGENTINA: Santa Cruz Province*
Nyborg, Torrey; Fam, John (2008) <i>Bicornisranina bocki</i> , n. gen., n. sp. (Decapoda: Raninidae) from the Cretaceous of Vancouver Island, British Columbia, Canada. Journal of Crustacean Biology 28(4): 686-694	† <i>Bicornisranina bocki</i>	Crustacea: Decapoda: Raninidae	CANADA: British Columbia*

Nyborg, Torrey; Vega, Francisco J. (2008) Three new fossil species of <i>Lophomastix</i> (Decapoda: Blepharipodidae) from the Cenozoic of Washington. Journal of Crustacean Biology 28(2): 361-369	† <i>Lophomastix altoonaensis</i>	Crustacea: Decapoda: Blepharipodidae	USA: Washington: Wahkiakum County*
Nyborg, Torrey; Vega, Francisco J. (2008) Three new fossil species of <i>Lophomastix</i> (Decapoda: Blepharipodidae) from the Cenozoic of Washington. Journal of Crustacean Biology 28(2): 361-369	† <i>Lophomastix boykoi</i>	Crustacea: Decapoda: Blepharipodidae	USA: Washington: Wahkiakum County*
Nyborg, Torrey; Vega, Francisco J. (2008) Three new fossil species of <i>Lophomastix</i> (Decapoda: Blepharipodidae) from the Cenozoic of Washington. Journal of Crustacean Biology 28(2): 361-369	† <i>Lophomastix kellyi</i>	Crustacea: Decapoda: Blepharipodidae	USA: Washington: Lewis County*
Odin, Gilles Serge (2008) Description et illustration de quarante-quatre giliannelles (microproblematica) et de dix autres microproblematica du Crétacé de la coupe stratotypique de Tercis (limite Campanien-Maastrichtien), Sud-Ouest France. Carnets de Géologie / Notebooks on Geology 2008(Mem 1): 1-82	† <i>Aquilegiella ericius</i>	microproblematica: giliannelles	FRANCE: Aquitaine Region* (Landes Department)
Odin, Gilles Serge (2008) Description et illustration de quarante-quatre giliannelles (microproblematica) et de dix autres microproblematica du Crétacé de la coupe stratotypique de Tercis (limite Campanien-Maastrichtien), Sud-Ouest France. Carnets de Géologie / Notebooks on Geology 2008(Mem 1): 1-82	† <i>Aquilegiella varia</i>	microproblematica: giliannelles	FRANCE: Aquitaine Region* (Landes Department)
Odin, Gilles Serge (2008) Description et illustration de quarante-quatre giliannelles (microproblematica) et de dix autres microproblematica du Crétacé de la coupe stratotypique de Tercis (limite Campanien-Maastrichtien), Sud-Ouest France. Carnets de Géologie / Notebooks on Geology 2008(Mem 1): 1-82	† <i>Aturella aequilatera</i>	microproblematica: giliannelles	FRANCE: Aquitaine Region* (Landes Department, Dax "près", Tercis commune)
Odin, Gilles Serge (2008) Description et illustration de quarante-quatre giliannelles (microproblematica) et de dix autres microproblematica du Crétacé de la coupe stratotypique de Tercis (limite Campanien-Maastrichtien), Sud-Ouest France. Carnets de Géologie / Notebooks on Geology 2008(Mem 1): 1-82	† <i>Aturella altodepressa</i>	microproblematica: giliannelles	FRANCE: Aquitaine Region* (Landes Department)
Odin, Gilles Serge (2008) Description et illustration de quarante-quatre giliannelles (microproblematica) et de dix autres microproblematica du Crétacé de la coupe stratotypique de Tercis (limite Campanien-Maastrichtien), Sud-Ouest France. Carnets de Géologie / Notebooks on Geology 2008(Mem 1): 1-82	† <i>Aturella angulata</i>	microproblematica: giliannelles	FRANCE: Aquitaine Region* (Landes Department)
Odin, Gilles Serge (2008) Description et illustration de quarante-quatre giliannelles (microproblematica) et de dix autres microproblematica du Crétacé de la coupe stratotypique de Tercis (limite Campanien-Maastrichtien), Sud-Ouest France. Carnets de Géologie / Notebooks on Geology 2008(Mem 1): 1-82	† <i>Aturella edentula</i>	microproblematica: giliannelles	FRANCE: Aquitaine Region* (Landes Department)
Odin, Gilles Serge (2008) Description et illustration de quarante-quatre giliannelles (microproblematica) et de dix autres microproblematica du Crétacé de la coupe stratotypique de Tercis (limite Campanien-Maastrichtien), Sud-Ouest France. Carnets de Géologie / Notebooks on Geology 2008(Mem 1): 1-82	† <i>Azymella cannabinata</i>	microproblematica: giliannelles	FRANCE: Aquitaine Region* (Landes Department)
Odin, Gilles Serge (2008) Description et illustration de quarante-quatre giliannelles (microproblematica) et de dix autres microproblematica du Crétacé de la coupe stratotypique de Tercis (limite Campanien-Maastrichtien), Sud-Ouest France. Carnets de Géologie / Notebooks on Geology 2008(Mem 1): 1-82	† <i>Azymella offa</i>	microproblematica: giliannelles	FRANCE: Aquitaine Region* (Landes Department)

Odin, Gilles Serge (2008) Description et illustration de quarante-quatre gilianelles (microproblematica) et de dix autres microproblematica du Crétacé de la coupe stratotypique de Tercis (limite Campanien-Maastrichtien), Sud-Ouest France. Carnets de Géologie / Notebooks on Geology 2008(Mem 1): 1-82	† <i>Caccabella spinocincta</i>	microproblematica: gilianelles	FRANCE: Aquitaine Region* (Landes Department)
Odin, Gilles Serge (2008) Description et illustration de quarante-quatre gilianelles (microproblematica) et de dix autres microproblematica du Crétacé de la coupe stratotypique de Tercis (limite Campanien-Maastrichtien), Sud-Ouest France. Carnets de Géologie / Notebooks on Geology 2008(Mem 1): 1-82	† <i>Cimicellus clavellus</i>	"Microproblematica"	FRANCE: Aquitaine Region* (Landes Department)
Odin, Gilles Serge (2008) Description et illustration de quarante-quatre gilianelles (microproblematica) et de dix autres microproblematica du Crétacé de la coupe stratotypique de Tercis (limite Campanien-Maastrichtien), Sud-Ouest France. Carnets de Géologie / Notebooks on Geology 2008(Mem 1): 1-82	† <i>Cimicellus nudatus</i>	"Microproblematica"	FRANCE: Aquitaine Region* (Landes Department)
Odin, Gilles Serge (2008) Description et illustration de quarante-quatre gilianelles (microproblematica) et de dix autres microproblematica du Crétacé de la coupe stratotypique de Tercis (limite Campanien-Maastrichtien), Sud-Ouest France. Carnets de Géologie / Notebooks on Geology 2008(Mem 1): 1-82	† <i>Coraliella brachialis</i>	microproblematica: gilianelles	FRANCE: Aquitaine Region* (Landes Department)
Odin, Gilles Serge (2008) Description et illustration de quarante-quatre gilianelles (microproblematica) et de dix autres microproblematica du Crétacé de la coupe stratotypique de Tercis (limite Campanien-Maastrichtien), Sud-Ouest France. Carnets de Géologie / Notebooks on Geology 2008(Mem 1): 1-82	† <i>Coraliella cantharella</i>	microproblematica: gilianelles	FRANCE: Aquitaine Region* (Landes Department)
Odin, Gilles Serge (2008) Description et illustration de quarante-quatre gilianelles (microproblematica) et de dix autres microproblematica du Crétacé de la coupe stratotypique de Tercis (limite Campanien-Maastrichtien), Sud-Ouest France. Carnets de Géologie / Notebooks on Geology 2008(Mem 1): 1-82	† <i>Coraliella simplex</i>	microproblematica: gilianelles	FRANCE: Aquitaine Region* (Landes Department)
Odin, Gilles Serge (2008) Description et illustration de quarante-quatre gilianelles (microproblematica) et de dix autres microproblematica du Crétacé de la coupe stratotypique de Tercis (limite Campanien-Maastrichtien), Sud-Ouest France. Carnets de Géologie / Notebooks on Geology 2008(Mem 1): 1-82	† <i>Corbella vitilis</i>	microproblematica: gilianelles	FRANCE: Aquitaine Region* (Landes Department)
Odin, Gilles Serge (2008) Description et illustration de quarante-quatre gilianelles (microproblematica) et de dix autres microproblematica du Crétacé de la coupe stratotypique de Tercis (limite Campanien-Maastrichtien), Sud-Ouest France. Carnets de Géologie / Notebooks on Geology 2008(Mem 1): 1-82	† <i>Corniculum clausum</i>	microproblematica: gilianelles	FRANCE: Aquitaine Region* (Landes Department)
Odin, Gilles Serge (2008) Description et illustration de quarante-quatre gilianelles (microproblematica) et de dix autres microproblematica du Crétacé de la coupe stratotypique de Tercis (limite Campanien-Maastrichtien), Sud-Ouest France. Carnets de Géologie / Notebooks on Geology 2008(Mem 1): 1-82	† <i>Corniculum sinuosum</i>	microproblematica: gilianelles	FRANCE: Aquitaine Region* (Landes Department)
Odin, Gilles Serge (2008) Description et illustration de quarante-quatre gilianelles (microproblematica) et de dix autres microproblematica du Crétacé de la coupe stratotypique de Tercis (limite Campanien-Maastrichtien), Sud-Ouest France. Carnets de Géologie / Notebooks on Geology 2008(Mem 1): 1-82	† <i>Gilianella major</i>	microproblematica: gilianelles	FRANCE: Aquitaine Region* (Landes Department)

Odin, Gilles Serge (2008) Description et illustration de quarante-quatre gilianelles (microproblematica) et de dix autres microproblematica du Crétacé de la coupe stratotypique de Tercis (limite Campanien-Maastrichtien), Sud-Ouest France. Carnets de Géologie / Notebooks on Geology 2008(Mem 1): 1-82	† <i>Gilianella tenuibrachialis</i>	microproblematica: gilianelles	FRANCE: Aquitaine Region* (Landes Department)
Odin, Gilles Serge (2008) Description et illustration de quarante-quatre gilianelles (microproblematica) et de dix autres microproblematica du Crétacé de la coupe stratotypique de Tercis (limite Campanien-Maastrichtien), Sud-Ouest France. Carnets de Géologie / Notebooks on Geology 2008(Mem 1): 1-82	† <i>Gilianella terbrachialis</i>	microproblematica: gilianelles	FRANCE: Aquitaine Region* (Landes Department)
Odin, Gilles Serge (2008) Description et illustration de quarante-quatre gilianelles (microproblematica) et de dix autres microproblematica du Crétacé de la coupe stratotypique de Tercis (limite Campanien-Maastrichtien), Sud-Ouest France. Carnets de Géologie / Notebooks on Geology 2008(Mem 1): 1-82	† <i>Globulella opprimata</i>	"Microproblematica"	FRANCE: Aquitaine Region* (Landes Department)
Odin, Gilles Serge (2008) Description et illustration de quarante-quatre gilianelles (microproblematica) et de dix autres microproblematica du Crétacé de la coupe stratotypique de Tercis (limite Campanien-Maastrichtien), Sud-Ouest France. Carnets de Géologie / Notebooks on Geology 2008(Mem 1): 1-82	† <i>Lucernellus aubouini</i>	"Microproblematica"	FRANCE: Aquitaine Region* (Landes Department)
Odin, Gilles Serge (2008) Description et illustration de quarante-quatre gilianelles (microproblematica) et de dix autres microproblematica du Crétacé de la coupe stratotypique de Tercis (limite Campanien-Maastrichtien), Sud-Ouest France. Carnets de Géologie / Notebooks on Geology 2008(Mem 1): 1-82	† <i>Numismella tarbellica</i>	microproblematica: gilianelles	FRANCE: Aquitaine Region* (Landes Department, Dax "près", Tercis commune)
Odin, Gilles Serge (2008) Description et illustration de quarante-quatre gilianelles (microproblematica) et de dix autres microproblematica du Crétacé de la coupe stratotypique de Tercis (limite Campanien-Maastrichtien), Sud-Ouest France. Carnets de Géologie / Notebooks on Geology 2008(Mem 1): 1-82	† <i>Obbella alatopedata</i>	microproblematica: gilianelles	FRANCE: Aquitaine Region* (Landes Department)
Odin, Gilles Serge (2008) Description et illustration de quarante-quatre gilianelles (microproblematica) et de dix autres microproblematica du Crétacé de la coupe stratotypique de Tercis (limite Campanien-Maastrichtien), Sud-Ouest France. Carnets de Géologie / Notebooks on Geology 2008(Mem 1): 1-82	† <i>Obbella caryophyllum</i>	microproblematica: gilianelles	FRANCE: Aquitaine Region* (Landes Department)
Odin, Gilles Serge (2008) Description et illustration de quarante-quatre gilianelles (microproblematica) et de dix autres microproblematica du Crétacé de la coupe stratotypique de Tercis (limite Campanien-Maastrichtien), Sud-Ouest France. Carnets de Géologie / Notebooks on Geology 2008(Mem 1): 1-82	† <i>Orculiella niduseumenei</i>	microproblematica: gilianelles	FRANCE: Aquitaine Region* (Landes Department)
Odin, Gilles Serge (2008) Description et illustration de quarante-quatre gilianelles (microproblematica) et de dix autres microproblematica du Crétacé de la coupe stratotypique de Tercis (limite Campanien-Maastrichtien), Sud-Ouest France. Carnets de Géologie / Notebooks on Geology 2008(Mem 1): 1-82	† <i>Pennigerella castulata</i>	microproblematica: gilianelles	FRANCE: Aquitaine Region* (Landes Department)
Odin, Gilles Serge (2008) Description et illustration de quarante-quatre gilianelles (microproblematica) et de dix autres microproblematica du Crétacé de la coupe stratotypique de Tercis (limite Campanien-Maastrichtien), Sud-Ouest France. Carnets de Géologie / Notebooks on Geology 2008(Mem 1): 1-82	† <i>Pennigerella palmata</i>	microproblematica: gilianelles	FRANCE: Aquitaine Region* (Landes Department)

Odin, Gilles Serge (2008) Description et illustration de quarante-quatre giliannelles (microproblematica) et de dix autres microproblematica du Crétacé de la coupe stratotypique de Tercis (limite Campanien-Maastrichtien), Sud-Ouest France. Carnets de Géologie / Notebooks on Geology 2008(Mem 1): 1-82	† <i>Pilella reticulata</i>	"Microproblematica"	FRANCE: Aquitaine Region* (Landes Department)
Odin, Gilles Serge (2008) Description et illustration de quarante-quatre giliannelles (microproblematica) et de dix autres microproblematica du Crétacé de la coupe stratotypique de Tercis (limite Campanien-Maastrichtien), Sud-Ouest France. Carnets de Géologie / Notebooks on Geology 2008(Mem 1): 1-82	† <i>Piperella camelopardalis</i>	"Microproblematica"	FRANCE: Aquitaine Region* (Landes Department)
Odin, Gilles Serge (2008) Description et illustration de quarante-quatre giliannelles (microproblematica) et de dix autres microproblematica du Crétacé de la coupe stratotypique de Tercis (limite Campanien-Maastrichtien), Sud-Ouest France. Carnets de Géologie / Notebooks on Geology 2008(Mem 1): 1-82	† <i>Piperella dercourtii</i>	"Microproblematica"	FRANCE: Aquitaine Region* (Landes Department)
Odin, Gilles Serge (2008) Description et illustration de quarante-quatre giliannelles (microproblematica) et de dix autres microproblematica du Crétacé de la coupe stratotypique de Tercis (limite Campanien-Maastrichtien), Sud-Ouest France. Carnets de Géologie / Notebooks on Geology 2008(Mem 1): 1-82	† <i>Pocillella cochleare</i>	microproblematica: giliannelles	FRANCE: Aquitaine Region* (Landes Department)
Odin, Gilles Serge (2008) Description et illustration de quarante-quatre giliannelles (microproblematica) et de dix autres microproblematica du Crétacé de la coupe stratotypique de Tercis (limite Campanien-Maastrichtien), Sud-Ouest France. Carnets de Géologie / Notebooks on Geology 2008(Mem 1): 1-82	† <i>Pocillella cylindrata</i>	microproblematica: giliannelles	FRANCE: Aquitaine Region* (Landes Department)
Odin, Gilles Serge (2008) Description et illustration de quarante-quatre giliannelles (microproblematica) et de dix autres microproblematica du Crétacé de la coupe stratotypique de Tercis (limite Campanien-Maastrichtien), Sud-Ouest France. Carnets de Géologie / Notebooks on Geology 2008(Mem 1): 1-82	† <i>Pocillella grandicula</i>	microproblematica: giliannelles	FRANCE: Aquitaine Region* (Landes Department)
Odin, Gilles Serge (2008) Description et illustration de quarante-quatre giliannelles (microproblematica) et de dix autres microproblematica du Crétacé de la coupe stratotypique de Tercis (limite Campanien-Maastrichtien), Sud-Ouest France. Carnets de Géologie / Notebooks on Geology 2008(Mem 1): 1-82	† <i>Pocillella minuta</i>	microproblematica: giliannelles	FRANCE: Aquitaine Region* (Landes Department)
Odin, Gilles Serge (2008) Description et illustration de quarante-quatre giliannelles (microproblematica) et de dix autres microproblematica du Crétacé de la coupe stratotypique de Tercis (limite Campanien-Maastrichtien), Sud-Ouest France. Carnets de Géologie / Notebooks on Geology 2008(Mem 1): 1-82	† <i>Scutellella circularis</i>	microproblematica: giliannelles	FRANCE: Aquitaine Region* (Landes Department)
Odin, Gilles Serge (2008) Description et illustration de quarante-quatre giliannelles (microproblematica) et de dix autres microproblematica du Crétacé de la coupe stratotypique de Tercis (limite Campanien-Maastrichtien), Sud-Ouest France. Carnets de Géologie / Notebooks on Geology 2008(Mem 1): 1-82	† <i>Scutellella crassa</i>	microproblematica: giliannelles	FRANCE: Aquitaine Region* (Landes Department)
Odin, Gilles Serge (2008) Description et illustration de quarante-quatre giliannelles (microproblematica) et de dix autres microproblematica du Crétacé de la coupe stratotypique de Tercis (limite Campanien-Maastrichtien), Sud-Ouest France. Carnets de Géologie / Notebooks on Geology 2008(Mem 1): 1-82	† <i>Scutellella longivelifera</i>	microproblematica: giliannelles	FRANCE: Aquitaine Region* (Landes Department)

Odin, Gilles Serge (2008) Description et illustration de quarante-quatre gilianelles (microproblematica) et de dix autres microproblematica du Crétacé de la coupe stratotypique de Tercis (limite Campanien-Maastrichtien), Sud-Ouest France. Carnets de Géologie / Notebooks on Geology 2008(Mem 1): 1-82	† <i>Scutellella pulchrevelifera</i>	microproblematica: gilianelles	FRANCE: Aquitaine Region* (Landes Department)
Odin, Gilles Serge (2008) Description et illustration de quarante-quatre gilianelles (microproblematica) et de dix autres microproblematica du Crétacé de la coupe stratotypique de Tercis (limite Campanien-Maastrichtien), Sud-Ouest France. Carnets de Géologie / Notebooks on Geology 2008(Mem 1): 1-82	† <i>Tercensella alveare</i>	microproblematica: gilianelles	FRANCE: Aquitaine Region* (Landes Department)
Odin, Gilles Serge (2008) Description et illustration de quarante-quatre gilianelles (microproblematica) et de dix autres microproblematica du Crétacé de la coupe stratotypique de Tercis (limite Campanien-Maastrichtien), Sud-Ouest France. Carnets de Géologie / Notebooks on Geology 2008(Mem 1): 1-82	† <i>Tercensella doliolum</i>	microproblematica: gilianelles	FRANCE: Aquitaine Region* (Landes Department)
Odin, Gilles Serge (2008) Description et illustration de quarante-quatre gilianelles (microproblematica) et de dix autres microproblematica du Crétacé de la coupe stratotypique de Tercis (limite Campanien-Maastrichtien), Sud-Ouest France. Carnets de Géologie / Notebooks on Geology 2008(Mem 1): 1-82	† <i>Tercensella globosa</i>	microproblematica: gilianelles	FRANCE: Aquitaine Region* (Landes Department)
Odin, Gilles Serge (2008) Description et illustration de quarante-quatre gilianelles (microproblematica) et de dix autres microproblematica du Crétacé de la coupe stratotypique de Tercis (limite Campanien-Maastrichtien), Sud-Ouest France. Carnets de Géologie / Notebooks on Geology 2008(Mem 1): 1-82	† <i>Tubella hunzikeri</i>	"Microproblematica"	FRANCE: Aquitaine Region* (Landes Department)
Odin, Gilles Serge (2008) Description et illustration de quarante-quatre gilianelles (microproblematica) et de dix autres microproblematica du Crétacé de la coupe stratotypique de Tercis (limite Campanien-Maastrichtien), Sud-Ouest France. Carnets de Géologie / Notebooks on Geology 2008(Mem 1): 1-82	† <i>Vasculum laevis</i>	"Microproblematica"	FRANCE: Aquitaine Region* (Landes Department)
Okan, Yavuz; Hoşgör, İzzet (2008) The ampullinid gastropod <i>Globularia</i> (Swainson 1840) from the Late Thanetian-Early Ilerdian Kırkkavak Formation (Polatlı-Ankara) of the Tethyan Realm. Turkish Journal of Earth Sciences 17(4): 785-801	† <i>Globularia sireli</i>	Mollusca: Gastropoda: Architaenioglossa: Ampullinidae	TURKEY: Ankara*
Okuyucu, Cengiz (2008) Biostratigraphy and systematics of late Asselian-early Sakmarian (Early Permian) fusulinids (Foraminifera) from southern Turkey. Geological Magazine 145(3): 413-434	† <i>Pseudochusenella anatoliana</i>	Foraminifera: Schwagerinida: Pseudofusulinidae	TURKEY: Kayseri*
Okuyucu, Cengiz (2008) Biostratigraphy and systematics of late Asselian-early Sakmarian (Early Permian) fusulinids (Foraminifera) from southern Turkey. Geological Magazine 145(3): 413-434	† <i>Pseudofusulinoides altineri</i>	Foraminifera: Schwagerinida: Pseudofusulinidae	TURKEY: Kayseri*
Okuyucu, Cengiz (2008) Biostratigraphy and systematics of late Asselian-early Sakmarian (Early Permian) fusulinids (Foraminifera) from southern Turkey. Geological Magazine 145(3): 413-434	† <i>Pseudofusulinoides convexus</i>	Foraminifera: Schwagerinida: Pseudofusulinidae	TURKEY: Kayseri*
Okuyucu, Cengiz (2008) Biostratigraphy and systematics of late Asselian-early Sakmarian (Early Permian) fusulinids (Foraminifera) from southern Turkey. Geological Magazine 145(3): 413-434	† <i>Pseudofusulinoides subglobosus</i>	Foraminifera: Schwagerinida: Pseudofusulinidae	TURKEY: Mersin*
Okuyucu, Cengiz (2008) Biostratigraphy and systematics of late Asselian-early Sakmarian (Early Permian) fusulinids (Foraminifera) from southern Turkey. Geological Magazine 145(3): 413-434	† <i>Pseudofusulinoides vachardi</i>	Foraminifera: Schwagerinida: Pseudofusulinidae	TURKEY: Mersin*

Olempska, Ewa (2008) Soft body-related features of the carapace and the lifestyle of paleozoic beyrichioidean ostracodes. <i>Journal of Paleontology</i> 82(4): 717-736	† <i>Malnina parva</i>	Crustacea: Ostracoda: Beyrichiidae	CHINA: Guizhou*
Olempska, Ewa (2008) Soft body-related features of the carapace and the lifestyle of paleozoic beyrichioidean ostracodes. <i>Journal of Paleontology</i> 82(4): 717-736	† <i>Shivaella zhangii</i>	Crustacea: Ostracoda: Paraparchitidae	CHINA: Guizhou*
Olson, Storrs L. (2008) A new genus and species of buteonine hawk from Quaternary deposits in Bermuda (Aves: Accipitridae). <i>Proceedings of the Biological Society of Washington</i> 121(1): 130-141	† <i>Bermuteo avivorus</i>	Aves: Accipitridae	BERMUDA
Olson, Storrs L. (2008) A new species of shearwater of the genus <i>Calonectris</i> (Aves: Procellariidae) from a middle Pleistocene deposit on Bermuda. <i>Proceedings of the Biological Society of Washington</i> 121(3): 398-409	† <i>Calonectris wingatei</i>	Aves: Procellariidae	BERMUDA
Orchard, Michael J. (2008) Lower Triassic conodonts from the Canadian Arctic, their intercalibration with ammonoid-based stages and a comparison with other North American Olenekian faunas. <i>Polar Research</i> 27(3):393-412	† <i>Scythogondolella ellesmerensis</i>	Conodonta	CANADA: Nunavut*
Orchard, Michael J. (2008) Lower Triassic conodonts from the Canadian Arctic, their intercalibration with ammonoid-based stages and a comparison with other North American Olenekian faunas. <i>Polar Research</i> 27(3):393-412	† <i>Scythogondolella lachrymiformis</i>	Conodonta	CANADA: Nunavut*
Ortega-Blanco, J.; Rasnitsyn, A.P.; Delclòs, X. (2008) First record of anaxyelid woodwasps (Hymenoptera: Anaxyelidae) in Lower Cretaceous Spanish amber. <i>Zootaxa</i> 1937:39-50	† <i>Eosyntexis parva</i>	Hymenoptera: Anaxyelidae	SPAIN: País Vasco [Basque Country] Autonomous Community* (Álava Province)
Otero, Olga; Likies, Andossa; Vignaud, Patrick; Brunet, Michel (2008) A new <i>Semlikiichthys</i> fish (Teleostei, Perciformes) from the Upper Miocene of Chad: Fossil record and palaeobiogeographical implications. <i>Palaeontology</i> 51(4):917-932	† <i>Semlikiichthys darsao</i>	Teleostei: Perciformes: fam. indet.	CHAD: (Toros-Menalla, western Djurab Desert)
Ovnatanova, N.S.; Kononova, L.I. (2008) Frasnian conodonts from the eastern Russian Platform. <i>Paleontological Journal</i> 42(10): 997-1166	† <i>Palmatolepis acutangularis</i> Ovnatanova & Kononova	Agnatha: Conodonta: Ozarkodinida: Polygnathida: Palmatolepidae	RUSSIA: Orenburg*
Ovnatanova, N.S.; Kononova, L.I. (2008) Frasnian conodonts from the eastern Russian Platform. <i>Paleontological Journal</i> 42(10): 997-1166	† <i>Palmatolepis kaledai</i> Ovnatanova & Kononova	Agnatha: Conodonta: Ozarkodinida: Polygnathida: Palmatolepidae	RUSSIA: Orenburg*
Ovnatanova, N.S.; Kononova, L.I. (2008) Frasnian conodonts from the eastern Russian Platform. <i>Paleontological Journal</i> 42(10): 997-1166	† <i>Palmatolepis menneri</i> Ovnatanova & Kononova	Agnatha: Conodonta: Ozarkodinida: Polygnathida: Palmatolepidae	RUSSIA: (Volga-Ural Province, Prikazanskaya)
Ovnatanova, N.S.; Kononova, L.I. (2008) Frasnian conodonts from the eastern Russian Platform. <i>Paleontological Journal</i> 42(10): 997-1166	† <i>Palmatolepis menneri</i> Ovnatanova & Kononova	Agnatha: Conodonta: Ozarkodinida: Polygnathida: Palmatolepidae	RUSSIA: Orenburg*

Ovnatanova, N.S.; Kononova, L.I. (2008) Frasnian conodonts from the eastern Russian Platform. <i>Paleontological Journal</i> 42(10): 997-1166	† <i>Palmatolepis menneri</i> Ovnatanova & Kononova	Agnatha: Conodonta: Ozarkodinida: Polygnathida: Palmatolepidae	RUSSIA: Tartarstan Republic*
Ovnatanova, N.S.; Kononova, L.I. (2008) Frasnian conodonts from the eastern Russian Platform. <i>Paleontological Journal</i> 42(10): 997-1166	† <i>Polygnathus reitlingerae</i> Ovnatanova & Kononova	Agnatha: Conodonta: Ozarkodinida: Polygnathida: Polygnathidae	RUSSIA: Orenburg*
Ozawa, Hirokazu; Ishii, Tohru (2008) Taxonomy and sexual dimorphism of a new species of <i>Loxoconcha</i> (Podocopida: Ostracoda) from the Pleistocene of the Japan Sea. <i>Zoological Journal of the Linnean Society</i> 153(2):239-251	† <i>Loxoconcha kamiyai</i>	Mollusca: Ostracoda: Loxoconchidae	JAPAN: Toyama Prefecture*
Ozawa, Hirokazu; Kamiya, Takahiro (2008) Taxonomy and palaeobiogeographical significance of four new species of <i>Semicytherura</i> (Ostracoda, Crustacea) from the early Pleistocene Omma Formation of the Japan Sea coast. <i>Journal of Micropalaeontology</i> 27(2): 135-146	† <i>Semicytherura leptosubundata</i>	Crustacea: Ostracoda: Cytheruridae	JAPAN: Toyama Prefecture*
Ozawa, Hirokazu; Kamiya, Takahiro (2008) Taxonomy and palaeobiogeographical significance of four new species of <i>Semicytherura</i> (Ostracoda, Crustacea) from the early Pleistocene Omma Formation of the Japan Sea coast. <i>Journal of Micropalaeontology</i> 27(2): 135-146	† <i>Semicytherura robustundata</i>	Crustacea: Ostracoda: Cytheruridae	JAPAN: Toyama Prefecture*
Ozawa, Hirokazu; Kamiya, Takahiro (2008) Taxonomy and palaeobiogeographical significance of four new species of <i>Semicytherura</i> (Ostracoda, Crustacea) from the early Pleistocene Omma Formation of the Japan Sea coast. <i>Journal of Micropalaeontology</i> 27(2): 135-146	† <i>Semicytherura subslipperi</i>	Crustacea: Ostracoda: Cytheruridae	JAPAN: Toyama Prefecture*
Ozawa, Hirokazu; Kamiya, Takahiro (2008) Taxonomy and palaeobiogeographical significance of four new species of <i>Semicytherura</i> (Ostracoda, Crustacea) from the early Pleistocene Omma Formation of the Japan Sea coast. <i>Journal of Micropalaeontology</i> 27(2): 135-146	† <i>Semicytherura tanimurai</i>	Crustacea: Ostracoda: Cytheruridae	JAPAN: Toyama Prefecture*
Ozawa, Hirokazu; Nagamori, Hideaki; Tanabe, Tomotaka (2008) Pliocene ostracods (Crustacea) from the Togakushi area, central Japan: Palaeobiogeography of trans-Arctic taxa and Japan Sea endemic species. <i>Journal of Micropalaeontology</i> 27(2): 161-175	† <i>Aurila shigaramiensis</i>	Crustacea: Ostracoda: Cytheroidea: Hemicytheridae	JAPAN: Nagano Prefecture*
Ozawa, Hirokazu; Nagamori, Hideaki; Tanabe, Tomotaka (2008) Pliocene ostracods (Crustacea) from the Togakushi area, central Japan: Palaeobiogeography of trans-Arctic taxa and Japan Sea endemic species. <i>Journal of Micropalaeontology</i> 27(2): 161-175	† <i>Aurila togakushiensis</i>	Crustacea: Ostracoda: Cytheroidea: Hemicytheridae	JAPAN: Nagano Prefecture*
Pacaud, Jean-Michel (2008) <i>Terebellomimus quaggiottoi</i> n. gen., n. sp. (Mollusca, Gastropoda, Littorinimorpha, Rostellariidae) du Lutétien inférieur (Éocène moyen) du Vicentin (Italie). <i>Geodiversitas</i> 30(4): 721-729	† <i>Terebellomimus quaggiottoi</i>	Mollusca: Gastropoda: Littorinimorpha: Rostellariidae	ITALY: Veneto* (Vicenza)
Pan, Hua-Zhang; Shen, Shu-Zhong (2008) Late Permian (Lopingian) gastropods from the Qubuerga Formation at the Qubu Section in the Mt. Everest (Qomolangma) region, southern Tibet (Xizang), China. <i>Journal of Paleontology</i> 82(5): 1038-1042	† <i>Callistadia qubuergaensis</i>	Mollusca: Gastropoda: Raphistomatidae	TIBET: Shigatse*

Pan, Hua-Zhang; Shen, Shu-Zhong (2008) Late Permian (Lopingian) gastropods from the Qubuerga Formation at the Qubu Section in the Mt. Everest (Qomolangma) region, southern Tibet (Xizang), China. <i>Journal of Paleontology</i> 82(5): 1038-1042	† <i>Glabrocingulum (Glabrocingulum) tingriensis</i>	Mollusca: Gastropoda: Eotomariidae	TIBET: Shigatse*
Pardiñas, Ulyses F.J. (2008) A new genus of oryzomyine rodent (Cricetidae: Sigmodontinae) from the Pleistocene of Argentina. <i>Journal of Mammalogy</i> 89(5): 1270-1278	†+B4851	Mammalia: Rodentia: Cricetidae	ARGENTINA: Buenos Aires*
Parent, Horacio; Schweigert, Günter; Scherzinger, Armin; Enay, Raymond (2008) <i>Pasottia</i> , a new genus of Tithonian oppeliid ammonites (Late Jurassic, Ammonoidea: Haploceratoidea). <i>Boletín del Instituto de Fisiografía y Geología</i> 78(1-2): 23-30	† <i>Pasottia andina</i>	Ammonoidea: Haploceratoidea: Oppeliidae	ARGENTINA: Mendoza Province*
Parent, Horacio; Schweigert, Günter; Scherzinger, Armin; Enay, Raymond (2008) <i>Pasottia</i> , a new genus of Tithonian oppeliid ammonites (Late Jurassic, Ammonoidea: Haploceratoidea). <i>Boletín del Instituto de Fisiografía y Geología</i> 78(1-2): 23-30	† <i>Pasottia andina</i>	Ammonoidea: Haploceratoidea: Oppeliidae	ARGENTINA: Neuquén Province*
Park, Tae-Yoon; Han, Zuozhen; Bai, Zhiqiang; Choi, Duck K. (2008) Two middle Cambrian trilobite genera, <i>Cyclolorenzella</i> Kobayashi, 1960 and <i>Jiulongshania</i> gen. nov. from Korea and China. <i>Alcheringa</i> 32(3): 247-269	† <i>Jiulongshania longa</i>	Arthropoda: Trilobita: Inouyiidae	CHINA: Shandong*
Parker, William G.; Stocker, Michelle R.; Irmis, Randall B. (2008) A new desmotosuchine aetosaur (Archosauria: Suchia) from the Upper Triassic Tecovas Formation (Dockum Group) of Texas. <i>Journal of Vertebrate Paleontology</i> 28(3): 692-701	† <i>Sierritasuchus macalpini</i>	Reptilia: Diapsida: Archosauria: Suchia: Stagonolepididae	USA: Texas: Potter County*
Paul, Gregory S. (2008) A revised taxonomy of the iguanodont dinosaur genera and species. <i>Cretaceous Research</i> 29(2): 192-216	† <i>Dollodon bampingi</i>	Ornithopoda: Iguanodontia: Iguanodontidae: fam. indet.	BELGIUM: Hainaut*
Paull, Rosemary; Hill, Robert S. (2008) Oligocene <i>Austrocedrus</i> from Tasmania (Australia): Comparisons with <i>Austrocedrus chilensis</i> . <i>International Journal of Plant Sciences</i> 169(2): 315-330	† <i>Austrocedrus australis</i>	Coniferales: Cupressaceae	AUSTRALIA: Tasmania*
Pavia, Marco (2008) The evolution dynamics of the Strigiformes in the Mediterranean islands with the description of <i>Aegolius martae</i> n.sp. (Aves, Strigidae). <i>Quaternary International</i> 182(1): 80-89	† <i>Aegolius martae</i>	Aves: Strigiformes: Strigidae	ITALY: Sicily*
Pedriali, Luca; Robba, Elio (2008) A revision of the Pliocene naticids of Northern and Central Italy. II. The subfamily Naticinae: Additions to <i>Cochlis</i> , <i>Tanea</i> and <i>Tectonatica</i> . <i>Rivista Italiana di Paleontologia e Stratigrafia</i> 114(1): 77-117	† <i>Cochlia fredianii</i>	Mollusca: Gastropoda: Naticidae	ITALY: Tuscany Region* (Pisa Province)
Peigné, Stéphane; de Bonis, Louis; Likius, Andossa; MacKaye, Hassane Taïssou; Vignaud, Patrick; Brunet, Michel (2008) Late Miocene Carnivora from Chad: Lutrinae (Mustelidae). <i>Zoological Journal of the Linnean Society</i> 152(4):793-846	† <i>Djourabus dabba</i>	Mammalia: Carnivora: Caniformia: Mustelidae	CHAD ("Toros-Menalla")
Peigné, Stéphane; de Bonis, Louis; Likius, Andossa; MacKaye, Hassane Taïssou; Vignaud, Patrick; Brunet, Michel (2008) Late Miocene Carnivora from Chad: Lutrinae (Mustelidae). <i>Zoological Journal of the Linnean Society</i> 152(4):793-846	† <i>Sivaonyx beyi</i>	Mammalia: Carnivora: Caniformia: Mustelidae	CHAD ("Toros-Menalla")

Peigné, Stéphane; Salesa, Manuel J.; Antón, Mauricio; Morales, Jorge (2008) A new amphicyonine (Carnivora: Amphicyonidae) from the Upper Miocene of Batallones-1, Madrid, Spain. <i>Palaeontology</i> 51(4):943-965	† <i>Magericyon anceps</i>	Mammalia: Carnivora: Caniformia: Amphicyonidae	SPAIN: Madrid Province*
Peñalver, Enrique; Węgierek, Piotr (2008) A new genus and species of the family Tajmyraphididae (Hemiptera: Sternorrhyncha) in Early Cretaceous amber from Peñacerrada I (Spain). <i>Alavesia</i> 2: 187-192	† <i>Alavesiaphis margaritae</i>	Hemiptera: Tajmyraphididae	SPAIN: Burgos Province*
Peng, Shanchi; Yang, Xianfeng; Hughes, Nigel C. (2008) The oldest known stalk-eyed trilobite, <i>Parablackwelderia</i> Kobayashi, 1942 (Damesellinae, Cambrian), and its occurrence in Shandong, China. <i>Journal of Paleontology</i> 82(4): 842-850	† <i>Parablackwelderia luensis</i>	Arthropoda: Trilobita: Damesellidae	CHINA: Jilin*
Peng, Shanchi; Yang, Xianfeng; Hughes, Nigel C. (2008) The oldest known stalk-eyed trilobite, <i>Parablackwelderia</i> Kobayashi, 1942 (Damesellinae, Cambrian), and its occurrence in Shandong, China. <i>Journal of Paleontology</i> 82(4): 842-850	† <i>Parablackwelderia luensis</i>	Arthropoda: Trilobita: Damesellidae	CHINA: Shandong*
Peng, Yuanqiao; Shi, G.R. (2008) New Early Triassic Lingulidae (Brachiopoda) genera and species from South China. <i>Alcheringa</i> 32(2): 149-170	† <i>Sinoglottidia archboldi</i>	Brachiopoda: Lingulidae	CHINA: Guizhou*
Peng, Yuanqiao; Shi, G.R. (2008) New Early Triassic Lingulidae (Brachiopoda) genera and species from South China. <i>Alcheringa</i> 32(2): 149-170	† <i>Sinoglottidia archboldi</i>	Brachiopoda: Lingulidae	CHINA: Jiangsu*
Peng, Yuanqiao; Shi, G.R. (2008) New Early Triassic Lingulidae (Brachiopoda) genera and species from South China. <i>Alcheringa</i> 32(2): 149-170	† <i>Sinoglottidia archboldi</i>	Brachiopoda: Lingulidae	CHINA: Yunnan*
Peng, Yuanqiao; Shi, G.R. (2008) New Early Triassic Lingulidae (Brachiopoda) genera and species from South China. <i>Alcheringa</i> 32(2): 149-170	† <i>Sinolingularia huananensis</i>	Brachiopoda: Lingulidae	CHINA: Jiangsu*
Peng, Yuanqiao; Shi, G.R. (2008) New Early Triassic Lingulidae (Brachiopoda) genera and species from South China. <i>Alcheringa</i> 32(2): 149-170	† <i>Sinolingularia huananensis</i>	Brachiopoda: Lingulidae	CHINA: Yunnan*
Peng, Yuanqiao; Shi, G.R. (2008) New Early Triassic Lingulidae (Brachiopoda) genera and species from South China. <i>Alcheringa</i> 32(2): 149-170	† <i>Sinolingularia huananensis</i>	Brachiopoda: Lingulidae	CHINA: Zhejiang*
Peng, Yuanqiao; Shi, G.R. (2008) New Early Triassic Lingulidae (Brachiopoda) genera and species from South China. <i>Alcheringa</i> 32(2): 149-170	† <i>Sinolingularia huananensis</i>	Brachiopoda: Lingulidae	RUSSIA: NA* ("Siberia")
Peng, Yuanqiao; Shi, G.R. (2008) New Early Triassic Lingulidae (Brachiopoda) genera and species from South China. <i>Alcheringa</i> 32(2): 149-170	† <i>Sinolingularia huananensis</i>	Brachiopoda: Lingulidae	SCOTLAND: South Lanarkshire*
Peng, Yuanqiao; Shi, G.R. (2008) New Early Triassic Lingulidae (Brachiopoda) genera and species from South China. <i>Alcheringa</i> 32(2): 149-170	† <i>Sinolingularia yini</i>	Brachiopoda: Lingulidae	CHINA: Guizhou*
Peng, Yuanqiao; Shi, G.R. (2008) New Early Triassic Lingulidae (Brachiopoda) genera and species from South China. <i>Alcheringa</i> 32(2): 149-170	† <i>Sinolingularia yini</i>	Brachiopoda: Lingulidae	CHINA: Jiangsu*
Peng, Yuanqiao; Shi, G.R. (2008) New Early Triassic Lingulidae (Brachiopoda) genera and species from South China. <i>Alcheringa</i> 32(2): 149-170	† <i>Sinolingularia yini</i>	Brachiopoda: Lingulidae	CHINA: Yunnan*
Peng, Yuanqiao; Shi, G.R. (2008) New Early Triassic Lingulidae (Brachiopoda) genera and species from South China. <i>Alcheringa</i> 32(2): 149-170	† <i>Sinolingularia yini</i>	Brachiopoda: Lingulidae	CHINA: Zhejiang*
Pereira, Agostinha Araujo; Medeiros, Manuel Alfredo (2008) A new sclerorhynchiform (Elasmobranchii) from the Middle Cretaceous of Brazil. <i>Revista Brasileira de Paleontologia</i> 11(3): 207-212	† <i>Atlanticoprists equatorialis</i>	Elasmobranchii: Rajiformes: Pristiorajae: Sclerorhynchidae	BRAZIL: Maranhão State*

Perejón, Antonio; Moreno-Eiris, Elena; Menéndez, Silvia (2008) Los arqueociatos del Cámbrico Inferior de Navalcastaño (Sierra Morena, Córdoba, España): Sistemática y bioestratigrafía. Boletín de la Real Sociedad Española de Historia Natural, Sección Geológica 102(1-4): 93-119	† <i>Nochoroicyathus castanensis</i>	Porifera: Archaeocyatha: Ajacicyathina: Ajacicyathidae	SPAIN: Andalusia Autonomous Community* (Córdoba Province)
Pérez Loinaze, Valeria (2008) Systematic palynological study of the Cortaderas Formation, (Mississippian) Río Blanco Basin, Argentina. Part one. Ameghiniana 45(1): 33-57	† <i>Anapiculatisporites exiguus</i>	Proximegerminates: Triletes: Azonotriletes	ARGENTINA: San Juan*
Pérez Loinaze, Valeria (2008) Systematic palynological study of the Cortaderas Formation, (Mississippian) Río Blanco Basin, Argentina. Part one. Ameghiniana 45(1): 33-57	† <i>Anapiculatisporites expolitus</i>	Proximegerminates: Triletes: Azonotriletes	ARGENTINA: San Juan*
Pérez Loinaze, Valeria (2008) Systematic palynological study of the Cortaderas Formation, (Mississippian) Río Blanco Basin, Argentina. Part one. Ameghiniana 45(1): 33-57	† <i>Dibolisporites insolitus</i>	Proximegerminates: Triletes: Azonotriletes	ARGENTINA: San Juan*
Pérez Loinaze, Valeria (2008) Systematic palynological study of the Cortaderas Formation, (Mississippian) Río Blanco Basin, Argentina. Part one. Ameghiniana 45(1): 33-57	† <i>Verrucosisporites incompositus</i>	Proximegerminates: Triletes: Azonotriletes	ARGENTINA: San Juan*
Pérez Loinaze, Valeria (2008) Systematic palynological study of the Cortaderas Formation, (Mississippian) Río Blanco Basin, Argentina. Part one. Ameghiniana 45(1): 33-57	† <i>Verrucosisporites perbrevis</i>	Proximegerminates: Triletes: Azonotriletes	ARGENTINA: San Juan*
Pérez Loinaze, Valeria (2008) Systematic palynological study of the Cortaderas Formation, (Mississippian) Río Blanco Basin, Argentina. Part two. Ameghiniana 45(2): 421-441	† <i>Densosporites scalabrinii</i>	: Subturma Zonolaminatritiletes: Infraturma Cingulicavati	ARGENTINA: San Juan Province*
Perkovsky, E.E.; Fedotova, Z.A. (2008) [On the systematics of the gall-midge supertribe Heteropezidi (Diptera, Cecidomyiidae) from the Rovno Amber. New taxa and combinations of the tribes Heteropezini and Miastorini]. Vestnik Zoologii 42(5): 403-425 (in Ukrainian)	† <i>Heteropeza (Heteropezina) marikovskii</i> Fedotova & Perkovsky	Diptera: Cecidomyiidae	UKRAINE ("Rovno amber")
Perkovsky, E.E.; Fedotova, Z.A. (2008) [On the systematics of the gall-midge supertribe Heteropezidi (Diptera, Cecidomyiidae) from the Rovno Amber. New taxa and combinations of the tribes Heteropezini and Miastorini]. Vestnik Zoologii 42(5): 403-425 (in Ukrainian)	† <i>Tutkowskia ukrainica</i> Fedotova & Perkovsky	Diptera: Cecidomyiidae	UKRAINE ("Rovno amber")
Perkovsky, E.E.; Fedotova, Z.A. (2008) [On the systematics of the gall-midge supertribe Heteropezidi (Diptera, Cecidomyiidae) from the Rovno Amber. New taxa and combinations of the tribes Heteropezini and Miastorini]. Vestnik Zoologii 42(5): 403-425 (in Ukrainian)	† <i>Ventosagloria contradictoria</i> Fedotova & Perkovsky	Diptera: Cecidomyiidae	UKRAINE ("Rovno amber")
Perkovsky, E.E.; Fedotova, Z.A. (2008) [On the systematics of the gall-midge supertribe Heteropezidi (Diptera, Cecidomyiidae) from the Rovno Amber. New taxa and combinations of the tribes Heteropezini and Miastorini]. Vestnik Zoologii 42(5): 403-425 (in Ukrainian)	† <i>Ventosagloria fassa</i> Fedotova & Perkovsky	Diptera: Cecidomyiidae	UKRAINE ("Rovno amber")

Perkovsky, E.E.; Fedotova, Z.A. (2008) [On the systematics of the gall-midge supertribe Heteropezidi (Diptera, Cecidomyiidae) from the Rovno Amber. New taxa and combinations of the tribes Heteropezini and Miastorini]. Vestnik Zoologii 42(5): 403-425 (in Ukrainian)	† <i>Ventosagloria gratshevi</i> Fedotova & Perkovsky	Diptera: Cecidomyiidae	UKRAINE ("Rovno amber")
Perkovsky, E.E.; Fedotova, Z.A. (2008) New gall midge taxa of the subfamilies Porricondylinae and Lasiopterinae (Diptera, Cecidomyiidae) from the Rovno amber. Paleontological Journal 42(2): 166-175 [Paleontologicheskii Zhurnal 2008(2): 60-69 (in Russian)]	† <i>Adsumyia integra</i> Fedotova & Perkovsky	Diptera: Cecidomyiidae	UKRAINE: Rivne Oblast*
Perkovsky, E.E.; Fedotova, Z.A. (2008) New gall midge taxa of the subfamilies Porricondylinae and Lasiopterinae (Diptera, Cecidomyiidae) from the Rovno amber. Paleontological Journal 42(2): 166-175 [Paleontologicheskii Zhurnal 2008(2): 60-69 (in Russian)]	† <i>Gratomyia inexigentis</i> Fedotova & Perkovsky	Diptera: Cecidomyiidae	UKRAINE: Rivne Oblast*
Perkovsky, E.E.; Fedotova, Z.A. (2008) New gall midge taxa of the subfamilies Porricondylinae and Lasiopterinae (Diptera, Cecidomyiidae) from the Rovno amber. Paleontological Journal 42(2): 166-175 [Paleontologicheskii Zhurnal 2008(2): 60-69 (in Russian)]	† <i>Kovaleviola injusta</i> Fedotova & Perkovsky	Diptera: Cecidomyiidae	UKRAINE: Rivne Oblast*
Perkovsky, E.E.; Fedotova, Z.A. (2008) New gall midge taxa of the subfamilies Porricondylinae and Lasiopterinae (Diptera, Cecidomyiidae) from the Rovno amber. Paleontological Journal 42(2): 166-175 [Paleontologicheskii Zhurnal 2008(2): 60-69 (in Russian)]	† <i>Spungisiola insuperabilis</i> Fedotova & Perkovsky	Diptera: Cecidomyiidae	UKRAINE: Rivne Oblast*
Perkovsky, E.E.; Fedotova, Z.A. (2008) New gall midge taxa of the subfamilies Porricondylinae and Lasiopterinae (Diptera, Cecidomyiidae) from the Rovno amber. Paleontological Journal 42(2): 166-175 [Paleontologicheskii Zhurnal 2008(2): 60-69 (in Russian)]	† <i>Winnertzia recusata</i> Fedotova & Perkovsky	Diptera: Cecidomyiidae	UKRAINE: Rivne Oblast*
Perrichot, Vincent; Nel, André (2008) A new belytine wasp in Cretaceous amber from France (Hymenoptera: Diapriidae). Alavesia 2: 203-209	† <i>Gaugainia electrogallica</i>	Hymenoptera: Diapriidae	FRANCE: Charente-Maritime Department*
Perrichot, Vincent; Nel, André (2008) Eocene bethylid wasps from French amber (Hymenoptera: Bethyidae). Neues Jahrbuch für Geologie und Paläontologie Abhandlungen 248(1): 91-101	† <i>Elektroepyrus magnificus</i>	Hymenoptera: Bethyidae	FRANCE: Picardie Region* (Oise Department)
Perrichot, Vincent; Nel, André (2008) Eocene bethylid wasps from French amber (Hymenoptera: Bethyidae). Neues Jahrbuch für Geologie und Paläontologie Abhandlungen 248(1): 91-101	† <i>Rhabdepyrus gallicus</i>	Hymenoptera: Bethyidae	FRANCE: Picardie Region* (Oise Department)
Perrichot, Vincent; Nel, André; Néraudeau, Didier; Lacau, Sébastien; Guyot, Thierry (2008) New fossil ants in French Cretaceous amber (Hymenoptera: Formicidae). Naturwissenschaften 95(2): 91-97	† <i>Haidomyrmex mammuthus</i>	Hymenoptera: Formicidae	FRANCE: Poitou-Charentes Region* (Charente-Maritime Department)
Perrichot, Vincent; Nel, André; Néraudeau, Didier; Lacau, Sébastien; Guyot, Thierry (2008) New fossil ants in French Cretaceous amber (Hymenoptera: Formicidae). Naturwissenschaften 95(2): 91-97	† <i>Sphecomyrmodus occidentalis</i>	Hymenoptera: Formicidae	FRANCE: Poitou-Charentes Region* (Charente-Maritime Department)

Perrilliat, María del Carmen; Vega, Francisco J.; Espinosa, Belinda; Naranjo-Garcia, Edna (2008) Late Cretaceous and Paleogene freshwater gastropods from northeastern Mexico. <i>Journal of Paleontology</i> 82(2): 255-266	† <i>Gyraulus zoltani</i>	Mollusca: Gastropoda: Planorbidae	MEXICO: Coahuila*
Perrilliat, María del Carmen; Vega, Francisco J.; Espinosa, Belinda; Naranjo-Garcia, Edna (2008) Late Cretaceous and Paleogene freshwater gastropods from northeastern Mexico. <i>Journal of Paleontology</i> 82(2): 255-266	† <i>Melanoides (Melanoides) wollebeni</i>	Mollusca: Gastropoda: Thiaridae	MEXICO: Coahuila*
Perrilliat, María del Carmen; Vega, Francisco J.; Espinosa, Belinda; Naranjo-Garcia, Edna (2008) Late Cretaceous and Paleogene freshwater gastropods from northeastern Mexico. <i>Journal of Paleontology</i> 82(2): 255-266	† <i>Melanoides (Melanoides) yolandae</i>	Mollusca: Gastropoda: Thiaridae	MEXICO: Coahuila*
Perrilliat, María del Carmen; Vega, Francisco J.; Espinosa, Belinda; Naranjo-Garcia, Edna (2008) Late Cretaceous and Paleogene freshwater gastropods from northeastern Mexico. <i>Journal of Paleontology</i> 82(2): 255-266	† <i>Mesolanistes magnus</i>	Mollusca: Gastropoda: Physidae	MEXICO: Coahuila*
Perrilliat, María del Carmen; Vega, Francisco J.; Espinosa, Belinda; Naranjo-Garcia, Edna (2008) Late Cretaceous and Paleogene freshwater gastropods from northeastern Mexico. <i>Journal of Paleontology</i> 82(2): 255-266	† <i>Mesolanistes murrayi</i>	Mollusca: Gastropoda: Physidae	MEXICO: Coahuila*
Perrilliat, María del Carmen; Vega, Francisco J.; Espinosa, Belinda; Naranjo-Garcia, Edna (2008) Late Cretaceous and Paleogene freshwater gastropods from northeastern Mexico. <i>Journal of Paleontology</i> 82(2): 255-266	† <i>Pachychilus (Pachychiloides) lawtoni</i>	Mollusca: Gastropoda: Thiaridae	MEXICO: Nuevo León*
Perrilliat, María del Carmen; Vega, Francisco J.; Espinosa, Belinda; Naranjo-Garcia, Edna (2008) Late Cretaceous and Paleogene freshwater gastropods from northeastern Mexico. <i>Journal of Paleontology</i> 82(2): 255-266	† <i>Physa cepedaensis</i>	Mollusca: Gastropoda: Physidae	MEXICO: Coahuila*
Perrilliat, María del Carmen; Vega, Francisco J.; Espinosa, Belinda; Naranjo-Garcia, Edna (2008) Late Cretaceous and Paleogene freshwater gastropods from northeastern Mexico. <i>Journal of Paleontology</i> 82(2): 255-266	† <i>Viviparus mcbridei</i>	Mollusca: Gastropoda: Viviparidae	MEXICO: Coahuila*
Pesarini, Carlo; Sabbadini, Andrea (2008) Ricerche sui Dorcadiini di Grecia. III. Le specie di <i>Neodorcadion</i> Ganglbauer, 1884, quelle del gruppo di <i>Dorcadion ljubetense</i> e descrizione della nuova specie <i>Dorcadion ariannae</i> (Coleoptera Cerambycidae). <i>Atti della Società Italiana di Scienze Naturali e del Museo Civico di Storia Naturale in Milano</i> 149(1): 109-124	† <i>Dorcadion (Cribridorcadion) ariannae</i>	Coleoptera: Cerambycidae	GREECE: East Macedonia and Thrace Periphery*
Petrov, A.V.; Perkovsky, E.E. (2008) New species of bark beetles from the Rovno amber (Insecta: Coleoptera: Scolytidae). <i>Paleontological Journal</i> 42(4): 406-408 [Paleontologicheskii Zhurnal 2008(4): 70-73 (in Russian)]	† <i>Taphramites rovnensis</i> Petrov & Perkovsky	Coleoptera: Scolytidae	UKRAINE: Rovnie*
Petrov, A.V.; Perkovsky, E.E. (2008) New species of bark beetles from the Rovno amber (Insecta: Coleoptera: Scolytidae). <i>Paleontological Journal</i> 42(4): 406-408 [Paleontologicheskii Zhurnal 2008(4): 70-73 (in Russian)]	† <i>Xylechinus mozolevskae</i> Petrov & Perkovsky	Coleoptera: Scolytidae	UKRAINE: Rovnie*
Peyer, Karin; Carter, Joseph G.; Sues, Hans-Dieter; Novak, Stephanie E.; Olsen, Paul E. (2008) A new Suchian Archosaur from the Upper Triassic of North Carolina. <i>Journal of Vertebrate Paleontology</i> 28(2): 363-381	† <i>Postosuchus alisonae</i>	Sauropsida: Archosauria: Rauisuchidae	USA: North Carolina: Durham County*
Phillips, George E.; Ciampaglio, Charles N.; Hayes, William E., Jr. (2008) A new species of Faujasiid cassiduloid (Echinoidea: Irregularia) from the Santonian-Campanian boundary (Upper Cretaceous) in the eastern Gulf states. <i>Southeastern Geology</i> 46(1): 43-54	† <i>Hardouinia saucierae</i>	Echinodermata: Echinoidea: Crassiduloida: Faujasiidae	USA: Alabama: Russell County*

Phillips, George E.; Ciampaglio, Charles N.; Hayes, William E., Jr. (2008) A new species of Faujasiid cassiduloid (Echinoidea: Irregularia) from the Santonian-Campanian boundary (Upper Cretaceous) in the eastern Gulf states. <i>Southeastern Geology</i> 46(1): 43-54	† <i>Hardouinia saucierae</i>	Echinodermata: Echinoidea: Crassiduloida: Faujasiidae	USA: Mississippi: Clay County*
Phillips, George E.; Ciampaglio, Charles N.; Hayes, William E., Jr. (2008) A new species of Faujasiid cassiduloid (Echinoidea: Irregularia) from the Santonian-Campanian boundary (Upper Cretaceous) in the eastern Gulf states. <i>Southeastern Geology</i> 46(1): 43-54	† <i>Hardouinia saucierae</i>	Echinodermata: Echinoidea: Crassiduloida: Faujasiidae	USA: Mississippi: Lowndes County*
Phillips, George E.; Ciampaglio, Charles N.; Hayes, William E., Jr. (2008) A new species of Faujasiid cassiduloid (Echinoidea: Irregularia) from the Santonian-Campanian boundary (Upper Cretaceous) in the eastern Gulf states. <i>Southeastern Geology</i> 46(1): 43-54	† <i>Hardouinia saucierae</i>	Echinodermata: Echinoidea: Crassiduloida: Faujasiidae	USA: Mississippi: Monroe County*
Pidal, Raimundo (2008) A Lower Devonian (Emsian) species of the genus <i>Bactrocrinites</i> (Crinoidea): <i>Bactrocrinites robustus</i> n. sp. (Cantabrian Mountains, NW Spain). <i>Revista Española de Paleontología</i> 23(2): 267-271	† <i>Bactrocrinites robustus</i>	Echinodermata: Crinoidea: Bactrocrinitidae	SPAIN: Castilla y León Autonomous Community* (Cantabrian Mountains)
Pieńkowski, Grzegorz; Niedźwiedzki, Grzegorz (2008) Invertebrate trace fossil assemblages from the Lower Hettangian of Sołtyków, Holy Cross Mountains, Poland. <i>Volumina Jurassica</i> 6: 109-131	† <i>Calceoformites uchmani</i> isp.n.	ichnospecies	POLAND: Swietokrzyskie Voivodeship*
Pigg, Kathleen B.; DeVore, Melanie L.; Wojciechowski, Martin F. (2008) <i>Paleosecuridaca curtisii</i> gen. et sp. nov., <i>Securidaca</i> -like Samaras (Polygalaceae) from the Late Paleocene of North Dakota, and their significance to the divergence of families within the Fabales. <i>International Journal of Plant Sciences</i> 169(9): 1304-1313	† <i>Paleosecuridaca curtisii</i> Pigg, DeVore & Wojciechowski	Angiospermae: Fabales: Polygalaceae	USA: North Dakota: MacKenzie County*
Pigg, Kathleen B.; DeVore, Melanie L.; Wojciechowski, Martin F. (2008) <i>Paleosecuridaca curtisii</i> gen. et sp. nov., <i>Securidaca</i> -like Samaras (Polygalaceae) from the Late Paleocene of North Dakota, and their significance to the divergence of families within the Fabales. <i>International Journal of Plant Sciences</i> 169(9): 1304-1313	† <i>Paleosecuridaca curtisii</i> Pigg, DeVore & Wojciechowski	Angiospermae: Fabales: Polygalaceae	USA: North Dakota: Morton County*
Pigg, Kathleen B.; Manchester, Steven R.; DeVore, Melanie L. (2008) Fruits of Icacinaceae (tribe Iodeae) from the Late Paleocene of western North America. <i>American Journal of Botany</i> 95(7): 824-832	† <i>Icacinicarya collinsonae</i> Pigg, Manchester & DeVore	Angiospermae: Icacinaceae	USA: North Dakota: Morton County*
Pigg, Kathleen B.; Manchester, Steven R.; DeVore, Melanie L. (2008) Fruits of Icacinaceae (tribe Iodeae) from the Late Paleocene of western North America. <i>American Journal of Botany</i> 95(7): 824-832	† <i>Icacinicarya dictyota</i> Pigg, Manchester & DeVore	Angiospermae: Icacinaceae	USA: North Dakota: MacKenzie County*
Pigg, Kathleen B.; Manchester, Steven R.; DeVore, Melanie L. (2008) Fruits of Icacinaceae (tribe Iodeae) from the Late Paleocene of western North America. <i>American Journal of Botany</i> 95(7): 824-832	† <i>Icacinicarya linchensis</i> Pigg, Manchester & DeVore	Angiospermae: Icacinaceae	USA: Colorado: La Plata County*

Pigg, Kathleen B.; Manchester, Steven R.; DeVore, Melanie L. (2008) Fruits of Icacinaceae (tribe Iodeae) from the Late Paleocene of western North America. American Journal of Botany 95(7): 824-832	† <i>Icacinicarya linchensis</i> Pigg, Manchester & DeVore	Angiospermae: Icacinaceae	USA: Montana: (Buckey)
Pigg, Kathleen B.; Manchester, Steven R.; DeVore, Melanie L. (2008) Fruits of Icacinaceae (tribe Iodeae) from the Late Paleocene of western North America. American Journal of Botany 95(7): 824-832	† <i>Icacinicarya linchensis</i> Pigg, Manchester & DeVore	Angiospermae: Icacinaceae	USA: Wyoming: Fremont County*
Pigg, Kathleen B.; Manchester, Steven R.; DeVore, Melanie L. (2008) Fruits of Icacinaceae (tribe Iodeae) from the Late Paleocene of western North America. American Journal of Botany 95(7): 824-832	† <i>Icacinicarya linchensis</i> Pigg, Manchester & DeVore	Angiospermae: Icacinaceae	USA: Wyoming: Johnson County*
Pinilla, M.K.; Sabattini, N.M.; Tortello, M.F.; Aceñolaza, G.F. (2008) A new species of <i>Strepsodiscus</i> Knight (Gastropoda, Bellerophontoidea) from the Upper Cambrian of Argentina. Neues Jahrbuch für Geologie und Paläontologie Abhandlungen 248(2): 217-223	† <i>Strepsodiscus austrinus</i>	Mollusca: Gastropoda: Bellerophontoidea: Cyrtolitidae	ARGENTINA: Salta*
Pipík, Radovan; Bodergat, Anne-Marie (2008) Nouvelle faune d'ostracodes d'eau douce du Miocène supérieur de la région Carpatho-Pannonienne et description d'espèces appartenant aux genres <i>Pseudocandona</i> , <i>Fabaeformiscandona</i> et <i>Candonopsis</i> . Palaeontographica A 286(4-6): 89-121	† <i>Fabaeformiscandona regia</i>	Crustacea: Ostracoda: Podocopida: Cypridoidea: Candonidae	SLOVAKIA: Banská Bystrica Region*
Pipík, Radovan; Bodergat, Anne-Marie (2008) Nouvelle faune d'ostracodes d'eau douce du Miocène supérieur de la région Carpatho-Pannonienne et description d'espèces appartenant aux genres <i>Pseudocandona</i> , <i>Fabaeformiscandona</i> et <i>Candonopsis</i> . Palaeontographica A 286(4-6): 89-121	† <i>Fabaeformiscandona regia</i>	Crustacea: Ostracoda: Podocopida: Cypridoidea: Candonidae	SLOVAKIA: Žilina*
Pipík, Radovan; Bodergat, Anne-Marie (2008) Nouvelle faune d'ostracodes d'eau douce du Miocène supérieur de la région Carpatho-Pannonienne et description d'espèces appartenant aux genres <i>Pseudocandona</i> , <i>Fabaeformiscandona</i> et <i>Candonopsis</i> . Palaeontographica A 286(4-6): 89-121	† <i>Fabaeformiscandona sturi</i>	Crustacea: Ostracoda: Podocopida: Cypridoidea: Candonidae	SLOVAKIA: Žilina*
Pipík, Radovan; Bodergat, Anne-Marie (2008) Nouvelle faune d'ostracodes d'eau douce du Miocène supérieur de la région Carpatho-Pannonienne et description d'espèces appartenant aux genres <i>Pseudocandona</i> , <i>Fabaeformiscandona</i> et <i>Candonopsis</i> . Palaeontographica A 286(4-6): 89-121	† <i>Pseudocandona carbonnelli</i>	Crustacea: Ostracoda: Podocopida: Cypridoidea: Candonidae	SLOVAKIA: Žilina*
Pipík, Radovan; Bodergat, Anne-Marie (2008) Nouvelle faune d'ostracodes d'eau douce du Miocène supérieur de la région Carpatho-Pannonienne et description d'espèces appartenant aux genres <i>Pseudocandona</i> , <i>Fabaeformiscandona</i> et <i>Candonopsis</i> . Palaeontographica A 286(4-6): 89-121	† <i>Pseudocandona pharia</i>	Crustacea: Ostracoda: Podocopida: Cypridoidea: Candonidae	SLOVAKIA: Žilina*

Pipík, Radovan; Bodergat, Anne-Marie (2008) Nouvelle faune d'ostracodes d'eau douce du Miocène supérieur de la région Carpatho-Pannonienne et description d'espèces appartenant aux genres <i>Pseudocandona</i> , <i>Fabaeformiscandona</i> et <i>Candonopsis</i> . Palaeontographica A 286(4-6): 89-121	† <i>Pseudocandona protoalbicans</i>	Crustacea: Ostracoda: Podocopida: Cypridoidea: Candonidae	SLOVAKIA: Žilina*
Pipík, Radovan; Bodergat, Anne-Marie (2008) Nouvelle faune d'ostracodes d'eau douce du Miocène supérieur de la région Carpatho-Pannonienne et description d'espèces appartenant aux genres <i>Pseudocandona</i> , <i>Fabaeformiscandona</i> et <i>Candonopsis</i> . Palaeontographica A 286(4-6): 89-121	† <i>Pseudocandona vannieri</i>	Crustacea: Ostracoda: Podocopida: Cypridoidea: Candonidae	SLOVAKIA: Žilina*
Pittau, Paola; del Rio, Myriam; Cotza, Francesca; Ronchi, Ausonio; Santi, Giuseppe; Giannotti, Renato (2008) Pennsylvanian miospore assemblages from the Bèdero Section, Varese, Italian Southern Alps. Revue de Micropaléontologie 51(2): 133-166	† <i>Cassinisporites umbratus</i> Pittau	Anteturma Variegerminantes: Turma Saccites: Subturma Monosaccites: Infraturma Vesiculomonoraditi	ITALY: Lombardy Region* (Varese Province)
Pittau, Paola; del Rio, Myriam; Cotza, Francesca; Ronchi, Ausonio; Santi, Giuseppe; Giannotti, Renato (2008) Pennsylvanian miospore assemblages from the Bèdero Section, Varese, Italian Southern Alps. Revue de Micropaléontologie 51(2): 133-166	† <i>Cordaitina alpina</i> Pittau	Anteturma Variegerminantes: Turma Saccites: Subturma Monosaccites: Infraturma Triletisacciti	ITALY: Lombardy Region* (Varese Province)
Pittau, Paola; del Rio, Myriam; Cotza, Francesca; Ronchi, Ausonio; Santi, Giuseppe; Giannotti, Renato (2008) Pennsylvanian miospore assemblages from the Bèdero Section, Varese, Italian Southern Alps. Revue de Micropaléontologie 51(2): 133-166	† <i>Cordaitina triplicata</i> Pittau	Anteturma Variegerminantes: Turma Saccites: Subturma Monosaccites: Infraturma Triletisacciti	ITALY: Lombardy Region* (Varese Province)
Pittau, Paola; del Rio, Myriam; Cotza, Francesca; Ronchi, Ausonio; Santi, Giuseppe; Giannotti, Renato (2008) Pennsylvanian miospore assemblages from the Bèdero Section, Varese, Italian Southern Alps. Revue de Micropaléontologie 51(2): 133-166	† <i>Florinites bederi</i> Pittau	Anteturma Variegerminantes: Turma Saccites: Subturma Monosaccites: Infraturma Aletesacciti	ITALY: Lombardy Region* (Varese Province)
Pittau, Paola; del Rio, Myriam; Cotza, Francesca; Ronchi, Ausonio; Santi, Giuseppe; Giannotti, Renato (2008) Pennsylvanian miospore assemblages from the Bèdero Section, Varese, Italian Southern Alps. Revue de Micropaléontologie 51(2): 133-166	† <i>Lophotriletes aduncus</i> Pittau	Anteturma Proximegerminantes: Turma Triletes: Infraturma Apiculati	ITALY: Lombardy Region* (Varese Province)

Pittau, Paola; del Rio, Myriam; Cotza, Francesca; Ronchi, Ausonio; Santi, Giuseppe; Giannotti, Renato (2008) Pennsylvanian miospore assemblages from the Bèdero Section, Varese, Italian Southern Alps. <i>Revue de Micropaléontologie</i> 51(2): 133-166	† <i>Pontonieisporites aequalis</i> Pittau	Anteturma Variegerminantes: Turma Saccites: Subturma Monosaccites: Infraturma Vesiculomonoraditi	ITALY: Lombardy Region* (Varese Province)
Pittau, Paola; del Rio, Myriam; Cotza, Francesca; Ronchi, Ausonio; Santi, Giuseppe; Giannotti, Renato (2008) Pennsylvanian miospore assemblages from the Bèdero Section, Varese, Italian Southern Alps. <i>Revue de Micropaléontologie</i> 51(2): 133-166	† <i>Pontonieisporites hibericus</i> Pittau	Anteturma Variegerminantes: Turma Saccites: Subturma Monosaccites: Infraturma Vesiculomonoraditi	ITALY: Lombardy Region* (Varese Province)
Pittau, Paola; del Rio, Myriam; Cotza, Francesca; Ronchi, Ausonio; Santi, Giuseppe; Giannotti, Renato (2008) Pennsylvanian miospore assemblages from the Bèdero Section, Varese, Italian Southern Alps. <i>Revue de Micropaléontologie</i> 51(2): 133-166	† <i>Raistrickia bulla</i> Pittau	Anteturma Proximegerminantes: Turma Triletes: Infraturma Mixtati	ITALY: Lombardy Region* (Varese Province)
Pittau, Paola; del Rio, Myriam; Cotza, Francesca; Ronchi, Ausonio; Santi, Giuseppe; Giannotti, Renato (2008) Pennsylvanian miospore assemblages from the Bèdero Section, Varese, Italian Southern Alps. <i>Revue de Micropaléontologie</i> 51(2): 133-166	† <i>Spelaeotriletes spinulatus</i> Pittau	Anteturma Proximegerminantes: Turma Triletes: Suprasubturma Pseudosaccitritiletes: Infraturma Monopseudosacciti	ITALY: Lombardy Region* (Varese Province)
Pittau, Paola; del Rio, Myriam; Cotza, Francesca; Ronchi, Ausonio; Santi, Giuseppe; Giannotti, Renato (2008) Pennsylvanian miospore assemblages from the Bèdero Section, Varese, Italian Southern Alps. <i>Revue de Micropaléontologie</i> 51(2): 133-166	† <i>Spelaeotriletes tongiorgii</i> Pittau	Anteturma Proximegerminantes: Turma Triletes: Suprasubturma Pseudosaccitritiletes: Infraturma Monopseudosacciti	ITALY: Lombardy Region* (Varese Province)
Pittau, Paola; del Rio, Myriam; Cotza, Francesca; Ronchi, Ausonio; Santi, Giuseppe; Giannotti, Renato (2008) Pennsylvanian miospore assemblages from the Bèdero Section, Varese, Italian Southern Alps. <i>Revue de Micropaléontologie</i> 51(2): 133-166	† <i>Stenozonotriletes rubius</i> Pittau	Anteturma Proximegerminantes: Turma Triletes: Subturma Zonotriletes: Infraturma Cingulati	ITALY: Lombardy Region* (Varese Province)
Playford, Geoffrey; González, Felipe; Moreno, Carmen; Al Ansari, Abdelkhalek (2008) Palynostratigraphy of the Sarhlef Series (Mississippian), Jebilet Massif, Morocco. <i>Micropaleontology</i> 54(2): 89-124	† <i>Cristatisporites mixtus</i> Playford, González & Moreno	Proximegerminantes: Triletes: Laminatitritiletes: Cingulicavati	MOROCCO: Marrakech-Tensift-EI Haouz Region*

Playford, Geoffrey; González, Felipe; Moreno, Carmen; Al Ansari, Abdelkhalek (2008) Palynostratigraphy of the Sarhlef Series (Mississippian), Jebilet Massif, Morocco. Micropaleontology 54(2): 89-124	† <i>Densosporites dissonus</i> Playford, González & Moreno	Proximegerminantes: Triletes: Laminatitriletes: Cingulicavati	MOROCCO: Marrakech-Tensift-EI Haouz Region*
Playford, Geoffrey; González, Felipe; Moreno, Carmen; Al Ansari, Abdelkhalek (2008) Palynostratigraphy of the Sarhlef Series (Mississippian), Jebilet Massif, Morocco. Micropaleontology 54(2): 89-124	† <i>Endoculeospora marrakechensis</i> Playford, González & Moreno	Proximegerminantes: Triletes: Pseudosaccititriletes: Monopseudosacciti	MOROCCO: Marrakech-Tensift-EI Haouz Region*
Playford, Geoffrey; González, Felipe; Moreno, Carmen; Al Ansari, Abdelkhalek (2008) Palynostratigraphy of the Sarhlef Series (Mississippian), Jebilet Massif, Morocco. Micropaleontology 54(2): 89-124	† <i>Indotriradites immutabilis</i> Playford, González & Moreno	Proximegerminantes: Triletes: Laminatitriletes: Cingulicavati	MOROCCO: Marrakech-Tensift-EI Haouz Region*
Playford, Geoffrey; González, Felipe; Moreno, Carmen; Al Ansari, Abdelkhalek (2008) Palynostratigraphy of the Sarhlef Series (Mississippian), Jebilet Massif, Morocco. Micropaleontology 54(2): 89-124	† <i>Vallatisporites extensivus</i> Playford, González & Moreno	Proximegerminantes: Triletes: Laminatitriletes: Cingulicavati	MOROCCO: Marrakech-Tensift-EI Haouz Region*
Playford, Geoffrey; Rigby, John F. (2008) Permian palynoflora of the Ainim and Aiduna formations, West Papua. Revista Española de Micropaleontología 40(1-2): 1-57	† <i>Cyclogranisporites rugulogranatus</i> Playford	Anteturma Proximegerminantes: Turma Triletes: Suprasubturma Acavatitriletes: Subturma Azonotriletes: Infraturma Apiculati: Subinfraturma Granulati	AUSTRALIA: Western Australia*
Playford, Geoffrey; Rigby, John F. (2008) Permian palynoflora of the Ainim and Aiduna formations, West Papua. Revista Española de Micropaleontología 40(1-2): 1-57	† <i>Cyclogranisporites rugulogranatus</i> Playford	Anteturma Proximegerminantes: Turma Triletes: Suprasubturma Acavatitriletes: Subturma Azonotriletes: Infraturma Apiculati: Subinfraturma Granulati	INDONESIA: West Papua Province*

Playford, Geoffrey; Rigby, John F. (2008) Permian palynoflora of the Ainim and Aiduna formations, West Papua. Revista Española de Micropaleontología 40(1-2): 1-57	† <i>Dictyophyllidites ouyangii</i> Playford	Anteturma Proximegerminantes: Turma Triletes: Suprasubturma Acavatitriletes: Subturma Azonotriletes: Infraturma Laevigati	CHINA: Xinjiang*
Playford, Geoffrey; Rigby, John F. (2008) Permian palynoflora of the Ainim and Aiduna formations, West Papua. Revista Española de Micropaleontología 40(1-2): 1-57	† <i>Dictyophyllidites ouyangii</i> Playford	Anteturma Proximegerminantes: Turma Triletes: Suprasubturma Acavatitriletes: Subturma Azonotriletes: Infraturma Laevigati	INDONESIA: West Papua Province*
Playford, Geoffrey; Rigby, John F. (2008) Permian palynoflora of the Ainim and Aiduna formations, West Papua. Revista Española de Micropaleontología 40(1-2): 1-57	† <i>Lophotriletes wagneri</i> Playford	Anteturma Proximegerminantes: Turma Triletes: Suprasubturma Acavatitriletes: Subturma Azonotriletes: Infraturma Apiculati: Subinfraturma Nodati	INDONESIA: West Papua Province*
Playford, Geoffrey; Rigby, John F. (2008) Permian palynoflora of the Ainim and Aiduna formations, West Papua. Revista Española de Micropaleontología 40(1-2): 1-57	† <i>Maculatasporites gravidus</i> Playford	Group Acritarcha	INDONESIA: West Papua Province*
Playford, Geoffrey; Rigby, John F. (2008) Permian palynoflora of the Ainim and Aiduna formations, West Papua. Revista Española de Micropaleontología 40(1-2): 1-57	† <i>Thymospora miscella</i> Playford	Turma Monoletes: Suprasubturma Acavatomoletes: Subturma Azonomoletes: Infraturma Sculptatomoleti	INDONESIA: West Papua Province*
Playford, Geoffrey; Rigby, John F. (2008) Permian palynoflora of the Ainim and Aiduna formations, West Papua. Revista Española de Micropaleontología 40(1-2): 1-57	† <i>Triquitrites kaiseri</i> Playford	Anteturma Proximegerminantes: Turma Triletes: Suprasubturma Acavatitriletes: Subturma Zonotriletes: Infraturma Auriculati	CHINA: Shanxi Province*

Playford, Geoffrey; Rigby, John F. (2008) Permian palynoflora of the Ainim and Aiduna formations, West Papua. <i>Revista Española de Micropaleontología</i> 40(1-2): 1-57	† <i>Triquitrites kaiseri</i> Playford	Anteturma Proximegerminantes: Turma Triletes: Suprasubturma Acavatitriletes: Subturma Zonotriletes: Infraturma Auriculati	INDONESIA: West Papua Province*
Poinar, George O., Jr.; Buckley, Ron (2008) <i>Cretacifilix fungiformis</i> gen. and sp. nov., an eupolypod fern (Polypodiales) in Early Cretaceous Burmese amber. <i>Journal of the Botanical Research Institute of Texas</i> 2(2): 1175-1182	† <i>Cretacifilix fungiformis</i> G.O. Poinar & R. Buckley	Pteridophyta: Polypodiales	MYANMAR: Kachin State*
Poinar, George O., Jr.; Chambers, Kenton L.; Brown, Alex E. (2008) <i>Lasiambix dominicensis</i> gen. and sp. nov., a eudicot flower in Dominican amber showing affinities with Fabaceae subfamily Caesalpinioideae. <i>Journal of the Botanical Research Institute of Texas</i> 2(1): 463-471	† <i>Lasiambix dominicensis</i> Poinar, Chambers & Brown	Angiospermae: Fabaceae: Caesalpinioideae	DOMINICAN REPUBLIC ("Dominican amber")
Poinar, George O., Jr.; Chambers, Kenton L.; Brown, Alex E. (2008) <i>Trochanthera lepidota</i> gen. and sp. nov., a fossil angiosperm inflorescence in Dominican amber. <i>Journal of the Botanical Research Institute of Texas</i> 2(2): 1167-1173	† <i>Trochanthera lepidota</i> G.O. Poinar, K.L. Chambers & A.E. Brown	Angiospermae Balanophoraceae	DOMINICAN REPUBLIC: (Dominican amber)
Poinar, George O., Jr.; Chambers, Kenton L.; Buckley, Ron (2008) An Early Cretaceous angiosperm fossil of possible significance in rosid floral diversification. <i>Journal of the Botanical Research Institute of Texas</i> 2(2): 1183-1191	† <i>Lachnociona terriae</i> G.O. Poinar, K.L. Chambers & R. Buckley	Angiospermae: fam. indet.	MYANMAR: Kachin State*
Poinar, George O.; Buckley, Ron (2008) <i>Compluriscutula vetulum</i> (Acari: Ixodida: Ixodidae), a new genus and species of hard tick from Lower Cretaceous Burmese amber. <i>Proceedings of the Entomological Society of Washington</i> 110(2): 445-450	† <i>Compluriscutula vetulum</i> Poinar & Buckley	Arachnida: Acari: Ixodidae	MYANMAR: Kachin State*
Poinar, George, Jr. (2008) <i>Leptoconops nosopheris</i> sp. n. (Diptera: Ceratopogonidae) and <i>Paleotrypanosoma burmanicus</i> gen. n., sp. n. (Kinetoplastida: Trypanosomatidae), a biting midge - trypanosome vector association from the Early Cretaceous. <i>Memórias do Instituto Oswaldo Cruz</i> 103(5): 468-471	† <i>Leptoconops nosopheris</i>	Diptera: Ceratopogonidae	MYANMAR: Kachin*
Poinar, George, Jr. (2008) <i>Leptoconops nosopheris</i> sp. n. (Diptera: Ceratopogonidae) and <i>Paleotrypanosoma burmanicus</i> gen. n., sp. n. (Kinetoplastida: Trypanosomatidae), a biting midge - trypanosome vector association from the Early Cretaceous. <i>Memórias do Instituto Oswaldo Cruz</i> 103(5): 468-471	† <i>Paleotrypanosoma burmanicus</i>	Kinetoplastida: Trypanosomatidae	MYANMAR: Kachin*
Poinar, George, Jr. (2008) <i>Lutzomyia adiketis</i> sp. n. (Diptera: Phlebotomidae), a vector of <i>Paleoleishmania neotropicum</i> sp. n. (Kinetoplastida: Trypanosomatidae) in Dominican amber. <i>Parasites & Vectors</i> 1: 22 (8 pp.)	† <i>Lutzomyia adiketis</i>	Diptera: Phlebotomidae	DOMINICAN REPUBLIC: (Cordillera Septentrional, between Puerto Plata and Santiago)

Poinar, George, Jr. (2008) <i>Lutzomyia adiketis</i> sp. n. (Diptera: Phlebotomidae), a vector of <i>Paleoleishmania neotropicum</i> sp. n. (Kinetoplastida: Trypanosomatidae) in Dominican amber. Parasites & Vectors 1: 22 (8 pp.)	† <i>Paleoleishmania neotropicum</i>	Euglenozoa: Kinetoplastida: Trypanosomatidae	DOMINICAN REPUBLIC: (Cordillera Septentrional, between Puerto Plata and Santiago)
Poinar, George, Jr.; Kerp, Hans; Hass, Hagen (2008) <i>Palaeonema phyticum</i> gen. n., sp. n. (Nematoda: Palaeonematidae fam. n.), a Devonian nematode associated with early land plants. Nematology 10(1): 9-14	† <i>Palaeonema phyticum</i>	Nematoda: Palaeonematidae	SCOTLAND: Aberdeenshire*
Poinar, George, Jr.; Kirejtshuk, Alexander G.; Buckley, Ron (2008) <i>Pleuroceratos burmiticus</i> , n. gen., n. sp. (Coleoptera: Silvanidae) from early Cretaceous Burmese amber. Proceedings of the Entomological Society of Washington 110(1): 250-257	† <i>Pleuroceratos burmiticus</i> Poinar & Kirejtshuk	Coleoptera: Silvanidae	MYANMAR: Kachin State*
Poinar, George, Jr.; Sarto i Monteys, V. (2008) Mermithids (Nematoda: Mermithidae) of biting midges (Diptera: Ceratopogonidae): <i>Heleidomermis cataloniensis</i> n.sp. from <i>Culicoides circumscriptus</i> Kieffer in Spain and a species of <i>Cretacimermis</i> Poinar, 2001 from a ceratopogonid in Burmese amber. Systematic Parasitology 69(1): 13-21	† <i>Heleidomermis cataloniensis</i>	Nematoda: Mermithidae	SPAIN: Catalonia Autonomous Community* (Girona Province)
Polz, Hermann (2008) <i>Alcmonacaris winkleri</i> g. nov. sp. nov. (Crustacea: Decapoda: Pleocyemata: Caridea) aus den Solnhofener Plattenkalken von Eichstätt. Archaeopteryx 26: 1-9	† <i>Alcmonacaris winkleri</i>	Crustacea: Decapoda: Pleocyemata: Caridea: superfam/fam indet.	GERMANY: Bavaria*
Ponomarenko, A.G. (2008) New Triassic beetles (Coleoptera) from northern European Russia. Paleontological Journal 42(6): 600-606 [Paleontologicheskii Zhurnal 2008(6): 30-35 (in Russian)]	† <i>Tetracoleus minimus</i> Ponomarenko	Coleoptera: Archostemata: Tricoleidae	RUSSIA: Arkhangelsk Oblast*
Ponomarenko, A.G. (2008) New Triassic beetles (Coleoptera) from northern European Russia. Paleontological Journal 42(6): 600-606 [Paleontologicheskii Zhurnal 2008(6): 30-35 (in Russian)]	† <i>Tetracoleus tshalyshevi</i> Ponomarenko	Coleoptera: Archostemata: Tricoleidae	RUSSIA: Arkhangelsk Oblast*
Popov, Leonid E.; Pour, Mansoureh Ghobadi; Hosseini, Mehri (2008) Early to Middle Ordovician lingulate brachiopods from the Lashkarak Formation, Eastern Alborz Mountains, Iran. Alcheringa 32(1): 1-35	† <i>Aipyotreta conferta</i>	Brachiopoda: Lingulata: Ephippelasmataidae	IRAN: Semnan Province*
Popov, Leonid E.; Pour, Mansoureh Ghobadi; Hosseini, Mehri (2008) Early to Middle Ordovician lingulate brachiopods from the Lashkarak Formation, Eastern Alborz Mountains, Iran. Alcheringa 32(1): 1-35	† <i>Ghavidelia damghanensis</i>	Brachiopoda: Lingulata: Ephippelasmataidae	IRAN: Semnan Province*
Popov, Leonid E.; Pour, Mansoureh Ghobadi; Hosseini, Mehri (2008) Early to Middle Ordovician lingulate brachiopods from the Lashkarak Formation, Eastern Alborz Mountains, Iran. Alcheringa 32(1): 1-35	† <i>Thysanotos multispinulosus</i>	Brachiopoda: Lingulata: Zhanatellidae	IRAN: Semnan Province*
Popov, Yuri A. (2008) <i>Pavlostysia wunderlichi</i> gen. nov. and sp. nov., the first fossil spider-web bug (Hemiptera: Heteroptera: Cimicomorpha: Plokiophilidae) from the Baltic Eocene amber. Acta Entomologica Musei Nationalis Pragae 48(2): 497-502	† <i>Pavlostysia wunderlichi</i>	Hemiptera: Heteroptera: Plokiophilidae	("Baltic amber")
Popov, Yuri A.; Herczek, Aleksander; Kanja, Iwona (2008) One more microphysid from the Eocene Baltic amber (Heteroptera: Cimicomorpha, Microphysidae). Genus 19(4): 611-617	† <i>Loricula (Loricula) polonica</i> Popov & Herczek	Hemiptera: Heteroptera: Microphysidae	"Baltic amber"

Portell, Roger W.; Donovan, Stephen K. (2008) <i>Campanile trevorjacksoni</i> sp. nov. (Mollusca: Gastropoda) from the Eocene of Jamaica: At last, a name for the first fossil used in intercontinental biostratigraphic correlation (de la Beche 1827). Geological Journal 43(5): 542-551	† <i>Campanile trevorjacksoni</i>	Mollusca: Gastropoda: Campanilidae	JAMAICA: Trelawny Parish*
Poschmann, Markus; Dunlop, Jason A.; Kamenz, Carsten; Scholtz, Gerhard (2008) The Lower Devonian scorpion <i>Waeringoscorpio</i> and the respiratory nature of its filamentous structures, with the description of a new species from the Westerwald area, Germany. Paläontologische Zeitschrift 82(4): 418-436	† <i>Waeringoscorpio westerwaldensis</i>	Arachnida: Scorpiones: Proscorpiidae	GERMANY: Rheinland-Pfalz*
Prasad, G.V.R.; Bajpai, Sunil (2008) Agamid lizards from the Early Eocene of Western India: Oldest Cenozoic lizards from South Asia. Palaeontologia Electronica 11(1): 4A, 19 pp.	† <i>Tinosaurus indicus</i>	Reptilia: Squamata: Agamidae	INDIA: Gujarat*
Prasad, G.V.R.; Bajpai, Sunil (2008) Agamid lizards from the Early Eocene of Western India: Oldest Cenozoic lizards from South Asia. Palaeontologia Electronica 11(1): 4A, 19 pp.	† <i>Vastanagama susani</i>	Reptilia: Squamata: Agamidae	INDIA: Gujarat*
Prasad, Guntupalli V.R.; Singh, Kulwant; Parmar, Varun; Goswami, Anjali; Sudan, Charan S. (2008) Hybodont shark teeth from the continental Upper Triassic deposits of India. In: Arratia, Gloria; Schultze, Hans-Peter; Wilson, Mark V.H. (eds.) (2008) Mesozoic Fishes 4. Homology and Phylogeny. Proceedings of the International Meeting, Miraflores de la Sierra, 2005. Verlag Dr. Friedrich Pfeil: München, pp. 413-432	† <i>Lissodus duffini</i>	Euselachii: Hybodontidae: Lonchidiidae	INDIA: Madhya Pradesh*
Prasad, Guntupalli V.R.; Singh, Kulwant; Parmar, Varun; Goswami, Anjali; Sudan, Charan S. (2008) Hybodont shark teeth from the continental Upper Triassic deposits of India. In: Arratia, Gloria; Schultze, Hans-Peter; Wilson, Mark V.H. (eds.) (2008) Mesozoic Fishes 4. Homology and Phylogeny. Proceedings of the International Meeting, Miraflores de la Sierra, 2005. Verlag Dr. Friedrich Pfeil: München, pp. 413-432	† <i>Lonchidion estesi</i>	Euselachii: Hybodontidae: Lonchidiidae	INDIA: Madhya Pradesh*
Prasad, Guntupalli V.R.; Singh, Kulwant; Parmar, Varun; Goswami, Anjali; Sudan, Charan S. (2008) Hybodont shark teeth from the continental Upper Triassic deposits of India. In: Arratia, Gloria; Schultze, Hans-Peter; Wilson, Mark V.H. (eds.) (2008) Mesozoic Fishes 4. Homology and Phylogeny. Proceedings of the International Meeting, Miraflores de la Sierra, 2005. Verlag Dr. Friedrich Pfeil: München, pp. 413-432	† <i>Lonchidion incumbens</i>	Euselachii: Hybodontidae: Lonchidiidae	INDIA: Madhya Pradesh*
Prasad, Guntupalli V.R.; Singh, Kulwant; Parmar, Varun; Goswami, Anjali; Sudan, Charan S. (2008) Hybodont shark teeth from the continental Upper Triassic deposits of India. In: Arratia, Gloria; Schultze, Hans-Peter; Wilson, Mark V.H. (eds.) (2008) Mesozoic Fishes 4. Homology and Phylogeny. Proceedings of the International Meeting, Miraflores de la Sierra, 2005. Verlag Dr. Friedrich Pfeil: München, pp. 413-432	† <i>Parvodus tikiensis</i>	Euselachii: Hybodontidae: Lonchidiidae	INDIA: Madhya Pradesh*

Prasad, M.; Agarwal, A.; Khare, E.G.; Sekar, B. (2008) Occurrence of the genus <i>Anogeissus</i> Wall. in the Holocene (600 yrs. Cal. BP) sediments of Himalayan foot hills, Uttaranchal, India. <i>Journal of Applied Bioscience</i> 34(2): 181-184	† <i>Anogeissus purniyagiriensis</i> —Note: Genus 'Anogeissus' in TI and AB, but 'Anogeissoxylon' throughout text	Angiospermae: Combretaceae	INDIA: Uttaranchal*
Prasad, Mahesh; Pandey, Shivendra Mohan (2008) Plant diversity and climate during Siwalik (Miocene-Pliocene) in the Himalayan foot hills of western Nepal. <i>Palaeontographica, Abteilung B. Paläophytologie</i> 278(1-3): 13-70	† <i>Ancistrocladus suraikholaensis</i>	Angiospermae: Ancistrocladaceae	NEPAL: Lumbini Zone*
Prasad, Mahesh; Pandey, Shivendra Mohan (2008) Plant diversity and climate during Siwalik (Miocene-Pliocene) in the Himalayan foot hills of western Nepal. <i>Palaeontographica, Abteilung B. Paläophytologie</i> 278(1-3): 13-70	† <i>Bridelia mioretusa</i>	Angiospermae: Euphorbiaceae	NEPAL: Lumbini Zone*
Prasad, Mahesh; Pandey, Shivendra Mohan (2008) Plant diversity and climate during Siwalik (Miocene-Pliocene) in the Himalayan foot hills of western Nepal. <i>Palaeontographica, Abteilung B. Paläophytologie</i> 278(1-3): 13-70	† <i>Bridelia siwalica</i>	Angiospermae: Euphorbiaceae	NEPAL: Lumbini Zone*
Prasad, Mahesh; Pandey, Shivendra Mohan (2008) Plant diversity and climate during Siwalik (Miocene-Pliocene) in the Himalayan foot hills of western Nepal. <i>Palaeontographica, Abteilung B. Paläophytologie</i> 278(1-3): 13-70	† <i>Chisocheton suraikholaensis</i>	Angiospermae: Meliaceae	NEPAL: Lumbini Zone*
Prasad, Mahesh; Pandey, Shivendra Mohan (2008) Plant diversity and climate during Siwalik (Miocene-Pliocene) in the Himalayan foot hills of western Nepal. <i>Palaeontographica, Abteilung B. Paläophytologie</i> 278(1-3): 13-70	† <i>Cinnamomum nepalensis</i>	Angiospermae: Lauraceae	NEPAL: Lumbini Zone*
Prasad, Mahesh; Pandey, Shivendra Mohan (2008) Plant diversity and climate during Siwalik (Miocene-Pliocene) in the Himalayan foot hills of western Nepal. <i>Palaeontographica, Abteilung B. Paläophytologie</i> 278(1-3): 13-70	† <i>Cocculus miotrilobus</i>	Angiospermae: Menispermaceae	NEPAL: Lumbini Zone*
Prasad, Mahesh; Pandey, Shivendra Mohan (2008) Plant diversity and climate during Siwalik (Miocene-Pliocene) in the Himalayan foot hills of western Nepal. <i>Palaeontographica, Abteilung B. Paläophytologie</i> 278(1-3): 13-70	† <i>Ctenolophon chorkholaensis</i>	Angiospermae: Ctenolophonaceae	NEPAL: Lumbini Zone*
Prasad, Mahesh; Pandey, Shivendra Mohan (2008) Plant diversity and climate during Siwalik (Miocene-Pliocene) in the Himalayan foot hills of western Nepal. <i>Palaeontographica, Abteilung B. Paläophytologie</i> 278(1-3): 13-70	† <i>Dipterocarpus suraikholaensis</i>	Angiospermae: Dipterocarpaceae	NEPAL: Lumbini Zone*
Prasad, Mahesh; Pandey, Shivendra Mohan (2008) Plant diversity and climate during Siwalik (Miocene-Pliocene) in the Himalayan foot hills of western Nepal. <i>Palaeontographica, Abteilung B. Paläophytologie</i> 278(1-3): 13-70	† <i>Duabanga siwalica</i>	Angiospermae: Lythraceae	NEPAL: Lumbini Zone*
Prasad, Mahesh; Pandey, Shivendra Mohan (2008) Plant diversity and climate during Siwalik (Miocene-Pliocene) in the Himalayan foot hills of western Nepal. <i>Palaeontographica, Abteilung B. Paläophytologie</i> 278(1-3): 13-70	† <i>Mangifera suraikholaensis</i>	Angiospermae: Anacardiaceae	NEPAL: Lumbini Zone*
Prasad, Mahesh; Pandey, Shivendra Mohan (2008) Plant diversity and climate during Siwalik (Miocene-Pliocene) in the Himalayan foot hills of western Nepal. <i>Palaeontographica, Abteilung B. Paläophytologie</i> 278(1-3): 13-70	† <i>Mucuna miogigantea</i>	Angiospermae: Fabaceae	NEPAL: Lumbini Zone*
Prasad, Mahesh; Pandey, Shivendra Mohan (2008) Plant diversity and climate during Siwalik (Miocene-Pliocene) in the Himalayan foot hills of western Nepal. <i>Palaeontographica, Abteilung B. Paläophytologie</i> 278(1-3): 13-70	† <i>Myrsine precapitellata</i>	Angiospermae: Myrsinaceae	NEPAL: Lumbini Zone*

Prasad, Mahesh; Pandey, Shivendra Mohan (2008) Plant diversity and climate during Siwalik (Miocene-Pliocene) in the Himalayan foot hills of western Nepal. <i>Palaeontographica, Abteilung B. Paläophytologie</i> 278(1-3): 13-70	† <i>Ochna siwalika</i>	Angiospermae: Ochnaceae	NEPAL: Lumbini Zone*
Prasad, Mahesh; Pandey, Shivendra Mohan (2008) Plant diversity and climate during Siwalik (Miocene-Pliocene) in the Himalayan foot hills of western Nepal. <i>Palaeontographica, Abteilung B. Paläophytologie</i> 278(1-3): 13-70	† <i>Olax banksii</i>	Angiospermae: Olacaceae	NEPAL: Lumbini Zone*
Prasad, Mahesh; Pandey, Shivendra Mohan (2008) Plant diversity and climate during Siwalik (Miocene-Pliocene) in the Himalayan foot hills of western Nepal. <i>Palaeontographica, Abteilung B. Paläophytologie</i> 278(1-3): 13-70	† <i>Rourea palaeorugosa</i>	Angiospermae: Connaraceae	NEPAL: Lumbini Zone*
Prasad, Mahesh; Pandey, Shivendra Mohan (2008) Plant diversity and climate during Siwalik (Miocene-Pliocene) in the Himalayan foot hills of western Nepal. <i>Palaeontographica, Abteilung B. Paläophytologie</i> 278(1-3): 13-70	† <i>Shorea palaeostellata</i>	Angiospermae: Dipterocarpaceae	NEPAL: Lumbini Zone*
Prasad, Mahesh; Pandey, Shivendra Mohan (2008) Plant diversity and climate during Siwalik (Miocene-Pliocene) in the Himalayan foot hills of western Nepal. <i>Palaeontographica, Abteilung B. Paläophytologie</i> 278(1-3): 13-70	† <i>Sterculia mioensifolia</i>	Angiospermae: Sterculiaceae	NEPAL: Lumbini Zone*
Prasad, Mahesh; Pandey, Shivendra Mohan (2008) Plant diversity and climate during Siwalik (Miocene-Pliocene) in the Himalayan foot hills of western Nepal. <i>Palaeontographica, Abteilung B. Paläophytologie</i> 278(1-3): 13-70	† <i>Sterculia premontana</i>	Angiospermae: Sterculiaceae	NEPAL: Lumbini Zone*
Prasad, Mahesh; Pandey, Shivendra Mohan (2008) Plant diversity and climate during Siwalik (Miocene-Pliocene) in the Himalayan foot hills of western Nepal. <i>Palaeontographica, Abteilung B. Paläophytologie</i> 278(1-3): 13-70	† <i>Stigmaphyllon chorkholaensis</i>	Angiospermae: Malpighiaceae	NEPAL: Lumbini Zone*
Prasad, Mahesh; Pandey, Shivendra Mohan (2008) Plant diversity and climate during Siwalik (Miocene-Pliocene) in the Himalayan foot hills of western Nepal. <i>Palaeontographica, Abteilung B. Paläophytologie</i> 278(1-3): 13-70	† <i>Vatica nepalensis</i>	Angiospermae: Dipterocarpaceae	NEPAL: Lumbini Zone*
Prasad, Mahesh; Pandey, Shivendra Mohan (2008) Plant diversity and climate during Siwalik (Miocene-Pliocene) in the Himalayan foot hills of western Nepal. <i>Palaeontographica, Abteilung B. Paläophytologie</i> 278(1-3): 13-70	† <i>Xerospermum mioglabratum</i>	Angiospermae: Sapindaceae	NEPAL: Lumbini Zone*
Prasad, Mahesh; Pandey, Shivendra Mohan (2008) Plant diversity and climate during Siwalik (Miocene-Pliocene) in the Himalayan foot hills of western Nepal. <i>Palaeontographica, Abteilung B. Paläophytologie</i> 278(1-3): 13-70	† <i>Xylosma nepalensis</i>	Angiospermae: Flacourtiaceae	NEPAL: Lumbini Zone*
Prideaux, Gavin J.; Warburton, Natalie M. (2008) A new Pleistocene tree-kangaroo (Diprotodontia: Macropodidae) from the Nullarbor Plain of south-central Australia. <i>Journal of Vertebrate Paleontology</i> 28(2): 463-478	† <i>Bohra illuminata</i>	Mammalia: Diprotodontia: Macropodidae	AUSTRALIA: Western Australia*
Prince, Iain M.; Jarvis, Ian; Pearce, Martin A.; Tocher, Bruce A. (2008) Dinoflagellate cyst biostratigraphy of the Coniacian-Santonian (Upper Cretaceous): New data from the English Chalk. <i>Review of Palaeobotany and Palynology</i> 150(1-4): 59-96	† <i>Ellipsodinium membraniferum</i> Prince, Jarvis, Pearce & Tocher	Chromalveolata: Alveolata: Dinoflagellata: Gonyaulacales: fam. indet.	ENGLAND: Isle of Wight*
Prince, Iain M.; Jarvis, Ian; Pearce, Martin A.; Tocher, Bruce A. (2008) Dinoflagellate cyst biostratigraphy of the Coniacian-Santonian (Upper Cretaceous): New data from the English Chalk. <i>Review of Palaeobotany and Palynology</i> 150(1-4): 59-96	† <i>Ellipsodinium membraniferum</i> Prince, Jarvis, Pearce & Tocher	Chromalveolata: Alveolata: Dinoflagellata: Gonyaulacales: fam. indet.	ENGLAND: Kent*

Prince, Iain M.; Jarvis, Ian; Pearce, Martin A.; Tocher, Bruce A. (2008) Dinoflagellate cyst biostratigraphy of the Coniacian-Santonian (Upper Cretaceous): New data from the English Chalk. Review of Palaeobotany and Palynology 150(1-4): 59-96	† <i>Senoniasphaera macreticulata</i> Prince, Jarvis, Pearce & Tocher	Chromalveolata: Alveolata: Dinoflagellata: Gonyaulacales: Areoligeraceae	ENGLAND: Isle of Wight*
Prince, Iain M.; Jarvis, Ian; Pearce, Martin A.; Tocher, Bruce A. (2008) Dinoflagellate cyst biostratigraphy of the Coniacian-Santonian (Upper Cretaceous): New data from the English Chalk. Review of Palaeobotany and Palynology 150(1-4): 59-96	† <i>Senoniasphaera macreticulata</i> Prince, Jarvis, Pearce & Tocher	Chromalveolata: Alveolata: Dinoflagellata: Gonyaulacales: Areoligeraceae	ENGLAND: Kent*
Prince, Iain M.; Jarvis, Ian; Pearce, Martin A.; Tocher, Bruce A. (2008) Dinoflagellate cyst biostratigraphy of the Coniacian-Santonian (Upper Cretaceous): New data from the English Chalk. Review of Palaeobotany and Palynology 150(1-4): 59-96	† <i>Senoniasphaera whitenessii</i> Prince, Jarvis, Pearce & Tocher	Chromalveolata: Alveolata: Dinoflagellata: Gonyaulacales: Areoligeraceae	ENGLAND: Kent*
Prince, Iain M.; Jarvis, Ian; Pearce, Martin A.; Tocher, Bruce A. (2008) Dinoflagellate cyst biostratigraphy of the Coniacian-Santonian (Upper Cretaceous): New data from the English Chalk. Review of Palaeobotany and Palynology 150(1-4): 59-96	† <i>Xenascus spinatus</i> Prince, Jarvis, Pearce & Tocher	Chromalveolata: Alveolata: Dinoflagellata: Gonyaulacales: Cerataceae	ENGLAND: Isle of Wight*
Prince, Iain M.; Jarvis, Ian; Pearce, Martin A.; Tocher, Bruce A. (2008) Dinoflagellate cyst biostratigraphy of the Coniacian-Santonian (Upper Cretaceous): New data from the English Chalk. Review of Palaeobotany and Palynology 150(1-4): 59-96	† <i>Xenascus yunii</i> Prince, Jarvis, Pearce & Tocher	Chromalveolata: Alveolata: Dinoflagellata: Gonyaulacales: Cerataceae	ENGLAND: Kent*
Privé-Gill, Catherine; Cao, Nathanaël; Legrand, Philippe (2008) Fossil wood from alluvial deposits (reworked Oligocene) of Limagne at Bussières (Puy-de-Dôme, France). Review of Palaeobotany and Palynology 149(1-2): 73-84	† <i>Casearioxylon pelletieri</i>	Angiospermae: Flacourtiaceae	FRANCE: Auvergne Region*
Prokop, Rudolf J. (2008) <i>Ammonocrinus bulbosus</i> sp. n. (Crinoidea, Flexibilia) from the Lower Devonian Koněprusy Limestone, Barrandian area (Czech Republic). Journal of the National Museum (Prague) Natural History Series 177: 161-164	† <i>Ammonocrinus bulbosus</i>	Echinodermata: Crinoidea: Calycocrinidae	CZECH REPUBLIC: Central Bohemia*
Prokop, Rudolf J. (2008) <i>Eucalyptocrinites veles</i> sp. n. (Crinoidea, Camerata) from the Silurian of Bohemia (Czech Republic). Journal of the National Museum (Prague) Natural History Series 177: 33-36	† <i>Eucalyptocrinites veles</i>	Echinodermata: Crinoidea: Eucalyptocrinitidae	CZECH REPUBLIC: Central Bohemia*
Prokop, Rudolf J. (2008) <i>Holamptocrinus argutus</i> gen. et sp. n. (Crinoidea, col.) from the Lower Devonian (Dalejan) of the Barrandian area (Czech Republic). Journal of the National Museum (Prague) Natural History Series 177: 49-51	† <i>Holamptocrinus argutus</i>	Echinodermata: Crinoidea: Dichocrinidae	CZECH REPUBLIC: Prague City*
Prokop, Rudolf J.; Slámová, Radana (2008) New Crinoids (col.) from the Zlíchovian limestone (Lower Devonian, Lower Emsian) of the Barrandian area (Czech Republic). Journal of the National Museum (Prague) Natural History Series 177: 37-47	† <i>Bystrowicrinus vitiosus</i>	Echinodermata: Crinoidea: Bystrowicrinidae	CZECH REPUBLIC: Prague City*
Prokop, Rudolf J.; Slámová, Radana (2008) New Crinoids (col.) from the Zlíchovian limestone (Lower Devonian, Lower Emsian) of the Barrandian area (Czech Republic). Journal of the National Museum (Prague) Natural History Series 177: 37-47	† <i>Dimerocrinites lemenni</i>	Echinodermata: Crinoidea: Dimerocrinitidae	CZECH REPUBLIC: Prague City*

Prokop, Rudolf J.; Slámová, Radana (2008) New Crinoids (col.) from the Zlíhovian limestone (Lower Devonian, Lower Emsian) of the Barrandian area (Czech Republic). Journal of the National Museum (Prague) Natural History Series 177: 37-47	† <i>Ellipsocrinus hanusi</i>	Echinodermata: Crinoidea: fam. indet.	CZECH REPUBLIC: Prague City*
Puckett, T. Markham (2008) Ostracoda as indicators of vertebrate environments in the Middle Eocene Guys Hill Formation of Jamaica. Micropaleontology 54(2): 139-158	† <i>Cythereis? iturraldei</i> Puckett	Crustacea: Ostracoda: Platycopina: Hemicytheridae	JAMAICA: St. James Parish*
Puckett, T. Markham (2008) Ostracoda as indicators of vertebrate environments in the Middle Eocene Guys Hill Formation of Jamaica. Micropaleontology 54(2): 139-158	† <i>Cytherelloidea nebuloreticulata</i> Puckett	Crustacea: Ostracoda: Platycopina: Cytherellidae	JAMAICA: St. James Parish*
Puckett, T. Markham (2008) Ostracoda as indicators of vertebrate environments in the Middle Eocene Guys Hill Formation of Jamaica. Micropaleontology 54(2): 139-158	† <i>Hemicythere elongata</i> Puckett	Crustacea: Ostracoda: Platycopina: Hemicytheridae	JAMAICA: St. James Parish*
Puckett, T. Markham (2008) Ostracoda as indicators of vertebrate environments in the Middle Eocene Guys Hill Formation of Jamaica. Micropaleontology 54(2): 139-158	† <i>Orionina anteroexposita</i> Puckett	Crustacea: Ostracoda: Platycopina: Hemicytheridae	JAMAICA: St. James Parish*
Puckett, T. Markham (2008) Ostracoda as indicators of vertebrate environments in the Middle Eocene Guys Hill Formation of Jamaica. Micropaleontology 54(2): 139-158	† <i>Paracytheridea inflata</i> Puckett	Crustacea: Ostracoda: Platycopina: Cytheruridae	JAMAICA: St. James Parish*
Puckett, T. Markham (2008) Ostracoda as indicators of vertebrate environments in the Middle Eocene Guys Hill Formation of Jamaica. Micropaleontology 54(2): 139-158	† <i>Paracytheridea jamaicensis</i> Puckett	Crustacea: Ostracoda: Platycopina: Cytheruridae	JAMAICA: St. James Parish*
Puckett, T. Markham (2008) Ostracoda as indicators of vertebrate environments in the Middle Eocene Guys Hill Formation of Jamaica. Micropaleontology 54(2): 139-158	† <i>Quadracythere polycosta</i> Puckett	Crustacea: Ostracoda: Platycopina: Hemicytheridae	JAMAICA: St. James Parish*
Puckett, T. Markham (2008) Ostracoda as indicators of vertebrate environments in the Middle Eocene Guys Hill Formation of Jamaica. Micropaleontology 54(2): 139-158	† <i>Quadracythere robusta</i> Puckett	Crustacea: Ostracoda: Platycopina: Hemicytheridae	JAMAICA: St. James Parish*
Pujana, Roberto R.; Césari, Silvia N. (2008) Fossil woods in interglacial sediments from the Carboniferous Hoyada Verde Formation, San Juan Province, Argentina. Palaeontology 51(1):163-171	† <i>Cuyoxylon multipunctatus</i>	Angiospermae:	ARGENTINA: San Juan*
Qiao, Tuo; Zhu, Min (2008) [New species of Dipnoi (Sarcopterygii, Osteichthyes) from Lower Devonian of Yunnan, China]. Vertebrata Palasiatica 46(1): 71-80 (in Chinese)	† <i>Tarachomyxax multicostatus</i>	Osteichthyes: Sarcopterygii: Dipnoi:	CHINA: Yunnan*
Qiu, Zhu-Ding; Li, Qiang (2008) Late Miocene micromammals from the Qaidam Basin in the Qinghai-Xizang Plateau. Vertebrata Palasiatica 46(4): 284-306	† <i>Huerzelerimys exiguus</i>	Mammalia: Muridae	CHINA: Qinghai Province*

Qiu, Zhu-Ding; Zheng, Shao-Hua; Zhang, Zhao-Qun (2008) Sciurids and zapodids from the Late Miocene Bahe Formation, Lantian, Shaanxi. <i>Vertebrata Palasiatica</i> 46(2): 111-123	† <i>Eutamias lishanensis</i>	Mammalia: Sciuridae	CHINA: Shaanxi*
Qiu, Zhu-Ding; Zheng, Shao-Hua; Zhang, Zhao-Qun (2008) Sciurids and zapodids from the Late Miocene Bahe Formation, Lantian, Shaanxi. <i>Vertebrata Palasiatica</i> 46(2): 111-123	† <i>Lophocricetus xianensis</i>	Mammalia: Zapodidae	CHINA: Shaanxi*
Qiu, Zhu-Ding; Zheng, Shao-Hua; Zhang, Zhao-Qun (2008) Sciurids and zapodids from the Late Miocene Bahe Formation, Lantian, Shaanxi. <i>Vertebrata Palasiatica</i> 46(2): 111-123	† <i>Sciurotamias pusillus</i>	Mammalia: Sciuridae	CHINA: Shaanxi*
Quaglio, Fernanda; Anelli, Luiz E.; dos Santos, Paulo R.; Perinotto, José A. de J.; Rocha-Campos, Antonio C. (2008) Invertebrates from the Low Head Member (Polonez Cove Formation, Oligocene) at Vauréal Peak, King George Island, West Antarctica. <i>Antarctic Science</i> 20(2): 149-168	† <i>Adamussium auristriatum</i>	Mollusca: Bivalvia: Pterioda: Pectinidae	ANTARCTICA: King George Island*
Quaglio, Fernanda; Anelli, Luiz E.; dos Santos, Paulo R.; Perinotto, José A. de J.; Rocha-Campos, Antonio C. (2008) Invertebrates from the Low Head Member (Polonez Cove Formation, Oligocene) at Vauréal Peak, King George Island, West Antarctica. <i>Antarctic Science</i> 20(2): 149-168	† <i>Limatula (Antarctolima) ferraziana</i>	Mollusca: Bivalvia: Pterioda: Limidae	ANTARCTICA: King George Island*
Quintavalle, Marco; Playford, Geoffrey (2008) Stratigraphic distribution of selected acritarchs in the Ordovician subsurface, Canning Basin, Western Australia. <i>Revue de Micropaléontologie</i> 51(1): 23-37	† <i>Comasphaeridium setaricum</i>	Acritarcha-Ediacara	AUSTRALIA: Western Australia*
Quintavalle, Marco; Playford, Geoffrey (2008) Stratigraphic distribution of selected acritarchs in the Ordovician subsurface, Canning Basin, Western Australia. <i>Revue de Micropaléontologie</i> 51(1): 23-37	† <i>Polyancistrodorus kunzeanensis</i>	Acritarcha-Ediacara	AUSTRALIA: Western Australia*
Quintavalle, Marco; Playford, Geoffrey (2008) Stratigraphic distribution of selected acritarchs in the Ordovician subsurface, Canning Basin, Western Australia. <i>Revue de Micropaléontologie</i> 51(1): 23-37	† <i>Stelomorpha calix</i>	Acritarcha-Ediacara	AUSTRALIA: Western Australia*
Radulović, Vladan (2008) A new Pliensbachian rhynchonellide brachiopod from Livari (Rumija Mountain, Montenegro). <i>Fossils and Strata</i> 54: 183-192	† <i>Livariirhynchia rajkae</i>	Brachiopoda: ?Allorhynchidae	MONTENEGRO: Crna Gora*
Rage, Jean-Claude; Dutheil, Didier B. (2008) Amphibians and squamates from the Cretaceous (Cenomanian) of Morocco. A preliminary study, with description of a new genus of pipid frog. <i>Palaeontographica, Abteilung A. Paläozoologie, Stratigraphie</i> 285(1-3): 1-22	† <i>Oumtkoutia anae</i>	Amphibia: Anura: Pipidae	MOROCCO: (Kem Kem beds)
Rage, Jean-Claude; Folie, Annelise; Rana, Rajendra S.; Singh, Hukam; Rose, Kenneth D.; Smith, Thierry (2008) A diverse snake fauna from the early Eocene of Vastan Lignite Mine, Gujarat, India. <i>Acta Palaeontologica Polonica</i> 53(3): 391-403	† <i>Procerophis sahnii</i>	Reptilia: Squamata: Serpentes: Colubroidea: incertae sedis	INDIA: Gujarat*
Rage, Jean-Claude; Folie, Annelise; Rana, Rajendra S.; Singh, Hukam; Rose, Kenneth D.; Smith, Thierry (2008) A diverse snake fauna from the early Eocene of Vastan Lignite Mine, Gujarat, India. <i>Acta Palaeontologica Polonica</i> 53(3): 391-403	† <i>Russellophis crassus</i>	Reptilia: Squamata: Serpentes: Colubroidea: Russellophiidae	INDIA: Gujarat*

Rage, Jean-Claude; Folie, Annelise; Rana, Rajendra S.; Singh, Hukam; Rose, Kenneth D.; Smith, Thierry (2008) A diverse snake fauna from the early Eocene of Vastan Lignite Mine, Gujarat, India. <i>Acta Palaeontologica Polonica</i> 53(3): 391-403	† <i>Thaumastophis missiaeni</i>	Reptilia: Squamata: Serpentes: Caenophidia: incertae sedis	INDIA: Gujarat*
Raine, J. Ian (2008) Zonate lycophyte spores from New Zealand Cretaceous to Paleogene strata. <i>Alcheringa</i> 32(2): 99-127	† <i>Kraeuselisporites alexii</i>	Anteturma Sporites: Turma Triletes: Suprasubturma Acavatitriletes: Subturma Cingulati	NEW ZEALAND (additional localities not processed yet)
Raine, J. Ian (2008) Zonate lycophyte spores from New Zealand Cretaceous to Paleogene strata. <i>Alcheringa</i> 32(2): 99-127	† <i>Kraeuselisporites alexii</i>	Anteturma Sporites: Turma Triletes: Suprasubturma Acavatitriletes: Subturma Cingulati	NEW ZEALAND: Otago Region*
Raine, J. Ian (2008) Zonate lycophyte spores from New Zealand Cretaceous to Paleogene strata. <i>Alcheringa</i> 32(2): 99-127	† <i>Perotrilites otagoensis</i>	Anteturma Sporites: Turma Triletes: Suprasubturma Acavatitriletes: Subturma Cingulati	NEW ZEALAND (additional localities not processed yet)
Raine, J. Ian (2008) Zonate lycophyte spores from New Zealand Cretaceous to Paleogene strata. <i>Alcheringa</i> 32(2): 99-127	† <i>Perotrilites otagoensis</i>	Anteturma Sporites: Turma Triletes: Suprasubturma Acavatitriletes: Subturma Cingulati	NEW ZEALAND: Otago Region*
Rana, Rajendra S.; Kumar, Kishor; Escarguel, Gilles; Sahni, Ashok; Rose, Kenneth D.; Smith, Thierry; Singh, Hukam; Singh, Lachham (2008) An ailuravine rodent from the lower Eocene Cambay Formation at Vastan, western India, and its palaeobiogeographic implications. <i>Acta Palaeontologica Polonica</i> 53(1): 1-14	† <i>Melomys musak</i>	Mammalia: Rodentia: Ischyromyidae	INDIA: Gujarat*
Rankin, Brian D.; Stockey, Ruth A.; Beard, Graham (2008) Fruits of Icacinaceae from the Eocene Appian Way locality of Vancouver Island, British Columbia. <i>International Journal of Plant Sciences</i> 169(2): 305-314	† <i>Palaeophytocrene manchesteri</i> Rankin, Stockey & Beard	Angiospermae: Icacinaceae	CANADA: British Columbia*
Rankin, Brian D.; Stockey, Ruth A.; Beard, Graham (2008) Fruits of Icacinaceae from the Eocene Appian Way locality of Vancouver Island, British Columbia. <i>International Journal of Plant Sciences</i> 169(2): 305-314	† <i>Palaeophytocrene vancouverensis</i> Rankin, Stockey & Beard	Angiospermae: Icacinaceae	CANADA: British Columbia*
Rasnitsyn, A.P. (2008) New hymenopteran insects (Insecta: Vespida) from the Lower or Middle Jurassic of India. <i>Paleontological Journal</i> 42(1): 81-85 [<i>Paleontologicheskii Zhurnal</i> 2008(1): 84-87 (in Russian)]	† <i>Kotaphialtites frankmortoni</i> Rasnitsyn	Vespida: Vespina: Ephialtitidae	INDIA: Andhra Pradesh*
Rasnitsyn, A.P. (2008) New hymenopteran insects (Insecta: Vespida) from the Lower or Middle Jurassic of India. <i>Paleontological Journal</i> 42(1): 81-85 [<i>Paleontologicheskii Zhurnal</i> 2008(1): 84-87 (in Russian)]	† <i>Xyelula alexandri</i> Rasnitsyn	Vespida: Siricina: Sepulcidae	INDIA: Andhra Pradesh*

Rees, Jan; Underwood, Charlie J. (2008) Hybodont sharks of the English Bathonian and Callovian (Middle Jurassic). <i>Palaeontology</i> 51(1):117-147	† <i>Egertonodus duffini</i>	Chondrichthyes: Elasmobranchii: Hybodontidae	ENGLAND: Oxfordshire*(said to be "widespread in England" and many "sample sites" listed, but not matched with this species)
Rees, Jan; Underwood, Charlie J. (2008) Hybodont sharks of the English Bathonian and Callovian (Middle Jurassic). <i>Palaeontology</i> 51(1):117-147	† <i>Planohybodus peterboroughensis</i>	Chondrichthyes: Elasmobranchii: Hybodontidae	ENGLAND: Peterborough*
Rees, Jan; Underwood, Charlie J. (2008) Hybodont sharks of the English Bathonian and Callovian (Middle Jurassic). <i>Palaeontology</i> 51(1):117-147	† <i>Planohybodus peterboroughensis</i>	Chondrichthyes: Elasmobranchii: Hybodontidae	ENGLAND: Yorkshire*
Reguero, Marcelo A.; Croft, Darin C.; López, Guillermo M.; Alonso, Ricardo N. (2008) Eocene archaeohyracids (Mammalia: Notoungulata: Hegetotheria) from the Puna, northwest Argentina. <i>Journal of South American Earth Sciences</i> 26(2): 225-233	† <i>Punahyrax bondesioi</i>	Mammalia: Notoungulata: Hegetotheria: Archaeohyracidae	ARGENTINA: Catamarca Province*
Reguero, Marcelo A.; Croft, Darin C.; López, Guillermo M.; Alonso, Ricardo N. (2008) Eocene archaeohyracids (Mammalia: Notoungulata: Hegetotheria) from the Puna, northwest Argentina. <i>Journal of South American Earth Sciences</i> 26(2): 225-233	† <i>Punahyrax bondesioi</i>	Mammalia: Notoungulata: Hegetotheria: Archaeohyracidae	ARGENTINA: Salta Province*
Ren, D.; Engel, M.S. (2008) A second antlion from the Mesozoic of northeastern China (Neuroptera: Myrmeleontidae). <i>Alavesia</i> 2: 183-186	† <i>Choromyrmeleon aspoekorum</i>	Neuroptera: Myrmeleontidae	CHINA: Liaoning*
Ren, Dong; Engel, Michael S. (2008) Aetheogrammatidae, a new family of lacewings from the Mesozoic of China (Neuroptera: Myrmeleontiformia). <i>Journal of the Kansas Entomological Society</i> 81(3):161-167	† <i>Aetheogramma speciosa</i> Ren & Engel	Neuroptera: Myrmeleontiformia: Aetheogrammatidae	CHINA: Liaoning*
Ren, Dong; Nel, André; Prokop, Jakub (2008) New early griffenfly, <i>Sinomeganeura huangheensis</i> from the Late Carboniferous of northern China (Meganisoptera: Meganeuridae). <i>Insect Systematics and Evolution</i> 39(2): 223-229	† <i>Sinomeganeura huangheensis</i> Prokop, Nel & Ren	Odonatoptera: Meganeuridae	CHINA: Ningxia*
Repin, Yu.S. (2008) New bivalves from the Jurassic of Iran. <i>Paleontological Journal</i> 42(3): 243-250 [<i>Paleontologicheskii Zhurnal</i> 2008(3): 24-29 (in Russian)]	† <i>Astarte persipulla</i> Repin	Mollusca: Bivalvia: Heterodonta: Astartidae	IRAN: Tehran or Yazd Province*
Repin, Yu.S. (2008) New bivalves from the Jurassic of Iran. <i>Paleontological Journal</i> 42(3): 243-250 [<i>Paleontologicheskii Zhurnal</i> 2008(3): 24-29 (in Russian)]	† <i>Gervillaria (Platygervillaria) alifera</i> Repin	Mollusca: Bivalvia: Bakevellidae	IRAN: Tehran or Yazd Province*
Repin, Yu.S. (2008) New bivalves from the Jurassic of Iran. <i>Paleontological Journal</i> 42(3): 243-250 [<i>Paleontologicheskii Zhurnal</i> 2008(3): 24-29 (in Russian)]	† <i>Gissaromya abramovi</i> Repin	Mollusca: Bivalvia: Anomalodesmata: Pholadomyoidae	IRAN: Tehran or Yazd Province*
Repin, Yu.S. (2008) New bivalves from the Jurassic of Iran. <i>Paleontological Journal</i> 42(3): 243-250 [<i>Paleontologicheskii Zhurnal</i> 2008(3): 24-29 (in Russian)]	† <i>Inoperna (Inoperna) striata</i> Repin	Mollusca: Bivalvia: Lithophagidae	IRAN: Mazandaran Province*

Repin, Yu.S. (2008) New bivalves from the Jurassic of Iran. Paleontological Journal 42(3): 243-250 [Paleontologicheskii Zhurnal 2008(3): 24-29 (in Russian)]	† <i>Inoperna (Inoperna) striata</i> Repin	Mollusca: Bivalvia: Lithophagidae	IRAN: Tehran or Yazd Province*
Repin, Yu.S. (2008) New bivalves from the Jurassic of Iran. Paleontological Journal 42(3): 243-250 [Paleontologicheskii Zhurnal 2008(3): 24-29 (in Russian)]	† <i>Isognomon (Iranognomon) arkelli</i> Repin	Mollusca: Bivalvia: Isognomonidae	IRAN: Tehran or Yazd Province*
Repin, Yu.S. (2008) New bivalves from the Jurassic of Iran. Paleontological Journal 42(3): 243-250 [Paleontologicheskii Zhurnal 2008(3): 24-29 (in Russian)]	† <i>Mytilaster (Persiaster) ancestralis</i> Repin	Mollusca: Bivalvia: Mytilidae	IRAN: Tehran or Yazd Province*
Repin, Yu.S. (2008) New bivalves from the Jurassic of Iran. Paleontological Journal 42(3): 243-250 [Paleontologicheskii Zhurnal 2008(3): 24-29 (in Russian)]	† <i>Orthotrigonia fazli</i> Repin	Mollusca: Bivalvia: Palaeoheterodonta: Trigoniidae	IRAN: Tehran or Yazd Province*
Riff, Douglas; Aguilera, Orangel A. (2008) The world's largest gharials <i>Gryposuchus</i> : Description of <i>G. croizati</i> n. sp. (Crocodylia, Gavialidae) from the Upper Miocene Urumaco Formation, Venezuela. Paläontologische Zeitschrift 82(2): 178-195	† <i>Gryposuchus croizati</i>	Reptilia: Crocodylia: Gavialoidea: Gavialidae	VENEZUELA: Falcón*
Rigby, J. Keith; McKinzie, Mark G.; Britt, Brooks B. (2008) Pennsylvanian sponges from the Graford Formation, Wise County, Texas. Journal of Paleontology 82(3): 492-510	† <i>Dermosphaeroidalis irregularis</i>	Porifera: Hexactinellida: Amphidiscosa: Stiodermatidae	USA: Texas: Wise County*
Rigby, J. Keith; McKinzie, Mark G.; Britt, Brooks B. (2008) Pennsylvanian sponges from the Graford Formation, Wise County, Texas. Journal of Paleontology 82(3): 492-510	† <i>Luterospongia texana</i>	Porifera: Demospongea: Protomonaxonida: ?Sollasellidae	USA: Texas: Wise County*
Rigby, J. Keith; Rohr, David M.; Blodgett, Robert B.; Britt, Brooks B. (2008) Silurian sponges and some associated fossils from the Heceta Limestone, Prince of Wales Island, southeastern Alaska. Journal of Paleontology 82(1): 91-101	† <i>Alaskaspongiella laminosa</i>	Porifera: Demospongiae: Auriculospongiidae	ALASKA
Rigby, J. Keith; Rohr, David M.; Blodgett, Robert B.; Britt, Brooks B. (2008) Silurian sponges and some associated fossils from the Heceta Limestone, Prince of Wales Island, southeastern Alaska. Journal of Paleontology 82(1): 91-101	† <i>Cladospongia alaskensis</i>	Porifera: Demospongiae: Preperonidellidae	ALASKA
Rigby, J. Keith; Rohr, David M.; Blodgett, Robert B.; Britt, Brooks B. (2008) Silurian sponges and some associated fossils from the Heceta Limestone, Prince of Wales Island, southeastern Alaska. Journal of Paleontology 82(1): 91-101	† <i>Monolaminospongia gigantia</i>	Porifera: Demospongiae: Auriculospongiidae	ALASKA
Rigby, J. Keith; Rohr, David M.; Blodgett, Robert B.; Britt, Brooks B. (2008) Silurian sponges and some associated fossils from the Heceta Limestone, Prince of Wales Island, southeastern Alaska. Journal of Paleontology 82(1): 91-101	† <i>Polyplacospongia nodosa</i>	Porifera: Demospongiae: Auriculospongiidae	ALASKA
Rigby, J. Keith; Rohr, David M.; Blodgett, Robert B.; Britt, Brooks B. (2008) Silurian sponges and some associated fossils from the Heceta Limestone, Prince of Wales Island, southeastern Alaska. Journal of Paleontology 82(1): 91-101	† <i>Stipespongia laminata</i>	Porifera: Demospongiae: Preperonidellidae	ALASKA
Rigby, J. Keith; Rohr, David M.; Blodgett, Robert B.; Britt, Brooks B. (2008) Silurian sponges and some associated fossils from the Heceta Limestone, Prince of Wales Island, southeastern Alaska. Journal of Paleontology 82(1): 91-101	† <i>Turbospongia biperforata</i>	Porifera: Demospongiae: fam. indet.	ALASKA

Rigby, J. Keith; Rohr, David M.; Blodgett, Robert B.; Britt, Brooks B. (2008) Silurian sponges and some associated fossils from the Heceta Limestone, Prince of Wales Island, southeastern Alaska. <i>Journal of Paleontology</i> 82(1): 91-101	† <i>Virgulaspongia uniforma</i>	Porifera: Demospongiae: Preperonidellidae	ALASKA
Rikkinen, Jouko; Poinar, George O., Jr. (2008) A new species of <i>Phyllopsora</i> (Lecanorales, lichen-forming Ascomycota) from Dominican amber, with remarks on the fossil history of lichens. <i>Journal of Experimental Botany</i> 59(5): 1007-1011	† <i>Phyllopsora dominicanus</i>	Fungi: [I] Ascomycota: Lecanorales: Bacidiaceae	DOMINICAN REPUBLIC: (Cordillera Septentrional)
Rinderknecht, Andrés; Blanco, R. Ernesto (2008) The largest fossil rodent. <i>Proceedings of the Royal Society. B. Biological Sciences</i> 275(1637): 923-928	† <i>Josephoartigasia monesi</i>	Mammalia: Rodentia: Dinomyidae	URUGUAY: San José*
Roberts, Karen Kristine; Bassarova, Mina; Archer, Michael (2008) Oligo-Miocene ringtail possums of the genus <i>Paljara</i> (Pseudocheiridae: Marsupialia) from Queensland, Australia. <i>Geobios</i> 41(6): 833-844	† <i>Paljara hushae</i>	Mammalia: Marsupialia: Pseudocheiridae	AUSTRALIA: Queensland*
Robinson, Jeffrey H.; Lee, Daphne E. (2008) Brachiopod pedicle traces: Recognition of three separate types of trace and redefinition of <i>Podichnus centrifugalis</i> Bromley & Surlyk, 1973. <i>Fossils and Strata</i> 54: 219-225	† <i>Podichnus obliquus</i> ichnosp. nov.	Brachiopoda: fam. indet.	NEW ZEALAND: North Otago*
Robinson, Jeffrey H.; Lee, Daphne E. (2008) Brachiopod pedicle traces: Recognition of three separate types of trace and redefinition of <i>Podichnus centrifugalis</i> Bromley & Surlyk, 1973. <i>Fossils and Strata</i> 54: 219-225	† <i>Podichnus perpendicularis</i> ichnosp. nov.	Brachiopoda: fam. indet.	NEW ZEALAND: Canterbury Region*
Roesler, Guilherme Arsego; Iannuzzi, Roberto; Boardman, Daiana Rockenbach; Baroni, Claudia Leticia (2008) Uma nova espécie de <i>Phyllothea</i> Brongniart (Townrow) no Permiano Inferior da Bacia do Paraná, RS. <i>Gaea</i> 4(1): 14-23	† <i>Phyllothea brevifolia</i> Roesler, Iannuzzi & Boardman	Pteridophyta: Equisetales: Phyllotheaceae	BRAZIL: Rio Grande do Sul*
Rohr, David M.; Blodgett, Robert B. (2008) Silurian Gastropoda from the Alexander Terrane, southeast Alaska. <i>In: The Terrane Puzzle: New Perspectives on Paleontology and Stratigraphy from the North American Cordillera</i> . R.B. Blodgett and G.D. Stanley, Jr., eds. Geological Society of America Special Paper 442. Geological Society of America: Boulder, CO, pp. 51-61	† <i>Baichtalia tongassensis</i>	Mollusca: Gastropoda: Plethospiridae	ALASKA
Rohr, David M.; Blodgett, Robert B. (2008) Silurian Gastropoda from the Alexander Terrane, southeast Alaska. <i>In: The Terrane Puzzle: New Perspectives on Paleontology and Stratigraphy from the North American Cordillera</i> . R.B. Blodgett and G.D. Stanley, Jr., eds. Geological Society of America Special Paper 442. Geological Society of America: Boulder, CO, pp. 51-61	† <i>Hecetastoma gehrelsi</i>	Mollusca: Gastropoda: Oriostomatidae	ALASKA
Rohr, David M.; Blodgett, Robert B.; Frýda, Jiří (2008) Silurian Gastropoda from southeastern and west-central Alaska. <i>Journal of Paleontology</i> 82(3): 604-611	† <i>Haplospira craigi</i>	Mollusca: Gastropoda: Straparollinidae	ALASKA
Rohr, David M.; Blodgett, Robert B.; Frýda, Jiří (2008) Silurian Gastropoda from southeastern and west-central Alaska. <i>Journal of Paleontology</i> 82(3): 604-611	† <i>Medfrazyga gilmulli</i>	Mollusca: Gastropoda: Palaeozygopleuridae	ALASKA
Rohr, David M.; Blodgett, Robert B.; Frýda, Jiří (2008) Silurian Gastropoda from southeastern and west-central Alaska. <i>Journal of Paleontology</i> 82(3): 604-611	† <i>Morania nixonforkensis</i>	Mollusca: Gastropoda: Murchisoniidae	ALASKA

Rohr, David M.; Blodgett, Robert B.; Frýda, Jiří (2008) Silurian Gastropoda from southeastern and west-central Alaska. <i>Journal of Paleontology</i> 82(3): 604-611	† <i>Morania wagneri</i>	Mollusca: Gastropoda: Murchiisoniidae	ALASKA
Rohr, David M.; Blodgett, Robert B.; Frýda, Jiří (2008) Silurian Gastropoda from southeastern and west-central Alaska. <i>Journal of Paleontology</i> 82(3): 604-611	† <i>Spinicharybdis boucoti</i>	Mollusca: Gastropoda: Euomphalopteridae	ALASKA
Rohr, David M.; Blodgett, Robert B.; Frýda, Jiří (2008) Silurian Gastropoda from southeastern and west-central Alaska. <i>Journal of Paleontology</i> 82(3): 604-611	† <i>Spinicharybdis krizi</i>	Mollusca: Gastropoda: Euomphalopteridae	ALASKA
Roniewicz, Ewa (2008) Kimmeridgian-Valanginian reef corals from the Moesian Platform from Bulgaria. <i>Annales Societatis Geologorum Poloniae</i> 78(2): 91-134	† <i>Epistreptum communeformae</i>	Cnidaria: Anthozoa: Scleractinia: Faviina: Dermosmiliidae	POLAND: Świętokrzyskie Voivodeship*
Roniewicz, Ewa (2008) Kimmeridgian-Valanginian reef corals from the Moesian Platform from Bulgaria. <i>Annales Societatis Geologorum Poloniae</i> 78(2): 91-134	† <i>Epistreptum communeformae</i>	Cnidaria: Anthozoa: Scleractinia: Faviina: Dermosmiliidae	ROMANIA: (Dobrogea -- a historical region including parts of current Constanta and Tulcea counties)
Roniewicz, Ewa (2008) Kimmeridgian-Valanginian reef corals from the Moesian Platform from Bulgaria. <i>Annales Societatis Geologorum Poloniae</i> 78(2): 91-134	† <i>Latomeandra obliqua</i>	Cnidaria: Anthozoa: Scleractinia: Microsolenina: Latomeandridae	BULGARIA: Pernik Province*
Roniewicz, Ewa (2008) Kimmeridgian-Valanginian reef corals from the Moesian Platform from Bulgaria. <i>Annales Societatis Geologorum Poloniae</i> 78(2): 91-134	† <i>Lyubasha gracilis</i>	Cnidaria: Anthozoa: Scleractinia: Faviina: Misistellidae	BULGARIA: Pernik Province*
Roniewicz, Ewa (2008) Kimmeridgian-Valanginian reef corals from the Moesian Platform from Bulgaria. <i>Annales Societatis Geologorum Poloniae</i> 78(2): 91-134	† <i>Microphyllia elevata</i>	Cnidaria: Anthozoa: Scleractinia: Microsolenina: Latomeandridae	BULGARIA: Pernik Province*
Roniewicz, Ewa (2008) Kimmeridgian-Valanginian reef corals from the Moesian Platform from Bulgaria. <i>Annales Societatis Geologorum Poloniae</i> 78(2): 91-134	† <i>Oedalmiopsis cretacea</i>	Cnidaria: Anthozoa: Scleractinia: Rhipidogyrina: Aulastreaoporidae	BULGARIA: Pernik Province*
Roniewicz, Ewa (2008) Kimmeridgian-Valanginian reef corals from the Moesian Platform from Bulgaria. <i>Annales Societatis Geologorum Poloniae</i> 78(2): 91-134	† <i>Siderastreites lyalintensis</i>	Cnidaria: Anthozoa: Scleractinia: Fungiina: Siderastraeidae	BULGARIA: Pernik Province*
Roniewicz, Ewa (2008) Kimmeridgian-Valanginian reef corals from the Moesian Platform from Bulgaria. <i>Annales Societatis Geologorum Poloniae</i> 78(2): 91-134	† <i>Synastrea microsolenoides</i>	Cnidaria: Anthozoa: Scleractinia: Microsolenina: Synastreidae	BULGARIA: Pernik Province*

Rosso, Antonietta (2008) <i>Leptichnus tortus</i> isp. nov., a new cheilostome etching and comments on other bryozoan-produced trace fossils. Studi Trentini di Scienze Naturali. Acta Geologica 83: 75-85	† <i>Leptichnus tortus</i> isp.n.	Bryozoa: fam. indet.	ITALY: Apulia Region* (Lecce Province)
Rozanov, A.Yu.; Astafieva, M.M. (2008) Prasinophyceae (green algae) from the Lower Proterozoic of the Kola Peninsula. Paleontological Journal 42(4): 425-430 [Paleontologicheskii Zhurnal 2008(4): 90-93 (in Russian)]	† <i>Pechengia melezhiki</i> Rozanov & Astafieva	Chlorophyta: Prasinophyceae	RUSSIA: Murmansk Oblast*
Rozynek, Brigitte (2008) <i>Schozachia donaea</i> n. gen., n. sp., a new cycad megasporophyll from the Middle Triassic (Ladinian) of southern Germany. Palaeodiversity 1: 1-17	† <i>Schozachia donaea</i> Rozynek	Cycadopsida: Cycadales: fam. indet.	GERMANY: Baden-Württemberg*
Rudkin, David M.; Young, Graham A.; Nowlan, Godfrey S. (2008) The oldest horseshoe crab: A new xiphosurid from Late Ordovician Konservat-Lagerstätten deposits, Manitoba, Canada. Palaeontology 51(1):1-9	† <i>Lunataspis aurora</i>	Crustacea: Xiphosuria: Xiphosurida: fam. indet.	CANADA: Manitoba*
Rust, Jes; Petrilevičius, Julian F.; Nel, André (2008) The first damselflies from the lowermost Eocene of Denmark, with a description of a new subfamily (Odonata, Zygoptera: Dysagrionidae). Palaeontology 51(3):709-713	† <i>Eodysagrion mikkelsenii</i>	Odonata: Zygoptera: Amphipterygida: Dysagrionidae	DENMARK: (Fur Formation, "mo clay")
Rust, Jes; Petrilevičius, Julian F.; Nel, André (2008) The first damselflies from the lowermost Eocene of Denmark, with a description of a new subfamily (Odonata, Zygoptera: Dysagrionidae). Palaeontology 51(3):709-713	† <i>Primorilestes madseni</i>	Odonata: Zygoptera: Amphipterygida: Dysagrionidae	DENMARK: (Fur Formation, "mo clay")
Said, Ismail; Rodríguez, Sergio (2008) Descripción de los corales aulophyllidos del Viseense y Serpujoviense del área de Adarouch (Marruecos). Coloquios de Paleontología 58: 13-40	† <i>Clisiophyllum macrocolumellatum</i> Said & Rodríguez	Cnidaria: Anthozoa: Aulophyllidae	MOROCCO: Meknès-Tafilalet*
Sakurai, Kazuhiko; Kimura, Masaichi; Kato, Takayuki (2008) A new penguin-like bird (Pelecaniformes: Plotopteridae) from the Late Oligocene Tokoro Formation, northeastern Hokkaido, Japan. Oryctos 7: 83-94	† <i>Hokkaidornis abashiriensis</i>	Aves: Pelecaniformes: Plotopteridae	JAPAN: Hokkaido Prefecture*
Salamon, Mariusz A. (2008) Jurassic cyrtocrinids (Cyrtocrinida, Crinoidea) from extra-Carpathian, Poland. Palaeontographica, Abteilung A. Paläozoologie, Stratigraphie 285(4-6): 77-99	† <i>Fischericrinus ausichi</i>	Echinodermata: Crinoidea: Articulata: Cyrtocrinida: Cyrtocrinina: fam. indet.	POLAND: Lesser Poland Voivodeship*
Salamon, Mariusz A. (2008) The Callovian (Middle Jurassic) crinoids from northern Lithuania. Paläontologische Zeitschrift 82(3): 269-278	† <i>Palaeocomaster jaegeri</i>	Echinodermata: Crinoidea: Comatulida: Solanocrinitidae	LITHUANIA: Šiauliai County*
Salgado, Leonardo; Carvalho, Ismar de Souza (2008) <i>Uberabatitan ribeiroi</i> , a new titanosaur from the Marília Formation (Bauru Group, Upper Cretaceous), Minas Gerais, Brazil. Palaeontology 51(4):881-901	† <i>Uberabatitan ribeiroi</i>	Reptilia: Diapsida: Dinosauria: Saurischia: Sauropoda: Titanosauria: fam. indet.	BRAZIL: Minas Gerais*

Salvi, Juliana; Jasper, André; Ricardi-Branco, Fresia; Bernardes-de Oliveira, Mary Elizabeth C.; Guerra-Sommer, Margot (2008) Record of the genus <i>Lycopodites</i> in the Lower Permian of Paraná Basin, Brazil. <i>Anais da Academia Brasileira de Ciências</i> 80(3): 553-563	† <i>Lycopodites riograndensis</i>	Lycopsida: Lycopodiaceae	BRAZIL: Rio Grande do Sul*
Samant, Bandana; Mohabey, D.M.; Kapgate, D.K. (2008) Palynofloral record from Singpur Intertrappean, Chhindwara District, Madhya Pradesh: Implication for Late Cretaceous stratigraphic correlation and resolution. <i>Journal of the Geological Society of India</i> 71(6): 851-858	† <i>Scabrostephanocolpites intertrappea</i>	Anteturma Variegerminantes: Plicates: Polyptyches: Stephanocolpati	INDIA: Madhya Pradesh*
Samant, Bandana; Mohabey, D.M.; Kapgate, D.K. (2008) Palynofloral record from Singpur Intertrappean, Chhindwara District, Madhya Pradesh: Implication for Late Cretaceous stratigraphic correlation and resolution. <i>Journal of the Geological Society of India</i> 71(6): 851-858	† <i>Scabrostephanocolpites singpurensis</i>	Anteturma Variegerminantes: Plicates: Polyptyches: Stephanocolpati	INDIA: Madhya Pradesh*
Sánchez, Israel M.; Morales, Jorge (2008) <i>Micromeryx azanzae</i> sp. nov. (Ruminantia: Moschidae) from the Middle-Upper Miocene of Spain, and the first description of the cranium of <i>Micromeryx</i> . <i>Journal of Vertebrate Paleontology</i> 28(3): 873-885	† <i>Micromeryx azanzae</i>	Mammalia: Ruminantia: Moschidae	SPAIN: Aragon Autonomous Community* (Zaragoza Province)
Sánchez, Teresa M. (2008) The early bivalve radiation in the Ordovician Gondwanan basins of Argentina. <i>Alcheringa</i> 32(3): 223-246	† <i>Babinka notica</i>	Mollusca: Bivalvia: Babinkidae	ARGENTINA: Jujuy*
Sánchez, Teresa M. (2008) The early bivalve radiation in the Ordovician Gondwanan basins of Argentina. <i>Alcheringa</i> 32(3): 223-246	† <i>Eoredonia orientalis</i>	Mollusca: Bivalvia: Redoniidae	ARGENTINA: Jujuy*
Sarkar, Sudipta; Gupta, Anil K. (2008) Five new species of benthic foraminifera from upper Pleistocene sequence in ODP Hole 716A, Maldives Ridge, equatorial Indian Ocean. <i>Micropaleontology</i> 54(2): 176-184	† <i>Acostinella sahaii</i> Sarkar & Gupta	Rhizaria: Foraminiferida: Rotaliina: Reussellidae	INDIAN OCEAN: Maldives Ridge
Sarkar, Sudipta; Gupta, Anil K. (2008) Five new species of benthic foraminifera from upper Pleistocene sequence in ODP Hole 716A, Maldives Ridge, equatorial Indian Ocean. <i>Micropaleontology</i> 54(2): 176-184	† <i>Adelosina bhallai</i> Sarkar & Gupta	Rhizaria: Foraminiferida: Miliolina: Spiroloculinidae	INDIAN OCEAN: Maldives Ridge
Sarkar, Sudipta; Gupta, Anil K. (2008) Five new species of benthic foraminifera from upper Pleistocene sequence in ODP Hole 716A, Maldives Ridge, equatorial Indian Ocean. <i>Micropaleontology</i> 54(2): 176-184	† <i>Hofkeruva sahaii</i> Sarkar & Gupta	Rhizaria: Foraminiferida: Rotaliina: Uvigerinidae	INDIAN OCEAN: Maldives Ridge
Sarkar, Sudipta; Gupta, Anil K. (2008) Five new species of benthic foraminifera from upper Pleistocene sequence in ODP Hole 716A, Maldives Ridge, equatorial Indian Ocean. <i>Micropaleontology</i> 54(2): 176-184	† <i>Siphonaperta bhallai</i> Sarkar & Gupta	Rhizaria: Foraminiferida: Miliolina: Hauerinidae	INDIAN OCEAN: Maldives Ridge
Sarkar, Sudipta; Gupta, Anil K. (2008) Five new species of benthic foraminifera from upper Pleistocene sequence in ODP Hole 716A, Maldives Ridge, equatorial Indian Ocean. <i>Micropaleontology</i> 54(2): 176-184	† <i>Triloculinella bhallai</i> Sarkar & Gupta	Rhizaria: Foraminiferida: Miliolina: Hauerinidae	INDIAN OCEAN: Maldives Ridge

Sartenaer, Paul (2008) <i>Parallelepipedorhynchus castellum</i> , a new late Frasnian rhynchonellid brachiopod species from Trélon (Dinant Basin, France). Bulletin de l'Institut Royal des Sciences Naturelles de Belgique, Sciences de la Terre 78: 67-73	† <i>Parallelepipedorhynchus castellum</i>	Brachiopoda: Parallelepipedorhynchidae	FRANCE: Nord-Pas-de-Calais Region* (Nord Department)
Sarzetti, Laura C.; Labandeira, Conrad C.; Genise, Jorge F. (2008) A leafcutter bee trace fossil from the Middle Eocene of Patagonia, Argentina, and a review of megachilid (Hymenoptera) ichnology. Palaeontology 51(4):933-941	† <i>Phagophytichnus pseudocircus</i> isp.n.	Hymenoptera: Megachilidae	ARGENTINA: Río Negro Province*
Sato, Tadashi; Taketani, Yojiro (2008) Late Jurassic to Early Cretaceous ammonite fauna from the Somanakamura Group in Northeast Japan. Paleontological Research 12(3): 261-282	† <i>Aulacosphinctoides tairai</i>	Mollusca: Ammonoidea: Ammonitina: Perisphinctacea: Ataxioceratidae	JAPAN: Fukushima Prefecture*
Sato, Tadashi; Taketani, Yojiro (2008) Late Jurassic to Early Cretaceous ammonite fauna from the Somanakamura Group in Northeast Japan. Paleontological Research 12(3): 261-282	† <i>Dalmasiceras muneoi</i>	Mollusca: Ammonoidea: Ammonitina: Perisphinctacea: Neocomitidae	JAPAN: Fukushima Prefecture*
Sato, Tadashi; Taketani, Yojiro (2008) Late Jurassic to Early Cretaceous ammonite fauna from the Somanakamura Group in Northeast Japan. Paleontological Research 12(3): 261-282	† <i>Subdichotomoceras chisatoi</i>	Mollusca: Ammonoidea: Ammonitina: Perisphinctacea: Ataxioceratidae	JAPAN: Fukushima Prefecture*
Sato, Tamaki; Wu, Xiao-chun (2008) A new Jurassic pliosaur from Melville Island, Canadian Arctic Archipelago. Canadian Journal of Earth Sciences 45(3): 303-320	† <i>Borealonectes russelli</i>	Sauropsida: Sauropterygia: Rhomaleosauridae	CANADA: Northwest Territories*
Saul, LouElla R.; Squires, Richard L. (2008) Cretaceous trichotropid gastropods from the Pacific slope of North America: Possible pathways to calyptraeid morphology. Nautilus 122(3): 115-142	† <i>Ariadnaria ainikta</i>	Mollusca: Gastropoda: Trichotropidae	USA: California: Shasta County*
Saul, LouElla R.; Squires, Richard L. (2008) Cretaceous trichotropid gastropods from the Pacific slope of North America: Possible pathways to calyptraeid morphology. Nautilus 122(3): 115-142	† <i>Ariadnaria aldersoni</i>	Mollusca: Gastropoda: Trichotropidae	USA: California: Fresno County*
Saul, LouElla R.; Squires, Richard L. (2008) Cretaceous trichotropid gastropods from the Pacific slope of North America: Possible pathways to calyptraeid morphology. Nautilus 122(3): 115-142	† <i>Ariadnaria stibara</i>	Mollusca: Gastropoda: Trichotropidae	USA: California: Shasta County*
Saul, LouElla R.; Squires, Richard L. (2008) Cretaceous trichotropid gastropods from the Pacific slope of North America: Possible pathways to calyptraeid morphology. Nautilus 122(3): 115-142	† <i>Garzasia diablo</i>	Mollusca: Gastropoda: Trichotropidae	USA: California: Merced County*
Saul, LouElla R.; Squires, Richard L. (2008) Cretaceous trichotropid gastropods from the Pacific slope of North America: Possible pathways to calyptraeid morphology. Nautilus 122(3): 115-142	† <i>Garzasia diablo</i>	Mollusca: Gastropoda: Trichotropidae	USA: California: Stanislaus County*
Saul, LouElla R.; Squires, Richard L. (2008) Cretaceous trichotropid gastropods from the Pacific slope of North America: Possible pathways to calyptraeid morphology. Nautilus 122(3): 115-142	† <i>Lysis jalamaca</i>	Mollusca: Gastropoda: Trichotropidae	MEXICO: Baja California*

Saul, LouElla R.; Squires, Richard L. (2008) Cretaceous trichotropid gastropods from the Pacific slope of North America: Possible pathways to calyptraeid morphology. <i>Nautilus</i> 122(3): 115-142	† <i>Lysis jalamaca</i>	Mollusca: Gastropoda: Trichotropidae	USA: California: Los Angeles County*
Saul, LouElla R.; Squires, Richard L. (2008) Cretaceous trichotropid gastropods from the Pacific slope of North America: Possible pathways to calyptraeid morphology. <i>Nautilus</i> 122(3): 115-142	† <i>Lysis jalamaca</i>	Mollusca: Gastropoda: Trichotropidae	USA: California: San Diego County*
Saul, LouElla R.; Squires, Richard L. (2008) Cretaceous trichotropid gastropods from the Pacific slope of North America: Possible pathways to calyptraeid morphology. <i>Nautilus</i> 122(3): 115-142	† <i>Lysis jalamaca</i>	Mollusca: Gastropoda: Trichotropidae	USA: California: Santa Barbara County*
Saul, LouElla R.; Squires, Richard L. (2008) Cretaceous trichotropid gastropods from the Pacific slope of North America: Possible pathways to calyptraeid morphology. <i>Nautilus</i> 122(3): 115-142	† <i>Lysis jalamaca</i>	Mollusca: Gastropoda: Trichotropidae	USA: California: Ventura County*
Saul, LouElla R.; Squires, Richard L. (2008) Cretaceous trichotropid gastropods from the Pacific slope of North America: Possible pathways to calyptraeid morphology. <i>Nautilus</i> 122(3): 115-142	† <i>Lysis lomaensis</i>	Mollusca: Gastropoda: Trichotropidae	MEXICO: Baja California*
Saul, LouElla R.; Squires, Richard L. (2008) Cretaceous trichotropid gastropods from the Pacific slope of North America: Possible pathways to calyptraeid morphology. <i>Nautilus</i> 122(3): 115-142	† <i>Lysis lomaensis</i>	Mollusca: Gastropoda: Trichotropidae	USA: California: Los Angeles County*
Saul, LouElla R.; Squires, Richard L. (2008) Cretaceous trichotropid gastropods from the Pacific slope of North America: Possible pathways to calyptraeid morphology. <i>Nautilus</i> 122(3): 115-142	† <i>Lysis lomaensis</i>	Mollusca: Gastropoda: Trichotropidae	USA: California: San Diego County*
Saul, LouElla R.; Squires, Richard L. (2008) Cretaceous trichotropid gastropods from the Pacific slope of North America: Possible pathways to calyptraeid morphology. <i>Nautilus</i> 122(3): 115-142	† <i>Lysis mickeyi</i>	Mollusca: Gastropoda: Trichotropidae	USA: California: Butte County*
Saul, LouElla R.; Squires, Richard L. (2008) Cretaceous trichotropid gastropods from the Pacific slope of North America: Possible pathways to calyptraeid morphology. <i>Nautilus</i> 122(3): 115-142	† <i>Lysis mickeyi</i>	Mollusca: Gastropoda: Trichotropidae	USA: California: Los Angeles County*
Saul, LouElla R.; Squires, Richard L. (2008) Cretaceous trichotropid gastropods from the Pacific slope of North America: Possible pathways to calyptraeid morphology. <i>Nautilus</i> 122(3): 115-142	† <i>Lysis mickeyi</i>	Mollusca: Gastropoda: Trichotropidae	USA: California: Shasta County*
Saul, LouElla R.; Squires, Richard L. (2008) Cretaceous trichotropid gastropods from the Pacific slope of North America: Possible pathways to calyptraeid morphology. <i>Nautilus</i> 122(3): 115-142	† <i>Lysis mickeyi</i>	Mollusca: Gastropoda: Trichotropidae	USA: California: Ventura County*
Saul, Louella R.; Squires, Richard L. (2008) Volutoderminae (Gastropoda: Volutidae) of Coniacian through Maastrichtian Age from the North American Pacific Slope. <i>Journal of Paleontology</i> 82(2): 213-237	† <i>Longoconcha eumeka</i>	Mollusca: Gastropoda: Volutidae	MEXICO: Baja California*
Saul, Louella R.; Squires, Richard L. (2008) Volutoderminae (Gastropoda: Volutidae) of Coniacian through Maastrichtian Age from the North American Pacific Slope. <i>Journal of Paleontology</i> 82(2): 213-237	† <i>Longoconcha eumeka</i>	Mollusca: Gastropoda: Volutidae	USA: California: Fresno County*
Saul, Louella R.; Squires, Richard L. (2008) Volutoderminae (Gastropoda: Volutidae) of Coniacian through Maastrichtian Age from the North American Pacific Slope. <i>Journal of Paleontology</i> 82(2): 213-237	† <i>Longoconcha eumeka</i>	Mollusca: Gastropoda: Volutidae	USA: California: Los Angeles County*

Saul, Louella R.; Squires, Richard L. (2008) Volutoderminae (Gastropoda: Volutidae) of Coniacian through Maastrichtian Age from the North American Pacific Slope. Journal of Paleontology 82(2): 213-237	† <i>Longoconcha eumeka</i>	Mollusca: Gastropoda: Volutidae	USA: California: Orange County*
Saul, Louella R.; Squires, Richard L. (2008) Volutoderminae (Gastropoda: Volutidae) of Coniacian through Maastrichtian Age from the North American Pacific Slope. Journal of Paleontology 82(2): 213-237	† <i>Longoconcha eumeka</i>	Mollusca: Gastropoda: Volutidae	USA: California: San Diego County*
Saul, Louella R.; Squires, Richard L. (2008) Volutoderminae (Gastropoda: Volutidae) of Coniacian through Maastrichtian Age from the North American Pacific Slope. Journal of Paleontology 82(2): 213-237	† <i>Longoconcha eumeka</i>	Mollusca: Gastropoda: Volutidae	USA: California: Ventura County*
Saul, Louella R.; Squires, Richard L. (2008) Volutoderminae (Gastropoda: Volutidae) of Coniacian through Maastrichtian Age from the North American Pacific Slope. Journal of Paleontology 82(2): 213-237	† <i>Retipirula calidula</i>	Mollusca: Gastropoda: Volutidae	USA: California: Los Angeles County*
Saul, Louella R.; Squires, Richard L. (2008) Volutoderminae (Gastropoda: Volutidae) of Coniacian through Maastrichtian Age from the North American Pacific Slope. Journal of Paleontology 82(2): 213-237	† <i>Retipirula pinguis</i>	Mollusca: Gastropoda: Volutidae	USA: California: Los Angeles County*
Saul, Louella R.; Squires, Richard L. (2008) Volutoderminae (Gastropoda: Volutidae) of Coniacian through Maastrichtian Age from the North American Pacific Slope. Journal of Paleontology 82(2): 213-237	† <i>Retipirula pinguis</i>	Mollusca: Gastropoda: Volutidae	USA: California: Ventura County*
Saul, Louella R.; Squires, Richard L. (2008) Volutoderminae (Gastropoda: Volutidae) of Coniacian through Maastrichtian Age from the North American Pacific Slope. Journal of Paleontology 82(2): 213-237	† <i>Volutoderma angelica</i>	Mollusca: Gastropoda: Volutidae	USA: California: Los Angeles County*
Saul, Louella R.; Squires, Richard L. (2008) Volutoderminae (Gastropoda: Volutidae) of Coniacian through Maastrichtian Age from the North American Pacific Slope. Journal of Paleontology 82(2): 213-237	† <i>Volutoderma angelica</i>	Mollusca: Gastropoda: Volutidae	USA: California: Orange County*
Saul, Louella R.; Squires, Richard L. (2008) Volutoderminae (Gastropoda: Volutidae) of Coniacian through Maastrichtian Age from the North American Pacific Slope. Journal of Paleontology 82(2): 213-237	† <i>Volutoderma angelica</i>	Mollusca: Gastropoda: Volutidae	USA: California: Ventura County*
Saul, Louella R.; Squires, Richard L. (2008) Volutoderminae (Gastropoda: Volutidae) of Coniacian through Maastrichtian Age from the North American Pacific Slope. Journal of Paleontology 82(2): 213-237	† <i>Volutoderma blakei</i>	Mollusca: Gastropoda: Volutidae	USA: California: Fresno County*
Saul, Louella R.; Squires, Richard L. (2008) Volutoderminae (Gastropoda: Volutidae) of Coniacian through Maastrichtian Age from the North American Pacific Slope. Journal of Paleontology 82(2): 213-237	† <i>Volutoderma blakei</i>	Mollusca: Gastropoda: Volutidae	USA: California: Los Angeles County*
Saul, Louella R.; Squires, Richard L. (2008) Volutoderminae (Gastropoda: Volutidae) of Coniacian through Maastrichtian Age from the North American Pacific Slope. Journal of Paleontology 82(2): 213-237	† <i>Volutoderma blakei</i>	Mollusca: Gastropoda: Volutidae	USA: California: Orange County*
Saul, Louella R.; Squires, Richard L. (2008) Volutoderminae (Gastropoda: Volutidae) of Coniacian through Maastrichtian Age from the North American Pacific Slope. Journal of Paleontology 82(2): 213-237	† <i>Volutoderma blakei</i>	Mollusca: Gastropoda: Volutidae	USA: California: Siskiyou County*
Saul, Louella R.; Squires, Richard L. (2008) Volutoderminae (Gastropoda: Volutidae) of Coniacian through Maastrichtian Age from the North American Pacific Slope. Journal of Paleontology 82(2): 213-237	† <i>Volutoderma blakei</i>	Mollusca: Gastropoda: Volutidae	USA: California: Ventura County*

Saul, Louella R.; Squires, Richard L. (2008) Volutoderminae (Gastropoda: Volutidae) of Coniacian through Maastrichtian Age from the North American Pacific Slope. <i>Journal of Paleontology</i> 82(2): 213-237	† <i>Volutoderma elderi</i>	Mollusca: Gastropoda: Volutidae	USA: California: Los Angeles County*
Saul, Louella R.; Squires, Richard L. (2008) Volutoderminae (Gastropoda: Volutidae) of Coniacian through Maastrichtian Age from the North American Pacific Slope. <i>Journal of Paleontology</i> 82(2): 213-237	† <i>Volutoderma elderi</i>	Mollusca: Gastropoda: Volutidae	USA: California: Orange County*
Saul, Louella R.; Squires, Richard L. (2008) Volutoderminae (Gastropoda: Volutidae) of Coniacian through Maastrichtian Age from the North American Pacific Slope. <i>Journal of Paleontology</i> 82(2): 213-237	† <i>Volutoderma elderi</i>	Mollusca: Gastropoda: Volutidae	USA: California: Ventura County*
Saul, Louella R.; Squires, Richard L. (2008) Volutoderminae (Gastropoda: Volutidae) of Coniacian through Maastrichtian Age from the North American Pacific Slope. <i>Journal of Paleontology</i> 82(2): 213-237	† <i>Volutoderma jalama</i>	Mollusca: Gastropoda: Volutidae	USA: California: Monterey County*
Saul, Louella R.; Squires, Richard L. (2008) Volutoderminae (Gastropoda: Volutidae) of Coniacian through Maastrichtian Age from the North American Pacific Slope. <i>Journal of Paleontology</i> 82(2): 213-237	† <i>Volutoderma jalama</i>	Mollusca: Gastropoda: Volutidae	USA: California: Santa Barbara County*
Saul, Louella R.; Squires, Richard L. (2008) Volutoderminae (Gastropoda: Volutidae) of Coniacian through Maastrichtian Age from the North American Pacific Slope. <i>Journal of Paleontology</i> 82(2): 213-237	† <i>Volutoderma perissa</i>	Mollusca: Gastropoda: Volutidae	MEXICO: Baja California*
Saul, Louella R.; Squires, Richard L. (2008) Volutoderminae (Gastropoda: Volutidae) of Coniacian through Maastrichtian Age from the North American Pacific Slope. <i>Journal of Paleontology</i> 82(2): 213-237	† <i>Volutoderma perissa</i>	Mollusca: Gastropoda: Volutidae	USA: California: Fresno County*
Saul, Louella R.; Squires, Richard L. (2008) Volutoderminae (Gastropoda: Volutidae) of Coniacian through Maastrichtian Age from the North American Pacific Slope. <i>Journal of Paleontology</i> 82(2): 213-237	† <i>Volutoderma perissa</i>	Mollusca: Gastropoda: Volutidae	USA: California: Mendocino County*
Saul, Louella R.; Squires, Richard L. (2008) Volutoderminae (Gastropoda: Volutidae) of Coniacian through Maastrichtian Age from the North American Pacific Slope. <i>Journal of Paleontology</i> 82(2): 213-237	† <i>Volutoderma perissa</i>	Mollusca: Gastropoda: Volutidae	USA: California: San Diego County*
Saul, Louella R.; Squires, Richard L. (2008) Volutoderminae (Gastropoda: Volutidae) of Coniacian through Maastrichtian Age from the North American Pacific Slope. <i>Journal of Paleontology</i> 82(2): 213-237	† <i>Volutoderma querna</i>	Mollusca: Gastropoda: Volutidae	USA: California: Shasta County*
Saul, Louella R.; Squires, Richard L. (2008) Volutoderminae (Gastropoda: Volutidae) of Coniacian through Maastrichtian Age from the North American Pacific Slope. <i>Journal of Paleontology</i> 82(2): 213-237	† <i>Volutoderma querna</i>	Mollusca: Gastropoda: Volutidae	USA: California: Siskiyou County*
Saul, Louella R.; Squires, Richard L. (2008) Volutoderminae (Gastropoda: Volutidae) of Coniacian through Maastrichtian Age from the North American Pacific Slope. <i>Journal of Paleontology</i> 82(2): 213-237	† <i>Volutoderma querna</i>	Mollusca: Gastropoda: Volutidae	USA: California: Yolo County*
Saul, Louella R.; Squires, Richard L. (2008) Volutoderminae (Gastropoda: Volutidae) of Coniacian through Maastrichtian Age from the North American Pacific Slope. <i>Journal of Paleontology</i> 82(2): 213-237	† <i>Volutoderma ynezae</i>	Mollusca: Gastropoda: Volutidae	USA: California: Santa Barbara County*
Saul, Louella R.; Squires, Richard L. (2008) Volutoderminae (Gastropoda: Volutidae) of Coniacian through Maastrichtian Age from the North American Pacific Slope. <i>Journal of Paleontology</i> 82(2): 213-237	† <i>Volutoderma? antherena</i>	Mollusca: Gastropoda: Volutidae	USA: California: Orange County*

Schäfer, Peter (2008) Beiträge zur Ostracoden-Fauna der tertiären Sedimente aus der Doline Oberleichtersbach (Ober-Oligozän, Rhön). I. Darwinulidae und Ilyocyprididae. In: Fossilgemeinschaften der Doline Oberleichtersbach (Oligozän). E. Martini, ed. Courier Forschungsinstitut Senckenberg, Nr. 260. Schweizerbart'sche: Stuttgart, pp. 139-159	† <i>Ilyocypris bavarica</i>	Crustacea: Ostracoda: Cypridocopina: Cypridoidea: Ilyocyprididae	GERMANY: Bavaria State*
Schäfer, Peter (2008) Beiträge zur Ostracoden-Fauna der tertiären Sedimente aus der Doline Oberleichtersbach (Ober-Oligozän, Rhön). I. Darwinulidae und Ilyocyprididae. In: Fossilgemeinschaften der Doline Oberleichtersbach (Oligozän). E. Martini, ed. Courier Forschungsinstitut Senckenberg, Nr. 260. Schweizerbart'sche: Stuttgart, pp. 139-159	† <i>Ilyocypris hecki</i>	Crustacea: Ostracoda: Cypridocopina: Cypridoidea: Ilyocyprididae	GERMANY: Bavaria State*
Schallreuter, Roger; Hinz-Schallreuter, Ingelore; Suttner, Thomas (2008) New Ordovician ostracodes from Himalaya and their palaeobiological and palaeogeographical implications. Revue de Micropaléontologie 51(3): 191-204	† <i>Glossomorphites himalayaensis</i>	Crustacea: Ostracoda: Tetradellidae	INDIA: Himachal Pradesh*
Schallreuter, Roger; Hinz-Schallreuter, Ingelore; Suttner, Thomas (2008) New Ordovician ostracodes from Himalaya and their palaeobiological and palaeogeographical implications. Revue de Micropaléontologie 51(3): 191-204	† <i>Pilla pinensis</i>	Crustacea: Ostracoda: Drepanellidae	INDIA: Himachal Pradesh*
Schallreuter, Roger; Hinz-Schallreuter, Ingelore; Suttner, Thomas (2008) New Ordovician ostracodes from Himalaya and their palaeobiological and palaeogeographical implications. Revue de Micropaléontologie 51(3): 191-204	† <i>Pinilla u-formis</i>	Crustacea: Ostracoda: Drepanellidae	INDIA: Himachal Pradesh*
Schallreuter, Roger; Hinz-Schallreuter, Ingelore; Suttner, Thomas (2008) New Ordovician ostracodes from Himalaya and their palaeobiological and palaeogeographical implications. Revue de Micropaléontologie 51(3): 191-204	† <i>Vendona crassiplicata</i>	Crustacea: Ostracoda: Tvaerenellidae	INDIA: Himachal Pradesh*
Schemm-Gregory, Mena (2008) A new delthyridoid spiriferid genus from the Dra Valley, Morocco, and its phylogenetic affinities (Brachiopoda, Lower Devonian). Paläontologische Zeitschrift 82(4): 385-401	† <i>Multiplicatispirifer founzguidensis</i>	Brachiopoda: Spiriferida: Delthyridina: Delthyridioidea: Costispiriferidae	MOROCCO: Guelmim-Es Esmara*
Schemm-Gregory, Mena (2008) A new species of <i>Filispirifer</i> (Brachiopoda: Delthyridioidea) from the Dra Valley, Morocco (Lower Devonian). Zootaxa 1739:53-68	† <i>Filispirifer hamadae</i>	Brachiopoda: Delthyridioidea	MOROCCO: (Dra Valley)
Schemm-Gregory, Mena (2008) A new terebratulid brachiopod species from the Siegenian of the Dra Valley, Morocco, and its stratigraphic, palaeogeographic and phylogenetic significance. Palaeontology 51(4):793-806	† <i>Rhenorenssulaeria jansenii</i>	Brachiopoda: Terebratulida: Centronellidina: Rhipidothyrididae	FRANCE: Poitou- Charentes Region* (Charente-Maritime Department)
Schemm-Gregory, Mena (2008) A new terebratulid brachiopod species from the Siegenian of the Dra Valley, Morocco, and its stratigraphic, palaeogeographic and phylogenetic significance. Palaeontology 51(4):793-806	† <i>Rhenorenssulaeria jansenii</i>	Brachiopoda: Terebratulida: Centronellidina: Rhipidothyrididae	MOROCCO: Souss- Massa-Draâ*
Schlagintweit, Felix; Dragastan, Ovidiu; Gawlick, Hans-Jürgen (2008) <i>Halimeda misiki</i> n.sp., a new calcareous green alga from the Late Jurassic of the Northern Calcareous Alps (Austria). Neues Jahrbuch für Geologie und Paläontologie Abhandlungen 248(2): 171-182	† <i>Halimeda misiki</i>	Chlorophyta: Bryopsidales: Halimedaceae	AUSTRIA: Salzburg*

Schlagintweit, Felix; Dragastan, Ovidiu; Gawlick, Hans-Jürgen (2008) <i>Halimeda misiki</i> n.sp., a new calcareous green alga from the Late Jurassic of the Northern Calcareous Alps (Austria). Neues Jahrbuch für Geologie und Paläontologie Abhandlungen 248(2): 171-182	† <i>Halimeda misiki</i>	Chlorophyta: Bryopsidales: Halimedaceae	ITALY: Sicily*
Schlagintweit, Felix; Dragastan, Ovidiu; Gawlick, Hans-Jürgen (2008) <i>Halimeda misiki</i> n.sp., a new calcareous green alga from the Late Jurassic of the Northern Calcareous Alps (Austria). Neues Jahrbuch für Geologie und Paläontologie Abhandlungen 248(2): 171-182	† <i>Halimeda misiki</i>	Chlorophyta: Bryopsidales: Halimedaceae	MOROCCO: NA*
Schlagintweit, Felix; Dragastan, Ovidiu; Gawlick, Hans-Jürgen (2008) <i>Halimeda misiki</i> n.sp., a new calcareous green alga from the Late Jurassic of the Northern Calcareous Alps (Austria). Neues Jahrbuch für Geologie und Paläontologie Abhandlungen 248(2): 171-182	† <i>Halimeda misiki</i>	Chlorophyta: Bryopsidales: Halimedaceae	ROMANIA: NA*
Schlagintweit, Felix; Dragastan, Ovidiu; Gawlick, Hans-Jürgen (2008) <i>Halimeda misiki</i> n.sp., a new calcareous green alga from the Late Jurassic of the Northern Calcareous Alps (Austria). Neues Jahrbuch für Geologie und Paläontologie Abhandlungen 248(2): 171-182	† <i>Halimeda misiki</i>	Chlorophyta: Bryopsidales: Halimedaceae	SLOVAKIA: NA*
Schlagintweit, Felix; Sanders, Diethard (2008) <i>Tetraxiella? floriforma</i> n.sp. and other benthic foraminifera from the Gosau Group of the Northern Calcareous Alps, Austria. Austrian Journal of Earth Sciences 101: 17-26	† <i>Tetraxiella? floriforma</i>	Foraminifera: Textulariida: Ataxophragmiacea: Globotextulariidae	AUSTRIA: Lower Austria*
Schlagintweit, Felix; Sanders, Diethard (2008) <i>Tetraxiella? floriforma</i> n.sp. and other benthic foraminifera from the Gosau Group of the Northern Calcareous Alps, Austria. Austrian Journal of Earth Sciences 101: 17-26	† <i>Tetraxiella? floriforma</i>	Foraminifera: Textulariida: Ataxophragmiacea: Globotextulariidae	AUSTRIA: Styria*
Schlagintweit, Felix; Sanders, Diethard (2008) <i>Tetraxiella? floriforma</i> n.sp. and other benthic foraminifera from the Gosau Group of the Northern Calcareous Alps, Austria. Austrian Journal of Earth Sciences 101: 17-26	† <i>Tetraxiella? floriforma</i>	Foraminifera: Textulariida: Ataxophragmiacea: Globotextulariidae	AUSTRIA: Tyrol*
Schlagintweit, Felix; Sanders, Diethard (2008) <i>Tetraxiella? floriforma</i> n.sp. and other benthic foraminifera from the Gosau Group of the Northern Calcareous Alps, Austria. Austrian Journal of Earth Sciences 101: 17-26	† <i>Tetraxiella? floriforma</i>	Foraminifera: Textulariida: Ataxophragmiacea: Globotextulariidae	AUSTRIA: Upper Austria*
Schlagintweit, Felix; Sanders, Diethard (2008) <i>Tetraxiella? floriforma</i> n.sp. and other benthic foraminifera from the Gosau Group of the Northern Calcareous Alps, Austria. Austrian Journal of Earth Sciences 101: 17-26	† <i>Tetraxiella? floriforma</i>	Foraminifera: Textulariida: Ataxophragmiacea: Globotextulariidae	KOSOVO: (Mirdita, Pastro Mountain, Yugoslavia)
Schmidt, Alexander R.; Dörfelt, Heinrich; Perrichot, Vincent (2008) <i>Palaeoanellus dimorphus</i> gen. et sp. nov. (Deuteromycotina): A Cretaceous predatory fungus. American Journal of Botany 95(10): 1328-1334	† <i>Palaeoanellus dimorphus</i> Schmidt, Dörfelt & Perrichot	Fungi: Deuteromycota: fam. indet.	FRANCE: Poitou-Charentes Region* (Charente-Maritime Department)

Schneider, Simon; Hochleitner, Rupert; Janssen, Ronald (2008) A new bivalved gastropod, <i>Candinia lakoniae</i> n. sp. (Sacoglossa: Juliidae) from the Upper Pliocene of Greece (Glykovrysi, SE Peloponnese and Lardos, Rhodes), with a short survey of the geological range and geographic distribution of the family. Neues Jahrbuch für Geologie und Paläontologie Abhandlungen 247(1): 79-91	† <i>Candinia lakoniae</i>	Mollusca: Gastropoda: Opisthobranchia: Sacoglossa: Juliidae	GREECE: Peloponnese*
Schneider, Simon; Hochleitner, Rupert; Janssen, Ronald (2008) A new bivalved gastropod, <i>Candinia lakoniae</i> n. sp. (Sacoglossa: Juliidae) from the Upper Pliocene of Greece (Glykovrysi, SE Peloponnese and Lardos, Rhodes), with a short survey of the geological range and geographic distribution of the family. Neues Jahrbuch für Geologie und Paläontologie Abhandlungen 247(1): 79-91	† <i>Candinia lakoniae</i>	Mollusca: Gastropoda: Opisthobranchia: Sacoglossa: Juliidae	GREECE: South Aegean*
Schoch, Rainer R. (2008) A new stereospondyl from the German Middle Triassic, and the origin of the Metoposauridae. Zoological Journal of the Linnean Society 152(1):79-113	† <i>Callistomordax kugleri</i>	Amphibia: Temnospondyli: Metoposauridae	GERMANY: Baden- Württemberg*
Schornikov, Evgeniji I.; Syrtlanova, Nataliya M. (2008) A new species of <i>Terrestricythere</i> from the Black Sea, in zones of gas seepage. Palaeobiodiversity and Palaeoenvironments 88(1): 121-126	† <i>Terrestricythere crimaee</i> Schornikov	Crustacea: Ostracoda: Terrestricytherocopinae	UKRAINE: Crimea Autonomous Republic*
Schornikov, Evgeniji I.; Syrtlanova, Nataliya M. (2008) A new species of <i>Terrestricythere</i> from the Black Sea, in zones of gas seepage. Palaeobiodiversity and Palaeoenvironments 88(1): 121-126	† <i>Terrestricythere crimaee</i> Schornikov	Crustacea: Ostracoda: Terrestricytherocopinae	UKRAINE: Sevastopol City*
Schwarzahns, Werner (2008) Otolithen aus küstennahen Sedimenten des Ober-Oligozän der Niederrheinischen Bucht (Norddeutschland). Neues Jahrbuch für Geologie und Paläontologie Abhandlungen 248(1): 11-44	† <i>Calamopteryx petermoelleri</i>	Teleostei: Ophidiiformes: Bythitidae	GERMANY: Lower Saxony State*
Schwarzahns, Werner (2008) Otolithen aus küstennahen Sedimenten des Ober-Oligozän der Niederrheinischen Bucht (Norddeutschland). Neues Jahrbuch für Geologie und Paläontologie Abhandlungen 248(1): 11-44	† <i>Calamopteryx petermoelleri</i>	Teleostei: Ophidiiformes: Bythitidae	GERMANY: North Rhine-Westphalia State*
Schwarzahns, Werner (2008) Otolithen aus küstennahen Sedimenten des Ober-Oligozän der Niederrheinischen Bucht (Norddeutschland). Neues Jahrbuch für Geologie und Paläontologie Abhandlungen 248(1): 11-44	† <i>Capros siccus</i>	Teleostei: Zeiformes: Caproidae	GERMANY: North Rhine-Westphalia State*
Schwarzahns, Werner (2008) Otolithen aus küstennahen Sedimenten des Ober-Oligozän der Niederrheinischen Bucht (Norddeutschland). Neues Jahrbuch für Geologie und Paläontologie Abhandlungen 248(1): 11-44	† <i>Centropomus rullus</i>	Teleostei: Perciformes: Centropomidae	GERMANY: North Rhine-Westphalia State*
Schwarzahns, Werner (2008) Otolithen aus küstennahen Sedimenten des Ober-Oligozän der Niederrheinischen Bucht (Norddeutschland). Neues Jahrbuch für Geologie und Paläontologie Abhandlungen 248(1): 11-44	† <i>Myxocephalus mettmannensis</i>	Teleostei: Scorpaeniformes: Cottidae	GERMANY: North Rhine-Westphalia State*
Schwarzahns, Werner (2008) Otolithen aus küstennahen Sedimenten des Ober-Oligozän der Niederrheinischen Bucht (Norddeutschland). Neues Jahrbuch für Geologie und Paläontologie Abhandlungen 248(1): 11-44	† <i>Opistognathus koeneni</i>	Teleostei: Perciformes: Opistognathidae	GERMANY: North Rhine-Westphalia State*
Schwarzahns, Werner (2008) Otolithen aus küstennahen Sedimenten des Ober-Oligozän der Niederrheinischen Bucht (Norddeutschland). Neues Jahrbuch für Geologie und Paläontologie Abhandlungen 248(1): 11-44	† <i>Scorpaena quaesita</i>	Teleostei: Scorpaeniformes: Scorpaenidae	GERMANY: Lower Saxony State*

Schweitzer, Carrie E.; Feldmann, Rodney M. (2008) New Eocene hydrocarbon seep decapod crustacean (Anomura: Galatheidae: Shinkaiinae) and its paleobiology. <i>Journal of Paleontology</i> 82(5): 1021-1029	† <i>Shinkaia katapsyxis</i>	Crustacea: Decapoda: Anomura: Galatheidae	USA: Washington: Grays Harbor County*
Schweitzer, Carrie E.; Feldmann, Rodney M. (2008) Revision of the genus <i>Laeviprosopon</i> Glaessner, 1933 (Decapoda: Brachyura: Homolodromioidea: Prosopidae) including two new species. <i>Neues Jahrbuch für Geologie und Paläontologie</i> 250(3): 273-285	† <i>Laeviprosopon grandicentrum</i>	Crustacea: Decapoda: Brachyura: Homolodromioidea: Prosopidae	AUSTRIA: Lower Austria*
Schweitzer, Carrie E.; Feldmann, Rodney M. (2008) Revision of the genus <i>Laeviprosopon</i> Glaessner, 1933 (Decapoda: Brachyura: Homolodromioidea: Prosopidae) including two new species. <i>Neues Jahrbuch für Geologie und Paläontologie</i> 250(3): 273-285	† <i>Laeviprosopon laculatum</i>	Crustacea: Decapoda: Brachyura: Homolodromioidea: Prosopidae	AUSTRIA: Lower Austria*
Schweitzer, Carrie E.; Feldmann, Rodney M. (2008) Revision of the Prosopinae <i>sensu</i> Glaessner, 1969 (Crustacea: Decapoda: Brachyura) including four new families, four new genera, and five new species. <i>Annalen des Naturhistorischen Museums in Wien</i> 110A: 55-122	† <i>Bucculentum bachmayeri</i>	Crustacea: Decapoda: Brachyura: Bucculentidae	AUSTRIA: Lower Austria*
Schweitzer, Carrie E.; Feldmann, Rodney M. (2008) Revision of the Prosopinae <i>sensu</i> Glaessner, 1969 (Crustacea: Decapoda: Brachyura) including four new families, four new genera, and five new species. <i>Annalen des Naturhistorischen Museums in Wien</i> 110A: 55-122	† <i>Glaessneropsis myrmekia</i>	Crustacea: Decapoda: Brachyura: Glaessneropsidae	CZECH REPUBLIC: Moravian-Silesian*
Schweitzer, Carrie E.; Feldmann, Rodney M. (2008) Revision of the Prosopinae <i>sensu</i> Glaessner, 1969 (Crustacea: Decapoda: Brachyura) including four new families, four new genera, and five new species. <i>Annalen des Naturhistorischen Museums in Wien</i> 110A: 55-122	† <i>Glaessneropsis tribulosa</i>	Crustacea: Decapoda: Brachyura: Glaessneropsidae	AUSTRIA: Lower Austria*
Schweitzer, Carrie E.; Feldmann, Rodney M. (2008) Revision of the Prosopinae <i>sensu</i> Glaessner, 1969 (Crustacea: Decapoda: Brachyura) including four new families, four new genera, and five new species. <i>Annalen des Naturhistorischen Museums in Wien</i> 110A: 55-122	† <i>Lecythocaris obesa</i>	Crustacea: Decapoda: Brachyura: Lecythocaridae	AUSTRIA: Lower Austria*
Schweitzer, Carrie E.; Feldmann, Rodney M. (2008) Revision of the Prosopinae <i>sensu</i> Glaessner, 1969 (Crustacea: Decapoda: Brachyura) including four new families, four new genera, and five new species. <i>Annalen des Naturhistorischen Museums in Wien</i> 110A: 55-122	† <i>Prosopon abbreviatum</i>	Crustacea: Decapoda: Brachyura: Prosopidae	AUSTRIA: Lower Austria*
Secord, Ross (2008) The Tiffanian Land Mammal Age (Middle and Late Paleocene) in the Northern Bighorn Basin, Wyoming. <i>Papers on Paleontology, University of Michigan</i> 35: xi+196 pp.	† <i>Adunator abditus</i>	Mammalia: Erinaceomorpha: incertae sedis	USA: Wyoming: Park County*
Secord, Ross (2008) The Tiffanian Land Mammal Age (Middle and Late Paleocene) in the Northern Bighorn Basin, Wyoming. <i>Papers on Paleontology, University of Michigan</i> 35: xi+196 pp.	† <i>Adunator amplus</i>	Mammalia: Erinaceomorpha: incertae sedis	USA: Wyoming: Park County*
Secord, Ross (2008) The Tiffanian Land Mammal Age (Middle and Late Paleocene) in the Northern Bighorn Basin, Wyoming. <i>Papers on Paleontology, University of Michigan</i> 35: xi+196 pp.	† <i>Aphanocyon amaurus</i>	Mammalia: Procreodi: Arctocyonidae	USA: Wyoming: Park County*

Secord, Ross (2008) The Tiffanian Land Mammal Age (Middle and Late Paleocene) in the Northern Bighorn Basin, Wyoming. Papers on Paleontology, University of Michigan 35: xi+196 pp.	† <i>Aphanocyon codyensis</i>	Mammalia: Procreodi: Arctocyonidae	USA: Wyoming: Park County*
Secord, Ross (2008) The Tiffanian Land Mammal Age (Middle and Late Paleocene) in the Northern Bighorn Basin, Wyoming. Papers on Paleontology, University of Michigan 35: xi+196 pp.	† <i>Bessoecetor pilodontus</i>	Mammalia: Pantolestidae	USA: Wyoming: Park County*
Secord, Ross (2008) The Tiffanian Land Mammal Age (Middle and Late Paleocene) in the Northern Bighorn Basin, Wyoming. Papers on Paleontology, University of Michigan 35: xi+196 pp.	†Cf. <i>Leptacodon choristus</i>	Mammalia: Soricomorpha: Nyctitheriidae	USA: Wyoming: Park County*
Secord, Ross (2008) The Tiffanian Land Mammal Age (Middle and Late Paleocene) in the Northern Bighorn Basin, Wyoming. Papers on Paleontology, University of Michigan 35: xi+196 pp.	† <i>Chiromyoides gingerichi</i>	Mammalia: Primates: Plesiadapidae	USA: Wyoming: Park County*
Secord, Ross (2008) The Tiffanian Land Mammal Age (Middle and Late Paleocene) in the Northern Bighorn Basin, Wyoming. Papers on Paleontology, University of Michigan 35: xi+196 pp.	† <i>Leptacodon acherontus</i>	Mammalia: Soricomorpha: Nyctitheriidae	USA: Wyoming: Park County*
Secord, Ross (2008) The Tiffanian Land Mammal Age (Middle and Late Paleocene) in the Northern Bighorn Basin, Wyoming. Papers on Paleontology, University of Michigan 35: xi+196 pp.	† <i>Leptonysson orthius</i>	Mammalia: Pantolestidae	USA: Wyoming: Park County*
Secord, Ross (2008) The Tiffanian Land Mammal Age (Middle and Late Paleocene) in the Northern Bighorn Basin, Wyoming. Papers on Paleontology, University of Michigan 35: xi+196 pp.	† <i>Micromomys gunnelli</i>	Mammalia: Primates: Micromomyidae	USA: Wyoming: Park County*
Secord, Ross (2008) The Tiffanian Land Mammal Age (Middle and Late Paleocene) in the Northern Bighorn Basin, Wyoming. Papers on Paleontology, University of Michigan 35: xi+196 pp.	† <i>Micromomys millennius</i>	Mammalia: Primates: Micromomyidae	USA: Wyoming: Park County*
Secord, Ross (2008) The Tiffanian Land Mammal Age (Middle and Late Paleocene) in the Northern Bighorn Basin, Wyoming. Papers on Paleontology, University of Michigan 35: xi+196 pp.	† <i>Myrmecoboides arenarius</i>	Mammalia: Leptictidae	USA: Wyoming: Park County*
Secord, Ross (2008) The Tiffanian Land Mammal Age (Middle and Late Paleocene) in the Northern Bighorn Basin, Wyoming. Papers on Paleontology, University of Michigan 35: xi+196 pp.	† <i>Phenacolemur archus</i>	Mammalia: Primates: Paromomyidae	USA: Wyoming: Park County*
Secord, Ross (2008) The Tiffanian Land Mammal Age (Middle and Late Paleocene) in the Northern Bighorn Basin, Wyoming. Papers on Paleontology, University of Michigan 35: xi+196 pp.	† <i>Plagiomene zalmouti</i>	Mammalia: ?Dermoptera: Plagiomenidae	USA: Wyoming: Park County*
Secord, Ross (2008) The Tiffanian Land Mammal Age (Middle and Late Paleocene) in the Northern Bighorn Basin, Wyoming. Papers on Paleontology, University of Michigan 35: xi+196 pp.	† <i>Prodiacodon paucus</i>	Mammalia: Leptictidae	USA: Wyoming: Park County*
Secord, Ross (2008) The Tiffanian Land Mammal Age (Middle and Late Paleocene) in the Northern Bighorn Basin, Wyoming. Papers on Paleontology, University of Michigan 35: xi+196 pp.	† <i>Wyonycteris galensis</i>	Mammalia: Soricomorpha: Nyctitheriidae	USA: Wyoming: Park County*
Secord, Ross (2008) The Tiffanian Land Mammal Age (Middle and Late Paleocene) in the Northern Bighorn Basin, Wyoming. Papers on Paleontology, University of Michigan 35: xi+196 pp.	† <i>Wyonycteris microtis</i>	Mammalia: Soricomorpha: Nyctitheriidae	USA: Wyoming: Park County*

Selden, Paul A.; Baker, Anne S.; Phipps, Kenneth J. (2008) An oribatid mite (Arachnida: Acari) from the Oxford Clay (Jurassic: Upper Callovian) of South Cave Station Quarry, Yorkshire, UK. <i>Palaeontology</i> 51(3):623-633	† <i>Jureremus phippsi</i>	Acari: Oribatida: Cymbaeremaeidae	ENGLAND: Yorkshire*
Selden, Paul A.; Huang Dying; Dong, Ren (2008) Palpimanoid spiders from the Jurassic of China. <i>Journal of Arachnology</i> 36(2):306-321	† <i>Pataarchaea muralis</i>	Arachnida: Araneae: Palpimanoidea: fam. indet.	CHINA: Inner Mongolia*
Selden, Paul A.; Huang Dying; Dong, Ren (2008) Palpimanoid spiders from the Jurassic of China. <i>Journal of Arachnology</i> 36(2):306-321	† <i>Sinaranea metaxyostraca</i>	Arachnida: Araneae: Palpimanoidea: fam. indet.	CHINA: Inner Mongolia*
Semensatto, Décio Luis, Jr.; de Oliveira, Denise; Dias-Brito, Dimas (2008) <i>Blysmasphaera broennimanni</i> , a new recent allogromiine species (Order Foraminiferida, Eichwald, 1830) from Brazil. <i>Revue de Paléobiologie</i> 27(2): 525-531	† <i>Blysmasphaera broennimanni</i>	Foraminiferida: Allogromiina: Lagynacea: Lagynidae	BRAZIL: São Paulo State*
Semensatto, Décio Luis, Jr.; de Oliveira, Denise; Dias-Brito, Dimas (2008) <i>Blysmasphaera broennimanni</i> , a new recent allogromiine species (Order Foraminiferida, Eichwald, 1830) from Brazil. <i>Revue de Paléobiologie</i> 27(2): 525-531	† <i>Blysmasphaera broennimanni</i>	Foraminiferida: Allogromiina: Lagynacea: Lagynidae	BRAZIL: Sergipe State*
Senowbari-Daryan, Baba; Caruthers, Andrew H.; Stanley, George D., Jr. (2008) The first Upper Triassic silicified hypercalcified sponges from the Alexander Terrane, Gravina Island and Keku Strait, southeast Alaska. <i>Journal of Paleontology</i> 82(2): 344-350	† <i>Nevadathalamia minima</i>	Porifera: Demospongea: Agelasida: Polytholosiidae	ALASKA
Senowbari-Daryan, Baba; Isintek, Ismail (2008) <i>Izmirella cretacea</i> nov. gen., nov. sp., a complex alga from the Lower Cretaceous, NE of Bornova-Izmir/Turkey. <i>Geologia Croatica</i> 61(2-3): 273-295	† <i>Izmirella cretacea</i>	gen. nov., "alga incertae sedis"	TURKEY: Izmir*
Senowbari-Daryan, Baba; Maurer, Florian (2008) Upper Triassic (Norian) hypercalcified sponges from the Musandam Peninsula (United Arab Emirates and Oman). <i>Facies</i> 54(3): 433-460	† <i>Cavsonella triassica</i>	Porifera: Demospongiae: Agelasida: Auriculospongiidae	UNITED ARAB EMIRATES: Ras al- Khaimah Emirate*
Senowbari-Daryan, Baba; Maurer, Florian (2008) Upper Triassic (Norian) hypercalcified sponges from the Musandam Peninsula (United Arab Emirates and Oman). <i>Facies</i> 54(3): 433-460	† <i>Cinnabaria regularis</i>	Porifera: Demospongiae: Vaceletida: Colospongiidae	UNITED ARAB EMIRATES: Ras al- Khaimah Emirate*
Senowbari-Daryan, Baba; Maurer, Florian (2008) Upper Triassic (Norian) hypercalcified sponges from the Musandam Peninsula (United Arab Emirates and Oman). <i>Facies</i> 54(3): 433-460	† <i>Fanthalamia milahaensis</i>	Porifera: Demospongiae: Vaceletida: Colospongiidae	UNITED ARAB EMIRATES: Ras al- Khaimah Emirate*
Senowbari-Daryan, Baba; Maurer, Florian (2008) Upper Triassic (Norian) hypercalcified sponges from the Musandam Peninsula (United Arab Emirates and Oman). <i>Facies</i> 54(3): 433-460	† <i>Lovcenipora musandamensis</i>	Porifera: Demospongiae: Chaetetida: Chaetetidae	UNITED ARAB EMIRATES: Ras al- Khaimah Emirate*

Senowbari-Daryan, Baba; Maurer, Florian (2008) Upper Triassic (Norian) hypercalcified sponges from the Musandam Peninsula (United Arab Emirates and Oman). <i>Facies</i> 54(3): 433-460	† <i>Nevadathalamia arabica</i>	Porifera: Demospongiae: Vaceletida: Colospongiidae	UNITED ARAB EMIRATES: Ras al- Khaimah Emirate*
Senowbari-Daryan, Baba; Maurer, Florian (2008) Upper Triassic (Norian) hypercalcified sponges from the Musandam Peninsula (United Arab Emirates and Oman). <i>Facies</i> 54(3): 433-460	† <i>Nevadathalamia conica</i>	Porifera: Demospongiae: Vaceletida: Colospongiidae	UNITED ARAB EMIRATES: Ras al- Khaimah Emirate*
Senowbari-Daryan, Baba; Ridd, Michael F. (2008) Two new Triassic sphinctozoan sponge species from near Kantang, Trang Province, southern Thailand. <i>Paläontologische Zeitschrift</i> 82(3): 254-261	† <i>Amblysiphonella parva</i>	Porifera: Demospongiae: Ceractinomorpha: Vaceletida: Sebargasiidae	THAILAND: Trang*
Senowbari-Daryan, Baba; Ridd, Michael F. (2008) Two new Triassic sphinctozoan sponge species from near Kantang, Trang Province, southern Thailand. <i>Paläontologische Zeitschrift</i> 82(3): 254-261	† <i>Platythalamiella minima</i>	Porifera: Demospongiae: Ceractinomorpha: Vaceletida: Sebargasiidae	THAILAND: Trang*
Senowbari-Daryan, Baba; Torabi, Hossein; Rashidi, Koorosh (2008) New solenoporaceans from Upper Triassic (?Norian-Rhaetian) reef limestones in central Iran. <i>Geologia Croatica</i> 61(2-3): 135-157	† <i>Parachaetetes dizluensis</i>	Rhodophycophyta: Rhodophyceae: Solenoporaceae	IRAN: Isfahan*
Senowbari-Daryan, Baba; Torabi, Hossein; Rashidi, Koorosh (2008) New solenoporaceans from Upper Triassic (?Norian-Rhaetian) reef limestones in central Iran. <i>Geologia Croatica</i> 61(2-3): 135-157	† <i>Solenopora rectangulata</i>	Rhodophycophyta: Rhodophyceae: Solenoporaceae	IRAN: Isfahan*
Sereno, Paul C.; Brusatte, Stephen L. (2008) Basal abelisaurid and carcharodontosaurid theropods from the Lower Cretaceous Elrhaz Formation of Niger. <i>Acta Palaeontologica Polonica</i> 53(1): 15-46	† <i>Eocarcharia dinops</i>	Reptilia: Dinosauria: Theropoda: Allosauroidae: Carcharodontosauridae	NIGER: Agadez Region*
Sereno, Paul C.; Brusatte, Stephen L. (2008) Basal abelisaurid and carcharodontosaurid theropods from the Lower Cretaceous Elrhaz Formation of Niger. <i>Acta Palaeontologica Polonica</i> 53(1): 15-46	† <i>Kryptops palaios</i>	Reptilia: Dinosauria: Theropoda: Ceratosauria: Abelisauridae	NIGER: Agadez Region*
Sereno, Paul C.; Martinez, Ricardo N.; Wilson, Jeffrey A.; Varricchio, David J.; Alcober, Oscar A.; Larsson, Hans C.E. (2008) Evidence for avian intrathoracic air sacs in a new predatory dinosaur from Argentina. <i>PLoS ONE</i> 3(9): c3303 DOI: 10.1371/journal.pone.0003303	† <i>Aerosteon riocoloradensis</i>	Dinosauria: Theropoda: Tetanurae: Allosauroidae:	ARGENTINA: Mendoza Province*
Serpagli, Enrico; Ferretti, Annalisa; Nicoll, Robert S.; Serventi, Paolo (2008) The conodont genus <i>Teridontus</i> (Miller, 1980) from the Early Ordovician of Montagne Noire, France. <i>Journal of Paleontology</i> 82(3): 612-620	† <i>Teridontus gallicus</i>	Hemichordata: Conodonta:	ANTARCTICA

Serpagli, Enrico; Ferretti, Annalisa; Nicoll, Robert S.; Serventi, Paolo (2008) The conodont genus <i>Teridontus</i> (Miller, 1980) from the Early Ordovician of Montagne Noire, France. <i>Journal of Paleontology</i> 82(3): 612-620	† <i>Teridontus gallicus</i>	Hemichordata: Conodonts:	FRANCE: (Montagne Noire -- spans several departments)
Seyed-Emami, Kazem; Fürsich, Franz T.; Wilmsen, Markus; Majidifard, Mahmoud R.; Shekarifard, Ali (2008) Lower and Middle Jurassic ammonoids of the Shemshak Group in Alborz, Iran and their palaeobiogeographical and biostratigraphical significance. <i>Acta Palaeontologica Polonica</i> 53(2): 237-260	† <i>Paradumortieria elmii</i> Seyed-Emami	Mollusca: Cephalopoda: Ammonoidea: Ammonitina: Graphoceratidae	IRAN: Semnan Province*
Seyed-Emami, Kazem; Fürsich, Franz T.; Wilmsen, Markus; Majidifard, Mahmoud R.; Shekarifard, Ali (2008) Lower and Middle Jurassic ammonoids of the Shemshak Group in Alborz, Iran and their palaeobiogeographical and biostratigraphical significance. <i>Acta Palaeontologica Polonica</i> 53(2): 237-260	† <i>Pleydellia</i> (<i>Pleydellia</i>)? <i>ruttneri</i> Seyed-Emami	Mollusca: Cephalopoda: Ammonoidea: Ammonitina: Graphoceratidae	IRAN: Semnan Province*
Shang, Qinghua; Cuny, Gilles; Chen, Lide (2008) Early Middle Jurassic vertebrate microremains from the Three Gorges Formation, southern China. <i>Historical Biology</i> 20(2): 87-99	† <i>Hubeiodus ziguiensis</i>	Chondrichthyes: Hybodontiformes: fam. indet.	CHINA: Hubei*
Shen, Shu-Zhong; Zhang, Yi-Chun (2008) Earliest Wuchiapingian (Lopingian, Late Permian) brachiopods in southern Hunan, South China: Implications for the pre-Lopingian crisis and onset of Lopingian recovery/radiation. <i>Journal of Paleontology</i> 82(5): 924-937	† <i>Echinauris doulingensis</i>	Brachiopoda: Productida: Productellidae	CHINA: Hunan*
Shen, Shu-Zhong; Zhang, Yi-Chun (2008) Earliest Wuchiapingian (Lopingian, Late Permian) brachiopods in southern Hunan, South China: Implications for the pre-Lopingian crisis and onset of Lopingian recovery/radiation. <i>Journal of Paleontology</i> 82(5): 924-937	† <i>Pararigbyella doulingensis</i>	Brachiopoda: Productida: Lytoniidae	CHINA: Hunan*
Shen, Shu-Zhong; Zhang, Yi-Chun (2008) Earliest Wuchiapingian (Lopingian, Late Permian) brachiopods in southern Hunan, South China: Implications for the pre-Lopingian crisis and onset of Lopingian recovery/radiation. <i>Journal of Paleontology</i> 82(5): 924-937	† <i>Pararigbyella quadrilobata</i>	Brachiopoda: Productida: Lytoniidae	CHINA: Hunan*
Shi, G.R.; Chen, Z.Q.; Tong, Jin-Nan (2008) New latest Carboniferous brachiopods from the Hexi Corridor Terrane, North China: Faunal migrations and palaeogeographical implications. <i>Proceedings of the Royal Society of Victoria</i> 120(1): 277-304	† <i>Admoskovia yatzensi</i>	Brachiopoda: Strophomenata: Productida: Productidae	CHINA: Ningxia*
Shi, G.R.; Chen, Z.Q.; Tong, Jin-Nan (2008) New latest Carboniferous brachiopods from the Hexi Corridor Terrane, North China: Faunal migrations and palaeogeographical implications. <i>Proceedings of the Royal Society of Victoria</i> 120(1): 277-304	† <i>Companteris hexiensis</i>	Brachiopoda: Strophomenata: Productida: Productidae	CHINA: Ningxia*
Shi, G.R.; Chen, Z.Q.; Tong, Jin-Nan (2008) New latest Carboniferous brachiopods from the Hexi Corridor Terrane, North China: Faunal migrations and palaeogeographical implications. <i>Proceedings of the Royal Society of Victoria</i> 120(1): 277-304	† <i>Kozłowska ningxiaensis</i>	Brachiopoda: Strophomenata: Productida: Productidae	CHINA: Ningxia*

Shi, Yukun; Jin, Xiaochi; Huang, Hao; Yang, Xiangning (2008) Permian Fusulinids from the Tengchong Block, Western Yunnan, China. <i>Journal of Paleontology</i> 82(1): 118-127	† <i>Chusenella mingguangensis</i>	Rhizaria: Foraminidera: Fusulinida: Schwageriidae	CHINA: Yunnan*
Shi, Yukun; Jin, Xiaochi; Huang, Hao; Yang, Xiangning (2008) Permian Fusulinids from the Tengchong Block, Western Yunnan, China. <i>Journal of Paleontology</i> 82(1): 118-127	† <i>Monodioxodina gigas</i>	Rhizaria: Foraminidera: Fusulinida: Schwageriidae	CHINA: Yunnan*
Shimada, Kenshu (2008) New anacoracid shark from Upper Cretaceous Niobrara Chalk of western Kansas, USA. <i>Journal of Vertebrate Paleontology</i> 28(4):1189-1194	† <i>Squalicorax microserraton</i>	Chondrichthyes: Elasmobranchii: Lamniformes: Anacoracidae	USA: Kansas: Trego County*
Sidor, Christian A.; Damiani, Ross; Hammer, William R. (2008) A new Triassic temnospondyl from Antarctica and a review of Fremouw Formation biostratigraphy. <i>Journal of Vertebrate Paleontology</i> 28(3): 656-663	† <i>Kryostega collinsoni</i>	Temnospondyli: Stereospondyli: Heylerosauridae or Mastodontosauridae	ANTARCTICA
Silcox, Mary T.; Rose, Kenneth D.; Bown, Thomas M. (2008) Early Eocene Paromomyidae (Mammalia, Primates) from the Southern Bighorn Basin, Wyoming: Systematics and evolution. <i>Journal of Paleontology</i> 82(6): 1074-1113	† <i>Phenacolemur willwoodensis</i>	Mammalia: Primates: Paromomyidae	USA: Wyoming: Wishakie County*
Šimůnek, Zbyněk (2008) The Asturian and Cantabrian floral assemblages with <i>Cordaites</i> from the Plzen Basin (Czech Republic). <i>Studia Geologica Polonica</i> 129: 51-80	† <i>Cordaites radcicensis</i> Šimůnek	Gymnospermae: Cordaitaceae	CZECH REPUBLIC: Liberec Region*
Singh Kotlia, Bahadur (2008) A new species of fossil <i>Mus</i> (Rodentia: Muridae) from the Indian Himalaya: Evolutionary and phylogenetic implications. <i>Palaeoworld</i> 17(1): 47-56	† <i>Mus dulamensis</i>	Mammalia: Rodentia: Muridae	INDIA: Uttarakhand State*
Skartveit, John (2008) Fossil Hesperinidae and Bibionidae from Baltic amber (Diptera: Bibionoidea). <i>Studia Dipterologica</i> 15(1-2): 3-42	† <i>Bibiodes balticus</i>	Diptera: Bibionidae	("Baltic amber")
Skartveit, John (2008) Fossil Hesperinidae and Bibionidae from Baltic amber (Diptera: Bibionoidea). <i>Studia Dipterologica</i> 15(1-2): 3-42	† <i>Bibiodes nanus</i>	Diptera: Bibionidae	("Baltic amber")
Skartveit, John (2008) Fossil Hesperinidae and Bibionidae from Baltic amber (Diptera: Bibionoidea). <i>Studia Dipterologica</i> 15(1-2): 3-42	† <i>Dilophus crassicornis</i>	Diptera: Bibionidae	("Baltic amber")
Skartveit, John (2008) Fossil Hesperinidae and Bibionidae from Baltic amber (Diptera: Bibionoidea). <i>Studia Dipterologica</i> 15(1-2): 3-42	† <i>Dilophus palaeofebrilis</i>	Diptera: Bibionidae	("Baltic amber")
Skartveit, John (2008) Fossil Hesperinidae and Bibionidae from Baltic amber (Diptera: Bibionoidea). <i>Studia Dipterologica</i> 15(1-2): 3-42	† <i>Dilophus succineus</i>	Diptera: Bibionidae	("Baltic amber")
Skartveit, John (2008) Fossil Hesperinidae and Bibionidae from Baltic amber (Diptera: Bibionoidea). <i>Studia Dipterologica</i> 15(1-2): 3-42	† <i>Hesperinus electrus</i>	Diptera: Hesperinidae	("Baltic amber")
Skartveit, John (2008) Fossil Hesperinidae and Bibionidae from Baltic amber (Diptera: Bibionoidea). <i>Studia Dipterologica</i> 15(1-2): 3-42	† <i>Hesperinus hyalopterus</i>	Diptera: Hesperinidae	("Baltic amber")
Skartveit, John (2008) Fossil Hesperinidae and Bibionidae from Baltic amber (Diptera: Bibionoidea). <i>Studia Dipterologica</i> 15(1-2): 3-42	† <i>Hesperinus macroculatus</i>	Diptera: Hesperinidae	("Baltic amber")
Skartveit, John (2008) Fossil Hesperinidae and Bibionidae from Baltic amber (Diptera: Bibionoidea). <i>Studia Dipterologica</i> 15(1-2): 3-42	† <i>Penthetria integroneura</i>	Diptera: Bibionidae	("Baltic amber")

Skartveit, John (2008) Fossil Hesperinidae and Bibionidae from Baltic amber (Diptera: Bibionoidea). <i>Studia Dipterologica</i> 15(1-2): 3-42	† <i>Penthetria montanaregis</i>	Diptera: Bibionidae	RUSSIA: Kaliningrad Oblast* ("Baltic amber")
Skartveit, John (2008) Fossil Hesperinidae and Bibionidae from Baltic amber (Diptera: Bibionoidea). <i>Studia Dipterologica</i> 15(1-2): 3-42	† <i>Plecia brunniptera</i>	Diptera: Bibionidae	("Baltic amber")
Skartveit, John (2008) Fossil Hesperinidae and Bibionidae from Baltic amber (Diptera: Bibionoidea). <i>Studia Dipterologica</i> 15(1-2): 3-42	† <i>Plecia clavifemur</i>	Diptera: Bibionidae	("Baltic amber")
Skartveit, John (2008) Fossil Hesperinidae and Bibionidae from Baltic amber (Diptera: Bibionoidea). <i>Studia Dipterologica</i> 15(1-2): 3-42	† <i>Plecia hofeinsorum</i>	Diptera: Bibionidae	("Baltic amber")
Skartveit, John (2008) Fossil Hesperinidae and Bibionidae from Baltic amber (Diptera: Bibionoidea). <i>Studia Dipterologica</i> 15(1-2): 3-42	† <i>Plecia tenuicornis</i>	Diptera: Bibionidae	("Baltic amber")
Slimani, Hamid; Louwye, Stephen; Toufiq, Abdelkabar; Verniers, Jacques; de Coninck, Jan (2008) New dinoflagellate cyst species from Cretaceous/Palaeogene boundary deposits at Ouled Haddou, south-eastern Rif, Morocco. <i>Cretaceous Research</i> 29(2): 329-344	† <i>Batiacasphaera rifensis</i>	Chromalveolata: Alveolata: Dinoflagellata: Dinophyceae: fam. indet.	MOROCCO: Taza-Al Hoceima-Taounate Region*
Slimani, Hamid; Louwye, Stephen; Toufiq, Abdelkabar; Verniers, Jacques; de Coninck, Jan (2008) New dinoflagellate cyst species from Cretaceous/Palaeogene boundary deposits at Ouled Haddou, south-eastern Rif, Morocco. <i>Cretaceous Research</i> 29(2): 329-344	† <i>Cerodinium mediterraneum</i>	Chromalveolata: Alveolata: Dinoflagellata: Peridinales: Peridiniaceae	MOROCCO: Taza-Al Hoceima-Taounate Region*
Slimani, Hamid; Louwye, Stephen; Toufiq, Abdelkabar; Verniers, Jacques; de Coninck, Jan (2008) New dinoflagellate cyst species from Cretaceous/Palaeogene boundary deposits at Ouled Haddou, south-eastern Rif, Morocco. <i>Cretaceous Research</i> 29(2): 329-344	† <i>Damassadinium spinosum</i>	Chromalveolata: Alveolata: Dinoflagellata: Dinophyceae: Gonyaulacales: Gonyaulacaceae	MOROCCO: Taza-Al Hoceima-Taounate Region*
Slimani, Hamid; Louwye, Stephen; Toufiq, Abdelkabar; Verniers, Jacques; de Coninck, Jan (2008) New dinoflagellate cyst species from Cretaceous/Palaeogene boundary deposits at Ouled Haddou, south-eastern Rif, Morocco. <i>Cretaceous Research</i> 29(2): 329-344	† <i>Eisenackia msounensis</i>	Chromalveolata: Alveolata: Dinoflagellata: Dinophyceae: Gonyaulacales: Goniodomaceae	MOROCCO: Taza-Al Hoceima-Taounate Region*
Slimani, Hamid; Louwye, Stephen; Toufiq, Abdelkabar; Verniers, Jacques; de Coninck, Jan (2008) New dinoflagellate cyst species from Cretaceous/Palaeogene boundary deposits at Ouled Haddou, south-eastern Rif, Morocco. <i>Cretaceous Research</i> 29(2): 329-344	† <i>Impagidinium maghribensis</i>	Chromalveolata: Alveolata: Dinoflagellata: Dinophyceae: Gonyaulacales: Gonyaulacaceae	MOROCCO: Taza-Al Hoceima-Taounate Region*

Slimani, Hamid; Louwye, Stephen; Toufiq, Abdelkabar; Verniers, Jacques; de Coninck, Jan (2008) New dinoflagellate cyst species from Cretaceous/Palaeogene boundary deposits at Ouled Haddou, south-eastern Rif, Morocco. Cretaceous Research 29(2): 329-344	† <i>Lejeunecysta izerzenensis</i>	Chromalveolata: Alveolata: Dinoflagellata: Dinophyceae: Peridinales: Congruentidiaceae	MOROCCO: Taza-Al Hoceima-Taounate Region*
Slimani, Hamid; Louwye, Stephen; Toufiq, Abdelkabar; Verniers, Jacques; de Coninck, Jan (2008) New dinoflagellate cyst species from Cretaceous/Palaeogene boundary deposits at Ouled Haddou, south-eastern Rif, Morocco. Cretaceous Research 29(2): 329-344	† <i>Pterodinium cretaceum</i>	Chromalveolata: Alveolata: Dinoflagellata: Dinophyceae: Gonyaulacales: Gonyaulacaceae	MOROCCO: Taza-Al Hoceima-Taounate Region*
Slimani, Hamid; Louwye, Stephen; Toufiq, Abdelkabar; Verniers, Jacques; de Coninck, Jan (2008) New dinoflagellate cyst species from Cretaceous/Palaeogene boundary deposits at Ouled Haddou, south-eastern Rif, Morocco. Cretaceous Research 29(2): 329-344	† <i>Ynezidinium tazaensis</i>	Chromalveolata: Alveolata: Dinoflagellata: Dinophyceae: Gonyaulacales: Gonyaulacaceae	MOROCCO: Taza-Al Hoceima-Taounate Region*
Smith, A.B.; Wright, C.W. (2008) British Cretaceous Echinoids. Part 8, Atelostomata, 2. Spatangoida (1). Monograph of the Palaeontographical Society, Publication No. 630, issued as part of Volume 162 for 2008, pp. 569-635	† <i>Epiaster brevipetalus</i>	Echinodermata: Echinoidea: Atelostomata: Spatangoida: Micrasterina: fam. indet.	ENGLAND: Isle of Wight*
Smith, A.B.; Wright, C.W. (2008) British Cretaceous Echinoids. Part 8, Atelostomata, 2. Spatangoida (1). Monograph of the Palaeontographical Society, Publication No. 630, issued as part of Volume 162 for 2008, pp. 569-635	† <i>Epiaster brevipetalus</i>	Echinodermata: Echinoidea: Atelostomata: Spatangoida: Micrasterina: fam. indet.	ENGLAND: Kent*
Smith, A.B.; Wright, C.W. (2008) British Cretaceous Echinoids. Part 8, Atelostomata, 2. Spatangoida (1). Monograph of the Palaeontographical Society, Publication No. 630, issued as part of Volume 162 for 2008, pp. 569-635	† <i>Hemiaster anisopetalus</i>	Echinodermata: Echinoidea: Atelostomata: Spatangoida: Hemiasterina: Hemiasteridae	ENGLAND: Kent*
Smith, A.B.; Wright, C.W. (2008) British Cretaceous Echinoids. Part 8, Atelostomata, 2. Spatangoida (1). Monograph of the Palaeontographical Society, Publication No. 630, issued as part of Volume 162 for 2008, pp. 569-635	† <i>Heteraster (Enallaster) hemiheterus</i>	Echinodermata: Echinoidea: Atelostomata: Spatangoida:	ENGLAND: Surrey*

Smith, A.B.; Wright, C.W. (2008) British Cretaceous Echinoids. Part 8, Atelostomata, 2. Spatangoida (1). Monograph of the Palaeontographical Society, Publication No. 630, issued as part of Volume 162 for 2008, pp. 569-635	† <i>Pliotoxaster angustisulcus</i>	Echinodermata: Echinoidea: Atelostomata: Spatangoida:	ENGLAND: Devon*
Smith, Jon J.; Hasiotis, Stephen T.; Kraus, Mary J.; Woody, Daniel T. (2008) <i>Naktodemasis bowni</i> : New ichnogenus and ichnospecies for adhesive meniscate burrows (AMB), and paleoenvironmental implications, Paleogene Willwood Formation, Bighorn Basin, Wyoming. Journal of Paleontology 82(2): 267-278	† <i>Naktodemasis bowni</i> isp. n.	taxonomy uncertain	USA: Wyoming: Big Horn County* (near Greybull)
Smith, Krister T.; Buchy, Marie-Céline (2008) A new Aigialosaur (Squamata: Anguimorpha) with soft tissue remains from the Upper Cretaceous of Nuevo León, Mexico. Journal of Vertebrate Paleontology 28(1): 85-94	† <i>Vallecillosaurus donrobertoi</i>	Squamata: Anguimorpha: Mosasauroidea: fam. indet.	MEXICO: Nuevo León*
Smith, Selena Y.; Collinson, Margaret E.; Rudall, Paula J. (2008) Fossil <i>Cyclanthus</i> (Cyclanthaceae, Pandanales) from the Eocene of Germany and England. American Journal of Botany 95(6): 688-699	† <i>Cyclanthus messelensis</i> S.Y. Smith, Collinson & Rudall	Angiospermae: Pandanales: Cyclanthaceae	GERMANY: Hesse*
Sokač, Branko; Grgasović, Tonči (2008) On some <i>Salpingoporella</i> species from the Lower Cretaceous of Dinaric karst. Geologia Croatica 61(2-3): 251-271	† <i>Salpingoporella tari</i>	Angiospermae: Chlorophyta : Dasycladales: Triploporellaceae	CROATIA: Istria*
Sotnikova, M.V. (2008) A new species of lesser panda <i>Parailurus</i> (Mammalia, Carnivora) from the Pliocene of Transbaikalia (Russia) and some aspects of ailurine phylogeny. Paleontological Journal 42(1): 90-99 [Paleontologicheskii Zhurnal 2008(1): 92-102 (in Russian)]	† <i>Parailurus baikalicus</i> Sotnikova	Mammalia: Carnivora: Caniformia: Musteloidea: Ailuridae	RUSSIA: Buryatia Republic*
Sprinkle, James; Smrall, Colin D. (2008) New parablasteroids from the western United States. University of Kansas Paleontological Contributions 16: 1-14	† <i>Eurekablastus ninemilensis</i>	Echinodermata: Blastozoa: Blastocystidae	USA: Nevada: Eureka County*
Sprinkle, James; Smrall, Colin D. (2008) New parablasteroids from the western United States. University of Kansas Paleontological Contributions 16: 1-14	† <i>Eurekablastus rozhnovi</i>	Echinodermata: Blastozoa: Blastocystidae	USA: Utah: Millard County*
Squires, Richard L. (2008) Eocene megapaleontology, stratigraphy, and depositional environments, Elsmere Canyon, Los Angeles County, southern California. Contributions in Science / Natural History Museum of Los Angeles County 517: 1-19	† <i>Solariella walkeri</i>	Mollusca: Gastropoda: Solariellidae	USA: California: Los Angeles County*
Srivastava, D.K.; Singh, Hukam (2008) Brissid echinoid <i>Eupatagus</i> L. Agassiz, 1847 from The Khuiala Formation, Jaisalmer district, Rajasthan, India. Earth Science India 1(2): 66-71	† <i>Eupatagus rajasthanensis</i>	Echinoderma: Echinoidea: Spatangoida: Brissidae	INDIA: Rajasthan*
Srivastava, Dinesh Kumar; Singh, Ajai Pratap; Tiwari, Raghavendra Prasad; Jauhari, Anil Kumar (2008) Cassiduloids (Echinoidea) from the Siju Formation (late Lutetian-early Bartonian) of the South Garo Hills, Meghalaya, India. Revue de Paléobiologie 27(2): 511-523	† <i>Echinolampas garoensis</i>	Echinodermata: Echinoidea: Cassiduloida: Echinolampadidae	INDIA: Meghalaya State*

Srivastava, Dinesh Kumar; Singh, Ajai Pratap; Tiwari, Raghavendra Prasad; Jauhri, Anil Kumar (2008) Cassiduloids (Echinoidea) from the Siju Formation (late Lutetian-early Bartonian) of the South Garo Hills, Meghalaya, India. <i>Revue de Paléobiologie</i> 27(2): 511-523	† <i>Gitolampas mcnamarae</i>	Echinodermata: Echinoidea: Cassiduloida: Pilolampadidae	INDIA: Meghalaya State*
Srivastava, Dinesh Kumar; Singh, Ajai Pratap; Tiwari, Raghavendra Prasad; Jauhri, Anil Kumar (2008) Cassiduloids (Echinoidea) from the Siju Formation (late Lutetian-early Bartonian) of the South Garo Hills, Meghalaya, India. <i>Revue de Paléobiologie</i> 27(2): 511-523	† <i>Rhyncholampas smithi</i>	Echinodermata: Echinoidea: Cassiduloida: Cassidulidae	INDIA: Meghalaya State*
Steadman, David W. (2008) Doves (Columbidae and cuckoos (Cuculidae) from the Early Miocene of Florida. <i>Bulletin of the Florida Museum of Natural History</i> 48(1): 1-16	† <i>Thomasococcyx philohippus</i>	Aves: Cuculidae	USA: Florida: Gllchrist County*
Stecher, Rico (2008) A new Triassic pterosaur from Switzerland (Central Austroalpine, Grisons), <i>Raeticodactylus filisurens</i> gen. et sp. nov. <i>Swiss Journal of Geosciences</i> 101(1): 185-201	† <i>Raeticodactylus filisurens</i>	Reptilia: Archosauria: Pterosauria: fam. indet.	SWITZERLAND: Graubünden / Grisons Canton*
Steemans, Philippe; Rubinstein, Claudia; de Melo, José Henrique G. (2008) Siluro-Devonian miospore biostratigraphy of the Urubu River area, western Amazon Basin, northern Brazil. <i>Geobios</i> 41(2): 263-282	† <i>Artemopyra urubuense</i>	Angiospermae: ?	BRAZIL: Amazonas*
Steemans, Philippe; Rubinstein, Claudia; de Melo, José Henrique G. (2008) Siluro-Devonian miospore biostratigraphy of the Urubu River area, western Amazon Basin, northern Brazil. <i>Geobios</i> 41(2): 263-282	† <i>Retusotriletes amazonensis</i>	Angiospermae: ?	BRAZIL: Amazonas*
Stephenson, Michael H. (2008) Spores and pollen from the Middle and Upper Gharif Members (Permian) of Oman. <i>Palynology</i> 32: 157-182	† <i>Indotriradites ater</i>	Anteturma Proximegerminantes: Turma Triletes: Suprasubturma Cameratitriletes: Subturma Membranatritriletes: Infraturma Cingulicamerati	OMAN: Al Wusta Governorate*
Stephenson, Michael H. (2008) Spores and pollen from the Middle and Upper Gharif Members (Permian) of Oman. <i>Palynology</i> 32: 157-182	† <i>Indotriradites mundus</i>	Anteturma Proximegerminantes: Turma Triletes: Suprasubturma Cameratitriletes: Subturma Membranatritriletes: Infraturma Cingulicamerati	OMAN: Al Wusta Governorate*

Stephenson, Michael H. (2008) Spores and pollen from the Middle and Upper Gharif Members (Permian) of Oman. <i>Palynology</i> 32: 157-182	† <i>Kendosporites robustus</i>	Anteturma Proximegerminantes: Turma Monoletes: Subturma Azonomonoletes: Infraturma Sculptatomonoleti	OMAN: Al Wusta Governorate*
Stephenson, Michael H. (2008) Spores and pollen from the Middle and Upper Gharif Members (Permian) of Oman. <i>Palynology</i> 32: 157-182	† <i>Kingiacolpites subsaccatus</i>	Anteturma Variegerminantes: Turma Plicates: Subturma Monocolpates	OMAN: Al Wusta Governorate*
Stephenson, Michael H. (2008) Spores and pollen from the Middle and Upper Gharif Members (Permian) of Oman. <i>Palynology</i> 32: 157-182	† <i>Tiwariasporis? granulatus</i>	Anteturma Variegerminantes: Turma Plicates: Subturma Costates: Infraturma Costati	OMAN: Al Wusta Governorate*
Sterli, Juliana (2008) A new, nearly complete stem turtle from the Jurassic of South America with implications for turtle evolution. <i>Biology Letters</i> 4(3): 286-289	† <i>Condorchelys antiqua</i>	Testudinata: fam. indet.	ARGENTINA: Chubut Province*
Stevens, Calvin H. (2008) Fasciculate rugose corals from Gzhelian and Lower Permian strata, Pequop Mountains, northeast Nevada. <i>Journal of Paleontology</i> 82(6): 1190-1200	† <i>Durhamina primitiva</i>	Cnidaria: Durhaminidae	USA: Nevada: Elko County*
Stevens, Calvin H. (2008) Fasciculate rugose corals from Gzhelian and Lower Permian strata, Pequop Mountains, northeast Nevada. <i>Journal of Paleontology</i> 82(6): 1190-1200	† <i>Durhamina snyderi</i>	Cnidaria: Durhaminidae	USA: Nevada: Elko County*
Stevens, Calvin H. (2008) Fasciculate rugose corals from Gzhelian and Lower Permian strata, Pequop Mountains, northeast Nevada. <i>Journal of Paleontology</i> 82(6): 1190-1200	† <i>Heintzella davydovi</i>	Cnidaria: Kleopatriniidae	USA: Nevada: Elko County*
Stevens, Calvin H. (2008) Fasciculate rugose corals from Gzhelian and Lower Permian strata, Pequop Mountains, northeast Nevada. <i>Journal of Paleontology</i> 82(6): 1190-1200	† <i>Paraheiritschioides nevadensis</i>	Cnidaria: Kleopatriniidae	USA: Nevada: Elko County*
Stevens, Calvin H. (2008) Fasciculate rugose corals from Gzhelian and Lower Permian strata, Pequop Mountains, northeast Nevada. <i>Journal of Paleontology</i> 82(6): 1190-1200	† <i>Sandolasma perplexa</i>	Cnidaria: Durhaminidae	USA: Nevada: Elko County*
Stevens, Calvin H. (2008) Fasciculate rugose corals from Gzhelian and Lower Permian strata, Pequop Mountains, northeast Nevada. <i>Journal of Paleontology</i> 82(6): 1190-1200	† <i>Wilsonastraea fraseri</i>	Cnidaria: Kleopatriniidae	USA: Nevada: Elko County*
Stevens, G.R. (2008) Dactylioceratidae (Cephalopoda, Ammonoidea) from the Early Jurassic of New Zealand. <i>New Zealand Journal of Geology and Geophysics</i> 51(4): 317-330	† <i>Catacoeloceras grangei</i>	Mollusca: Cephalopoda: Ammonoidea: Dactylioceratidae	NEW ZEALAND: Waikato*

Stewart, Kathlyn M.; Murray, Alison M. (2008) Fish remains from the Plio-Pleistocene Shungura Formation, Omo River basin, Ethiopia. <i>Geobios</i> 41(2): 283-295	† <i>Lates arambourgi</i>	Teleostei: Perciformes: Latidae	ETHIOPIA: Southern Nations, Nationalities and People's Region*
Stewart, Kathlyn M.; Murray, Alison M. (2008) Fish remains from the Plio-Pleistocene Shungura Formation, Omo River basin, Ethiopia. <i>Geobios</i> 41(2): 283-295	† <i>Sindacharax omoensis</i>	Teleostei: Characiformes: Alestidae	ETHIOPIA: Southern Nations, Nationalities and People's Region*
Stigall, Alycia L.; Hartman, Joseph H. (2008) A new spinicaudatan genus (Crustacea: 'Conchostraca') from the Late Cretaceous of Madagascar. <i>Palaeontology</i> 51(5):1053-1067	† <i>Ethmosestheria mahajangaensis</i>	Crustacea: Branchiopoda: Antronestheriidae	MADAGASCAR: Mahajanga*
Stockey, Ruth A.; Wiebe, Nicholas J.P. (2008) Lower Cretaceous conifers from Apple Bay, Vancouver Island: <i>Picea</i> -like leaves, <i>Midoriphyllum piceoides</i> gen. et sp. nov. (Pinaceae). <i>Botany</i> 86(7): 649-657	† <i>Midoriphyllum piceoides</i> Stockey & Wiebe	Angiospermae: Pinales: Pinaceae	CANADA: British Columbia*
Štorch, Petr; Feist, Raimund (2008) Lowermost Silurian graptolites of Montagne Noire, France. <i>Journal of Paleontology</i> 82(5): 938-956	† <i>Dimorphograptus compactus</i>	Hemichordata: Graptolithina: Graptoloidea: Dimorphograptidae	FRANCE: Languedoc-Roussillon Region* (Hérault Department)
Štorch, Petr; Feist, Raimund (2008) Lowermost Silurian graptolites of Montagne Noire, France. <i>Journal of Paleontology</i> 82(5): 938-956	† <i>Huttagraptus solidus</i>	Hemichordata: Graptolithina: Graptoloidea: Monograptidae	FRANCE: Languedoc-Roussillon Region* (Hérault Department)
Štorch, Petr; Feist, Raimund (2008) Lowermost Silurian graptolites of Montagne Noire, France. <i>Journal of Paleontology</i> 82(5): 938-956	† <i>Neodiplograptus lautus</i>	Hemichordata: Graptolithina: Graptoloidea: Normalograptidae	CZECH REPUBLIC: (Barrandian area of central and western Bohemia)
Štorch, Petr; Feist, Raimund (2008) Lowermost Silurian graptolites of Montagne Noire, France. <i>Journal of Paleontology</i> 82(5): 938-956	† <i>Neodiplograptus lautus</i>	Hemichordata: Graptolithina: Graptoloidea: Normalograptidae	FRANCE: Languedoc-Roussillon Region* (Hérault Department)
Štorch, Petr; Feist, Raimund (2008) Lowermost Silurian graptolites of Montagne Noire, France. <i>Journal of Paleontology</i> 82(5): 938-956	† <i>Normalograptus crassus</i>	Hemichordata: Graptolithina: Graptoloidea: Normalograptidae	FRANCE: Languedoc-Roussillon Region* (Hérault Department)
Štorch, Petr; Feist, Raimund (2008) Lowermost Silurian graptolites of Montagne Noire, France. <i>Journal of Paleontology</i> 82(5): 938-956	† <i>Normalograptus crassus</i>	Hemichordata: Graptolithina: Graptoloidea: Normalograptidae	ITALY: Sardinia Region*

Streng, Michael; Holmer, Lars E.; Popov, Leonid E.; Budd, Graham E. (2008) Columnar shell structures in early linguloid brachiopods: New data from the Middle Cambrian of Sweden. Earth and Environmental Science Transactions of the Royal Society of Edinburgh 98(3-4): 221-232	† <i>Canalilatus? simplex</i>	Brachiopoda: Lingulata: Fam indet	SWEDEN: Skåne County*
Stroiński, Adam; Szwed, Jacek (2008) <i>Thionia douglundbergi</i> sp.nov. from the Miocene Dominican amber (Hemiptera: Fulgoromorpha: Issidae) with notes on extinct higher planthoppers. Annales Zoologici 58(3): 529-536	† <i>Thionia douglundbergi</i>	Hemiptera: Fulgoromorpha: Issidae	DOMINICAN REPUBLIC: "Dominican amber"
Strother, Paul K. (2008) A new Cambrian acritarch from the Nolichucky Shale, eastern Tennessee, USA. Palynology 32: 205-212	† <i>Auritusphaera bifurcata</i>	Acritarcha: incertae sedis	USA: Tennessee: (Oak Ridge National Laboratories--which includes parts of Anderson and Roane Counties)
Sukhanov, Vladimir B.; Danilov, Igor G.; Syromyatnikova, Elena V. (2008) The description and phylogenetic position of a new nanhsiungchelyid turtle from the Late Cretaceous of Mongolia. Acta Palaeontologica Polonica 53(4): 601-614	† <i>Kharakhutulia kalandadzei</i>	Reptilia: Testudines: Cryptodira: Nanhsiungchelyidae	MONGOLIA: Dornogovi*
Sulser, Heinz; Furrer, Heinz (2008) Dimerelloid rhynchonellide brachiopods in the Lower Jurassic of the Engadine (Canton Graubünden, National Park, Switzerland). Swiss Journal of Geosciences 101(1): 203-222	† <i>Carapezzia engadinensis</i>	Brachiopoda: Rhynchonellata: Rhynchonellida: Dimerelloidea: fam. indet.	SWITZERLAND: Graubünden Canton*
Sulser, Heinz; Furrer, Heinz (2008) Dimerelloid rhynchonellide brachiopods in the Lower Jurassic of the Engadine (Canton Graubünden, National Park, Switzerland). Swiss Journal of Geosciences 101(1): 203-222	† <i>Sulcirostra doesseggeri</i>	Brachiopoda: Rhynchonellata: Rhynchonellida: Dimerelloidea: Dimerellidae	SWITZERLAND: Graubünden Canton*
Sun, Chunlin; Dilcher, David L.; Wang, Hongshan; Sun, Ge; Ge, Yuhui (2008) A study of <i>Ginkgo</i> leaves from the Middle Jurassic of Inner Mongolia, China. International Journal of Plant Sciences 169(8): 1128-1139	† <i>Ginkgo shiguaiensis</i>	Ginkgophyta: Ginkgoales: Ginkgoaceae	CHINA: Inner Mongolia*
Sun, Yuanlin; Baliński, Andrzej (2008) Silicified Mississippian brachiopods from Muhua, southern China. Lingulids, craniids, strophomenids, productids, orthotetids, and orthids. Acta Palaeontologica Polonica 53(3): 485-524	† <i>Globosochonetes gracilis</i>	Brachiopoda: Productida: Chonetidina: Chonetoidea: Anopliidae	CHINA: Guizhou*
Sun, Yuanlin; Baliński, Andrzej (2008) Silicified Mississippian brachiopods from Muhua, southern China. Lingulids, craniids, strophomenids, productids, orthotetids, and orthids. Acta Palaeontologica Polonica 53(3): 485-524	† <i>Lamellispirina spinosa</i>	Brachiopoda: Orthotetida: Orthotetidina: Orthotetoidea: Schuchertellidae	CHINA: Guizhou*

Sun, Yuanlin; Baliński, Andrzej (2008) Silicified Mississippian brachiopods from Muhua, southern China. Lingulids, craniids, strophomenids, productids, orthotetids, and orthids. Acta Palaeontologica Polonica 53(3): 485-524	† <i>Nematocrania pilea</i>	Brachiopoda: Craniata: Craniida: Craniidae	CHINA: Guizhou*
Sun, Yuanlin; Baliński, Andrzej (2008) Silicified Mississippian brachiopods from Muhua, southern China. Lingulids, craniids, strophomenids, productids, orthotetids, and orthids. Acta Palaeontologica Polonica 53(3): 485-524	† <i>Subglobosochonetes gedongguanensis</i>	Brachiopoda: Productida: Chonetidina: Chonetoidea: Anopliidae	CHINA: Guizhou*
Sun, Zuoyu; Tintori, Andrea; Lombardo, Cristina; Jiang, Dayong; Hao, Weicheng; Sun, Yuanlin; Wu, Feixiang; Rusconi, Marco (2008) A new species of the genus <i>Colobodus</i> Agassiz, 1844 (Osteichthyes, Actinopterygii) from the Pelsonian (Anisian, Middle Triassic) of Guizhou, South China. Rivista Italiana di Paleontologia e Stratigrafia 114(3): 363-376	† <i>Colobodus baii</i>	Osteichthyes: Actinopterygii: Perleidiformes: Colobodontidae	CHINA: Guizhou Province*
Svobodová, Marcela; Vavrdová, Milada (2008) <i>Spesovicornea pacitovae</i> gen. nov. et sp. nov., a new elateroid sporomorph from the Bohemian Cenomanian (Czech Republic). Sborník Národního Muzea v Praze Řada B - Přírodní Vědy / Acta Musei Nationalis Pragae Series B - Historia Naturalis 64(2-4): 133-138	† <i>Spesovicornea pacitovae</i>	Angiospermae: "botanical affinities unclear"	CZECH REPUBLIC: South Moravia*
Sweetman, Steven C. (2008) A spalacolestine spalacotheriid (Mammalia, Trechnotheria) from the Early Cretaceous (Barremian) of southern England and its bearing on spalacotheriid evolution. Palaeontology 51(6):1367-1385	† <i>Yaverlestes gassoni</i>	Mammalia: Trechontheria: Spalacotheriidae	ENGLAND: Isle of Wight*
Szabó, János (2008) A nomenclatorial revision of <i>Pleurotomaria suessii</i> Hörnes, 1853 and <i>Cyclostomaria</i> Szabó, 1980 (Pleurotomarioidea, Gastropoda). Neues Jahrbuch für Geologie und Paläontologie 250(2): 167-176	† <i>Anodomaria stojaspali</i>	Mollusca: Gastropoda: Pleurotomarioidea: Phymatopleuridae	AUSTRIA: Upper Austria*
Szabó, János (2008) A nomenclatorial revision of <i>Pleurotomaria suessii</i> Hörnes, 1853 and <i>Cyclostomaria</i> Szabó, 1980 (Pleurotomarioidea, Gastropoda). Neues Jahrbuch für Geologie und Paläontologie 250(2): 167-176	† <i>Cyclostomaria monarii</i>	Mollusca: Gastropoda: Pleurotomarioidea: Gosseletinidae	AUSTRIA: Upper Austria*
Szabó, János (2008) A nomenclatorial revision of <i>Pleurotomaria suessii</i> Hörnes, 1853 and <i>Cyclostomaria</i> Szabó, 1980 (Pleurotomarioidea, Gastropoda). Neues Jahrbuch für Geologie und Paläontologie 250(2): 167-176	† <i>Cyclostomaria monarii</i>	Mollusca: Gastropoda: Pleurotomarioidea: Gosseletinidae	HUNGARY (Kavas-hegy)
Szabó, János (2008) A nomenclatorial revision of <i>Pleurotomaria suessii</i> Hörnes, 1853 and <i>Cyclostomaria</i> Szabó, 1980 (Pleurotomarioidea, Gastropoda). Neues Jahrbuch für Geologie und Paläontologie 250(2): 167-176	† <i>Cyclostomaria monarii</i>	Mollusca: Gastropoda: Pleurotomarioidea: Gosseletinidae	HUNGARY: Veszprem County*
Szabó, János (2008) A nomenclatorial revision of <i>Pleurotomaria suessii</i> Hörnes, 1853 and <i>Cyclostomaria</i> Szabó, 1980 (Pleurotomarioidea, Gastropoda). Neues Jahrbuch für Geologie und Paläontologie 250(2): 167-176	† <i>Cyclostomaria monarii</i>	Mollusca: Gastropoda: Pleurotomarioidea: Gosseletinidae	ITALY: Sicily*

Szabó, János (2008) A nomenclatorial revision of <i>Pleurotomaria suessii</i> Hörnes, 1853 and <i>Cyclostomaria</i> Szabó, 1980 (Pleurotomarioidea, Gastropoda). Neues Jahrbuch für Geologie und Paläontologie 250(2): 167-176	† <i>Trochotomaria lobitzeri</i>	Mollusca: Gastropoda: Pleurotomarioidea: Phymatopleuridae	AUSTRIA: Upper Austria*
Szives, Otilia (2008) Two new species of <i>Constrictoceras</i> nov. gen. (Ammonoidea) from the Early Cretaceous (Aptian) of Hungary. Geobios 41(2): 297-305	† <i>Constrictoceras foezyi</i>	Mollusca: Cephalopoda: Ammonoidea: Parahoplitidae	HUNGARY: Komárom-Esztergom County*
Szives, Otilia (2008) Two new species of <i>Constrictoceras</i> nov. gen. (Ammonoidea) from the Early Cretaceous (Aptian) of Hungary. Geobios 41(2): 297-305	† <i>Constrictoceras steineri</i>	Mollusca: Cephalopoda: Ammonoidea: Parahoplitidae	HUNGARY: Komárom-Esztergom County*
Szwedo, Jacek (2008) A new tribe of Dictyopharidae planthoppers from Eocene Baltic amber (Hemiptera: Fulgoromorpha: Fulgoroidea), with a brief review of the fossil record of the family. Palaeodiversity 1: 75-85	† <i>Worskaito stenexi</i>	Hemiptera: Fulgoromorpha: Fulgoroidea: Dictyopharidae	("Baltic amber")
Szwedo, Jacek; Gębicki, Cezary (2008) <i>Protodikraneura ferraria</i> sp. nov. from the Eocene Baltic amber (Hemiptera: Cicadellidae: Protodikraneurini). Alavesia 2: 177-181	† <i>Protodikraneura ferraria</i>	Hemiptera: Cicadellidae	("Baltic amber")
Szyndlar, Zbigniew; Smith, Richard; Rage, Jean-Claude (2008) A new dwarf boa (Serpentes, Booidea, 'Tropidophiidae') from the Early Oligocene of Belgium: A case of the isolation of Western European snake faunas. Zoological Journal of the Linnean Society 152(2):393-406	† <i>Falseryx neervelpensis</i>	Reptilia: Serpentes: Booidea: Tropidophiidae	BELGIUM: Flemish Brabant*
Taboada, A.C. (2008) First record of the Late Palaeozoic brachiopod <i>Verchojania</i> Abramov in Patagonia, Argentina. Proceedings of the Royal Society of Victoria 120(1): 305-319	† <i>Verchojania archboldi</i>	Brachiopoda: Strophomenata: Productida: Overtoniidae	ARGENTINA: Chubut*
Taboada, A.C. (2008) First record of the Late Palaeozoic brachiopod <i>Verchojania</i> Abramov in Patagonia, Argentina. Proceedings of the Royal Society of Victoria 120(1): 305-319	† <i>Verchojania inacayali</i>	Brachiopoda: Strophomenata: Productida: Overtoniidae	ARGENTINA: Chubut*
Takahashi, Masamichi; Friis, Else Marie; Herendeen, Patrick S.; Crane, Peter R. (2008) Fossil flowers of Fagales from the Kamikitaba locality (Early Coniacian; Late Cretaceous) of northeastern Japan. International Journal of Plant Sciences 169(7): 899-907	† <i>Archaeofagacea futabensis</i> Takahashi, Friis, Herendeen & Crane	Angiospermae: Fagales: fam. indet.	JAPAN: Aomori Prefecture*
Takahashi, Masamichi; Friis, Else Marie; Uesugi, Kentaro; Suzuki, Yoshio; Crane, Peter R. (2008) Floral evidence of Annonaceae from the Late Cretaceous of Japan. International Journal of Plant Sciences 169(7): 908-917	† <i>Futabanthus asamigawaensis</i> Takahashi, Friis, Uesugi, Suzuki & Crane	Angiospermae: Annonaceae	JAPAN: Aomori Prefecture*
Takeuchi, Gary T.; Huddleston, Richard W. (2008) A new Early Miocene species of <i>Pogonias</i> (Teleostei: Sciaenidae) based on otoliths from California. Bulletin Southern California Academy of Sciences 107(2): 68–80	† <i>Pogonias stringeri</i>	Actinopterygii: Sciaenidae	USA: California: Kern County*

Takeuchi, Gary T.; Huddleston, Richard W. (2008) <i>Genyonemus whistleri</i> new species, a late Miocene sciaenid fish from California. In: <i>Geology and Vertebrate Paleontology of Western and Southern North America: Contributions in Honor of David P. Whistler</i> . X. Wang and L.G. Barnes, eds. Natural History Museum of Los Angeles County Science Series 41. Natural History Museum of Los Angeles County: Los Angeles, pp. 279-291	† <i>Genyonemus whistleri</i>	Actinopterygii: Perciformes: Sciaenidae	USA: California: Los Angeles County*
Takimoto, Hideo; Ohana, Tamiko; Kimura, Tatsuaki (2008) New fossil plants from the Upper Jurassic Tochikubo and Tomizawa formations, Somanakamura Group, Fukushima Prefecture, northeast Japan. <i>Paleontological Research</i> 12(2): 129-144	† <i>Pelourdea nipponica</i>	plant, "unclassified"	JAPAN: Fukushima Prefecture*
Takimoto, Hideo; Ohana, Tamiko; Kimura, Tatsuaki (2008) New fossil plants from the Upper Jurassic Tochikubo and Tomizawa formations, Somanakamura Group, Fukushima Prefecture, northeast Japan. <i>Paleontological Research</i> 12(2): 129-144	† <i>Taeniatius elongatus</i>	plant, "unclassified"	JAPAN: Fukushima Prefecture*
Takimoto, Hideo; Ohana, Tamiko; Kimura, Tatsuaki (2008) New fossil plants from the Upper Jurassic Tochikubo and Tomizawa formations, Somanakamura Group, Fukushima Prefecture, northeast Japan. <i>Paleontological Research</i> 12(2): 129-144	† <i>Taeniopteris somaensis</i>	plant, "unclassified"	JAPAN: Fukushima Prefecture*
Tanabe, Kazushige; Trask, Pat; Ross, Rick; Hikida, Yoshinori (2008) Late Cretaceous octobrachiata coleoid lower jaws from the North Pacific regions. <i>Journal of Paleontology</i> 82(2): 398-408	† <i>Nanaimoteuthis jeletzkyi</i>	Mollusca: Cephalopoda: Vampyromorphida: fam. indet.	CANADA: British Columbia*
Tanabe, Kazushige; Trask, Pat; Ross, Rick; Hikida, Yoshinori (2008) Late Cretaceous octobrachiata coleoid lower jaws from the North Pacific regions. <i>Journal of Paleontology</i> 82(2): 398-408	† <i>Paleocirroteuthis haggarti</i>	Mollusca: Cephalopoda: Cirroctopodida: fam. indet.	CANADA: British Columbia*
Tanabe, Kazushige; Trask, Pat; Ross, Rick; Hikida, Yoshinori (2008) Late Cretaceous octobrachiata coleoid lower jaws from the North Pacific regions. <i>Journal of Paleontology</i> 82(2): 398-408	† <i>Paleocirroteuthis pacifica</i>	Mollusca: Cephalopoda: Cirroctopodida: fam. indet.	CANADA: British Columbia*
Tanabe, Kazushige; Trask, Pat; Ross, Rick; Hikida, Yoshinori (2008) Late Cretaceous octobrachiata coleoid lower jaws from the North Pacific regions. <i>Journal of Paleontology</i> 82(2): 398-408	† <i>Paleocirroteuthis pacifica</i>	Mollusca: Cephalopoda: Cirroctopodida: fam. indet.	JAPAN: Hokkaidō Prefecture*
Tang, Lan; He, Xin-yi; Chen, Jian-qiang (2008) [Revision of genera and species of Silurian stauriid corals from Yangtze Region]. <i>Acta Palaeontologica Sinica</i> 47(4): 427-443 (in Chinese, with English summary and species descriptions)	† <i>Eostauria stauriata</i> Tang	Cnidaria: Anthozoa: Stauriidae	CHINA: Guizhou*
Tang, Lan; He, Xin-yi; Chen, Jian-qiang (2008) [Revision of genera and species of Silurian stauriid corals from Yangtze Region]. <i>Acta Palaeontologica Sinica</i> 47(4): 427-443 (in Chinese, with English summary and species descriptions)	† <i>Paraceriaster baishaensis</i> Tang	Cnidaria: Anthozoa: Stauriidae	CHINA: Guizhou*
Tang, Lan; He, Xin-yi; Chen, Jian-qiang (2008) [Revision of genera and species of Silurian stauriid corals from Yangtze Region]. <i>Acta Palaeontologica Sinica</i> 47(4): 427-443 (in Chinese, with English summary and species descriptions)	† <i>Paraceriaster micropora</i> Tang	Cnidaria: Anthozoa: Stauriidae	CHINA: Sichuan*
Tao, Hsi-Jen; Hu, Chung-Hung (2008) [Fossil Chondrichthyes fishes of Chia-hsien, Kaoshung County, Taiwan]. <i>Journal of the National Taiwan Museum</i> 61(2): 41-62 (in Chinese)	† <i>Hemipristis liui</i>	Chondrichthyes: Lamniformes: Hemigaleidae	TAIWAN: Kaohsiung*

Tapanila, Leif (2008) The medium is the message: Imaging a complex microboring (<i>Pyrodendrina cupra</i> igen.n., isp.n.) from the early Paleozoic of Anticosti Island, Canada. In: Current Developments in Bioerosion (Max Wisshak and Leif Tapanila, eds.) Springer: Berlin, pp. 123-145	† <i>Pyrodendrina cupra</i> isp.n.	ifam Dendrinidae	CANADA
Taverne, Louis (2008) Les poissons crétacés de Nardò. 27°. <i>Leccedercetis longirostris</i> gen. et sp. nov. (Teleostei, Aulopiformes, Dercetidae). Bollettino del Museo Civico di Storia Naturale di Verona, Geologia Paleontologia Preistoria 32:3-8	† <i>Leccedercetis longirostris</i>	Teleostei: Aulopiformes: Dercetidae	ITALY: Apulia Region* (Lecce Province)
Taverne, Louis (2008) Les poissons crétacés de Nardò. 28°. <i>Sardinioides frigoae</i> sp. nov. (Teleostei, Myctophiformes, Sardinioideidae). Bollettino del Museo Civico di Storia Naturale di Verona, Geologia Paleontologia Preistoria 32:9-17	† <i>Sardinioides frigoae</i>	Teleostei: Myctophiformes: Sardinioideidae	ITALY: Apulia Region* (Lecce Province)
Taverne, Louis (2008) Les poissons crétacés de Nardò. 29°. <i>Nardopiscis cavini</i> gen. et sp. nov. (Teleostei, Crossognathiformes, Pachyrhizodontidae). Bollettino del Museo Civico di Storia Naturale di Verona, Geologia Paleontologia Preistoria 32:19-28	† <i>Nardopiscis cavini</i>	Teleostei: Crossognathiformes: Pachyrhizodontidae	ITALY: Apulia Region* (Lecce Province)
Taverne, Louis; de Cosmo, Pietro Domenico (2008) Les poissons du Santonien (Crétacé supérieur) d'Apricena (Italie du Sud). 1°. <i>Chanoides weberi</i> sp. nov. (Teleostei, Ostariophysi, Otophysi, Chanoididae). Bollettino del Museo Civico di Storia Naturale di Verona, Geologia Paleontologia Preistoria 32:29-38	† <i>Chanoides weberi</i>	Teleostei: Ostariophysi: Chanoididae	ITALY: Apulia Region* (Foggia Province)
Taylor, David Winship; Brenner, Gilbert J.; Basha, Sa'd Hasan (2008) <i>Scutifolium jordanicum</i> gen. et sp. nov. (Cabombaceae), an aquatic fossil plant from the Lower Cretaceous of Jordan, and the relationships of related leaf fossils to living genera. American Journal of Botany 95(3): 340-352	† <i>Scutifolium jordanicum</i> Taylor, Brenner & Basha	Nymphaeales: Cabombaceae	JORDAN: Amman Governorate*
Taylor, Paul D. (2008) Late Cretaceous cheilostome bryozoans from California and Baja California. Journal of Paleontology 82(4): 823-834	† <i>Onychocella schopforum</i>	Bryozoa: Cheilostomata: Onychocellidae	MEXICO: Baja California*
Taylor, Paul D. (2008) Late Cretaceous cheilostome bryozoans from California and Baja California. Journal of Paleontology 82(4): 823-834	† <i>Trichinopolia californica</i>	Bryozoa: Cheilostomata: Arachnopursiidae	USA: California: San Diego County*
Taylor, Paul D. (2008) Late Cretaceous cheilostome bryozoans from California and Baja California. Journal of Paleontology 82(4): 823-834	† <i>Trichinopolia lata</i>	Bryozoa: Cheilostomata: Arachnopursiidae	MEXICO: Baja California*
Taylor, Paul D. (2008) Late Cretaceous cheilostome bryozoans from California and Baja California. Journal of Paleontology 82(4): 823-834	† <i>Wilbertopora sanneriae</i>	Bryozoa: Cheilostomata: Calloporidae	MEXICO: Baja California*
Taylor, Paul D. (2008) Late Cretaceous cheilostome bryozoans from California and Baja California. Journal of Paleontology 82(4): 823-834	† <i>Wilbertopora sanneriae</i>	Bryozoa: Cheilostomata: Calloporidae	USA: California: San Diego County*
Taylor, Paul D.; Casadío, Silvio; Gordon, Dennis P. (2008) A rare form of frontal shield development in the new cheilostome bryozoan genus <i>Uharella</i> from the Eocene of Antarctica. Paläontologische Zeitschrift 82(3): 262-268	† <i>Uharella seymourensis</i>	Bryozoa: Cheilostomata: Neocheilostomina: Brydonellidae	ANTARCTICA (Seymour Island)

Tazawa, J. (2008) A bipolar brachiopod genus <i>Terrakea</i> Booker, 1930 from the Middle Permian of the South Kitakami Belt, northeast Japan. <i>Proceedings of the Royal Society of Victoria</i> 120(1): 332-340	† <i>Terrakea japonica</i>	Brachiopoda: Strophomenata: Productida: Linoproductidae	JAPAN: Iwate Prefecture*
Tazawa, Jun-ichi (2008) Brachiopods from the Upper Permian Takakurayama Formation, Abukuma Mountains, northeast Japan. <i>Science Reports of Niigata University (Geology)</i> 23:13-53	† <i>Chonetinella iwakiensis</i>	Brachiopoda: Productida: Chonetidina: Chonetoidea: Rugosochonetidae	JAPAN: Fukushima Prefecture*
Tazawa, Jun-ichi (2008) Brachiopods from the Upper Permian Takakurayama Formation, Abukuma Mountains, northeast Japan. <i>Science Reports of Niigata University (Geology)</i> 23:13-53	† <i>Chonetinella transversa</i>	Brachiopoda: Productida: Chonetidina: Chonetoidea: Rugosochonetidae	JAPAN: Fukushima Prefecture*
Tazawa, Jun-ichi (2008) Brachiopods from the Upper Permian Takakurayama Formation, Abukuma Mountains, northeast Japan. <i>Science Reports of Niigata University (Geology)</i> 23:13-53	† <i>Chonetinella transversa</i>	Brachiopoda: Productida: Chonetidina: Chonetoidea: Rugosochonetidae	JAPAN: Kyoto Prefecture*
Tazawa, Jun-ichi (2008) Permian brachiopods from the Mizukoshi Formation, central Kyushu, SW Japan: Systematics, palaeobiogeography and tectonic implications. <i>Paleontological Research</i> 12(1): 37-61	† <i>Anidanthus mizukoshiensis</i>	Brachiopoda: Inoproductidae	JAPAN: (Kyushu, Mizukoshi, 500 m S of Tsuzumugi)
Tazawa, Jun-ichi (2008) Permian brachiopods from the Mizukoshi Formation, central Kyushu, SW Japan: Systematics, palaeobiogeography and tectonic implications. <i>Paleontological Research</i> 12(1): 37-61	† <i>Rhynchopora matsumotoi</i>	Brachiopoda: Rhynchonellida: Rhynchoporacea: Rhynchoporidae	JAPAN: (Kyushu, Mizukoshi, 500 m S of Tsuzumugi)
Tazawa, Jun-ichi (2008) Permian brachiopods from the Mizukoshi Formation, central Kyushu, SW Japan: Systematics, palaeobiogeography and tectonic implications. <i>Paleontological Research</i> 12(1): 37-61	† <i>Terrakea yanagidai</i>	Brachiopoda: Inoproductidae	JAPAN: (Kyushu, Mizukoshi, 500 m S of Tsuzumugi)
Tedford, Richard H.; Wang, Xiaoming (2008) <i>Metalopex</i> , a new genus of fox (Carnivora: Canidae: Vulpini) from the late Miocene of western North America. In: <i>Geology and Vertebrate Paleontology of Western and Southern North America: Contributions in Honor of David P. Whistler</i> . X. Wang and L.G. Barnes, eds. Natural History Museum of Los Angeles County Science Series 41. Natural History Museum of Los Angeles County: Los Angeles, pp. 273-278	† <i>Metalopex merriami</i>	Mammalia: Carnivora: Canidae	USA: California: Kern County*
Tedford, Richard H.; Wang, Xiaoming (2008) <i>Metalopex</i> , a new genus of fox (Carnivora: Canidae: Vulpini) from the late Miocene of western North America. In: <i>Geology and Vertebrate Paleontology of Western and Southern North America: Contributions in Honor of David P. Whistler</i> . X. Wang and L.G. Barnes, eds. Natural History Museum of Los Angeles County Science Series 41. Natural History Museum of Los Angeles County: Los Angeles, pp. 273-278	† <i>Metalopex merriami</i>	Mammalia: Carnivora: Canidae	USA: Idaho: Owyhee County*

Tedford, Richard H.; Wang, Xiaoming (2008) <i>Metalopex</i> , a new genus of fox (Carnivora: Canidae: Vulpini) from the late Miocene of western North America. In: <i>Geology and Vertebrate Paleontology of Western and Southern North America: Contributions in Honor of David P. Whistler</i> . X. Wang and L.G. Barnes, eds. Natural History Museum of Los Angeles County Science Series 41. Natural History Museum of Los Angeles County: Los Angeles, pp. 273-278	† <i>Metalopex merriami</i>	Mammalia: Carnivora: Canidae	USA: Nebraska: Frontier County*
Tedford, Richard H.; Wang, Xiaoming (2008) <i>Metalopex</i> , a new genus of fox (Carnivora: Canidae: Vulpini) from the late Miocene of western North America. In: <i>Geology and Vertebrate Paleontology of Western and Southern North America: Contributions in Honor of David P. Whistler</i> . X. Wang and L.G. Barnes, eds. Natural History Museum of Los Angeles County Science Series 41. Natural History Museum of Los Angeles County: Los Angeles, pp. 273-278	† <i>Metalopex merriami</i>	Mammalia: Carnivora: Canidae	USA: Nevada: Humboldt County*
Tedford, Richard H.; Wang, Xiaoming (2008) <i>Metalopex</i> , a new genus of fox (Carnivora: Canidae: Vulpini) from the late Miocene of western North America. In: <i>Geology and Vertebrate Paleontology of Western and Southern North America: Contributions in Honor of David P. Whistler</i> . X. Wang and L.G. Barnes, eds. Natural History Museum of Los Angeles County Science Series 41. Natural History Museum of Los Angeles County: Los Angeles, pp. 273-278	† <i>Metalopex merriami</i>	Mammalia: Carnivora: Canidae	USA: New Mexico: Valencia County*
Tedford, Richard H.; Wang, Xiaoming (2008) <i>Metalopex</i> , a new genus of fox (Carnivora: Canidae: Vulpini) from the late Miocene of western North America. In: <i>Geology and Vertebrate Paleontology of Western and Southern North America: Contributions in Honor of David P. Whistler</i> . X. Wang and L.G. Barnes, eds. Natural History Museum of Los Angeles County Science Series 41. Natural History Museum of Los Angeles County: Los Angeles, pp. 273-278	† <i>Metalopex merriami</i>	Mammalia: Carnivora: Canidae	USA: Oregon: Harney County*
Tedford, Richard H.; Wang, Xiaoming (2008) <i>Metalopex</i> , a new genus of fox (Carnivora: Canidae: Vulpini) from the late Miocene of western North America. In: <i>Geology and Vertebrate Paleontology of Western and Southern North America: Contributions in Honor of David P. Whistler</i> . X. Wang and L.G. Barnes, eds. Natural History Museum of Los Angeles County Science Series 41. Natural History Museum of Los Angeles County: Los Angeles, pp. 273-278	† <i>Metalopex merriami</i>	Mammalia: Carnivora: Canidae	USA: Oregon: Wheeler County*
Tejedor, Marcelo F.; Rosenberger, Alfred L.; Cartelle, Cástor (2008) Nueva especie de <i>Alouatta</i> (Primates, Atelinae) del Pleistoceno Tardío de Bahía, Brasil. <i>Ameghiniana</i> 45(1): 247-251	† <i>Alouatta mauroi</i>	Mammalia: Primates: Atelidae	BRAZIL: Bahia*
Thewissen, J.G.M.; Bajpai, S. (2008) New Oligocene mustelid from Western India. <i>Journal of Vertebrate Paleontology</i> 28(2): 565-567	† <i>Matanomictis maniyarensis</i>	Mammalia: Carnivora: Mustelidae	INDIA: Gujarat*
Titterton, Rosemary; Whatley, Robin C. (2008) Recent marine Ostracoda from the Solomon Islands. Part 4. Cytheroidea; Hemicytheridae, Thaerocytheridae. <i>Journal of Micropalaeontology</i> 27(1): 13-33	† <i>Ambostracon (Ambostracon) micromaculatum</i>	Crustacea: Ostracoda: Cytheroidea: Hemicytheridae	INDONESIA (offshore, Java Sea)

Titterton, Rosemary; Whatley, Robin C. (2008) Recent marine Ostracoda from the Solomon Islands. Part 4. Cytheroidea; Hemicytheridae, Thaerocytheridae. Journal of Micropalaeontology 27(1): 13-33	† <i>Ambostracon</i> (<i>Ambostracon</i>) <i>micromaculatum</i>	Crustacea: Ostracoda: Cytheroidea: Hemicytheridae	SOLOMON ISLANDS: Guadalcanal Province*
Titterton, Rosemary; Whatley, Robin C. (2008) Recent marine Ostracoda from the Solomon Islands. Part 4. Cytheroidea; Hemicytheridae, Thaerocytheridae. Journal of Micropalaeontology 27(1): 13-33	† <i>Ambostracon</i> (<i>Ambostracon</i>) <i>micropapillatum</i>	Crustacea: Ostracoda: Cytheroidea: Hemicytheridae	SOLOMON ISLANDS: Guadalcanal Province*
Titterton, Rosemary; Whatley, Robin C. (2008) Recent marine Ostracoda from the Solomon Islands. Part 4. Cytheroidea; Hemicytheridae, Thaerocytheridae. Journal of Micropalaeontology 27(1): 13-33	† <i>Ambostracon</i> (<i>Ambostracon</i>) <i>micropapillatum</i>	Crustacea: Ostracoda: Cytheroidea: Hemicytheridae	SOLOMON ISLANDS: Western Province*
Titterton, Rosemary; Whatley, Robin C. (2008) Recent marine Ostracoda from the Solomon Islands. Part 4. Cytheroidea; Hemicytheridae, Thaerocytheridae. Journal of Micropalaeontology 27(1): 13-33	† <i>Caudites</i> <i>shortlandensis</i>	Crustacea: Ostracoda: Cytheroidea: Hemicytheridae	SOLOMON ISLANDS: Guadalcanal Province*
Titterton, Rosemary; Whatley, Robin C. (2008) Recent marine Ostracoda from the Solomon Islands. Part 4. Cytheroidea; Hemicytheridae, Thaerocytheridae. Journal of Micropalaeontology 27(1): 13-33	† <i>Caudites</i> <i>shortlandensis</i>	Crustacea: Ostracoda: Cytheroidea: Hemicytheridae	SOLOMON ISLANDS: Western Province*
Titterton, Rosemary; Whatley, Robin C. (2008) Recent marine Ostracoda from the Solomon Islands. Part 4. Cytheroidea; Hemicytheridae, Thaerocytheridae. Journal of Micropalaeontology 27(1): 13-33	† <i>Caudites? atypicus</i>	Crustacea: Ostracoda: Cytheroidea: Hemicytheridae	SOLOMON ISLANDS: Guadalcanal Province*
Titterton, Rosemary; Whatley, Robin C. (2008) Recent marine Ostracoda from the Solomon Islands. Part 4. Cytheroidea; Hemicytheridae, Thaerocytheridae. Journal of Micropalaeontology 27(1): 13-33	† <i>Mimicocythere</i> <i>pseudomelobesoides</i>	Crustacea: Ostracoda: Cytheroidea: Hemicytheridae	AUSTRALIA: New South Wales*
Titterton, Rosemary; Whatley, Robin C. (2008) Recent marine Ostracoda from the Solomon Islands. Part 4. Cytheroidea; Hemicytheridae, Thaerocytheridae. Journal of Micropalaeontology 27(1): 13-33	† <i>Mimicocythere</i> <i>pseudomelobesoides</i>	Crustacea: Ostracoda: Cytheroidea: Hemicytheridae	AUSTRALIA: Northern Territory*
Titterton, Rosemary; Whatley, Robin C. (2008) Recent marine Ostracoda from the Solomon Islands. Part 4. Cytheroidea; Hemicytheridae, Thaerocytheridae. Journal of Micropalaeontology 27(1): 13-33	† <i>Mimicocythere</i> <i>pseudomelobesoides</i>	Crustacea: Ostracoda: Cytheroidea: Hemicytheridae	SOLOMON ISLANDS: Guadalcanal Province*
Titterton, Rosemary; Whatley, Robin C. (2008) Recent marine Ostracoda from the Solomon Islands. Part 4. Cytheroidea; Hemicytheridae, Thaerocytheridae. Journal of Micropalaeontology 27(1): 13-33	† <i>Mutilus dissimilis</i>	Crustacea: Ostracoda: Cytheroidea: Hemicytheridae	SOLOMON ISLANDS: Guadalcanal Province*

Titterton, Rosemary; Whatley, Robin C. (2008) Recent marine Ostracoda from the Solomon Islands. Part 4. Cytheroidea; Hemicytheridae, Thaerocytheridae. Journal of Micropalaeontology 27(1): 13-33	† <i>Mutilus dissimilis</i>	Crustacea: Ostracoda: Cytheroidea: Hemicytheridae	SOLOMON ISLANDS: Western Province* (Shortland Island)
Titterton, Rosemary; Whatley, Robin C. (2008) Recent marine Ostracoda from the Solomon Islands. Part 4. Cytheroidea; Hemicytheridae, Thaerocytheridae. Journal of Micropalaeontology 27(1): 13-33	† <i>Neobuntonia subalata</i>	Crustacea: Ostracoda: Cytheroidea: Thaerocytheridae	SOLOMON ISLANDS: Guadalcanal Province*
Titterton, Rosemary; Whatley, Robin C. (2008) Recent marine Ostracoda from the Solomon Islands. Part 4. Cytheroidea; Hemicytheridae, Thaerocytheridae. Journal of Micropalaeontology 27(1): 13-33	† <i>Neobuntonia subalata</i>	Crustacea: Ostracoda: Cytheroidea: Thaerocytheridae	SOLOMON ISLANDS: Western Province*
Tong, Haiyan; Hirayama, Ren (2008) A new species of <i>Argillochelys</i> (Testudines: Cryptodira: Cheloniidae) from the Ouled Abdoun phosphate basin, Morocco. Bulletin de la Société Géologique de France 179(6): 623-630	† <i>Argillochelys africana</i>	Reptilia: Testudines: Cryptodira: Cheloniidae	MOROCCO: Chaouia-Ouadigha Region*
Toro, Blanca A.; Maletz, Jörg (2008) The proximal development in <i>Cymatograptus</i> (Graptoloidea) from Argentina and its relevance for the early evolution of the Dichograptacea. Journal of Paleontology 82(5): 974-983	† <i>Cymatograptus bidextro</i>	Hemichordata: Graptolithina: Dichograptacea: Dichograptidae	ARGENTINA: Jujuy*
Torres-Martínez, Miguel A.; Sour-Tovar, Francisco; Pérez-Huerta, Alberto (2008) Neospiriferinid brachiopods (Spiriferida, Trigonotretidae) from Ixtaltepec Formation, Pennsylvanian of Oaxaca State, southern Mexico. Fossils and Strata 54: 157-166	† <i>Neospirifer amplia</i>	Brachiopoda: Trigonotretidae	MEXICO: Oaxaca*
Torres-Martínez, Miguel A.; Sour-Tovar, Francisco; Pérez-Huerta, Alberto (2008) Neospiriferinid brachiopods (Spiriferida, Trigonotretidae) from Ixtaltepec Formation, Pennsylvanian of Oaxaca State, southern Mexico. Fossils and Strata 54: 157-166	† <i>Neospirifer pantojai</i>	Brachiopoda: Trigonotretidae	MEXICO: Oaxaca*
Torres-Martínez, Miguel A.; Sour-Tovar, Francisco; Pérez-Huerta, Alberto (2008) Neospiriferinid brachiopods (Spiriferida, Trigonotretidae) from Ixtaltepec Formation, Pennsylvanian of Oaxaca State, southern Mexico. Fossils and Strata 54: 157-166	† <i>Septospirifer mazateca</i>	Brachiopoda: Trigonotretidae	MEXICO: Oaxaca*
Toscano, Francesco; Taylor, Paul D. (2008) A new Early Miocene bryozoan, <i>Favosipora ichnusae</i> sp. nov. (Cyclotomata), from the Isili Limestone of Sardinia, Italy. Neues Jahrbuch für Geologie und Paläontologie Abhandlungen 248(3): 301-308	† <i>Favosipora ichnusae</i>	Bryozoa: Cyclotomata: Densiporidae	ITALY: Sardinia Region*
Tybusch, Graciela Pereira; Iannuzzi, Roberto (2008) Reavaliação taxonômica dos gêneros <i>Gangamopteris</i> e <i>Rubidgea</i> , Permiano Inferior da bacia do Paraná, Brasil. Revista Brasileira de Paleontologia 11(2): 73-86	† <i>Gangamopteris revoluta</i>	Gymnospermopsida: Glossopteridales: fam. indet.	BRAZIL: Rio Grande do Sul State*
Ueda, Kyoichiro (2008) New species and additional specimens of giant cicadas from the Lower Cretaceous of Brazil (Auchenorrhyncha: Cicadomorpha: Palaeontinidae). Bulletin of the Kitakyushu Museum of Natural History and Human History, Series A (Natural History) 6: 23-31	† <i>Baeocossus muratai</i>	Hemiptera: Auchenorrhyncha: Cicadomorpha: Palaeontinidae	BRAZIL: Ceará*
Ueda, Kyoichiro (2008) New species and additional specimens of giant cicadas from the Lower Cretaceous of Brazil (Auchenorrhyncha: Cicadomorpha: Palaeontinidae). Bulletin of the Kitakyushu Museum of Natural History and Human History, Series A (Natural History) 6: 23-31	† <i>Baeocossus rotundatus</i>	Hemiptera: Auchenorrhyncha: Cicadomorpha: Palaeontinidae	BRAZIL: Ceará*

Ueda, Kyoichiro (2008) New species and additional specimens of giant cicadas from the Lower Cretaceous of Brazil (Auchenorrhyncha: Cicadomorpha: Palaeontinidae). Bulletin of the Kitakyushu Museum of Natural History and Human History, Series A (Natural History) 6: 23-31	† <i>Colossocossus acutus</i>	Hemiptera: Auchenorrhyncha: Cicadomorpha: Palaeontinidae	BRAZIL: Ceará*
Ueda, Kyoichiro (2008) New species and additional specimens of giant cicadas from the Lower Cretaceous of Brazil (Auchenorrhyncha: Cicadomorpha: Palaeontinidae). Bulletin of the Kitakyushu Museum of Natural History and Human History, Series A (Natural History) 6: 23-31	† <i>Parawonnacottella signifer</i>	Hemiptera: Auchenorrhyncha: Cicadomorpha: Palaeontinidae	BRAZIL: Ceará*
Uhen, Mark D. (2008) A new <i>Xenorophus</i> -like odontocete cetacean from the Oligocene of North Carolina and a discussion of the basal odontocete radiation. Journal of Systematic Palaeontology 6(4): 433-452	† <i>Albertocetus meffordorum</i>	Mammalia: Cetacea: Xenorophidae	USA: North Carolina: Onslow County*
Underwood, Charlie J.; Ward, David J. (2008) Sharks of the order Carcharhiniformes from the British Coniacian, Santonian and Campanian (Upper Cretaceous). Palaeontology 51(3):509-536	† <i>Leptocharias cretaceus</i>	Chondrichthyes: Elasmobranchii: Carcharhiniformes: Leptochariidae	ENGLAND: (Boxford--there is one in Berkshire and one in Suffolk)
Underwood, Charlie J.; Ward, David J. (2008) Sharks of the order Carcharhiniformes from the British Coniacian, Santonian and Campanian (Upper Cretaceous). Palaeontology 51(3):509-536	† <i>Leptocharias cretaceus</i>	Chondrichthyes: Elasmobranchii: Carcharhiniformes: Leptochariidae	ENGLAND: (Downend--there are at least 3 in diff counties)
Underwood, Charlie J.; Ward, David J. (2008) Sharks of the order Carcharhiniformes from the British Coniacian, Santonian and Campanian (Upper Cretaceous). Palaeontology 51(3):509-536	† <i>Leptocharias cretaceus</i>	Chondrichthyes: Elasmobranchii: Carcharhiniformes: Leptochariidae	ENGLAND: (Winterbourne--there are several in diff counties)
Underwood, Charlie J.; Ward, David J. (2008) Sharks of the order Carcharhiniformes from the British Coniacian, Santonian and Campanian (Upper Cretaceous). Palaeontology 51(3):509-536	† <i>Leptocharias cretaceus</i>	Chondrichthyes: Elasmobranchii: Carcharhiniformes: Leptochariidae	ENGLAND: Buckinghamshire*
Underwood, Charlie J.; Ward, David J. (2008) Sharks of the order Carcharhiniformes from the British Coniacian, Santonian and Campanian (Upper Cretaceous). Palaeontology 51(3):509-536	† <i>Palaeoscyllum striatum</i>	Chondrichthyes: Elasmobranchii: Carcharhiniformes: fam. indet.	ENGLAND: (Boxford--there is one in Berkshire and one in Suffolk)
Underwood, Charlie J.; Ward, David J. (2008) Sharks of the order Carcharhiniformes from the British Coniacian, Santonian and Campanian (Upper Cretaceous). Palaeontology 51(3):509-536	† <i>Palaeoscyllum striatum</i>	Chondrichthyes: Elasmobranchii: Carcharhiniformes: fam. indet.	ENGLAND: (Downend--there are at least 3 in diff counties)
Underwood, Charlie J.; Ward, David J. (2008) Sharks of the order Carcharhiniformes from the British Coniacian, Santonian and Campanian (Upper Cretaceous). Palaeontology 51(3):509-536	† <i>Palaeoscyllum striatum</i>	Chondrichthyes: Elasmobranchii: Carcharhiniformes: fam. indet.	ENGLAND: (Winterbourne--there are several in diff counties)
Underwood, Charlie J.; Ward, David J. (2008) Sharks of the order Carcharhiniformes from the British Coniacian, Santonian and Campanian (Upper Cretaceous). Palaeontology 51(3):509-536	† <i>Palaeoscyllum striatum</i>	Chondrichthyes: Elasmobranchii: Carcharhiniformes: fam. indet.	ENGLAND: Buckinghamshire*

Underwood, Charlie J.; Ward, David J. (2008) Sharks of the order Carcharhiniformes from the British Coniacian, Santonian and Campanian (Upper Cretaceous). <i>Palaeontology</i> 51(3):509-536	† <i>Paratriakis suberratus</i>	Chondrichthyes: Elasmobranchii: Carcharhiniformes: Triakidae	ENGLAND: (Boxford--there is one in Berkshire and one in Suffolk)
Underwood, Charlie J.; Ward, David J. (2008) Sharks of the order Carcharhiniformes from the British Coniacian, Santonian and Campanian (Upper Cretaceous). <i>Palaeontology</i> 51(3):509-536	† <i>Paratriakis suberratus</i>	Chondrichthyes: Elasmobranchii: Carcharhiniformes: Triakidae	ENGLAND: (Downend--there are at least 3 in diff counties)
Underwood, Charlie J.; Ward, David J. (2008) Sharks of the order Carcharhiniformes from the British Coniacian, Santonian and Campanian (Upper Cretaceous). <i>Palaeontology</i> 51(3):509-536	† <i>Paratriakis suberratus</i>	Chondrichthyes: Elasmobranchii: Carcharhiniformes: Triakidae	ENGLAND: (Winterbourne--there are several in diff counties)
Underwood, Charlie J.; Ward, David J. (2008) Sharks of the order Carcharhiniformes from the British Coniacian, Santonian and Campanian (Upper Cretaceous). <i>Palaeontology</i> 51(3):509-536	† <i>Paratriakis suberratus</i>	Chondrichthyes: Elasmobranchii: Carcharhiniformes: Triakidae	ENGLAND: Buckinghamshire*
Underwood, Charlie J.; Ward, David J. (2008) Sharks of the order Carcharhiniformes from the British Coniacian, Santonian and Campanian (Upper Cretaceous). <i>Palaeontology</i> 51(3):509-536	† <i>Paratriakis suberratus</i>	Chondrichthyes: Elasmobranchii: Carcharhiniformes: Triakidae	ENGLAND: Wiltshire*
Underwood, Charlie J.; Ward, David J. (2008) Sharks of the order Carcharhiniformes from the British Coniacian, Santonian and Campanian (Upper Cretaceous). <i>Palaeontology</i> 51(3):509-536	† <i>Paratriakis tenuis</i>	Chondrichthyes: Elasmobranchii: Carcharhiniformes: Triakidae	ENGLAND: (Boxford--there is one in Berkshire and one in Suffolk)
Underwood, Charlie J.; Ward, David J. (2008) Sharks of the order Carcharhiniformes from the British Coniacian, Santonian and Campanian (Upper Cretaceous). <i>Palaeontology</i> 51(3):509-536	† <i>Paratriakis tenuis</i>	Chondrichthyes: Elasmobranchii: Carcharhiniformes: Triakidae	ENGLAND: (Winterbourne--there are several in diff counties)
Underwood, Charlie J.; Ward, David J. (2008) Sharks of the order Carcharhiniformes from the British Coniacian, Santonian and Campanian (Upper Cretaceous). <i>Palaeontology</i> 51(3):509-536	† <i>Paratriakis tenuis</i>	Chondrichthyes: Elasmobranchii: Carcharhiniformes: Triakidae	ENGLAND: Wiltshire*
Underwood, Charlie J.; Ward, David J. (2008) Sharks of the order Carcharhiniformes from the British Coniacian, Santonian and Campanian (Upper Cretaceous). <i>Palaeontology</i> 51(3):509-536	† <i>Pteroscylidium hermani</i>	Chondrichthyes: Elasmobranchii: Carcharhiniformes: Scyliorhinidae	ENGLAND: (Boxford--there is one in Berkshire and one in Suffolk)
Underwood, Charlie J.; Ward, David J. (2008) Sharks of the order Carcharhiniformes from the British Coniacian, Santonian and Campanian (Upper Cretaceous). <i>Palaeontology</i> 51(3):509-536	† <i>Pteroscylidium hermani</i>	Chondrichthyes: Elasmobranchii: Carcharhiniformes: Scyliorhinidae	ENGLAND: (Downend--there are at least 3 in diff counties)

Underwood, Charlie J.; Ward, David J. (2008) Sharks of the order Carcharhiniformes from the British Coniacian, Santonian and Campanian (Upper Cretaceous). <i>Palaeontology</i> 51(3):509-536	† <i>Pteroscyllium hermani</i>	Chondrichthyes: Elasmobranchii: Carcharhiniformes: Scyliorhinidae	ENGLAND: (Winterbourne--there are several in diff counties)
Underwood, Charlie J.; Ward, David J. (2008) Sharks of the order Carcharhiniformes from the British Coniacian, Santonian and Campanian (Upper Cretaceous). <i>Palaeontology</i> 51(3):509-536	† <i>Pteroscyllium hermani</i>	Chondrichthyes: Elasmobranchii: Carcharhiniformes: Scyliorhinidae	ENGLAND: Buckinghamshire*
Underwood, Charlie J.; Ward, David J. (2008) Sharks of the order Carcharhiniformes from the British Coniacian, Santonian and Campanian (Upper Cretaceous). <i>Palaeontology</i> 51(3):509-536	† <i>Scyliorhinus brumarivulensis</i>	Chondrichthyes: Elasmobranchii: Carcharhiniformes: Scyliorhinidae	ENGLAND: (Boxford--there is one in Berkshire and one in Suffolk)
Underwood, Charlie J.; Ward, David J. (2008) Sharks of the order Carcharhiniformes from the British Coniacian, Santonian and Campanian (Upper Cretaceous). <i>Palaeontology</i> 51(3):509-536	† <i>Scyliorhinus brumarivulensis</i>	Chondrichthyes: Elasmobranchii: Carcharhiniformes: Scyliorhinidae	ENGLAND: (Downend--there are at least 3 in diff counties)
Underwood, Charlie J.; Ward, David J. (2008) Sharks of the order Carcharhiniformes from the British Coniacian, Santonian and Campanian (Upper Cretaceous). <i>Palaeontology</i> 51(3):509-536	† <i>Scyliorhinus brumarivulensis</i>	Chondrichthyes: Elasmobranchii: Carcharhiniformes: Scyliorhinidae	ENGLAND: (Winterbourne--there are several in diff counties)
Underwood, Charlie J.; Ward, David J. (2008) Sharks of the order Carcharhiniformes from the British Coniacian, Santonian and Campanian (Upper Cretaceous). <i>Palaeontology</i> 51(3):509-536	† <i>Scyliorhinus brumarivulensis</i>	Chondrichthyes: Elasmobranchii: Carcharhiniformes: Scyliorhinidae	ENGLAND: Buckinghamshire*
Vachard, Daniel; Rettori, Roberto; Angiolini, Lucia; Checconi, Alessio (2008) <i>Glomomidiella</i> n. gen. (Foraminifera, Miliolata, Neodiscidae): A new genus from the Late Guadalupian-Lopingian of Hydra Island (Greece). <i>Rivista Italiana di Paleontologia e Stratigrafia</i> 114(3): 349-361	† <i>Glomomidiella nestellorum</i>	Foraminifera: Miliolata: Miliolida: Neodiscidae	("Himalayas")
Vachard, Daniel; Rettori, Roberto; Angiolini, Lucia; Checconi, Alessio (2008) <i>Glomomidiella</i> n. gen. (Foraminifera, Miliolata, Neodiscidae): A new genus from the Late Guadalupian-Lopingian of Hydra Island (Greece). <i>Rivista Italiana di Paleontologia e Stratigrafia</i> 114(3): 349-361	† <i>Glomomidiella nestellorum</i>	Foraminifera: Miliolata: Miliolida: Neodiscidae	CROATIA: NA*
Vachard, Daniel; Rettori, Roberto; Angiolini, Lucia; Checconi, Alessio (2008) <i>Glomomidiella</i> n. gen. (Foraminifera, Miliolata, Neodiscidae): A new genus from the Late Guadalupian-Lopingian of Hydra Island (Greece). <i>Rivista Italiana di Paleontologia e Stratigrafia</i> 114(3): 349-361	† <i>Glomomidiella nestellorum</i>	Foraminifera: Miliolata: Miliolida: Neodiscidae	GREECE (Hydra Island)
Vachard, Daniel; Rettori, Roberto; Angiolini, Lucia; Checconi, Alessio (2008) <i>Glomomidiella</i> n. gen. (Foraminifera, Miliolata, Neodiscidae): A new genus from the Late Guadalupian-Lopingian of Hydra Island (Greece). <i>Rivista Italiana di Paleontologia e Stratigrafia</i> 114(3): 349-361	† <i>Glomomidiella nestellorum</i>	Foraminifera: Miliolata: Miliolida: Neodiscidae	HUNGARY: NA*

Vachard, Daniel; Rettori, Roberto; Angiolini, Lucia; Checconi, Alessio (2008) <i>Glomomidiella</i> n. gen. (Foraminifera, Miliolata, Neodiscidae): A new genus from the Late Guadalupian-Lopingian of Hydra Island (Greece). <i>Rivista Italiana di Paleontologia e Stratigrafia</i> 114(3): 349-361	† <i>Glomomidiella nestellorum</i>	Foraminifera: Miliolata: Miliolida: Neodiscidae	INDONESIA: NA* ("Sumatra")
Vachard, Daniel; Rettori, Roberto; Angiolini, Lucia; Checconi, Alessio (2008) <i>Glomomidiella</i> n. gen. (Foraminifera, Miliolata, Neodiscidae): A new genus from the Late Guadalupian-Lopingian of Hydra Island (Greece). <i>Rivista Italiana di Paleontologia e Stratigrafia</i> 114(3): 349-361	† <i>Glomomidiella nestellorum</i>	Foraminifera: Miliolata: Miliolida: Neodiscidae	ITALY: NA*
Vachard, Daniel; Rettori, Roberto; Angiolini, Lucia; Checconi, Alessio (2008) <i>Glomomidiella</i> n. gen. (Foraminifera, Miliolata, Neodiscidae): A new genus from the Late Guadalupian-Lopingian of Hydra Island (Greece). <i>Rivista Italiana di Paleontologia e Stratigrafia</i> 114(3): 349-361	† <i>Glomomidiella nestellorum</i>	Foraminifera: Miliolata: Miliolida: Neodiscidae	MALAYSIA: NA*
Vachard, Daniel; Rettori, Roberto; Angiolini, Lucia; Checconi, Alessio (2008) <i>Glomomidiella</i> n. gen. (Foraminifera, Miliolata, Neodiscidae): A new genus from the Late Guadalupian-Lopingian of Hydra Island (Greece). <i>Rivista Italiana di Paleontologia e Stratigrafia</i> 114(3): 349-361	† <i>Glomomidiella nestellorum</i>	Foraminifera: Miliolata: Miliolida: Neodiscidae	SERBIA: NA*
Vachard, Daniel; Rettori, Roberto; Angiolini, Lucia; Checconi, Alessio (2008) <i>Glomomidiella</i> n. gen. (Foraminifera, Miliolata, Neodiscidae): A new genus from the Late Guadalupian-Lopingian of Hydra Island (Greece). <i>Rivista Italiana di Paleontologia e Stratigrafia</i> 114(3): 349-361	† <i>Glomomidiella nestellorum</i>	Foraminifera: Miliolata: Miliolida: Neodiscidae	TUNISIA: NA*
Vachard, Daniel; Rettori, Roberto; Angiolini, Lucia; Checconi, Alessio (2008) <i>Glomomidiella</i> n. gen. (Foraminifera, Miliolata, Neodiscidae): A new genus from the Late Guadalupian-Lopingian of Hydra Island (Greece). <i>Rivista Italiana di Paleontologia e Stratigrafia</i> 114(3): 349-361	† <i>Glomomidiella nestellorum</i>	Foraminifera: Miliolata: Miliolida: Neodiscidae	TURKEY: NA*
van Bakel, Barry W.M.; Fraaije, René H.B.; Jagt, John W.M.; Artal, Pedro (2008) An unexpected diversity of Late Jurassic hermit crabs (Crustacea, Decapoda, Anomura) in Central Europe. <i>Neues Jahrbuch für Geologie und Paläontologie</i> 250(2): 137-156	† <i>Ammopylocheles mclaughlinae</i>	Crustacea: Anomura: Paguroidea: Pylochelidae	GERMANY: Baden-Württemberg*
van Bakel, Barry W.M.; Fraaije, René H.B.; Jagt, John W.M.; Artal, Pedro (2008) An unexpected diversity of Late Jurassic hermit crabs (Crustacea, Decapoda, Anomura) in Central Europe. <i>Neues Jahrbuch für Geologie und Paläontologie</i> 250(2): 137-156	† <i>Ammopylocheles mclaughlinae</i>	Crustacea: Anomura: Paguroidea: Pylochelidae	GERMANY: Bayern*
van Bakel, Barry W.M.; Fraaije, René H.B.; Jagt, John W.M.; Artal, Pedro (2008) An unexpected diversity of Late Jurassic hermit crabs (Crustacea, Decapoda, Anomura) in Central Europe. <i>Neues Jahrbuch für Geologie und Paläontologie</i> 250(2): 137-156	† <i>Eopaguropsis loercheri</i>	Crustacea: Anomura: Paguroidea: Diogenidae	GERMANY: Baden-Württemberg*
van Bakel, Barry W.M.; Fraaije, René H.B.; Jagt, John W.M.; Artal, Pedro (2008) An unexpected diversity of Late Jurassic hermit crabs (Crustacea, Decapoda, Anomura) in Central Europe. <i>Neues Jahrbuch für Geologie und Paläontologie</i> 250(2): 137-156	† <i>Eotylaspis wehnerae</i>	Crustacea: Anomura: Paguroidea: Pylochelidae	GERMANY: Baden-Württemberg*
van Bakel, Barry W.M.; Fraaije, René H.B.; Jagt, John W.M.; Artal, Pedro (2008) An unexpected diversity of Late Jurassic hermit crabs (Crustacea, Decapoda, Anomura) in Central Europe. <i>Neues Jahrbuch für Geologie und Paläontologie</i> 250(2): 137-156	† <i>Jurapylocheles malutka</i>	Crustacea: Anomura: Paguroidea: Pylochelidae	GERMANY: Baden-Württemberg*
van der Made, J. (2008) New endemic large mammals from the Lower Miocene of Oschiri (Sardinia): Observations on evolution in insular environment. <i>Quaternary International</i> 182(1): 116-134	† <i>Bachitherium sardus</i>	Mammalia: Ruminantia: Bachitheriidae	ITALY: Sardinia Region*

van der Made, J. (2008) New endemic large mammals from the Lower Miocene of Oschiri (Sardinia): Observations on evolution in insular environment. Quaternary International 182(1): 116-134	† <i>Hyotherium? insularis</i>	Mammalia: Artiodactyla: Suiformes: Suidae	ITALY: Sardinia Region*
van der Made, J. (2008) New endemic large mammals from the Lower Miocene of Oschiri (Sardinia): Observations on evolution in insular environment. Quaternary International 182(1): 116-134	† <i>Sardomeryx oschiriensis</i>	Mammalia: Giraffoidea?: fam. indet.	ITALY: Sardinia Region*
van Viersen, Allart P.; Prescher, Harald (2008) Devonian Proetidae (Trilobita) from the Ardennes Massif (Belgium, N France) and the Eifel Hills (W Germany). Bulletin de l'Institut Royal des Sciences Naturelles de Belgique, Sciences de la Terre 78: 9-29	† <i>Dechenella daumeriesi</i>	Arthropoda: Trilobita: Proetidae	BELGIUM: Luxembourg Province*
van Viersen, Allart P.; Prescher, Harald (2008) Devonian Proetidae (Trilobita) from the Ardennes Massif (Belgium, N France) and the Eifel Hills (W Germany). Bulletin de l'Institut Royal des Sciences Naturelles de Belgique, Sciences de la Terre 78: 9-29	† <i>Dohmiella stumporum</i>	Arthropoda: Trilobita: Proetidae	GERMANY: Rhineland-Palatinate State*
van Viersen, Allart P.; Prescher, Harald (2008) Devonian Proetidae (Trilobita) from the Ardennes Massif (Belgium, N France) and the Eifel Hills (W Germany). Bulletin de l'Institut Royal des Sciences Naturelles de Belgique, Sciences de la Terre 78: 9-29	† <i>Dohmiella tenuiornata</i>	Arthropoda: Trilobita: Proetidae	BELGIUM: Luxembourg Province*
Vanguetstaine, Michel; Brück, Peter M. (2008) A Middle and Late Cambrian age for the Booley Bay Formation, County Wexford, Ireland: New acritarch data and its implications. Revue de Micropaléontologie 51(1): 67-95	† <i>Stellechinatum? mariatheresae</i> Vanguetstaine	Acritarcha-Ediacara	IRELAND: Wexford County*
Vašíček, Zdeněk (2008) Barremian and Early Aptian ammonites from the Godula Facies of the Silesian Unit in the Outer Western Carpathians, Czech Republic. Acta Geologica Polonica 58(4): 407-423	†? <i>Valdedorsella hoheneggeri</i>	Mollusca: Cephalopoda: Ammonoidea: Ammonitina: Desmoceratidae	CZECH REPUBLIC: Moravian-Silesian*
Vašíček, Zdeněk (2008) Barremian and Early Aptian ammonites from the Godula Facies of the Silesian Unit in the Outer Western Carpathians, Czech Republic. Acta Geologica Polonica 58(4): 407-423	†? <i>Valdedorsella hoheneggeri</i>	Mollusca: Cephalopoda: Ammonoidea: Ammonitina: Desmoceratidae	POLAND: Silesian*
Vasilenko, D.V. (2008) Insect ovipositions on aquatic plant leaves <i>Quereuxia</i> from the Upper Cretaceous of the Amur region. Paleontological Journal 42(5): 514-521 [Paleontologicheskii Zhurnal 2008(5): 60-66 (in Russian)]	† <i>Palaexovoidus amplius</i> isp.n. Vasilenko	Palaexovoididae	RUSSIA: Amur Oblast*
Vasilenko, D.V. (2008) Insect ovipositions on aquatic plant leaves <i>Quereuxia</i> from the Upper Cretaceous of the Amur region. Paleontological Journal 42(5): 514-521 [Paleontologicheskii Zhurnal 2008(5): 60-66 (in Russian)]	† <i>Palaexovoidus catenulatus</i> isp.n. Vasilenko	Palaexovoididae	RUSSIA: Amur Oblast*
Vasilenko, D.V. (2008) Insect ovipositions on aquatic plant leaves <i>Quereuxia</i> from the Upper Cretaceous of the Amur region. Paleontological Journal 42(5): 514-521 [Paleontologicheskii Zhurnal 2008(5): 60-66 (in Russian)]	† <i>Palaexovoidus multus</i> isp.n. Vasilenko	Palaexovoididae	RUSSIA: Amur Oblast*
Vasilenko, D.V. (2008) Insect ovipositions on aquatic plant leaves <i>Quereuxia</i> from the Upper Cretaceous of the Amur region. Paleontological Journal 42(5): 514-521 [Paleontologicheskii Zhurnal 2008(5): 60-66 (in Russian)]	† <i>Palaexovoidus ovoideus</i> isp.n. Vasilenko	Palaexovoididae	RUSSIA: Amur Oblast*
Vasilenko, D.V. (2008) Insect ovipositions on aquatic plant leaves <i>Quereuxia</i> from the Upper Cretaceous of the Amur region. Paleontological Journal 42(5): 514-521 [Paleontologicheskii Zhurnal 2008(5): 60-66 (in Russian)]	† <i>Palaeoovoidus arcuatus</i> isp.n. Vasilenko	Palaeoovoididae	RUSSIA: Amur Oblast*

Vasilenko, D.V. (2008) Insect ovipositions on aquatic plant leaves <i>Quereuxia</i> from the Upper Cretaceous of the Amur region. Paleontological Journal 42(5): 514-521 [Paleontologicheskii Zhurnal 2008(5): 60-66 (in Russian)]	† <i>Paleoovoidus flabellatus</i> isp.n. Vasilenko	Palaeoovoididae	RUSSIA: Amur Oblast*
Vela, Joan Antoni; Corbacho, Joan (2008) New trilobites from Upper Ordovician of Elkaid Errami (Morocco). Batalleria 14: 99-106	† <i>Selenopeltis longispinus</i>	Trilobita: Lichida: Odontopleuridae	MOROCCO: Meknès-Tafilalet Region*
Venczel, Márton (2008) A new salamandrid amphibian from the Middle Miocene of Hungary and its phylogenetic relationships. Journal of Systematic Palaeontology 6(1): 41-59	† <i>Carpathotriton matraensis</i>	Amphibia: Caudata: Salamandridae	HUNGARY: Nógrád*
Vermeulen, Jean (2008) Ammonites nouvelles (Ancyloceratoidea) du Barrémien Inférieur du sud-est de la France. Riviéra Scientifique 92: 49-64	† <i>Dissimilites duboisae</i>	Mollusca: Cephalopoda: Ammonoidea: Acriceratidae	FRANCE: Provence-Alpes-Côte d'Azur Region* (Var Department)
Vermeulen, Jean (2008) Ammonites nouvelles (Ancyloceratoidea) du Barrémien Inférieur du sud-est de la France. Riviéra Scientifique 92: 49-64	† <i>Paraspiticeras dollai</i>	Mollusca: Cephalopoda: Ammonoidea: Emericiceratidae	FRANCE: Provence-Alpes-Côte d'Azur Region* (Var Department)
Viehofen, Agnes; Hartkopf-Fröder, Christoph; Friis, Else Marie (2008) Inflorescences and flowers of <i>Mauldinia angustiloba</i> sp. nov. (Lauraceae) from Middle Cretaceous karst infillings in the Rhenish Massif, Germany. International Journal of Plant Sciences 169(7): 871-889	† <i>Mauldinia angustiloba</i>	Angiospermae: Magnoliales: Lauraceae	GERMANY: North Rhine-Westphalia*
Villier, Loïc (2008) Sea star ossicles from the Callovian black clays of the Łuków area, eastern Poland. Neues Jahrbuch für Geologie und Paläontologie Abhandlungen 247(2): 147-160	† <i>Pulcinellaster lukowensis</i>	Echinodermata: Asteroidea: Valvatida: Goniasteridae	POLAND: Lublin*
Vinn, Olev; Mõtus, Mari-Ann (2008) The earliest endosymbiotic mineralized tubeworms from the Silurian of Podolia, Ukraine. Journal of Paleontology 82(2): 409-414	† <i>Coralloconchus bragensis</i>	phylum incertae sedis: Tentaculita: Cornulitida: Cornulitidae	UKRAINE: Khmelnytskyi*
Viskova, L.A. (2008) New Stenolaematous bryozoans from the Jurassic of central European Russia (Moscow city and the Moscow and Kostroma Regions). Paleontological Journal 42(2): 149-158 [Paleontologicheskii Zhurnal 2008(2): 46-53 (in Russian)]	† <i>Hyporosopora mittai</i>	Bryozoa: Stenolaemata: Tubuliporida: Plagioeciidae	RUSSIA: Kostroma Oblast*
Viskova, L.A. (2008) New Stenolaematous bryozoans from the Jurassic of central European Russia (Moscow city and the Moscow and Kostroma Regions). Paleontological Journal 42(2): 149-158 [Paleontologicheskii Zhurnal 2008(2): 46-53 (in Russian)]	† <i>Reptomulticava pileola</i>	Bryozoa: Stenolaemata: Cerioporida: Cerioporidae	RUSSIA: Moscow City*
Viskova, L.A. (2008) New Stenolaematous bryozoans from the Jurassic of central European Russia (Moscow city and the Moscow and Kostroma Regions). Paleontological Journal 42(2): 149-158 [Paleontologicheskii Zhurnal 2008(2): 46-53 (in Russian)]	† <i>Spirodella radiolobata</i>	Bryozoa: Stenolaemata: Lichenoporina: Lichenoporidae	RUSSIA: Moscow Oblast*

Vislobokova, I.A. (2008) The oldest representative of Entelodontoidea (Artiodactyla, Suiformes) from the Middle Eocene of Khaichin Ula II, Mongolia, and some evolutionary features of this superfamily. Paleontological Journal 42(6): 643-654 [Paleontologicheskii Zhurnal 2008(6): 69-80 (in Russian)]	† <i>Proentelodon minutus</i> Vislobokova	Mammalia: Artiodactyla: Suiformes: Entelodontoidea: Entelodontidae: Proentelodontidae	MONGOLIA: (Khaichin Ula II locality)
Vitali, Francesco (2008) A new cerambycid from Dominican amber and remarks on the fossil <i>Plectromerus</i> -species (Coleoptera: Cerambycidae). Entomapeiron Paleoentomology 1(1): 1-12	† <i>Pterolophosoma</i> <i>otiliae</i>	Coleoptera: Cerambycidae	DOMINICAN REPUBLIC ("Dominican amber")
Volohonsky, E.; Wisshak, M.; Blomeier, D.; Seilacher, A.; Snigirevsky, S. (2008) A new helical trace fossil from the Lower Devonian of Spitsbergen (Svalbard) and its palaeoenvironmental significance. Palaeogeography, Palaeoclimatology, Palaeoecology 267(1-2): 17-20	† <i>Skolithos helicoidalis</i> isp.n.	Ichnospecies	SVALBARD
Von Balthazar, Maria; Pedersen, Kaj Raunsgaard; Crane, Peter R.; Friis, Else Marie (2008) <i>Carpestella lacunata</i> gen. et sp. nov., a new basal angiosperm flower from the Early Cretaceous (Early to Middle Albian) of eastern North America. International Journal of Plant Sciences 169(7): 890-898	† <i>Carpestella lacunata</i>	Angiospermae: Nymphaeales: Nymphaeaceae	USA: Virginia: Prince George County*
Vršanský, Peter (2008) A complete larva of a Mesozoic (Early Cenomanian) cockroach (Insecta: Blattaria: Blattulidae) from the Sisteron amber (Alpes de Haute Provence, SE France). Geologica Carpathica 59(3): 269-272	† <i>Nula sis</i> Vršanský	Blattaria: Blattulidae	FRANCE: Provence- Alpes-Côte d'Azur Region* (Alpes-de- Haute-Provence)
Vršanský, Peter (2008) Central ocellus of extinct cockroaches (Blattida: Caloblattinidae). Zootaxa 1958:41-50	† <i>Decomposita triocella</i>	Blattaria: Caloblattinidae	KAZAKHSTAN: Jambyl Province*
Vršanský, Peter (2008) Central ocellus of extinct cockroaches (Blattida: Caloblattinidae). Zootaxa 1958:41-50	† <i>Paleovia praecarina</i>	Blattaria: Caloblattinidae	KAZAKHSTAN: Jambyl Province*
Vršanský, Peter (2008) Central ocellus of extinct cockroaches (Blattida: Caloblattinidae). Zootaxa 1958:41-50	† <i>Srdiecko tri</i>	Blattaria: Caloblattinidae	KAZAKHSTAN: Jambyl Province*
Vršanský, Peter (2008) Late Jurassic cockroaches (Insecta, Blattaria) from the Houtiyn-Hotgor locality in Mongolia. Paleontological Journal 42(1): 36-42 [Paleontologicheskii Zhurnal 2008(1): 37-43 (in Russian)]	† <i>Blattula choutinensis</i> Vršanský	Blattaria: Blattuloidea: Blattulidae	MONGOLIA: Dundgovi Aimag*
Vršanský, Peter (2008) Late Jurassic cockroaches (Insecta, Blattaria) from the Houtiyn-Hotgor locality in Mongolia. Paleontological Journal 42(1): 36-42 [Paleontologicheskii Zhurnal 2008(1): 37-43 (in Russian)]	† <i>Irreblatta relict</i> Vršanský	Blattaria: fam. indet.	MONGOLIA: Dundgovi Aimag*
Vršanský, Peter (2008) Late Jurassic cockroaches (Insecta, Blattaria) from the Houtiyn-Hotgor locality in Mongolia. Paleontological Journal 42(1): 36-42 [Paleontologicheskii Zhurnal 2008(1): 37-43 (in Russian)]	† <i>Solemnia alexandri</i> Vršanský	Blattaria: Calobattinoidea: Caloblattinidae	MONGOLIA: Dundgovi Aimag*
Vršanský, Peter (2008) Mesozoic relative of the common synanthropic German cockroach (Blattodea). Deutsche Entomologische Zeitschrift 55(2):215-221	† <i>?Blattella lengleti</i>	Dictyoptera: Blattodea	FRANCE: Poitou- Charentes Region* (Charente Department)

Vršanský, Peter (2008) New blattarians and a review of dictyopteran assemblages from the Lower Cretaceous of Mongolia. <i>Acta Palaeontologica Polonica</i> 53(1): 129-136	† <i>Nuurcala srneci</i>	Blattaria: Caloblattinidae	MONGOLIA: Bayankhongor Aimag*
Vršanský, Peter (2008) New blattarians and a review of dictyopteran assemblages from the Lower Cretaceous of Mongolia. <i>Acta Palaeontologica Polonica</i> 53(1): 129-136	† <i>Vrtula sama</i>	Blattaria: Blattulidae	MONGOLIA: Dundgovi Aimag*
Waisfeld, Beatriz G.; Vaccari, N. Emilio (2008) El género <i>Thysanopyge</i> (Trilobita, Ordovicio Temprano): Especies y distribución en el noroeste argentino. <i>Ameghiniana</i> 45(4): 753-774	† <i>Thysanopyge maderensis</i>	Trilobita: Asaphida: Asaphidae	ARGENTINA: Jujuy*
Waisfeld, Beatriz G.; Vaccari, N. Emilio (2008) El género <i>Thysanopyge</i> (Trilobita, Ordovicio Temprano): Especies y distribución en el noroeste argentino. <i>Ameghiniana</i> 45(4): 753-774	† <i>Thysanopyge victoriensis</i>	Trilobita: Asaphida: Asaphidae	ARGENTINA: Salta*
Wallace, Carden C. (2008) New species and records from the Eocene of England and France support early diversification of the coral genus <i>Acropora</i> . <i>Journal of Paleontology</i> 82(2): 313-328	† <i>Acropora alvarezi</i>	Cnidaria: Anthozoa: Scleractinia: Acropodidae	FRANCE: (Auvers -- there is one in Haute- Loire and one in Manche)
Wallace, Carden C. (2008) New species and records from the Eocene of England and France support early diversification of the coral genus <i>Acropora</i> . <i>Journal of Paleontology</i> 82(2): 313-328	† <i>Acropora alvarezi</i>	Cnidaria: Anthozoa: Scleractinia: Acropodidae	FRANCE: Île-de- France Region* (Paris Department)
Wallace, Carden C. (2008) New species and records from the Eocene of England and France support early diversification of the coral genus <i>Acropora</i> . <i>Journal of Paleontology</i> 82(2): 313-328	† <i>Acropora alvarezi</i>	Cnidaria: Anthozoa: Scleractinia: Acropodidae	FRANCE: Île-de- France Region* (Val- d'Oise Department)
Wallace, Carden C. (2008) New species and records from the Eocene of England and France support early diversification of the coral genus <i>Acropora</i> . <i>Journal of Paleontology</i> 82(2): 313-328	† <i>Acropora alvarezi</i>	Cnidaria: Anthozoa: Scleractinia: Acropodidae	FRANCE: Picardie Region* (Oise Department)
Wallace, Carden C. (2008) New species and records from the Eocene of England and France support early diversification of the coral genus <i>Acropora</i> . <i>Journal of Paleontology</i> 82(2): 313-328	† <i>Acropora bartonensis</i>	Cnidaria: Anthozoa: Scleractinia: Acropodidae	ENGLAND: Hampshire*
Wallace, Carden C. (2008) New species and records from the Eocene of England and France support early diversification of the coral genus <i>Acropora</i> . <i>Journal of Paleontology</i> 82(2): 313-328	† <i>Acropora britannica</i>	Cnidaria: Anthozoa: Scleractinia: Acropodidae	ENGLAND: Hampshire* (Brockenhurst)
Wallace, Carden C. (2008) New species and records from the Eocene of England and France support early diversification of the coral genus <i>Acropora</i> . <i>Journal of Paleontology</i> 82(2): 313-328	† <i>Acropora proteacea</i>	Cnidaria: Anthozoa: Scleractinia: Acropodidae	FRANCE: (Auvers -- there is one in Haute- Loire and one in Manche)
Wallace, Carden C. (2008) New species and records from the Eocene of England and France support early diversification of the coral genus <i>Acropora</i> . <i>Journal of Paleontology</i> 82(2): 313-328	† <i>Acropora proteacea</i>	Cnidaria: Anthozoa: Scleractinia: Acropodidae	FRANCE: Île-de- France Region* (Val- d'Oise Department)

Wallace, Carden C. (2008) New species and records from the Eocene of England and France support early diversification of the coral genus <i>Acropora</i> . Journal of Paleontology 82(2): 313-328	† <i>Acropora wilsonae</i>	Cnidaria: Anthozoa: Scleractinia: Acropodidae	FRANCE: (Auvers -- there is one in Haute-Loire and one in Manche)
Wallace, Carden C. (2008) New species and records from the Eocene of England and France support early diversification of the coral genus <i>Acropora</i> . Journal of Paleontology 82(2): 313-328	† <i>Acropora wilsonae</i>	Cnidaria: Anthozoa: Scleractinia: Acropodidae	FRANCE: Île-de-France Region* (Paris Department)
Wallace, Carden C. (2008) New species and records from the Eocene of England and France support early diversification of the coral genus <i>Acropora</i> . Journal of Paleontology 82(2): 313-328	† <i>Acropora wilsonae</i>	Cnidaria: Anthozoa: Scleractinia: Acropodidae	FRANCE: Île-de-France Region* (Val-d'Oise Department)
Wallace, Carden C. (2008) New species and records from the Eocene of England and France support early diversification of the coral genus <i>Acropora</i> . Journal of Paleontology 82(2): 313-328	† <i>Acropora wilsonae</i>	Cnidaria: Anthozoa: Scleractinia: Acropodidae	FRANCE: Picardie Region* (Oise Department)
Walsh, Stig; Sánchez, Rodolfo (2008) The first Cenozoic fossil bird from Venezuela. Paläontologische Zeitschrift 82(2): 105-112	† <i>Jabiru codorensis</i>	Aves: Ciconiiformes: Ciconiidae	VENEZUELA: Falcón*
Wang, Ban-Yue (2008) [Additional rodent material from Houldjin Formation of Erenhot, Nei Mongol, China]. Vertebrata Palasiatica 46(1): 21-30 (in Chinese)	† <i>Prosciurus pristinus</i>	Mammalia: Rodentia: Aplodontidae	CHINA: Inner Mongolia*
Wang, Ban-Yue (2008) [First record of Late Eocene insectivores and chiropteres from Nei Mongol, China]. Vertebrata Palasiatica 46(4): 249-264 (in Chinese)	† <i>Anatolechinos neimongolensis</i>	Mammalia: Erinaceomorpha: Erinaceidae	CHINA: Inner Mongolia*
Wang, Ban-Yue (2008) [First record of primate fossils from Late Eocene in Eren Region, Nei Mongol, China]. Vertebrata Palasiatica 46(2): 81-89 (in Chinese)	† <i>Pseudoloris erenensis</i>	Mammalia: Primates: Omomyidae	CHINA: Inner Mongolia*
Wang, Bo; Zhang, Haichun; Fang, Yan; Wang, Dejin; Ji, Shengzhu (2008) New data on Cretaceous Palaeontinidae (Insecta: Hemiptera) from China. Cretaceous Research 29(4): 551-560	† <i>Ilerdocossus ningchengensis</i> Wang & Zhang	Hemiptera: Cicadomorpha: Palaeontinidae	CHINA: Inner Mongolia*
Wang, Bo; Zhang, Haichun; Fang, Yan; Zhang, Yutao (2008) A revision of Palaeontinidae (Insecta: Hemiptera: Cicadomorpha) from the Jurassic of China with descriptions of new taxa and new combinations. Geological Journal 43(1): 1-18	† <i>Martynovocossus cheni</i> Wang & Zhang	Hemiptera: Cicadomorpha: Palaeontinidae	CHINA: Inner Mongolia*
Wang, Bo; Zhang, Haichun; Fang, Yan; Zhang, Yutao (2008) A revision of Palaeontinidae (Insecta: Hemiptera: Cicadomorpha) from the Jurassic of China with descriptions of new taxa and new combinations. Geological Journal 43(1): 1-18	† <i>Martynovocossus decorus</i> Wang & Zhang	Hemiptera: Cicadomorpha: Palaeontinidae	CHINA: Inner Mongolia*
Wang, Bo; Zhang, Haichun; Jarzembowski, Edmund A. (2008) A new genus and species of Palaeontinidae (Insecta: Hemiptera: Cicadomorpha) from the Lower Cretaceous of southern England. Zootaxa 1751:65-68	† <i>Valdicossus chesteri</i>	Hemiptera: Cicadomorpha: Palaeontinidae	ENGLAND: South East England*
Wang, De-Ming (2008) A new Iridopteridalean plant from the Middle Devonian of northwest China. International Journal of Plant Sciences 169(8): 1100-1115	† <i>Ramophyton givetianum</i> Wang	Euphyllophytina: Cladoxylopsida: Iridopteridales: fam. indet.	CHINA: Xinjiang*

Wang, Si-en; Li, Gang (2008) [New fossil clam shrimps from the Tuchengzi Formation of northern Hebei and western Liaoning]. Acta Palaeontologica Sinica 47(3): 319-325 (in Chinese, with English summary and species descriptions)	† <i>Lingyuanella shuiquanensis</i> Wang	Crustacea: Branchiopoda: Conchostraca: Nestoriidae	CHINA: Liaoning*
Wang, Si-en; Li, Gang (2008) [New fossil clam shrimps from the Tuchengzi Formation of northern Hebei and western Liaoning]. Acta Palaeontologica Sinica 47(3): 319-325 (in Chinese, with English summary and species descriptions)	† <i>Pingquania huangtuliangensis</i> Wang	Crustacea: Branchiopoda: Conchostraca: Eosestheriidae	CHINA: Hebei*
Wang, Xiaolin; Campos, Diogenes de Almeida; Zhou, Zhonghe; Kellner, Alexander W.A. (2008) A primitive istiodactylid pterosaur (Pterodactyloidea) from the Jiufotang Formation (Early Cretaceous), northeast China. Zootaxa 1813:1-18	† <i>Hongshanopterus lacustris</i>	Pterosauria: Pterodactyloidea: Istiodactylidae	CHINA: Liaoning Province*
Wang, Xiaolin; Kellner, Alexander W.A.; Zhou, Zhonghe; Campos, Diogenes de Almeida (2008) Discovery of a rare arboreal forest-dwelling flying reptile (Pterosauria, Pterodactyloidea) from China. Proceedings of the National Academy of Sciences of the United States of America 105(6): 1983-1987	† <i>Nemicolopterus crypticus</i>	Pterosauria: Pterodactyloidea: Dsungaripteroidea: fam. indet.	CHINA: Liaoning*
Wang, Xiaoming; Carranza-Castañeda, Óscar (2008) Earliest hog-nosed skunk, <i>Conepatus</i> (Mephitidae, Carnivora), from the early Pliocene of Guanajuato, Mexico and origin of South American skunks. Zoological Journal of the Linnean Society 154(2): 386-407	† <i>Conepatus sanmiguelensis</i>	Mammalia: Carnivora: Mephitidae	MEXICO: Guanajuato State*
Wang, Xiaoming; Carranza-Castañeda, Óscar (2008) Earliest hog-nosed skunk, <i>Conepatus</i> (Mephitidae, Carnivora), from the early Pliocene of Guanajuato, Mexico and origin of South American skunks. Zoological Journal of the Linnean Society 154(2): 386-407	† <i>Conepatus sanmiguelensis</i>	Mammalia: Carnivora: Mephitidae	MEXICO: Jalisco State*
Wang, Xiaoming; Tedford, Richard H. (2008) Fossil dogs (Carnivora, Canidae) from the Sespe and Vaqueros formations in southern California, with comments on relationships of <i>Phlaocyon taylori</i> . In: <i>Geology and Vertebrate Paleontology of Western and Southern North America: Contributions in Honor of David P. Whistler</i> . X. Wang and L.G. Barnes, eds. Natural History Museum of Los Angeles County Science Series 41. Natural History Museum of Los Angeles County: Los Angeles, pp. 255-272	† <i>Cynarctoides whistleri</i>	Mammalia: Carnivora: Canidae	USA: California: Orange County*
Wang, Xiaoming; Tedford, Richard H. (2008) Fossil dogs (Carnivora, Canidae) from the Sespe and Vaqueros formations in southern California, with comments on relationships of <i>Phlaocyon taylori</i> . In: <i>Geology and Vertebrate Paleontology of Western and Southern North America: Contributions in Honor of David P. Whistler</i> . X. Wang and L.G. Barnes, eds. Natural History Museum of Los Angeles County Science Series 41. Natural History Museum of Los Angeles County: Los Angeles, pp. 255-272	† <i>Cynarctoides whistleri</i>	Mammalia: Carnivora: Canidae	USA: Texas: Washington County*
Wang, Ying; Wang, Lin; Ren, Dong (2008) Revision of genera <i>Quadraticossus</i> , <i>Martynovocossus</i> and <i>Fletcheriana</i> (Insecta, Hemiptera) from the Middle Jurassic of China with description of a new species. Zootaxa 1855: 56-64	† <i>Quadraticossus eumorphus</i>	Hemiptera: Cicadomorpha: Palaeonthinidae	CHINA: Inner Mongolia*
Wang, Yuan-Qing; Meng, Jin; Ni, Xi-Jun; Beard, K. Christopher (2008) A new Early Eocene arctostylopoid (Arctostylopida, Mammalia) from the Erlian Basin, Nei Mongol (Inner Mongolia), China. Journal of Vertebrate Paleontology 28(2): 553-558	† <i>Anatolestylops zhaili</i>	Mammalia: Arctostylopida: Arctostylopidae	CHINA: Inner Mongolia*

Wang, Yu-jing; Cheng, Jun-feng; Zhang, Yuan-dong (2008) [New radiolarian genera and species of Heituo Formation (Ordovician) in the Kuruktag Region, Xinjiang]. Acta Palaeontologica Sinica 47(4): 393-404 (in Chinese, with English summary and species descriptions)	† <i>Batoballa communis</i> Wang	Rhizaria: Retaria: Radiolaria: Inaniguttidae	CHINA: Xinjiang*
Wang, Yu-jing; Cheng, Jun-feng; Zhang, Yuan-dong (2008) [New radiolarian genera and species of Heituo Formation (Ordovician) in the Kuruktag Region, Xinjiang]. Acta Palaeontologica Sinica 47(4): 393-404 (in Chinese, with English summary and species descriptions)	† <i>Batoballa longiovata</i> Wang	Rhizaria: Retaria: Radiolaria: Inaniguttidae	CHINA: Xinjiang*
Wang, Yu-jing; Cheng, Jun-feng; Zhang, Yuan-dong (2008) [New radiolarian genera and species of Heituo Formation (Ordovician) in the Kuruktag Region, Xinjiang]. Acta Palaeontologica Sinica 47(4): 393-404 (in Chinese, with English summary and species descriptions)	† <i>Beothuka longispiniforma</i> Wang	Rhizaria: Retaria: Radiolaria: Inaniguttidae	CHINA: Xinjiang*
Wang, Yu-jing; Cheng, Jun-feng; Zhang, Yuan-dong (2008) [New radiolarian genera and species of Heituo Formation (Ordovician) in the Kuruktag Region, Xinjiang]. Acta Palaeontologica Sinica 47(4): 393-404 (in Chinese, with English summary and species descriptions)	† <i>Protosegmentum xinjiangensis</i> Wang	Rhizaria: Retaria: Radiolaria: Inaniguttidae	CHINA: Xinjiang*
Wang, Yu-jing; Cheng, Jun-feng; Zhang, Yuan-dong (2008) [New radiolarian genera and species of Heituo Formation (Ordovician) in the Kuruktag Region, Xinjiang]. Acta Palaeontologica Sinica 47(4): 393-404 (in Chinese, with English summary and species descriptions)	† <i>Quasibeothuka bifurcata</i> Wang	Rhizaria: Retaria: Radiolaria: Inaniguttidae	CHINA: Xinjiang*
Wang, Yu-jing; Cheng, Jun-feng; Zhang, Yuan-dong (2008) [New radiolarian genera and species of Heituo Formation (Ordovician) in the Kuruktag Region, Xinjiang]. Acta Palaeontologica Sinica 47(4): 393-404 (in Chinese, with English summary and species descriptions)	† <i>Quasibeothuka ellipsoida</i> Wang	Rhizaria: Retaria: Radiolaria: Inaniguttidae	CHINA: Xinjiang*
Wang, Yu-jing; Cheng, Jun-feng; Zhang, Yuan-dong (2008) [New radiolarian genera and species of Heituo Formation (Ordovician) in the Kuruktag Region, Xinjiang]. Acta Palaeontologica Sinica 47(4): 393-404 (in Chinese, with English summary and species descriptions)	† <i>Quasibeothuka fusiforma</i> Wang	Rhizaria: Retaria: Radiolaria: Inaniguttidae	CHINA: Xinjiang*
Wang, Yu-jing; Cheng, Jun-feng; Zhang, Yuan-dong (2008) [New radiolarian genera and species of Heituo Formation (Ordovician) in the Kuruktag Region, Xinjiang]. Acta Palaeontologica Sinica 47(4): 393-404 (in Chinese, with English summary and species descriptions)	† <i>Quasibeothuka longifusiforma</i> Wang	Rhizaria: Retaria: Radiolaria: Inaniguttidae	CHINA: Xinjiang*
Wang, Yu-jing; Cheng, Jun-feng; Zhang, Yuan-dong (2008) [New radiolarian genera and species of Heituo Formation (Ordovician) in the Kuruktag Region, Xinjiang]. Acta Palaeontologica Sinica 47(4): 393-404 (in Chinese, with English summary and species descriptions)	† <i>Quasibeothuka ovata</i> Wang	Rhizaria: Retaria: Radiolaria: Inaniguttidae	CHINA: Xinjiang*
Wang, Yu-jing; Cheng, Jun-feng; Zhang, Yuan-dong (2008) [New radiolarian genera and species of Heituo Formation (Ordovician) in the Kuruktag Region, Xinjiang]. Acta Palaeontologica Sinica 47(4): 393-404 (in Chinese, with English summary and species descriptions)	† <i>Tetrasphaera kuruktagensis</i> Wang	Rhizaria: Retaria: Radiolaria: Inaniguttidae	CHINA: Xinjiang*
Waterhouse, David M.; Lindow, Bent E.K.; Zelenkov, Nikita V.; Dyke, Gareth J. (2008) Two new parrots (Psittaciformes) from the Lower Eocene Fur Formation of Denmark. Palaeontology 51(3):575-582	† <i>Mopsitta tanta</i>	Aves: Psittaciformes: fam. indet.	DENMARK: Nordjylland*

Webb, S. David (2008) Revision of the extinct Pseudoceratinae (Artiodactyla: Ruminantia: Gelocidae). Bulletin of the Florida Museum of Natural History 48(2): 17-58	† <i>Floridameryx floridanus</i>	Mammalia: Artiodactyla: Gelocidae	USA: Florida: Alachua County*
Webb, S. David (2008) Revision of the extinct Pseudoceratinae (Artiodactyla: Ruminantia: Gelocidae). Bulletin of the Florida Museum of Natural History 48(2): 17-58	† <i>Floridameryx floridanus</i>	Mammalia: Artiodactyla: Gelocidae	USA: Florida: Citrus County*
Webb, S. David (2008) Revision of the extinct Pseudoceratinae (Artiodactyla: Ruminantia: Gelocidae). Bulletin of the Florida Museum of Natural History 48(2): 17-58	† <i>Floridameryx floridanus</i>	Mammalia: Artiodactyla: Gelocidae	USA: Florida: Marion County*
Webb, S. David (2008) Revision of the extinct Pseudoceratinae (Artiodactyla: Ruminantia: Gelocidae). Bulletin of the Florida Museum of Natural History 48(2): 17-58	† <i>Floridameryx floridanus</i>	Mammalia: Artiodactyla: Gelocidae	USA: Florida: Polk County*
Webby, Barry D.; Zhen, Yong Yi (2008) Devonian syringostromatid stromatoporoids from the Broken River region, North Queensland. Records of the Australian Museum 60(2): 215-236	† <i>Atopostroma protentum</i>	Porifera: Demospongiae: Stromatoporoidea: Coenostromatidae	AUSTRALIA: Queensland*
Webby, Barry D.; Zhen, Yong Yi (2008) Devonian syringostromatid stromatoporoids from the Broken River region, North Queensland. Records of the Australian Museum 60(2): 215-236	† <i>Atopostroma stearni</i>	Porifera: Demospongiae: Stromatoporoidea: Coenostromatidae	AUSTRALIA: Queensland*
Webby, Barry D.; Zhen, Yong Yi (2008) Devonian syringostromatid stromatoporoids from the Broken River region, North Queensland. Records of the Australian Museum 60(2): 215-236	† <i>Habrostroma alternum</i>	Porifera: Demospongiae: Stromatoporoidea: Coenostromatidae	AUSTRALIA: Queensland*
Weber, Reinhard (2008) <i>Dictyotrichia</i> gen. nov., <i>Haitingeria</i> Krasser, y otros órganos reproductivos o apendiculares de cicadofitas, Triásicos Tardío, Sonora, México. Boletín - Instituto Geología, Universidad Nacional Autónoma de Mexico 115(3): 117-149	† <i>Bennettistemon sonorensis</i>	Bennettitales: Williamsoniaceae	MEXICO: Sonora*
Weber, Reinhard (2008) <i>Dictyotrichia</i> gen. nov., <i>Haitingeria</i> Krasser, y otros órganos reproductivos o apendiculares de cicadofitas, Triásicos Tardío, Sonora, México. Boletín - Instituto Geología, Universidad Nacional Autónoma de Mexico 115(3): 117-149	† <i>Cycadolepis auris-leporis</i>	Cycadophyta: fam. indet.	MEXICO: Sonora*
Weber, Reinhard (2008) <i>Dictyotrichia</i> gen. nov., <i>Haitingeria</i> Krasser, y otros órganos reproductivos o apendiculares de cicadofitas, Triásicos Tardío, Sonora, México. Boletín - Instituto Geología, Universidad Nacional Autónoma de Mexico 115(3): 117-149	† <i>Dictyotrichia john-strongii</i>	Bennettitales: Williamsoniaceae	MEXICO: Sonora*
Weber, Reinhard (2008) <i>Dictyotrichia</i> gen. nov., <i>Haitingeria</i> Krasser, y otros órganos reproductivos o apendiculares de cicadofitas, Triásicos Tardío, Sonora, México. Boletín - Instituto Geología, Universidad Nacional Autónoma de Mexico 115(3): 117-149	† <i>Dictyotrichia major</i>	Bennettitales: Williamsoniaceae	MEXICO: Sonora*

Weber, Reinhard (2008) <i>Dictyotrichia</i> gen. nov., <i>Haitingeria</i> Krasser, y otros órganos reproductivos o apendiculares de cicadofitas, Triásicos Tardío, Sonora, México. Boletín - Instituto Geología, Universidad Nacional Autónoma de Mexico 115(3): 117-149	† <i>Williamsonia newberryi</i>	Bennettitales: Williamsoniaceae	MEXICO: Sonora*
Weber, Reinhard (2008) <i>Dictyotrichia</i> gen. nov., <i>Haitingeria</i> Krasser, y otros órganos reproductivos o apendiculares de cicadofitas, Triásicos Tardío, Sonora, México. Boletín - Instituto Geología, Universidad Nacional Autónoma de Mexico 115(3): 117-149	† <i>Williamsonia? opilionoides</i>	Bennettitales: Williamsoniaceae	MEXICO: Sonora*
Weber, Reinhard (2008) Homomorfismo en Equisetaceae del Triásico: <i>Asinisetum</i> gen. nov., <i>Equisetites aequecaliginosus</i> Weber y conos asociados de Sonora, México. Boletín - Instituto Geología, Universidad Nacional Autónoma de Mexico 115(1): 1-83	† <i>Asinisetum breviarticulatum</i>	Pteridophyta: Equisetales: Equisetaceae	MEXICO: Sonora*
Weber, Reinhard (2008) Homomorfismo en Equisetaceae del Triásico: <i>Asinisetum</i> gen. nov., <i>Equisetites aequecaliginosus</i> Weber y conos asociados de Sonora, México. Boletín - Instituto Geología, Universidad Nacional Autónoma de Mexico 115(1): 1-83	† <i>Asinisetum dissimile</i>	Pteridophyta: Equisetales: Equisetaceae	MEXICO: Sonora*
Weber, Reinhard (2008) Homomorfismo en Equisetaceae del Triásico: <i>Asinisetum</i> gen. nov., <i>Equisetites aequecaliginosus</i> Weber y conos asociados de Sonora, México. Boletín - Instituto Geología, Universidad Nacional Autónoma de Mexico 115(1): 1-83	† <i>Asinisetum formosum</i>	Pteridophyta: Equisetales: Equisetaceae	MEXICO: Sonora*
Weber, Reinhard (2008) <i>Phlebopteris</i> (Matoniaceae) en el Triásico y Jurásico de México. Boletín - Instituto Geología, Universidad Nacional Autónoma de Mexico 115(2): 85-115	† <i>Phlebopteris crenulata</i>	Pteridophyta: Gleicheniales: Matoniaceae	MEXICO: Sonora*
Weber, Reinhard (2008) <i>Phlebopteris</i> (Matoniaceae) en el Triásico y Jurásico de México. Boletín - Instituto Geología, Universidad Nacional Autónoma de Mexico 115(2): 85-115	† <i>Phlebopteris otongensis</i>	Pteridophyta: Gleicheniales: Matoniaceae	MEXICO: Hidalgo*
Webster, Gary D.; Yilmaz, Isak; Kozlu, Hüseyin (2008) A new Middle Devonian gasterocomid crinoid from central Turkey and revision of the Gasterocomidae. Palaeoworld 17(1): 12-20	† <i>Arachnocrinus sarizensis</i>	Echinodermata: Crinoidea: Gasterocomidae	TURKEY: Kayseri*
Wedmann, Sonja; Yeates, David K. (2008) Eocene records of bee flies (Insecta, Diptera, Bombyliidae, <i>Comptosia</i>): Their palaeobiogeographic implications and remarks on the evolutionary history of bombyliids. Palaeontology 51(1):231-240	† <i>Comptosia pria</i>	Diptera: Bombyliidae	GERMANY: Hesse*
Werdelin, Lars; Lewis, Margaret E. (2008) New species of <i>Crocota</i> from the Early Pliocene of Kenya, with an overview of Early Pliocene hyenas of eastern Africa. Journal of Vertebrate Paleontology 28(4): 1162-1170	† <i>Crocota eturono</i>	Mammalia: Carnivora: Hyainidae	KENYA: Rift Valley Province*
Wesselingh, Frank (2008) <i>Onobops umbilicalis</i> nov. spec., a new species of gastropod from the Miocene of western Amazonia. Basteria 72(4-6): 155-158	† <i>Onobops umbilicalis</i>	Mollusca: Gastropoda: Cochliopidae	PERU: Loreto*
Whittle, Rowan; Gabbott, Sarah; Aldridge, Richard; Theron, Johannes (2008) Late Ordovician (Hirnantian) scolecodont clusters from the Soom Shale Lagerstätte, South Africa. Journal of Micropalaeontology 27(2): 147-159	† <i>Synaptogenys rietvleiensis</i>	Annelida: Polychaeta: Eunicida: Mochtyellidae	SOUTH AFRICA: (Rietvlei, near Clanwilliam)---there are multiple "Rietvlei" sites in S Afr
Wichard, Wilfried; Neumann, Christian (2008) <i>Rhyacophila quadrata</i> n.sp., a new caddisfly (Insecta, Trichoptera) from Eocene Baltic amber. Fossil Record 11(1): 19-23	† <i>Rhyacophila quadrata</i>	Trichoptera: Rhyacophilidae	("Baltic amber")

Wilkinson, Laura E.; Young, Mark T.; Benton, Michael J. (2008) A new metriorhynchid crocodilian (Mesoeucrocodylia: Thalattosuchia) from the Kimmeridgian (Upper Jurassic) of Wiltshire, UK. <i>Palaeontology</i> 51(6):1307-1333	† <i>Dakosaurus carpenteri</i>	Sauropsida: Crocodylomorpha: Mesoeucrocodylia: Thalattosuchia:	ENGLAND: South West Region* (Wiltshire County)
Williams, Blythe A.; Kirk, E. Christopher (2008) New Uintan primates from Texas and their implications for North American patterns of species richness during the Eocene. <i>Journal of Human Evolution</i> 55(6): 927-941	† <i>Diablomomys dalquesti</i>	Mammalia: Primates: Omomyidae	USA: Texas: Brewster County*
Williams, David M. (2008) New names for three fossil species in the genus <i>Tetracyclus</i> Ralfs from Shangdu County, Inner Mongolia, P.R. China. <i>Diatom Research</i> 23(1): 249-253	† <i>Tetracyclus kingstonii</i> D.M. Williams	Bacillariophyta: Bacillariophyceae	CHINA: Inner Mongolia*
Williams, David M. (2008) New names for three fossil species in the genus <i>Tetracyclus</i> Ralfs from Shangdu County, Inner Mongolia, P.R. China. <i>Diatom Research</i> 23(1): 249-253	† <i>Tetracyclus subrostrata</i> D.M. Williams	Bacillariophyta: Bacillariophyceae	CHINA: Inner Mongolia*
Williams, Mark; Siveter, David J. (2008) The earliest leperditicope arthropod: A new genus from the Ordovician of Spitsbergen. <i>Journal of Micropalaeontology</i> 27(2): 97-101	† <i>Trinesos akroria</i>	Arthropoda: Leperditicopida: Isochilinidae	SVALBARD (Spitsbergen, Arctic Ocean)
Willman, Sebastian; Moczyłowska, Małgorzata (2008) Ediacaran acritarch biota from the Giles 1 drillhole, Officer Basin, Australia, and its potential for biostratigraphic correlation. <i>Precambrian Research</i> 162(3-4): 498-530	† <i>Calyxia xandaros</i> Willman	Ediacaran Acritarcha	AUSTRALIA: South Australia*
Willman, Sebastian; Moczyłowska, Małgorzata (2008) Ediacaran acritarch biota from the Giles 1 drillhole, Officer Basin, Australia, and its potential for biostratigraphic correlation. <i>Precambrian Research</i> 162(3-4): 498-530	† <i>Tanarium anozos</i> Willman	Ediacaran Acritarcha	AUSTRALIA: South Australia*
Winkler Prins, Cor F. (2008) Some spiriferid brachiopods from the Permian of Timor (Indonesia). <i>Proceedings of the Royal Society of Victoria</i> 120(1): 389-400	† <i>Latispirifer archboldorum</i>	Brachiopoda: Rhynchonellata: Spiriferida: Neospiriferidae	INDONESIA: East Nusa Tenggara*
Wisshak, Max (2008) Two new dwarf <i>Entobia</i> ichnospecies in a diverse aphotic ichnocoenosis (Pleistocene, Rhodes, Greece). In: <i>Current Developments in Bioerosion</i> (Max Wisshak and Leif Tapanila, eds.) Springer: Berlin, pp. 213-233	† <i>Entobia mikra</i> isp.n.	Ichnospecies	GREECE
Wisshak, Max (2008) Two new dwarf <i>Entobia</i> ichnospecies in a diverse aphotic ichnocoenosis (Pleistocene, Rhodes, Greece). In: <i>Current Developments in Bioerosion</i> (Max Wisshak and Leif Tapanila, eds.) Springer: Berlin, pp. 213-233	† <i>Entobia nana</i> isp.n.	Ichnospecies	GREECE
Wisshak, Max; Seuß, Barbara; Nützel, Alexander (2008) Evolutionary implications of an exceptionally preserved Carboniferous microboring assemblage in the Buckhorn Asphalt lagerstätte (Oklahoma, USA). In: <i>Current Developments in Bioerosion</i> (Max Wisshak and Leif Tapanila, eds.) Springer: Berlin, pp. 21-53	† <i>Aurimorpha varia</i> isp.n.	Ichnospecies	USA: Oklahoma (Arbuckle Mountains)
Witton, Mark P. (2008) A new azhdarchoid pterosaur from the Crato Formation (Lower Cretaceous, Aptian?) of Brazil. <i>Palaeontology</i> 51(6):1289-1300	† <i>Lacusovagus magnificens</i>	Pterosauria: Azhdarchoidea: fam. indet.	BRAZIL: (Chapada do Araripe--forms border between Ceará and Pernambuco states)

Worthy, Trevor H. (2008) Pliocene waterfowl (Aves: Anseriformes) from South Australia and a new genus and species. <i>Emu</i> 108(2): 153-165	† <i>Tirarinetta kanunka</i>	Aves: Anseriformes: Anatidae	AUSTRALIA: South Australia*
Worthy, Trevor H.; Tennyson, Alan J.D.; Hand, Suzanne J.; Scofield, R. Paul (2008) A new species of the diving duck <i>Manuherikia</i> and evidence for geese (Aves: Anatidae: Anserinae) in the St. Bathans Fauna (Early Miocene), New Zealand. <i>Journal of the Royal Society of New Zealand</i> 38(2): 97-114	† <i>Manuherikia douglasi</i>	Aves: Anseriformes: Anatidae	NEW ZEALAND: Otago*
Wright, Anthony D.; Rong, Jia-Yu (2008) Co-existence of interarea and palintrope: Contribution of a new pentameride brachiopod from the Upper Ordovician of Sweden. <i>Earth and Environmental Science Transactions of the Royal Society of Edinburgh</i> 98(3-4): 263-269	† <i>Costilamnulella valdari</i>	Brachiopoda: Virganiidae	SWEDEN: Dalarna*
Xia, Feng-sheng; Zhang, Sen-gui; Yan, Hui-jun (2008) Floan (early Ordovician) bryozoans from the Upper Hunghuayuan Formation of Langyashan, Chuzhou, Anhui Province, China. <i>Acta Micropaleontologica Sinica</i> 25(1): 19-34	† <i>Orbirus grandis</i>	Bryozoa: Trepostomida: Esthonioporina: Aisenergiidae	CHINA: Anhui Province*
Xiang, Ning; Ma, Shi-Min; Tian, Bao-Lin; Wang, Shi-Jun; Zhang, Ming-Shan (2008) New species of the isolated psaroniaceae rachis from the Early Permian in China. <i>Journal of Integrative Plant Biology</i> 50(1): 119-127	† <i>Stipitopteris shanxiensis</i>	Marattiales: Psaroniaceae	CHINA: Shanxi*
Xue, Jinzhuang; Hao, Shougang (2008) <i>Denglongia hubeiensis</i> gen. et sp. nov., a new plant attributed to Cladoxylopsida from the Upper Devonian (Frasnian) of south China. <i>International Journal of Plant Sciences</i> 169(9): 1314-1331	† <i>Denglongia hubeiensis</i> Xue & Hao	Euphyllophytina: Cladoxylopsida: ord. indet.: fam. indet.	CHINA: Hubei*
Yabumoto, Yoshitaka (2008) A new Early Cretaceous osteoglossomorph fish from Japan, with comments on the origin of the Osteoglossiformes. In: Arratia, Gloria; Schultze, Hans-Peter; Wilson, Mark V.H. (eds.) (2008) Mesozoic Fishes 4. Homology and Phylogeny. Proceedings of the International Meeting, Miraflores de la Sierra, 2005. Verlag Dr. Friedrich Pfeil: München, pp. 217-228	† <i>Tetoriichthys kuwajimaensis</i>	Osteoglossomorpha: Osteoglossiformes: fam. indet.	JAPAN: Ishikawa Prefecture*
Yabumoto, Yoshitaka (2008) A new Mesozoic coelacanth from Brazil (Sarcopterygii, Actinistia). <i>Paleontological Research</i> 12(4): 329-343	† <i>Parnaibaia maranhaoensis</i>	Sarcopterygii, Actinistia: Coelacanthiformes: Mawsoniidae	BRAZIL: Maranhão State*
Yadrenkin, A.V. (2008) <i>Dagysina</i> , a new nodosariid genus (Foraminifera) from the Upper Triassic of Koet'ny Island, New Siberian Islands. <i>Paleontological Journal</i> 42(3): 221-226 [Paleontologicheskii Zhurnal 2008(3): 3-7 (in Russian)]	† <i>Dagysina novosibirica</i> Yadrenkin	Foraminifera: Nodosariidae	RUSSIA: Sakha Republic*
Yamada, Toshihiro; Kato, Masahiro (2008) <i>Stopesia alveolata</i> , a fossil seed of Trimeniaceae from the Lower Cretaceous (Albian) of Hokkaido, northern Japan. <i>Acta Phytotaxonomica et Geobotanica</i> 59(3): 228-230	† <i>Stopesia alveolata</i> T. Yamada & M. Kato	Angiospermae: Trimeniaceae	JAPAN: Hokkaido Prefecture*
Yamada, Toshihiro; Uemura, Kazuhiko (2008) The plant fossils from the Kaizara Formation (Cretaceous, Jurassic) of the Tetori Group in the Izumi District, Fukui Prefecture, Central Japan. <i>Paleontological Research</i> 12(1): 1-17	† <i>Otozamites crassipinnatus</i> T. Yamada & Uemura	Cycadeoidopsida: Cycadeoidales: fam. indet.	JAPAN: Fukui Prefecture*
Yamaguchi, Tatsuhiko; Kurita, Hiroshi (2008) Eocene Ostracoda assemblages with <i>Robertsonites</i> from Hokkaido and their implications for the paleobiogeography of northwestern Pacific. <i>Bulletin of the Geological Survey of Japan</i> 59(7-8): 369-384	† <i>Robertsonites ashibetsuensis</i>	Crustacea: Ostracoda: Trachyleberididae	JAPAN: Hokkaido*

Yamaguchi, Tatsuhiko; Matsubara, Takashi; Suzuki, Shigeyuki; Tanaka, Hajime (2008) Paleogene ostracodes from Kurashiki City, Okayama Prefecture, southwestern Japan. <i>Paleontological Research</i> 12(4): 355-369	† <i>Acanthocythereis kurashikiensis</i>	Crustacea: Ostracoda: Trachyleberididae	JAPAN: Okayama Prefecture*
Yang, Jing-lin; Wang, Qi-fei; Lu, Hui-nan (2008) [Cretaceous charophyte floras from the Junggar Basin, Xinjiang, China]. <i>Acta Micropaleontologica Sinica</i> 25(4): 345-363 (in Chinese, with English summary and species descriptions)	† <i>Aclistochara (Caucasuella) shaqiuheensis</i> H.N. Lu	Charophyta: Characeae: Aclistocharoideae	CHINA: Xinjiang*
Yang, Jing-lin; Wang, Qi-fei; Lu, Hui-nan (2008) [Cretaceous charophyte floras from the Junggar Basin, Xinjiang, China]. <i>Acta Micropaleontologica Sinica</i> 25(4): 345-363 (in Chinese, with English summary and species descriptions)	† <i>Aclistochara (Caucasuella) xibeiensis</i> H.N. Lu	Charophyta: Characeae: Aclistocharoideae	CHINA: Xinjiang*
Yang, Jing-lin; Wang, Qi-fei; Lu, Hui-nan (2008) [Cretaceous charophyte floras from the Junggar Basin, Xinjiang, China]. <i>Acta Micropaleontologica Sinica</i> 25(4): 345-363 (in Chinese, with English summary and species descriptions)	† <i>Aclistochara hongshaquanensis</i> H.N. Lu	Charophyta: Characeae: Aclistocharoideae	CHINA: Xinjiang*
Yang, Jing-lin; Wang, Qi-fei; Lu, Hui-nan (2008) [Cretaceous charophyte floras from the Junggar Basin, Xinjiang, China]. <i>Acta Micropaleontologica Sinica</i> 25(4): 345-363 (in Chinese, with English summary and species descriptions)	† <i>Latochara ziniquanensis</i> H.N. Lu	Charophyta: Porocharaceae: Cuneatocharoideae	CHINA: Xinjiang*
Yang, Jing-lin; Wang, Qi-fei; Lu, Hui-nan (2008) [Cretaceous charophyte floras from the Junggar Basin, Xinjiang, China]. <i>Acta Micropaleontologica Sinica</i> 25(4): 345-363 (in Chinese, with English summary and species descriptions)	† <i>Lychnothamnus turpanensis</i> H.N. Lu	Charophyta: Characeae: Gyrogonioideae	CHINA: Xinjiang*
Yang, Jing-lin; Wang, Qi-fei; Lu, Hui-nan (2008) [Cretaceous charophyte floras from the Junggar Basin, Xinjiang, China]. <i>Acta Micropaleontologica Sinica</i> 25(4): 345-363 (in Chinese, with English summary and species descriptions)	† <i>Mesochara sawanensis</i> H.N. Lu	Charophyta: Characeae: Charoideae	CHINA: Xinjiang*
Yang, Jing-lin; Wang, Qi-fei; Lu, Hui-nan (2008) [Cretaceous charophyte floras from the Junggar Basin, Xinjiang, China]. <i>Acta Micropaleontologica Sinica</i> 25(4): 345-363 (in Chinese, with English summary and species descriptions)	† <i>Tolypella xibeiensis</i> H.N. Lu	Charophyta: Characeae: Nitelloideae	CHINA: Xinjiang*
Yang, Shu; Wang, Jun; Pfefferkorn, Hermann W. (2008) <i>Marattia aganzhenensis</i> sp. nov. from the Lower Jurassic Daxigou Formation of Lanzhou, Gansu, China. <i>International Journal of Plant Sciences</i> 169(3): 473-482	† <i>Marattia aganzhenensis</i> Yang, Wang & Pfefferkorn	Marattiales: Marattiaceae	CHINA: Gansu*
Yang, Xiao-Ju (2008) A male cone of <i>Pseudofrenelopsis dalatzensis</i> with <i>in situ</i> pollen grains from the Lower Cretaceous of northeast China. <i>Geobios</i> 41(5): 689-698	† <i>Classostrobus dalatzensis</i>	Pinophyta: Pinopsida: Cheirolepidiaceae	CHINA: Jilin*
Yates, Adam M. (2008) Two new cowries (Gastropoda: Cypraeidae) from the middle Miocene of South Australia. <i>Alcheringa</i> 32(4): 353-364	† <i>Lyncina (Austrocypraea) cadella</i>	Mollusca: Gastropoda: Cypraeidae	AUSTRALIA: South Australia*
Yates, Adam M. (2008) Two new cowries (Gastropoda: Cypraeidae) from the middle Miocene of South Australia. <i>Alcheringa</i> 32(4): 353-364	† <i>Umbilia caepa</i>	Mollusca: Gastropoda: Cypraeidae	AUSTRALIA: South Australia*
Yin, Lei-ming; Zhou, Chuan-ming; Yuan, Xun-lai (2008) [New data on <i>Tianzhushania</i> , an ediacaran diapause egg cyst from Yichang, Hubei]. <i>Acta Palaeontologica Sinica</i> 47(2): 129-140 (in Chinese, with English summary and species descriptions)	† <i>Tianzhushania conferta</i>	Ediacara	CHINA: Hubei*

Yin, Lei-ming; Zhou, Chuan-ming; Yuan, Xun-lai (2008) [New data on <i>Tianzhushania</i> , an ediacaran diapause egg cyst from Yichang, Hubei]. <i>Acta Palaeontologica Sinica</i> 47(2): 129-140 (in Chinese, with English summary and species descriptions)	† <i>Tianzhushania fissura</i>	Ediacara	CHINA: Hubei*
Zágoršek, Kamil; Holcová, Katarína; Třasoň, Tomáš (2008) Bryozoan event from Middle Miocene (Early Badenian) lower neritic sediments from the locality Kralice nad Oslavou (Central Paratethys, Moravian part of the Carpathian Foredeep). <i>International Journal of Earth Sciences</i> 97(4): 835-850	† <i>Reteporella kralicensis</i>	Bryozoa: Gymnolaemata: Cheilostomatida: Celleporoidea: Phidoloporidae	CZECH REPUBLIC: Vysočina Region*
Zágoršek, Kamil; Silye, Lóránd; Szabó, Botond (2008) New Bryozoa from the Sarmatian (Middle Miocene) deposits of the Cerna-Strei Depression, Romania. <i>Studia Universitatis Babeş-Bolyai Geologia</i> 53(1): 25-29	† <i>Crisia romanica</i>	Bryozoa: Stenolaemata: Cyclostomatida: Articulata: Crisiidae	ROMANIA: Hunedoara County*
Zamora, Samuel; Smith, Andrew B. (2008) A new Middle Cambrian stem-group echinoderm from Spain: Palaeobiological implications of a highly asymmetric cinctan. <i>Acta Palaeontologica Polonica</i> 53(2): 207-220	† <i>Lignanicystis barriosensis</i>	Echinodermata: Trochocystitidae	SPAIN: Castile and León Autonomous Community* (León Province)
Zan, Shuqin; Axsmith, Brian J.; Fraser, Nicholas C.; Liu, Fengxiang; Xing, Dehe (2008) New evidence for laurasian corystosperms: <i>Umkomasia</i> from the Upper Triassic of northern China. <i>Review of Palaeobotany and Palynology</i> 149(3-4): 202-207	† <i>Umkomasia asiatica</i> Zan, Axsmith, Fraser, Liu & Xing	Pteridospermophyta: Corystospermales: Corystospermaceae	CHINA: Liaoning*
Zavortink, Thomas J.; Poinar, George O., Jr. (2008) <i>Toxorhynchites (Toxorhynchites) mexicanus</i> , n. sp. (Diptera: Culicidae) from Mexican amber: A New World species with Old World affinities. <i>Proceedings of the Entomological Society of Washington</i> 110(1): 116-125	† <i>Toxorhynchites (Toxorhynchites) mexicanus</i> Zavortink & Poinar	Diptera: Culicidae	MEXICO: Chiapas*
Zeiss, Arnold; Leanza, Héctor A. (2008) Interesting new ammonites from the Upper Jurassic of Argentina and their correlation potential: New possibilities for global correlations at the base of the Upper Tithonian by ammonites, calpionellids and other fossil groups. <i>Newsletters on Stratigraphy</i> 42(3): 223-247	† <i>Simplisphinctes (Lotenia) neuquenensis</i>	Mollusca: Cephalopoda: Ammonitida:	ARGENTINA: Neuquen*
Zelenitsky, Darla K.; Therrien, François (2008) Unique maniraptoran egg clutch from the Upper Cretaceous Two Medicine Formation of Montana reveals theropod nesting behaviour. <i>Palaeontology</i> 51(6):1253-1259	† <i>Montanoolithus strongorum</i>	Sauropsida: Therapoda: Montanoolithidae	USA: Montana: (Blackfeet Reservation, 22 km SSW of Cut Bank-- may be Pondera or Glacier County)
Zhan, Renbin; Jin, Jisuo (2008) Onshore migration of a deep-water brachiopod fauna from the Lower Ordovician Tonggao Formation, Jiangnan Slope, southeastern Guizhou Province, South China. <i>Canadian Journal of Earth Sciences</i> 45(2): 141-157	† <i>Nereidella originata</i>	Brachiopoda: Orthida: Paurorthidae	CHINA: Guizhou*
Zhan, Renbin; Jin, Jisuo; Rong, Jiayu; Chen, Pengfei; Yu, Guohua (2008) Strophomenide brachiopods from the Changwu Formation (late Katian, Late Ordovician) of Chun'an, western Zhejiang, south-east China. <i>Palaeontology</i> 51(3):737-766	† <i>Cheramomena subsolana</i>	Brachiopoda: Strophomenida: Strophomenoidea: Glyptomenidae	CHINA: Zhejiang*

Zhan, Renbin; Jin, Jisuo; Rong, Jiayu; Chen, Pengfei; Yu, Guohua (2008) Strophomenide brachiopods from the Changwu Formation (late Katian, Late Ordovician) of Chun'an, western Zhejiang, south-east China. <i>Palaeontology</i> 51(3):737-766	† <i>Chunanomena sembellina</i>	Brachiopoda: Strophomenida: Strophomenoidea: Strophomenidae	CHINA: Zhejiang*
Zhan, Renbin; Jin, Jisuo; Rong, Jiayu; Chen, Pengfei; Yu, Guohua (2008) Strophomenide brachiopods from the Changwu Formation (late Katian, Late Ordovician) of Chun'an, western Zhejiang, south-east China. <i>Palaeontology</i> 51(3):737-766	† <i>Chunanomena triporcata</i>	Brachiopoda: Strophomenida: Strophomenoidea: Strophomenidae	CHINA: Zhejiang*
Zhan, Renbin; Jin, Jisuo; Rong, Jiayu; Chen, Pengfei; Yu, Guohua (2008) Strophomenide brachiopods from the Changwu Formation (late Katian, Late Ordovician) of Chun'an, western Zhejiang, south-east China. <i>Palaeontology</i> 51(3):737-766	† <i>Lateriseptomena modesta</i>	Brachiopoda: Strophomenida: Strophomenoidea: Glyptomenidae	CHINA: Zhejiang*
Zhan, Renbin; Jin, Jisuo; Rong, Jiayu; Chen, Pengfei; Yu, Guohua (2008) Strophomenide brachiopods from the Changwu Formation (late Katian, Late Ordovician) of Chun'an, western Zhejiang, south-east China. <i>Palaeontology</i> 51(3):737-766	† <i>Lateriseptomena rugosa</i>	Brachiopoda: Strophomenida: Strophomenoidea: Glyptomenidae	CHINA: Zhejiang*
Zhang, Binglan; Ren, Dong; Pang, Hong (2008) New dragonflies (Insecta: Odonata: Gomphaeschnidae) from the Yixian Formation in Inner Mongolia, China. <i>Progress in Natural Science</i> 18(1): 59-64	† <i>Falsisophaoeschna generalis</i>	Odonata: Anisoptera: Gomphaeschnidae	CHINA: Inner Mongolia*
Zhang, Binglan; Ren, Dong; Pang, Hong (2008) New dragonflies (Insecta: Odonata: Gomphaeschnidae) from the Yixian Formation in Inner Mongolia, China. <i>Progress in Natural Science</i> 18(1): 59-64	† <i>Sophaoeschna frigida</i>	Odonata: Anisoptera: Gomphaeschnidae	CHINA: Inner Mongolia*
Zhang, Binglan; Ren, Dong; Pang, Hong (2008) <i>Telmaeshna paradoxica</i> gen. et sp. nov., a new fossil dragonfly (Insecta: Odonata: Anisoptera) from the Yixian Formation, Liaoning, China. <i>Zootaxa</i> 1681:62-68	† <i>Telmaeshna paradoxica</i>	Odonata: Anisoptera	CHINA: Liaoning*
Zhang, FuCheng; Zhou, ZhongHe; Benton, Michael J. (2008) A primitive confuciusornithid bird from China and its implications for early avian flight. <i>Science in China, Series D: Earth Sciences</i> 51(5): 625-639	† <i>Eoconfuciusornis zhengi</i>	Aves: Confuciusornithiformes: Confuciusornithidae	CHINA: Hebei*
Zhang, Fucheng; Zhou, Zhonghe; Xu, Xing; Wang, Xiaolin; Sullivan, Corwin (2008) A bizarre Jurassic maniraptoran from China with elongate ribbon-like feathers. <i>Nature</i> 455(7216): 1105-1108	† <i>Epidexipteryx hui</i>	Theropoda : Coelurosauria: Avialae: Scansoriopterygidae	CHINA: Inner Mongolia*
Zhang, Guocheng; Uchman, Alfred; Chodyń, Rafał; Bromley, Richard G. (2008) Trace fossil <i>Artichnus pholeoides</i> igen. nov., isp. nov. in Eocene turbidites, Polish Carpathians: Possible ascription to holothurians. <i>Acta Geologica Polonica</i> 58(1): 75-86	† <i>Artichnus pholeoides</i> isp.n.	Echinodermata: Holothuroidea: indet.	POLAND: Lesser Poland*
Zhang, Haichun; Rasnitsyn, Alexandr P. (2008) Middle Jurassic Praeaulacidae (Insecta: Hymenoptera: Evanioidea) of Inner Mongolia and Kazakhstan. <i>Journal of Systematic Palaeontology</i> 6(4): 463-487	† <i>Anomopterella huangi</i>	Hymenoptera: Praeaulacidae	CHINA: Inner Mongolia*
Zhang, Haichun; Rasnitsyn, Alexandr P. (2008) Middle Jurassic Praeaulacidae (Insecta: Hymenoptera: Evanioidea) of Inner Mongolia and Kazakhstan. <i>Journal of Systematic Palaeontology</i> 6(4): 463-487	† <i>Aulacogastrinus hebeiensis</i>	Hymenoptera: Praeaulacidae	CHINA: Inner Mongolia*

Zhang, Haichun; Rasnitsyn, Alexandr P. (2008) Middle Jurassic Praeaulacidae (Insecta: Hymenoptera: Evanioidea) of Inner Mongolia and Kazakhstan. Journal of Systematic Palaeontology 6(4): 463-487	† <i>Aulacogastrinus insculptus</i>	Hymenoptera: Praeaulacidae	CHINA: Inner Mongolia*
Zhang, Haichun; Rasnitsyn, Alexandr P. (2008) Middle Jurassic Praeaulacidae (Insecta: Hymenoptera: Evanioidea) of Inner Mongolia and Kazakhstan. Journal of Systematic Palaeontology 6(4): 463-487	† <i>Aulacogastrinus longaciculatus</i>	Hymenoptera: Praeaulacidae	CHINA: Inner Mongolia*
Zhang, Haichun; Rasnitsyn, Alexandr P. (2008) Middle Jurassic Praeaulacidae (Insecta: Hymenoptera: Evanioidea) of Inner Mongolia and Kazakhstan. Journal of Systematic Palaeontology 6(4): 463-487	† <i>Eosaulacus giganteus</i>	Hymenoptera: Praeaulacidae	CHINA: Inner Mongolia*
Zhang, Haichun; Rasnitsyn, Alexandr P. (2008) Middle Jurassic Praeaulacidae (Insecta: Hymenoptera: Evanioidea) of Inner Mongolia and Kazakhstan. Journal of Systematic Palaeontology 6(4): 463-487	† <i>Eosaulacus granulatus</i>	Hymenoptera: Praeaulacidae	CHINA: Inner Mongolia*
Zhang, Haichun; Rasnitsyn, Alexandr P. (2008) Middle Jurassic Praeaulacidae (Insecta: Hymenoptera: Evanioidea) of Inner Mongolia and Kazakhstan. Journal of Systematic Palaeontology 6(4): 463-487	† <i>Nevania karatau</i>	Hymenoptera: Praeaulacidae	KAZAKHSTAN: Zhambyl*
Zhang, Haichun; Rasnitsyn, Alexandr P. (2008) Middle Jurassic Praeaulacidae (Insecta: Hymenoptera: Evanioidea) of Inner Mongolia and Kazakhstan. Journal of Systematic Palaeontology 6(4): 463-487	† <i>Praeaulacon elegantulus</i>	Hymenoptera: Praeaulacidae	CHINA: Inner Mongolia*
Zhang, Haichun; Rasnitsyn, Alexandr P. (2008) Middle Jurassic Praeaulacidae (Insecta: Hymenoptera: Evanioidea) of Inner Mongolia and Kazakhstan. Journal of Systematic Palaeontology 6(4): 463-487	† <i>Praeaulacon ningchengensis</i>	Hymenoptera: Praeaulacidae	CHINA: Inner Mongolia*
Zhang, Haichun; Rasnitsyn, Alexandr P. (2008) Middle Jurassic Praeaulacidae (Insecta: Hymenoptera: Evanioidea) of Inner Mongolia and Kazakhstan. Journal of Systematic Palaeontology 6(4): 463-487	† <i>Praeaulacus afflatus</i>	Hymenoptera: Praeaulacidae	CHINA: Inner Mongolia*
Zhang, Haichun; Rasnitsyn, Alexandr P. (2008) Middle Jurassic Praeaulacidae (Insecta: Hymenoptera: Evanioidea) of Inner Mongolia and Kazakhstan. Journal of Systematic Palaeontology 6(4): 463-487	† <i>Praeaulacus daohugouensis</i>	Hymenoptera: Praeaulacidae	CHINA: Inner Mongolia*
Zhang, Haichun; Rasnitsyn, Alexandr P. (2008) Middle Jurassic Praeaulacidae (Insecta: Hymenoptera: Evanioidea) of Inner Mongolia and Kazakhstan. Journal of Systematic Palaeontology 6(4): 463-487	† <i>Praeaulacus exquisitus</i>	Hymenoptera: Praeaulacidae	CHINA: Inner Mongolia*
Zhang, Haichun; Rasnitsyn, Alexandr P. (2008) Middle Jurassic Praeaulacidae (Insecta: Hymenoptera: Evanioidea) of Inner Mongolia and Kazakhstan. Journal of Systematic Palaeontology 6(4): 463-487	† <i>Praeaulacus orientalis</i>	Hymenoptera: Praeaulacidae	CHINA: Inner Mongolia*
Zhang, Haichun; Rasnitsyn, Alexandr P. (2008) Middle Jurassic Praeaulacidae (Insecta: Hymenoptera: Evanioidea) of Inner Mongolia and Kazakhstan. Journal of Systematic Palaeontology 6(4): 463-487	† <i>Praeaulacus robustus</i>	Hymenoptera: Praeaulacidae	CHINA: Inner Mongolia*
Zhang, Haichun; Rasnitsyn, Alexandr P. (2008) Middle Jurassic Praeaulacidae (Insecta: Hymenoptera: Evanioidea) of Inner Mongolia and Kazakhstan. Journal of Systematic Palaeontology 6(4): 463-487	† <i>Praeaulacus scabratus</i>	Hymenoptera: Praeaulacidae	CHINA: Inner Mongolia*
Zhang, Haichun; Rasnitsyn, Alexandr P. (2008) Middle Jurassic Praeaulacidae (Insecta: Hymenoptera: Evanioidea) of Inner Mongolia and Kazakhstan. Journal of Systematic Palaeontology 6(4): 463-487	† <i>Praeaulacus sculptus</i>	Hymenoptera: Praeaulacidae	CHINA: Inner Mongolia*

Zhang, Haichun; Rasnitsyn, Alexandr P. (2008) Middle Jurassic Praeaulacidae (Insecta: Hymenoptera: Evaniodea) of Inner Mongolia and Kazakhstan. <i>Journal of Systematic Palaeontology</i> 6(4): 463-487	† <i>Sinaulacogastrinus eucallus</i>	Hymenoptera: Praeaulacidae	CHINA: Inner Mongolia*
Zhang, J.F. (2008) Three new species of mesosciophilid gnats from the Middle-Late Jurassic of China (Insecta: Diptera: Nematocera: Mesosciophilidae). <i>Pakistan Journal of Biological Sciences</i> 11(22): 2567-2572	† <i>Mesosciophila abstracta</i>	Diptera: Mesosciophilidae	CHINA: Inner Mongolia*
Zhang, J.F. (2008) Three new species of mesosciophilid gnats from the Middle-Late Jurassic of China (Insecta: Diptera: Nematocera: Mesosciophilidae). <i>Pakistan Journal of Biological Sciences</i> 11(22): 2567-2572	† <i>Mesosciophilodes synchrona</i>	Diptera: Mesosciophilidae	CHINA: Inner Mongolia*
Zhang, J.F. (2008) Three new species of mesosciophilid gnats from the Middle-Late Jurassic of China (Insecta: Diptera: Nematocera: Mesosciophilidae). <i>Pakistan Journal of Biological Sciences</i> 11(22): 2567-2572	† <i>Paramesosciophilodes eximia</i>	Diptera: Mesosciophilidae	CHINA: Inner Mongolia*
Zhang, Kuiyan; Yang, Ding; Ren, Dong (2008) A new genus and species of Middle Jurassic rhagonids from China (Diptera, Rhagonidae). <i>Biologia</i> 63(1):113-116	† <i>Achrysopilus neimenguensis</i>	Diptera: Rhagonidae	CHINA: Inner Mongolia*
Zhang, Kuiyan; Yang, Ding; Ren, Dong (2008) Middle Jurassic fossils of the genus <i>Sharasargus</i> from Inner Mongolia, China (Diptera: Archisargidae). <i>Entomological Science</i> 11(2): 269-272	† <i>Sharasargus eximius</i>	Diptera: Archisargidae	CHINA: Inner Mongolia*
Zhang, Kuiyan; Yang, Ding; Ren, Dong (2008) Middle Jurassic fossils of the genus <i>Sharasargus</i> from Inner Mongolia, China (Diptera: Archisargidae). <i>Entomological Science</i> 11(2): 269-272	† <i>Sharasargus fortis</i>	Diptera: Archisargidae	CHINA: Inner Mongolia*
Zhang, Kuiyan; Yang, Ding; Ren, Dong (2008) The first Middle Jurassic <i>Protobrachyceron</i> Handlirsch fly (Diptera: Brachycera: Protobrachyceridae) from Inner Mongolia (China). <i>Zootaxa</i> 1879: 61-64	† <i>Protobrachyceron sinensis</i>	Diptera: Protobrachyceridae	CHINA: Inner Mongolia*
Zhang, Kuiyan; Yang, Ding; Ren, Dong; Ge, Fengchen (2008) New Middle Jurassic tangle-veined flies from Inner Mongolia, China. <i>Acta Palaeontologica Polonica</i> 53(1): 161-164	† <i>Ahirmoneura yeimengguensis</i> Zhang, Yang & Ren	Diptera: Nemestrinidae	CHINA: Inner Mongolia*
Zhang, Ning; Xia, Wenchen; Dong, Yuexia; Shang, Haijing (2008) Conodonts and radiolarians from pelagic cherts of the Frasnian-Famennian boundary interval at Bancheng, Guangxi, China: Global recognition of the upper Kellwasser event. <i>Marine Micropaleontology</i> 67(1-2): 180-190	† <i>Trilonche yaoi</i>	Rhizaria: Retaria: Radiolaria: Polycystina: Entactiniidae	CHINA: Guangxi*
Zhang, Ning; Xia, Wenchen; Dong, Yuexia; Shang, Haijing (2008) Conodonts and radiolarians from pelagic cherts of the Frasnian-Famennian boundary interval at Bancheng, Guangxi, China: Global recognition of the upper Kellwasser event. <i>Marine Micropaleontology</i> 67(1-2): 180-190	† <i>Trilonche yaoi</i>	Rhizaria: Retaria: Radiolaria: Polycystina: Entactiniidae	CHINA: Yunnan*
Zhang, Xian-qiu; Li, Gang (2008) [Ostracod faunas from the Luofozhai Group in the Nanxiong Basin of Guangdong Province, China]. <i>Acta Micropaleontologica Sinica</i> 25(1): 44-77 (in Chinese, with English summary and species descriptions)	† <i>Bisulcocypriis nuanshuitangensis</i> Zhang	Crustacea: Ostracoda: Limnocytheridae	CHINA: Guangdong*
Zhang, Xian-qiu; Li, Gang (2008) [Ostracod faunas from the Luofozhai Group in the Nanxiong Basin of Guangdong Province, China]. <i>Acta Micropaleontologica Sinica</i> 25(1): 44-77 (in Chinese, with English summary and species descriptions)	† <i>Virgatocypriis shanghuensis</i> Zhang	Crustacea: Ostracoda: Cyprididae	CHINA: Guangdong*
Zhang, Xian-qiu; Li, Gang; Yang, Run-lin; Li, Han-ming (2008) [Late Cretaceous ostracods from the Sanshui Basin of Guangdong]. <i>Acta Micropaleontologica Sinica</i> 25(2): 132-165 (in Chinese, with English summary and species descriptions)	† <i>Ziziphocypris elegans</i> Zhang	Crustacea: Ostracoda: Ziziphocyprididae	CHINA: Guangdong*

Zhang, Xian-qiu; Li, Gang; Yang, Run-lin; Li, Han-ming (2008) [Palaeogene ostracods from the Sanshui Basin of Guangdong]. Acta Micropaleontologica Sinica 25(3): 235-265 (in Chinese, with English summary and species descriptions)	† <i>Cyprois grandis</i> Zhang	Crustacea: Ostracoda: Notodromadidae	CHINA: Guangdong*
Zhang, Xian-qiu; Li, Gang; Yang, Run-lin; Li, Han-ming (2008) [Palaeogene ostracods from the Sanshui Basin of Guangdong]. Acta Micropaleontologica Sinica 25(3): 235-265 (in Chinese, with English summary and species descriptions)	† <i>Limnocythere lata</i> Zhang	Crustacea: Ostracoda: Limnocytheridae	CHINA: Guangdong*
Zhang, Xin-Wen; Ren, Dong; Pang, Hong; Shih, Chung-Kun (2008) A new genus and species of Chresmodidae (Insecta: Gryllones) from Upper Jurassic-Lower Cretaceous of Yixian Formation, Inner Mongolia, China. Zootaxa 1702:26-40	† <i>Sinochresmoda magnicornia</i> Zhang, Ren & Pang	Gryllones: Chresmodidae	CHINA: Inner Mongolia*
Zhang, Xin-Wen; Ren, Dong; Pang, Hong; Shih, Chung-Kun (2008) A water-skiing chresmodid from the Middle Jurassic in Daohugou, Inner Mongolia, China (Polyneoptera: Orthoptera). Zootaxa 1762:53-62	† <i>Jurachresmoda gaskelli</i> Zhang, Ren & Shih	Orthoptera: Polyneoptera: Chresmodidae	CHINA: Inner Mongolia*
Zhang, Xionghua; Shi, G.R.; Gong, Yiming (2008) Middle Jurassic trace fossils from the Ridang Formation in Sajia County, South Tibet, and their palaeoenvironmental significance. Facies 54(1): 45-60	† <i>Spirocosmorhappe sajiaensis</i> (isp.n.)	???	TIBET: Xigazê Prefecture* (Sa'gya / Sajia County)
Zhang, Yingqi; Kawamura, Yoshinari; Jin, Changzhu (2008) A new species of the extinct vole <i>Villanyia</i> from Renzidong Cave, Anhui, East China, with discussion on related species from China and Transbaikalia. Quaternary International 179(1): 163-170	† <i>Villanyia fanchangensis</i>	Mammalia: Rodentia: Arvicolidae	CHINA: Anhui*
Zhang, Zhao-Qun; Zheng, Shao-Hua; Liu, Li-Ping (2008) Late Miocene cricetids from the Bahe Formation, Lantian, Shaanxi Province. Vertebrata Palasiatica 46(4): 307-316	† <i>Nannocricetus primitivus</i>	Mammalia: Rodentia: Cricetidae	CHINA: Shaanxi*
Zhao, Liang-Cheng; Li, Dai-Yun (2008) Anatomically preserved seeds of <i>Corylopsis</i> (Hamamelidaceae) from the Miocene of Yunnan, China, and their phytogeographic implications. International Journal of Plant Sciences 169(3): 483-494	† <i>Corylopsis tengchongensis</i> Zhao & Li	Angiospermae: Hamamelidaceae	CHINA: Yunnan*
Zhao, Li-Jun; Li, Chun; Liu, Jun; He, Tao (2008) A new armored placodont from the Middle Triassic of Yunnan Province, southwestern China. Vertebrata Palasiatica 46(3): 171-177	† <i>Glyphoderma kangi</i>	Dinosauria: Placodontia: Placochelyidae	CHINA: Yunnan*
Zheng, Shao-lin; Gao, Jia-jun; Bo, Xue (2008) [Two new taxa of monocotyledonous angiosperm from Lower Cretaceous Yixian Formation of Beipiao, Liaoning]. Acta Palaeontologica Sinica 47(3): 326-340 (in Chinese, with English summary and species descriptions)	† <i>Shangyuania caii</i>	Angiospermae: Alismatales: Potamogetonaceae	CHINA: Liaoning*
Zheng, Shao-lin; Gao, Jia-jun; Bo, Xue (2008) [Two new taxa of monocotyledonous angiosperm from Lower Cretaceous Yixian Formation of Beipiao, Liaoning]. Acta Palaeontologica Sinica 47(3): 326-340 (in Chinese, with English summary and species descriptions)	† <i>Zhouia beipiaoensis</i>	Angiospermae: Alismatales: Najadaceae	CHINA: Liaoning*
Zhou, Yi-Long; Wang, Shi-Jun; Hilton, Jason; Tian, Bao-Lin (2008) Anatomically preserved lepidodendrolean plants from Lower Permian coal balls of northern China: <i>Achlamydocarpon intermedium</i> sp. nov. Plant Systematics and Evolution 273(1-2): 71-85	† <i>Achlamydocarpon intermedium</i>	Lycopodiophyta: Isoëtales: Dichostrobiles: fam. indet.	CHINA: Shanxi*
Zhou, Zhi-yi; Zhou, Zhi-qiang (2008) A new Ordovician trilobite <i>Ovalocephalus eoprimitivus</i> sp. nov. from the Dawan Formation, Yichang, western Hubei. Acta Palaeontologica Sinica 47(4): 454-456	† <i>Ovalocephalus eoprimitivus</i>	Arthropoda: Trilobita:	CHINA: Anhui*

Zhou, Zhi-yi; Zhou, Zhi-qiang (2008) A new Ordovician trilobite <i>Ovalocephalus eoprimitivus</i> sp. nov. from the Dawan Formation, Yichang, western Hubei. <i>Acta Palaeontologica Sinica</i> 47(4): 454-456	† <i>Ovalocephalus eoprimitivus</i>	Arthropoda: Trilobita:	CHINA: Hubei*
Zhou, Zhonghe; Clarke, Julia; Zhang, Fucheng (2008) Insight into diversity, body size and morphological evolution of the largest Early Cretaceous enantiornithine bird. <i>Journal of Anatomy</i> 212(5): 565-577	† <i>Pengornis houi</i>	Aves: Enantiornithes:	CHINA: Liaoning*
Žigaitė, Živilė; Karatajūtė-Talimaa, Valentina (2008) New genus of chondrichthyans from the Silurian-Devonian boundary deposits of Tuva (Russia). <i>Acta Geologica Polonica</i> 58(2): 127-131	† <i>Tuvalepis schultzei</i>	Chondrichthyes: Elasmobranchii: fam. indet.	RUSSIA: Tuva*
Zin-Maung-Maung-Thein; Takai, Masanaru; Tsubamoto, Takehisa; Thuang-Htike; Egi, Naoko; Maung-Maung (2008) A new species of <i>Dicerorhinus</i> (Rhinocerotidae) from the Plio-Pleistocene of Myanmar. <i>Palaeontology</i> 51(6):1419-1433	† <i>Dicerorhinus gwebinensis</i>	Mammalia: Perissodactyla: Rhinocerotidae	MYANMAR: Magway Division*
Zupiņš, Ivars (2008) A new tristichopterid (Pisces, Sarcopterygii) from the Devonian of Latvia. <i>Proceedings of the Latvian Academy of Sciences</i> 62B(1-2): 40-46	† <i>Eusthenopteron kurshi</i>	Sarcopterygii: Osteolepiformes: Tristichopteridae	LATVIA: Madona*
Zurita, Alfredo Eduardo; Carlini, Alfredo Armando; Scillato-Yane, Gustavo Juan (2008) A new species of <i>Neosclerocalyptus</i> Paula Couto, 1957 (Xenarthra, Glyptodontidae, Hoplophorinae) from the middle Pleistocene of the Pampean region, Argentina. <i>Geodiversitas</i> 30(4): 779-791	† <i>Neosclerocalyptus gouldi</i>	Mammalia: Xenarthra: Glyptodontidae	ARGENTINA: Buenos Aires*
Zuykov, Michael A.; Butts, Susan H. (2008) <i>Glyptorthis</i> (Foerste, 1914) and <i>Bassettella</i> new genus (Brachiopoda: Orthida) from the Late Ordovician of the East Baltic. <i>Journal of Paleontology</i> 82(1): 197-200	† <i>Bassettella gracilis</i>	Brachiopoda: Orthida: Glyptorthidae	ESTONIA: Ida-Viru County*
Zuykov, Michael A.; Butts, Susan H. (2008) <i>Glyptorthis</i> (Foerste, 1914) and <i>Bassettella</i> new genus (Brachiopoda: Orthida) from the Late Ordovician of the East Baltic. <i>Journal of Paleontology</i> 82(1): 197-200	† <i>Bassettella gracilis</i>	Brachiopoda: Orthida: Glyptorthidae	ESTONIA: Järva County*
Zuykov, Michael A.; Butts, Susan H. (2008) <i>Glyptorthis</i> (Foerste, 1914) and <i>Bassettella</i> new genus (Brachiopoda: Orthida) from the Late Ordovician of the East Baltic. <i>Journal of Paleontology</i> 82(1): 197-200	† <i>Bassettella gracilis</i>	Brachiopoda: Orthida: Glyptorthidae	RUSSIA: Saint Petersburg*