

SPRECHMANN, P. 1978

The paleoecology and paleogeography of the Uruguayan coastal area during the Neogene and Quaternary. - Zitteliana, Reihe B, **4**: 3-72.

P 141

OSTROM, J.H. 1978

The osteology of *Compsognathus longipes* Wagner. - Zitteliana, Reihe B, **4**: 73-118.

P 141

LEANZA, H.A. 1980

The Lower and the Middle Tithonian ammonite fauna from Cerro Lotena, province of Neuquen, Argentina. - Zitteliana, Reihe B, **5**: 3-49.

P 141

CLEMENS, W.A. 1980

Rhaeto-Liassic mammals from Switzerland and West-Germany. - Zitteliana, Reihe B, **5**: 51-92.

P 141

WELLNHOFER, P., C.S. 1993

Mikropaläontologie-Festschrift zum 65. Geburtstag von Herbert Hagn und zum 60. Geburtstag von Dietrich Herm. - Zitteliana, Hagn/Herm-Festschrift, **20**, 418 pp., 66 pl.

P 141

BELLOW, R. 1993

Peridinales (Dinophyta) und Acritarchen im Rhät und Lias Luxemburgs - Palynofazies-Indikatoren für marine Ablagerungsbedingungen. - Zitteliana, Hagn/Herm-Festschrift, **20**: 9-13.

P 141

MUTTERLOSE, J. 1993

Late Valanginian calcareous nannofossils from central Europe and their biogeographic significance. - Zitteliana, Hagn/Herm-Festschrift, **20**: 15-24.

P 141

KEUPP, H. 1993

Kalkige Dinoflagellaten-Zysten in Hell-Dunkel-Rhythmen des Ober-Hauterive/Unter-Barrême NW-Deutschlands. - Zitteliana, Hagn/Herm-Festschrift, **20**: 25-39.

P 141

KIRSCH, K.-H. 1993

Dinoflagellatenzysten aus der helvetischen Unterkreide (Barrême) des Waxenstein-Grabens/Oberbayern. - Zitteliana, Hagn/Herm-Festschrift, **20**: 41-58.

P 141

EGGER, H. 1993

Zur Nannoplankton-Stratigraphie der Seisenburger Schichten (Coniac? - frühes Campan) in der Rhenodanubischen Flyschzone (Ostalpen) östlich des Inn. - Zitteliana, Hagn/Herm-Festschrift, **20**: 59-65.

P 141

WAGREICH, M. & H.-G. KRENMAYR 1993

Nannofossil biostratigraphy of the Late Cretaceous Nierental Formation, Northern Calcareous Alps (Bavaria, Austria). - *Zitteliana*, Hagn/Herm-Festschrift, **20**: 67-77.

P 141

SALIS, K. VON 1993

First Oligocene silicoflagellates from N. Europe (Silstrup, Denmark). - *Zitteliana*, Hagn/Herm-Festschrift, **20**: 79-86.

P 141

MARTINI, E. 1993

Emiliana coronata, a new calcareous nannoplankton species from North Atlantic Pleistocene. - *Zitteliana*, Hagn/Herm-Festschrift, **20**: 87-92.

P 141

FLÜGEL, E. & H. HAGDORN 1993

Dasycladaceen aus dem Oberen Muschelkalk (Mitteltrias) des Hohenloher Landes, Süddeutschland. - *Zitteliana*, Hagn/Herm-Festschrift, **20**: 93-103.

P 141

LEINFELDER, R.R. & W. WERNER 1993

Systematic position and palaeoecology of the Upper Jurassic to Tertiary alga *Marinella lugeoni* Pfender. - *Zitteliana*, Hagn/Herm-Festschrift, **20**: 105-122.

P 141

SCHLAGINTWEIT, F. 1993

Kretazische Grünalgen aus Flachwassergesteinen der Nördlichen Kalkalpen: Ein Überblick. - *Zitteliana*, Hagn/Herm-Festschrift, **20**: 123-132.

P 141

STEIGER, E. & T. STEIGER 1993

Der morphologische Übergang zwischen den Radiolarien-Gattungen *Podocapsa* Rüst, 1885 und *Podobursa* Wisniowski, 1889 im Ruhpoldingener Marmor von Urschlau (Oberjura, Lechtaldecke, Nördliche Kalkalpen). - *Zitteliana*, Hagn/Herm-Festschrift, **20**: 133-144.

P 141

AL-HARITHI, T. 1993

Foraminifera from the Jurassic (Callovian - Kimmeridgian) outcrop in Arda Area, Central Jordan. - *Zitteliana*, Hagn/Herm-Festschrift, **20**: 145-154.

P 141

EBLI, O. 1993

Foraminiferen aus dem Unterlías der Nördlichen Kalkalpen. - *Zitteliana*, Hagn/Herm-Festschrift, **20**: 155-164.

P 141

GROISS, J.TH. 1993

Foraminiferen-Faunen des oberen Malm aus zwei Bohrungen der Südlichen Franken-Alb. - *Zitteliana*, Hagn/Herm-Festschrift, **20**: 165-170.

P 141

SCHMIDT, U. & R. JÄGER 1993

Bestimmungstabelle für einige inkrustierende Foraminiferen aus den Unterordnungen Textulariina und Rotaliina. - Zitteliana, Hagn/Herm-Festschrift, **20**: 171-178.

P 141

NOÉ, S.U. 1993

Zyklostratigraphie und Foraminiferen-Palökologie in pelagischen Sedimentationszyklen des Apt/Alb im Umbrisch-Marchischen Apennin (Mittelitalien). - Zitteliana, Hagn/Herm-Festschrift, **20**: 179-211.

P 141

HOTTINGER, L. & C. ESMERALDA 1993

Praestorrsella roestae (Visser), a foraminiferal index fossil for Late Cretaceous deeper neritic deposits. - Zitteliana, Hagn/Herm-Festschrift, **20**: 213-221.

P 141

WEISS, W. 1993

Age assignments of larger foraminiferal assemblages of Maastrichtian to Eocene Age in Northern Pakistan. - Zitteliana, Hagn/Herm-Festschrift, **20**: 223-252.

P 141

DARGA, R. 1993

Bemerkenswerte Wuchsformen der Foraminifere *Gypsina linearis* (Hanzawa, 1945) aus der Karbonatrampe des Eisenrichtersteins bei Hallthurm (Ober-Eozän, Bayern, Nördliche Kalkalpen). - Zitteliana, Hagn/Herm-Festschrift, **20**: 253-261.

P 141

MOUSSAVIAN, E. & R. HÖFLING 1993

Taxonomische Position und Palökologie von *Solenomeris* Douvillé, 1924 und ihre Beziehung zu *Acervulina* Schultze, 1854 und *Gypsina* Carter, 1877 (Acervulinidae, Foraminiferida). - Zitteliana, Hagn/Herm-Festschrift, **20**: 263-276.

P 141

HILLEBRANDT, A. VON 1993

Nummuliten und Assilinen aus d3m Eozän des Krappfeldes in Kärnten (Österreich). - Zitteliana, Hagn/Herm-Festschrift, **20**: 277-293.

P 141

PAVLOVEC, R. 1993

Unterlutetische Operculinen der Äußeren Dinariden. - Zitteliana, Hagn/Herm-Festschrift, **20**: 295-300.

P 141

KENAWY, A.B., H.K. MOHAMED & H.H. MANSOUR 1993

Biostratigraphic zonation of the Middle Eocene in the Nile valley, based on larger foraminifera. - Zitteliana, Hagn/Herm-Festschrift, **20**: 301-309.

P 141

KLASZ, I. DE & S. DE KLASZ 1993

Important calcareous foraminifera of the type locality of the genus *Quadratobuliminella* De KLASZ, region of Eisenärzt, Upper Bavaria. - Zitteliana, Hagn/Herm-Festschrift, **20**: 311-321.
P 141

OHMEERT, W. 1993

Eine obereozäne Foraminiferenfauna aus dem südlichen Oberrhein-Graben. - Zitteliana, Hagn/Herm-Festschrift, **20**: 323-329.
P 141

KRISTAN-TOLLMANN, E. 1993

Zur paläogeografischen Verbreitung der Ostracoden-Gattung *Hermiella* an der Rhät/Lias-Grenze. - Zitteliana, Hagn/Herm-Festschrift, **20**: 331-342.
P 141

HONIGSTEIN, A., C.S. 1993

Cythereus mesa: Methusalaem or Lazarus? - Zitteliana, Hagn/Herm-Festschrift, **20**: 343-347.
P 141

HERRIG, E. 1993

Gleiche Ostracodenarten aus Oberkreide und Tertiär/Quartär. - Zitteliana, Hagn/Herm-Festschrift, **20**: 349-359.
P 141

VOIGT, E. 1993

Zwei neue Bryozoen-Genera (Cyclostomata) aus dem westfälischen Cenoman. - Zitteliana, Hagn/Herm-Festschrift, **20**: 361-368.
P 141

TRAUB, F. & W. WERNER 1993

Biostratigraphische Einstufung der Gastropoden aus dem Paleozän (Tertiär) des Haunsberges (N Salzburg, Österreich) anhand internationalen Pankton-Fopraminiferen-Zonierung. - Zitteliana, Hagn/Herm-Festschrift, **20**: 369-378.
P 141

MARTINI, E. & B. REICHENBACHER 1993

Ungewöhnlicher Eintrag von Fisch-Otolithen in rezente Sedimente bei Helgoland durch Silbermöwen (*Larus argentatus*). - Zitteliana, Hagn/Herm-Festschrift, **20**: 379-387.
P 141

STRAUSS, CHR., C.S. 1993

New micropaleontological and palynological evidence on the stratigraphic position of the 'German Wealden' in NW-Germany. - Zitteliana, Hagn/Herm-Festschrift, **20**: 389-401.
P 141

DOHMANN, L. & R. BRAUNSTEIN 1993

Unteroligozäne Fischschiefer in Süddeutschland und Österreich. - Zitteliana, Hagn/Herm-Festschrift, **20**: 403-409.
P 141

WENGER, W.F. 1993

Biostratigraphische Untersuchungen in der Oberen Meeresmolasse bei Bad Füssing (Niederbayern) - Ein Beispiel für die praktische Anwendung mikropaläontologischer Untersuchungsmethoden bei der Standortoptimierung von Grundwassererschließungen. - Zitteliana, Hagn/Herm-Festschrift, **20**: 411-417.

P 141

BARON-SZABO, R.C. 1997

Die Korallenfazies der ostalpinen Kreide (Helveticum: Allgäuer Schrattenkalk; Nördliche Kalkalpen: Brandenberger Gosau). Taxonomie, Palökologie. - Zitteliana, **21**: 3-97.

P 141

SMETTAN, K. 1997

Bivalven, Gastropoden und Serpuliden aus den Branderfleckschichten (Cenoman) der Fahrenbergmulde (Nördliche Kalkalpen, Bayern). Taxonomie und Palökologie. - Zitteliana, **21**: 99-157.

P 141

IMMEL, H., K. SEYED-EMANI & A. AFSHAR-HARB 1997

Kreide-Ammoniten aus dem iranischen Teil des Koppeh-Dagh (NE-Iran). - Zitteliana, **21**: 159-190.

P 141

PETER, K. 2002

Odontologie der Nashornverwandten (Rhinocerotidae) aus dem Miozän (MN 5) von Sandelzhausen (Bayern). - Zitteliana, **22**: 3-168.

P 141

GÖHLICH, U.B. 2002

The avifauna of the Miocene Fossil-Lagerstätte Sandelzhausen (Bavaria, Southern Germany). - Zitteliana, **22**: 169-190.

P 141

SCHMIDT, TH. 2002

Planktische Foraminiferen der südspanischen Oberkreide: Taxonomie, Biostratigraphie und Palökologie. - Zitteliana, **23**: 3-78.

P 141

IMMEL, H. & H.GUOXIONG 2002

Cretaceous cephalopods of the Tethyan Himalaya of southern Tibet. - Zitteliana, **23**: 79-105.

P 141

MOSER, M. 2003

Plateosaurus engelhardti Meyer, 1837 (Dinosauria: Sauropodomorpha) aus dem Feuerletten (Mittelkeuper; Obertrias) von Bayern. - Zitteliana, **B 24**: 3-186.

P 141

NOSE, M., R.R. LEINFELDER & W. WERNER 2005

Vorwort. Korallen und Stromatoporen des Silur und Devon – Taxonomie und Faziesanalysen ausgewählter mitteleuropäischer Lokalitäten. - Zitteliana, **B 25**: 3.

P 141

STADELMAIER, M., C.S. 2005

Ästige tabulate Korallen-Gemeinschaften aus dem Mitteldevon der Sötenicher Mulde (Eifel): Faunenzusammensetzung und fazielles Umfeld. - Zitteliana, **B 25**: 5-38.

P 141

SCHRÖDER, S. 2005

Stratigraphie und Systematik rugoser Korallen aus dem Givetium und Unter-Frasnium des Rheinischen Schiefergebirges (Sauerland/Bergisches Land). - Zitteliana, **B 25**: 39-116.

P 141

MAY, A. 2005

Die Stromatoporen des Devons und Silurs von Zentral-Böhmen (Tschechische Republik) und ihre Kommensalen. - Zitteliana, **B 25**: 117-250.

P 141

WERNER, W. (ed.) 2005

4th International Symposium on Lithographic Limestone and Plattenkalk. Eichstätt/Solnhofen, Germany. September 12th-18th, 2005. Abstracts and field trip guides. - Zitteliana, **B 26**, 96 pp.

ARRATIA, G. 2005

The contribution of Late Jurassic fishes from Germany to understand the evolutionary history of teleosts. - Zitteliana, **B 26**: 7.

P 141

BAUSCH, W.M. 2005

Geochemical position of the Franconian Plattenkalk. - Zitteliana, **B 26**: 7-8.

P 141

BAUSCH, W.M. 2005

Revision of the age relationships of Maxberg/Solnhofen. - Zitteliana, **B 26**: 8.

P 141

BENNET, S.C. 2005

A review of *Ctenochasma*: taxonomy and ontogeny. - Zitteliana, **B 26**: 8-9.

P 141

BILLON-BRUYAT, J.-P. 2005

Comparison of the tetrapod assemblages from the late Jurassic Plattenkalk deposits of Western Europe. - Zitteliana, **B 26**: 9.

P 141

BRITO, P.M. 2005

The Lower Cretaceous Crato Formation's ichthyofauna (Arairape Basin, Northeastern Brazil). - Zitteliana, **B 26**: 9-10.

P 141

BURNHAM, D.A. 2005

The paleoecology of *Archaeopteryx* - a re-evaluation. - *Zitteliana*, **B 26**: 10.

P 141

CARANNANTE, G., C.S. 2005

Vertebrate-fossil rich Plattenkalk of Pietraroia (Southern Appennines, Italy). A sedimentological and taphonomical approach. - *Zitteliana*, **B 26**: 10-11.

P 141

CHLIAPPE, L.M. & U. GÖHLICH 2005

A new tetrapod dinosaur from the Upper Jurassic limestones of Schamhaupten (Bavaria, Germany). - *Zitteliana*, **B 26**: 11.

P 141

DIETL, G. & G. SCHWEIGERT 2005

The Upper Kimmeridgian Nusplingen Plattenkalk (W Swabian Alb, SW Germany). - *Zitteliana*, **B 26**: 11-12.

P 141

FUCHS, D. 2005

Coleoid cephalopods from the Lithographic Limestones of Hâqel (Lebanon) - A comparison with Solnhofen (Germany). - *Zitteliana*, **B 26**: 12.

P 141

FÜRSICH, F.T., C.S. 2005

Sedimentology and palaeoecology of laminated limestones from the Kimmeridgian of the Northern Franconian Alb (Southern Germany). - *Zitteliana*, **B 26**: 13.

P 141

GAILLARD, C. 2005

Recent and fossil Chelonian kingdoms. - *Zitteliana*, **B 26**: 13-14.

P 141

GARASSINO, A., A. DE ANGELI & G. SCHWEIGERT 2005

Brachyurans from the Upper Jurassic (Tithonian) of Pfalzpaint and Breitenhill (Bavaria, South Germany). - *Zitteliana*, **B 26**: 14.

P 141

GARASSINO, A. & G. SCHWEIGERT 2005

The Upper Jurassic Solnhofen decapod crustacean fauna: review of the types from old descriptions. - *Zitteliana*, **B 26**: 15.

P 141

IFRIM, C., W. STINNESBECK & E. FREY 2005

Upper Cretaceous (Cenomanian-Turonian and Turonian-Coniacian) open marine *Plattenkalk*-Deposits in NE Mexico. - *Zitteliana*, **B 26**: 15-16.

P 141

JURKOVŠEK, B. & T. KOLAR-JURKOVŠEK 2005

Fossil assemblages from the Upper Cretaceous carbon rich sediments of Kras, Slovenia. - Zitteliana, **B 26**: 16.

P 141

KEUPP, H. 2005

Complete ammonoid jaw apparatuses from the Solnhofen Pattenkalks: implications for aptychi function and microphage feeding of ammonoids . - Zitteliana, **B 26**: 17.

P 141

KLUG, C., C.S. 2005

Coleoid beaks from the Nusplingen Lithographic Limestone (Late Kimmeridgian, SW Germany). - Zitteliana, **B 26**: 17-18.

P 141

KLUG, S. & J. KRIWET 2005

Occurrence and diversity of palaeospinacid sharks (Neoselachii, Synechodontiformes) from the Upper Jurassic Lithographic Limestones of South Germany. - Zitteliana, **B 26**: 18.

P 141

KOCH, R. 2005

New data on sedimentology of Upper Jurassic carbonate rocks from the Southern Franconian Alb. - Zitteliana, **B 26**: 18-19.

P 141

KOCH, R. 2005

Characteristics of Solnhofen monument stones. - Zitteliana, **B 26**: 19.

P 141

KRIWET, J. & S. KLUG 2005

Late Jurassic carpetsharks (Neoselachii, Orectolobiformes) from South Germany. - Zitteliana, **B 26**: 19-20.

P 141

MARTY, D. 2005

Sedimentology and taphonomy of dinosaur track-bearing Plattenkalke (Kimmeridgian, Canton Jura, Switzerland. - Zitteliana, **B 26**: 20.

P 141

MICKLICH, N. 2005

The fish fauna of the Messel Pit: rule or exception? - Zitteliana, **B 26**: 20-21.

P 141

PAPAZZONI, C.A. & E. TREVISANI 2005

New data about the age and paleoenvironment of the "Pesciara di Bolca" fossil-lagerstätte. - Zitteliana, **B 26**: 21.

P 141

RUSCONI, M., C. LOMBARDO & A. TINTORI 2005

New Colobodontid (Actinopterygians) from the Carnian (Late Triassic) of Northern Italy. - Zitteliana, **B 26**: 22.

P 141

SCHWEIGERT, G. 2005

Ammonite biostratigraphy as a tool for dating Upper Jurassic Lithographic Limestones from South Germany. - *Zitteliana*, **B 26**: 22-23.

P 141

SCHWEIGERT, G. & A. GARASSINO 2005

The lobster genus *Squamosoglyphea* Beurlen, 1930 (Crustacea, Decapoda, Glypheidae) in the Upper Jurassic Lithographic Limestones of Southern Germany. - *Zitteliana*, **B 26**: 23.

P 141

SKAWIŃSKA, J. 2005

Development of a Jurassic Basin in terms of palaeohydrodynamic reconstruction (Miechów Trough, Poland). - *Zitteliana*, **B 26**: 24.

P 141

TINTORI, A., F. BONA & R. ZORZIN 2005

Bolca (Eocene, Verona) fossils under a new light. - *Zitteliana*, **B 26**: 24-25.

P 141

TINTORI, A. & C. LOMBARDO 2005

The Middle Triassic vertebrate levels in the Western Tethys: are fossil fishes useful for biostratigraphy. - *Zitteliana*, **B 26**: 25.

P 141

TISCHLINGER, H. 2005

Ultraviolet light investigations of fossils from the Upper Jurassic plattenkalks of Southern Franconia. - *Zitteliana*, **B 26**: 26.

P 141

VIOHL, G. & M. ZAPP 2005

Schamhaupten, an outstanding fossil-lagerstätte in a silicified plattenkalk (Kimmeridgian-Tithonian Boundary, Southern Franconian Alb, Bavaria). - *Zitteliana*, **B 26**: 27.

P 141

WEISS, C., R. KOCH & W. HUANG 2005

Diagenesis of thin bedded carbonate rocks in the Cambro-Ordovician sequences of the North China carbonate platform. - *Zitteliana*, **B 26**: 28.

P 141

WELLNHOFER, P. & M. RÖPER 2005

The ninth specimen of *Archaeopteryx* from Solnhofen. - *Zitteliana*, **B 26**: 28-29.

P 141

ZEISS, A., C. SCHULBERT & G. VIOHL 2005

The ammonites from Schamhaupten (Southern Franconian Alb, Bavaria) - an interesting faunal association at the boundary Upper Kimmeridgian/Lower Tithonian. - *Zitteliana*, **B 26**: 29.

P 141

SCHMID, D.U., R.R. LEINFELDER & G. SCHWEIGERT 2005
Stratigraphy and palaeoenvironment of the Upper Jurassic of Southern Germany - A review. -
Zitteliana, **B 26**: 31-41.
P 141

KOCH, R. & C. WEISS 2005
Basin-platform transitions in Upper Jurassic limestones and dolomites of the Northern
Franconian Alb (Germany). - Zitteliana, **B 26**: 43-56.
P 141

RÖPER, M. 2005
East Bavarian Plattenkalk - Different types of Upper Kimmeridgian to Lower Tithonian
Plattenkalk deposits and facies. - Zitteliana, **B 26**: 57-70.
P 141

RÖPER, M. 2005
Lithographic limestones and Plattenkalk deposits of the Solnhofen and Mörnsheim
Formations near Eichstätt and Solnhofen. - Zitteliana, **B 26**: 71-85.
P 141

SCHWEIGERT, G., G. DIETL & R. KOCH 2005
The Nusplingen Plattenkalk and other fossil sites in the Western Swabian Alb (SW Germany).
- Zitteliana, **B 26**: 87-95.
P 141

SALERNO, C. 2008
Stromatoporen-fauna, Fazies und Paläoökologie von Plattformkarbonaten aus dem Unter-
Givetium der Eifel (Devon, Rheinisches Schiefergebirge). - Zitteliana, **B 27**: 3-129.
P 141

HONE, D.W.E. & E. BUFFETAUT eds 2008
Flugsaurier: pterosaur papers in honour of Peter Wellnhofer. - Zitteliana, **B 28**: 3-255.
P 141

HONE, D.W.E. & E. BUFFETAUT 2008
Dedication (Peter Wellnhofer). - Zitteliana, **B 28**: 3-5.
P 141

WELLNHOFER, P. 2008
A short history of pterosaur research. - Zitteliana, **B 28**: 7-19.
P 141

PADIAN, K. 2008
Were pterosaur ancestors bipedal or quadrupedal?: Morphometric, functional, and
phylogenetic considerations. - Zitteliana, **B 28**: 21-33.
P 141

HONE, D.W.E. & M.J. BENTON 2008

Contrasting supertree and total-evidence methods: the origin of the pterosaurs. - Zitteliana, **B 28**: 35-60.

P 141

BARRET, P.M., C.S. 2008

Pterosaur distribution in time and space: an atlas. - Zitteliana, **B 28**: 61-107.

P 141

STEEL, L. 2008

The palaeohistology of pterosaur bone: an overview. - Zitteliana, **B 28**: 109-125.

P 141

BENNET, S.C. 2008

Morphological evolution of the wing of pterosaurs; myology and function. - Zitteliana, **B 28**: 127-141.

P 141

WITTON, M.P. 2008

A new approach to determining pterosaur body mass and its implications for pterosaur flight. - Zitteliana, **B 28**: 143-158.

P 141

HABIB, M.B. 2008

Comparative evidence for quadrupedal launch in pterosaurs. - Zitteliana, **B 28**: 159-166.

P 141

ELGIN, R.A., C.S. 2008

Aerodynamic characters of the cranial crest in *Pteranodon*. - Zitteliana, **B 28**: 167-174.

P 141

MARTILL, D.M. & M.P. WITTON 2008

Catastrophic failure in a pterosaur skull from the Cretaceous Santana Formation of Brazil. - Zitteliana, **B 28**: 175-183.

P 141

LOCKLEY, M., J.D. HARRIS & L. MITCHELL 2008

A global overview of pterosaur ichnology: tracksite distribution in space and time. - Zitteliana, **B 28**: 185-198.

P 141

UNWIN, D.M. & D.C. DEEMING 2008

Pterosaur eggshell structure and its implications for pterosaur reproductive biology. - Zitteliana, **B 28**: 199-207.

P 141

MARTILL, D.M., M.P. WITTON & A.GALE 2008

Possible azhdarchoid pterosaur remains from the Coniacian (Late Cretaceous) of England. - Zitteliana, **B 28**: 209-218.

P 141

RODRIGUES, T. & A.W.A. KELLNER 2008

Review of the pterodactyloid pterosaur *Coloborhynchus*. - Zitteliana, **B 28**: 219-228.
P 141

LÜ, J., L. XU & Q. JI 2008

Restudy of *Liaoxipterus* (Istiodactylidae: Pterosauria), with comments on the Chinese istiodactylid pterosaurs. - Zitteliana, **B 28**: 229-241.
P 141

MARTILL, D.M. 2008

First pterosaur remains from the Exu Formation (Cretaceous) of the Araripe Basin, Brazil. - Zitteliana, **B 28**: 243-248.
P 141

BUFFETAUT, E. 2008

Late Cretaceous pterosaurs from France: a review. - Zitteliana, **B 28**: 249-255.
P 141

ALTENBACH, A., C.S. (Editorial Board) 2010

Paläontologie im Blickpunkt. 80. Jahrestagung der Paläontologischen Gesellschaft 5.-8. Oktober 2010 in München. Programm und Kurzfassungen - Program and Abstracts. - Zitteliana, **B 29**, 118 pp.
P 141

THIEDE, J. 2010

Altes und neues Leben in den Polargebieten. - Zitteliana, **B 29**: 11.
P 141

ABOUSSALAM, Z.S. & R.TH. BECKER 2010

Der Einfluß der globalen Frasn-Events (basales Oberdevon) auf Conodonten-Abfolgen im östlichen Rheinischen Schiefergebirge. - Zitteliana, **B 29**: 13.
P 141

AIGLSTORFER, M., C.S. 2010

Gratkorn [A] - A unique terrestrial Sarmatian (~ 12 Ma) locality: Larger herbivores in outstanding high quality and rich quantity for their time. - Zitteliana, **B 29**: 13-14.
P 141

ALBERTI, M. 2010

Ammonitenstratigraphie des Oberjura von Kachchh, W-Indien: Rahmen für die Rekonstruktion von Klima- und Ablagerungsbedingungen. - Zitteliana, **B 29**: 14.
P 141

ALTENBACH, A.V. 2010

Holistic micropalaeontology. - Zitteliana, **B 29**: 15.
P 141

ALTNER, M. & G. GRUPE 2010

Untersuchung von Hartteilen einer frühneuzeitlichen Skelettserie aus Dohna (Sachsen). - Zitteliana, **B 29**: 15.

P 141

AMLER, M.R.W. 2010

High diversity in a minor molluscan class - Rostroconchia and their occurrence in the Palaeozoic record. - *Zitteliana*, **B 29**: 16.

P 141

ANDERS, U. 2010

Functional preservation in the mammalian dentition during ontogeny. - *Zitteliana*, **B 29**: 16-17.

P 141

ARP, G. & C. SCHULBERT 2010

Die Belemniten-schlachtfelder der Fränkischen Schwarzjura-Gruppe: Rostreneinstreuung und paläoozeanographische Folgerungen. - *Zitteliana*, **B 29**: 17-18.

P 141

ARRATIA, G. 2010

Teleostean diversity during the Jurassic and the origin of the crown-group Teleostei. - *Zitteliana*, **B 29**: 18.

P 141

ARYASARI, R., C.S. 2010

Population structure of selected sponge species (Porifera: Demospongiae) from the Indonesian Archipelago. - *Zitteliana*, **B 29**: 18.

P 141

ASHER, R. 2010

Data integration and reconstructing the mammalian tree of life. - *Zitteliana*, **B 29**: 18-19.

P 141

AXSMITH, B.J. 2010

Triassic gymnosperms, evo-devo, and the origin of angiosperms?. - *Zitteliana*, **B 29**: 19.

P 141

BÄRMANN, E.V. 2010

The benefit of simultaneous analysis of molecular and morphological data - an example from Antilopinae (Bovidae, Cetartiodactyla, Mammalia). - *Zitteliana*, **B 29**: 19.

P 141

BARRET, P.M. 2010

Postcranial skeletal pneumaticity in Triassic and Early Jurassic non-avian archosaurs and its implications for respiratory evolution. - *Zitteliana*, **B 29**: 20.

P 141

BECKER, R.TH. & S. HARTENFELS 2010

Der Faunenwechsel bei Ammonoiten des mittleren Famenniums (Oberdevon III/IV) - Folge einer globalen trophischen Krise in Außenschelfen?. - *Zitteliana*, **B 29**: 20.

P 141

- BEIMFORDE, C., C.S. 2010
Fossile Rußtaupilze in mesozoischen und känozoischen Bernsteinen. - Zitteliana, **B 29**: 21.
P 141
- BERGMANN, A., G. KÜHL & J. RUST 2010
Nachuntersuchung von *Nahecaris balssi* und *Palaeoscorpius devonicus* aus dem Unterdevon des Hunsrückschiefers. - Zitteliana, **B 29**: 21-22.
P 141
- BÖHMER, C. 2010
Sequentieller Zahnwechsel und Mortalitätsprofil von juvenilen Nashörnern aus dem Miozän. - Zitteliana, **B 29**: 22.
P 141
- BÖHMER, C., O. RAUHUT & G. WÖRHEIDE. 2010
Correlation between vertebral *Hox* code and vertebral morphology: implications for vertebral evolution in sauropodomorph dinosaurs. - Zitteliana, **B 29**: 22-23.
P 141
- BOHATÝ, J., E. NARDIN & U. HEIN 2010
Extraordinary abnormalities in Middle Devonian blastoids from the Rhenish Massif. - Zitteliana, **B 29**: 23.
P 141
- BOMFLEUR, B., C.S. 2010
Gymnosperm diversity in the Triassic of Antarctica: the enigmatic seed fern *Dejerseya*. - Zitteliana, **B 29**: 23.
P 141
- BRINKKÖTTER, J.J. & TH. MARTIN 2010
Die Großberg-Bank - eine neue Fundstelle für terrestrische Mammalia im Mainzer Becken am Übergang von MN1 zu MN2 (frühestes Miozän). - Zitteliana, **B 29**: 23-24.
P 141
- BROSIG, A., C.S. 2010
Depositional environment and biofacies characterisation of Late Triassic-Early Jurassic continental deposits in Central Asia. - Zitteliana, **B 29**: 24.
P 141
- BUCHWITZ, M., C.S. 2010
Reconsideration of the chroniosuchian-crocodilian analogy on the basis of new morphological and osteohistological data. - Zitteliana, **B 29**: 24-25.
P 141
- BUCHWITZ, M., F. WITZMANN & S. VOIGT 2010
Compactness analysis of tetrapod dermal bone. - Zitteliana, **B 29**: 25.
P 141
- BUTLER, R.J., C.S. 2010

Mesozoic vertebrate diversity, sampling biases, sea level, and insights into the “common cause” hypothesis. - Zitteliana, **B 29**: 26.

P 141

CASANOVAS-VILAR, I., C.S. 2010

Long-term biogeographic and diversity patterns in the Miocene Iberian mammal record. - Zitteliana, **B 29**: 26.

P 141

CHELLOUCHE, P., F.T. FÜRSICH & M. MÄUSER 2010

Possible microenvironmentally triggered bioturbation in the Upper Franconian Wattendorf Plattenkalk (Upper Kimmeridgian, Southern Germany). - Zitteliana, **B 29**: 27.

P 141

DESOJO, J.B., O. RAUHUT & M. EZCURRA 2010

Revision of the holotype of *Rhadinosuchus gracilis* (Archosauriformes: Proterochampsidae) from the early Late Triassic of southern Brazil. - Zitteliana, **B 29**: 28.

P 141

DEVAERE, L. & S. CLAUSEN 2010

Disarticulated echinoderm remains from the Lower-Middle Cambrian transition of Morocco suggest early origin of mitrates (stylophorans). - Zitteliana, **B 29**: 28.

P 141

DOHRMANN, M., C.S. 2010

Molecular phylogeny of glass sponges (Porifera, Hexactinellida): increased taxon sampling and inclusion of a mitochondrial protein-coding gene. - Zitteliana, **B 29**: 28-29.

P 141

DOHRMANN, M., C.S. 2010

Glass, rocks and clocks: prospects and problems of molecular dating in hexactinellid sponges. - Zitteliana, **B 29**: 29.

P 141

DOHRMANN, M. & G. WÖRHEIDE 2010

Evolution of dictyonal sponges elucidated by molecular paleobiology. - Zitteliana, **B 29**: 29.

P 141

DOLEZYCH, M. 2010

Metasequoia - eminent in the Arctic Tertiary of Svalbard and Ellesmere Island, but lacking in the Middle European Tertiary. - Zitteliana, **B 29**: 29-30.

P 141

DOTZLER, N., C.S. 2010

Peronosporomycota (Oomycota) in the fossil record. - Zitteliana, **B 29**: 30.

P 141

DRAPATZ, H. & J. RUST 2010

Die Paläobiologie der Tentakuliten des Hunsrückschiefers. - Zitteliana, **B 29**: 30.

P 141

EICHHOLT, S. & R.TH. BECKER 2010

Phyletischer Gradualismus bei Beloceratiden (Agoniatitida, Gephuroceratacea). - *Zitteliana*, **B 29**: 3-129.

P 141

ELICKI, O., C.S. 2010

Cambrian trace fossils from the north-eastern Africa - Middle East segment of Perigondwana. - *Zitteliana*, **B 29**: 31-32.

P 141

ENGELBRECHT, H. 2010

Preliminary classification of corals sampled by Ernst Haeckel in the Indian Ocean and their significance for reconstruction and evaluation of the recent environmental development. - *Zitteliana*, **B 29**: 32.

P 141

ENGELBRECHT, H. 2010

The stratigraphy of Langer Köchel (S-Bavaria, FRG): a deepening upward sequence at the Grünten Ramp of the Helvetic Carbonate Platform. - *Zitteliana*, **B 29**: 32-33.

P 141

ENGELS, S. 2010

Functional and morphological changes in the molar morphology of early Hippomorpha. - *Zitteliana*, **B 29**: 33-34.

P 141

ERPENBECK, D., C.S. 2010

Progress and workflow of the Sponge Barcoding Project. - *Zitteliana*, **B 29**: 34.

P 141

ERPENBECK, D., C.S. 2010

Horny sponges and their affairs: On the Phylogenetic relationships of keratose sponges. - *Zitteliana*, **B 29**: 34.

P 141

ERPENBECK, D., C.S. 2010

Assessing diversity and evolution of Lake Tanganyika's sponges using DNA barcoding. - *Zitteliana*, **B 29**: 35.

P 141

EZCURRA, M.D. 2010

A review of the macroevolutionary patterns involved in the early radiation of dinosaurs during the early Mesozoic. - *Zitteliana*, **B 29**: 35.

P 141

FISCHER, J., C.S. 2010

Oxygen isotopes from non-marine shark tooth enameloid - environmental and ecological implications for the Late Palaeozoic of Central Europe. - *Zitteliana*, **B 29**: 36.

P 141

FOTH, C., J. KALBE & R. KAUTZ 2010

First evidence of an Elasmosauridae (Reptilia: Sauropterygia) in a Geschiebe from the Campanian (Upper Cretaceous) of South Scandinavia. - Zitteliana, **B 29**: 36.

P 141

FOTH, C. & A. SCHEUERLEIN 2010

When do dinosaurs become mature? - A case study on *Psittacosaurus* from the Lower Cretaceous in China. - Zitteliana, **B 29**: 37.

P 141

FUCHS, D., S. BOLETZKY & H. TISCHLINGER 2010

Multiple reasons why the cephalopod taxon "Neocoleoidea" is not monophyletic. - Zitteliana, **B 29**: 37.

P 141

FÜRSICH, F.T., C.S. 2010

Environmental significance of *Corbulomima* concentrations: The upper Jurassic Tereñes Formation of Asturias (northern Spain). - Zitteliana, **B 29**: 37-38.

P 141

GAILER, J.P. & T.M. KAISER 2010

Quantifying chewing efficiency of ruminant dental patterns - an approach using three-dimensional metrology systems. - Zitteliana, **B 29**: 38.

P 141

GEE, C.T. 2010

Neue Funde von fossilen Araukarien aus Utah und ihre Bedeutung für die Koniferen-Diversität in der oberjurassischen Morrison Formation. - Zitteliana, **B 29**: 38.

P 141

GEHLER, A., TH. TÜTKEN & A. PACK 2010

Diagenetic alteration of fossil mammalian bioapatite detected by triple oxygen isotope analysis. - Zitteliana, **B 29**: 39.

P 141

GINGERICH, PH.D 2010

Fossils and the fractal properties of evolutionary rates: consequences for understanding the evolutionary process. - Zitteliana, **B 29**: 39.

P 141

GISCHLER, E. 2010

Quaternary coral reefs as archives of environmental and climate change. - Zitteliana, **B 29**: 40.

P 141

GITTER, F., M. GROSS & W.E. PILLER 2010

High-resolution analyses of an ostracod fauna in Late Miocene Lake Pannon (E-Styria/Austria). - Zitteliana, **B 29**: 40-41.

P 141

- GITTER, F., B. LÄUCHLI & B. REICHENBACHER 2010
Faunal similarities between the Frankfurt Formation in the Mainz Basin and surrounding areas. - *Zitteliana*, **B 29**: 41.
P 141
- GÖHLICH, U., C.S. 2010
Completing a 100 years lasting puzzle of the fossil lemur skull of *Hadropithecus* (Archaeolemuridae). - *Zitteliana*, **B 29**: 41.
P 141
- GÖHRINGER, F. 2010
Die Paläoflora des Randecker Maar: Palökologie und Paläoklima. - *Zitteliana*, **B 29**: 41-42.
P 141
- GÖTZ, S. 2010
Growth and carbonate production inside Cretaceous rudist reefs. - *Zitteliana*, **B 29**: 42.
P 141
- GREGG, G., M. MORLO & D. NAGEL 2010
Ecomorphology via Guild-Analysen an tertiären Carnivoren. - *Zitteliana*, **B 29**: 42.
P 141
- GRIESSHABER, E., R.D. NEUSER & W. SCHMAHL 2010
Microstructural and crystallographic texture variations in marine carbonate shells. - *Zitteliana*, **B 29**: 42-43.
P 141
- GRUNERT, P., C.S. 2010
Well-based stratigraphy and facies analysis of Early Miocene deposits in the North Alpine Foreland Basin (Upper Austria, Salzburg) in the context of global events. - *Zitteliana*, **B 29**: 43.
P 141
- HASZPRUNAR, G. & B. RUTHENSTEINER 2010
News and thoughts on Monoplacophora: their role in molluscan phylogeny. - *Zitteliana*, **B 29**: 43-44.
P 141
- HAUSCHKE, N. & L. SCHÖLLMANN 2010
Lepadomorphe Cirripedier als Epöken orthoconer Cephalopoden - Zum Schwimmgleichgewicht heteromorpher Ammoniten. - *Zitteliana*, **B 29**: 44.
P 141
- HAUTMANN, M. 2010
The Triassic radiation of bivalves. - *Zitteliana*, **B 29**: 44.
P 141
- HECKEBERG, N.S. & G.E. RÖSSNER 2010
A remarkable wolf skull from the fissure fillings of Gargano, Southern Italy. - *Zitteliana*, **B 29**: 45.

P 141

HECKEBERG, N.S., PH. ANDERSON & E. RAYFIELD 2010

Intraspecific variations in the beak morphology and beak size of the African seed-cracker *Pyrenestes ostrinus*. - Zitteliana, **B 29**: 45.

P 141

HEINHOFER, U., C.S. 2010

Assessing the response of terrestrial palynofloras to the Cenomanian-Turonian Boundary Event. - Zitteliana, **B 29**: 45-46.

P 141

HELLING, S., M. HÜBERS & R.TH. BECKER 2010

Neue, seltene *Gerastos*-Funde (Trilobita, Proetida) aus dem Unter- und Mittel-Devon Süd-Marokkos. - Zitteliana, **B 29**: 46.

P 141

HENNHÖFER, D. & S. GÖTZ 2010

Quantitative paleobiology of a *Biradiolites mooretownensis* - bouquet (Maastrichtian, Guinea Corn Formation, Central Jamaica). - Zitteliana, **B 29**: 47.

P 141

HERBIG, H.-G., E. MINWEGEN & S. RAUTENBERG 2010

Ubiquity of sponges in Pennsylvanian (Moscovian and Kasimovian) platform deposits of the Cantabrian mountains, Northern Spain. - Zitteliana, **B 29**: 47.

P 141

HETHKE, M., F.T. FÜRSICH & B. JIANG 2010

The role of microbial sealing of laminated sediment in exceptional preservation of Jurassic lake biota from Gansu (China). - Zitteliana, **B 29**: 48.

P 141

HEUNISCH, C., B. HOLSTEIN & J.J. LUND 2010

Palynologische Korrelation der Trias-Jura Grenze des Profils Kuhjoch (Tirol; GSSP) mit den Norddeutschen Becken. - Zitteliana, **B 29**: 48-49.

P 141

HEYNG, A.M., U. LEONHARDT & U. KRAUTWORST 2010

Profilaufnahme der Mörsheim Formation (Ob. Jura, Tithonian) in Mühlheim (Oberbayern): Stand der Arbeiten. - Zitteliana, **B 29**: 49.

P 141

HILLEBRANDT, A. VON 2010

Wo kommen die planktonischen Foraminiferen her?. - Zitteliana, **B 29**: 49-50.

P 141

HIR, J. 2010

A short sketch on the studies of middle Miocene fossil rodent faunas in the Pannonian Basin. - Zitteliana, **B 29**: 50.

P 141

- HORNUNG, J.J., C.S. 2010
Dinosaur tracksites in the Bückeberg Formation (Berriasian, Early Cretaceous) of Lower Saxony, northern Germany. - *Zitteliana*, **B 29**: 50-51.
P 141
- HUBER, R. & S. GÖTZ 2010
Die Chiemsee Furchensteine: Wie aus Bioerosion eine Katastrophe wird. - *Zitteliana*, **B 29**: 51.
P 141
- HÜBERS, M. & H. KERP 2010
Disperse Kutikulen aus dem Viseum von Glösa bei Chemnitz. - *Zitteliana*, **B 29**: 52.
P 141
- HUNTLEY, J.W. & D. SCARPONI 2010
Evolutionary and ecological implications of trematode parasitism of modern and fossil northern Adriatic bivalves. - *Zitteliana*, **B 29**: 52.
P 141
- JACKSON, D., V. THIEL & G. WÖRHEIDE 2010
An evolutionary fast track to bio-calcification. - *Zitteliana*, **B 29**: 53.
P 141
- JÄGER, H. 2010
Mikroflora aus dem Oberrhein der Nordsee und Sachsens - Hinweise auf paläobotanische Unterschiede zwischen Laurussia und Peri-Gondwana. - *Zitteliana*, **B 29**: 53.
P 141
- JANSEN, M. & N. KLEIN 2010
Eine kleine Schildkröte (Reptilia: Testudines) aus dem Oberen Jura Niedersachsens (Norddeutschland) und ihre Referenz für aquatische Anpassung und Ontogenie. - *Zitteliana*, **B 29**: 54.
P 141
- JOACHIM, C., J. MUTTERLOSE & P. SCHULTE 2010
Biological response to short-termed ocean acidification events in the past: biodiversity and evolution patterns of marine primary producers (calcareous nannofossils) during the PETM (Demerara Rise). - *Zitteliana*, **B 29**: 54.
P 141
- JONES, M.E.H., R.R. SCHOCH & S.E. EVANS 2010
The origin and early history of Lepidosauromorpha (Diapsida). - *Zitteliana*, **B 29**: 55.
P 141
- KAIM, A. & A. NÜTZEL 2010
Gastropod recovery after Permian-Triassic mass extinction. - *Zitteliana*, **B 29**: 55-56.
P 141
- KALTHOFF, D.C. 2010

Dentine in details: tooth microstructures in extinct ground sloth and glyptodonts (Mammalia, Folivora and Cingulata). - Zitteliana, **B 29**: 56.

P 141

KALTHOFF, D.C. 2010

Giants and their little secrets: Dentine microstructures in mylodontid ground sloths (Mammalia, Folivora). - Zitteliana, **B 29**: 56.

P 141

KAPPLER, A. 2010

Microbial formation of iron minerals in modern and ancient environments. - Zitteliana, **B 29**: 56-57.

P 141

KARLINSKA, K. & G. WÖRHEIDE 2010

Microbial diversity in the coralline sponge *Vaceletia crypta*. - Zitteliana, **B 29**: 57.

P 141

KARLINSKA, K. & G. WÖRHEIDE 2010

Phylogenetic diversity of microbial symbionts in the coralline sponge *Astrosclera willeyana* from distant geographical regions (Red Sea-Egypt versus Great Barrier Reef-Australia). - Zitteliana, **B 29**: 57.

P 141

KLIETMANN, J., D. NAGEL & M. RUMMEL 2010

The Insectivora of Petersbuch 28. - Zitteliana, **B 29**: 58.

P 141

KLUG, S. 2010

Defining stem-lineage neoselachians (Synechodontiformes): Implications for the origin and evolution of modern sharks and rays. - Zitteliana, **B 29**: 58.

P 141

KLUG, S. 2010

Interspecific variation or sexual dimorphism: is early neoselachian diversity an artefact or substantial? - Zitteliana, **B 29**: 59.

P 141

KLUG, S. & J. KRIWET 2010

Antiquity and origin of angel sharks (Chondrichthyes, Squatiniformes). - Zitteliana, **B 29**: 59.

P 141

KOCH, M., T. WAPPLER & J. RUST 2010

Pflanzen-Insekten Interaktionen und klimatische Korrelationen im Unter-Oligozän von Mitteleuropa. - Zitteliana, **B 29**: 59-60.

P 141

KÖNIG, J., C.S. 2010

Fossile Prokaryoten in mesozoischen und känozoischen Bernsteinen. - Zitteliana, **B 29**: 60.

P 141

KOENIGSWALD, W. VON 2010
Hypsodonte Säugetierzähne klassifiziert als heterochrone Bildungen. - Zitteliana, **B 29**: 60-61.
P 141

KOGAN, I., C.S. 2010
The Madygen lake deposits: A unique multi-taxa kindergarten for Triassic fishes? - Zitteliana, **B 29**: 61.
P 141

KOGAN, I., C.S. 2010
Testing a nanometrological technique for morphometric analysis of actinopterygian teeth. - Zitteliana, **B 29**: 61-62.
P 141

KOLB, C., T. SCHEYER & M.R. SÁNCHEZ-VILLAGRA 2010
The palaeohistology of the basal ichthyosaur *Mixosaurus* Baur, 1887 (Ichthyosauria, Mixosauridae) from the Middle Triassic: palaeobiological implications. - Zitteliana, **B 29**: 62.
P 141

KONRAD, W. & A. ROTH-NEBELSICK 2010
A quantitative model linking palaeoenvironment and plant ecophysiology. - Zitteliana, **B 29**: 62-63.
P 141

KOWALEWSKI, M. 2010
Macroevolution and macroecology of mollusc-dominated benthic associations. - Zitteliana, **B 29**: 63.
P 141

KRETZSCHMAR, R & V. ANNACKER 2010
Wie gräbt man einen versteinerten Wald aus? Paläobotanik aus Ingenieurssicht. - Zitteliana, **B 29**: 63.
P 141

KRIWET, J., C.S. 2010
Of genes and fossils. Reconstructing adaptive processes in dog-fish sharks. - Zitteliana, **B 29**: 64.
P 141

KRIWET, J., S. SCHELLHORN & N. RÜCKERT 2010
Shark, rays and skates (Chondrichthyes, Neoselachii) from the Ottnangian of South Germany: Implications for neoselachian diversity of the Miocene Molasse Basin. - Zitteliana, **B 29**: 64-65.
P 141

KUNZMANN, L. & D.H. MAI 2010
Late Cretaceous conifer diversity: new data from the Maastrichtian flora of Walbeck (Germany). - Zitteliana, **B 29**: 65.
P 141

KUSTATSCHER, E. 2010

How did the Cucads evolve in Central Europe during the Triassic. - *Zitteliana*, **B 29**: 66.

P 141

LALLENSACK, J., M. BUCHWITZ & A. RASCHKA 2010

.Paläontologie in der deutschsprachigen Wikipedia - *Zitteliana*, **B 29**: 66.

P 141

LANE, J.A. 2010

Jaw morphology in the Lower Cretaceous hybodont shark *Tribodus limae*. - *Zitteliana*, **B 29**: 67.

P 141

LARROUX, C., C.S. 2010

What can the sponge genome tell us about the metazoan last common ancestor?. - *Zitteliana*, **B 29**: 67.

P 141

LEE, M.R., C. TORNEY & A.W. OWEN 2010

Peering into the crystalline eyes of trilobites. - *Zitteliana*, **B 29**: 68.

P 141

LEHNERT, O., C.S. 2010

Is the Ordovician explosion in the diversity of life related to climate cooling and glacial intervals? - *Zitteliana*, **B 29**: 68.

P 141

LEHNERT, O., C.S. 2010

Yellowstone-like microbial environments in Tremadocian hydrothermal vent systems at the northern Gondwana margin (Prague Basin, Czech Republic). - *Zitteliana*, **B 29**: 69.

P 141

LEROSEY-AUBRIL, R., R. FEIST & E. SCHINDLER 2010

Ecological and behavioural changes associated with the evolution of tagmosis in scutellid trilobites. - *Zitteliana*, **B 29**: 69.

P 141

LEROSEY-AUBRIL, R. & TH. HEGNA 2010

Inferring internal anatomy from the trilobite exoskeleton: the relationship between frontal auxiliary impressions and the digestive system. - *Zitteliana*, **B 29**: 69-70.

P 141

LEROSEY-AUBRIL, R. & K.J. MCNAMARA 2010

The cephalic median organ of trilobites: an enigmatic arthropod cuticular structure. - *Zitteliana*, **B 29**: 70.

P 141

LÖSER, H. 2010

A working systematic for Mid-Jurassic - Cretaceous corals. - *Zitteliana*, **B 29**: 70-71.

P 141

LÖSER, H. 2010

Diversity changes in Nerineid gastropods. - Zitteliana, **B 29**: 71.

P 141

LÓPEZ-ARBARELLO, A. 2010

The new old era in actinopterygian research. - Zitteliana, **B 29**: 71.

P 141

LÓPEZ-ARBARELLO, A., K.M. SCHRÖDER & M. EBERT 2010

New semionotiform from Ettling (Late Jurassic of southern Germany). - Zitteliana, **B 29**: 72.

P 141

LÓPEZ-ARBARELLO, A., R. STOCKAR & K.M. SCHRÖDER 2010

New controversial neopterygian from the Triassic of Monte San Giorgio. - Zitteliana, **B 29**: 72.

P 141

MADERN, A. & L.W. VAN DEN HOEK OSTENDE 2010

Drift in Miocene mammalian biodiversity hotspots along a latitudinal gradient. - Zitteliana, **B 29**: 72.

P 141

MARTIN, TH. & A.O. AVERIANOV 2010

Jurassic mammalian diversity in Central Asia. - Zitteliana, **B 29**: 73.

P 141

MOHR, B., C.S. 2010

The gymnosperm component of early Cretaceous palaeoequatorial environments, as seen in the Crato flora of northwestern Brazil. - Zitteliana, **B 29**: 73.

P 141

MOISAN, PH., C.S. 2010

Lycopods from the Triassic Madygen Lagerstätte (SW Kyrgyzstan, Central Asia). - Zitteliana, **B 29**: 74.

P 141

MUDROCH, A., C.S. 2010

Morphologische Besonderheiten von Theropoden-Fährten aus dem Mitteljura der Rep. Niger, Afrika. - Zitteliana, **B 29**: 74.

P 141

MÜHL, N. 2010

“Auf der Mauer, auf der Lauer” - Die geodidaktische Aufarbeitung der Station 10 des Geopfades Stadt-Land-Fluß. - Zitteliana, **B 29**: 75.

P 141

MÜLLER, J., C.S. 2010

Genes, development, and fossil morphologies: an example from vertebrates. - Zitteliana, **B 29**: 75.

P 141

MÜLLER, TH., J.W. SCHNEIDER & H. WALTER 2010

Sedimentologie & Paläoökologie des Niederplanitz-Horizonts (Unter-Rotliegend, Planitz-Formation) im westlichen Chemnitz-Becken. - Zitteliana, **B 29**: 76.

P 141

NAGM, E. & M. WILMSEN 2010

Ammonite biostratigraphy of the lower Upper Cretaceous (Cenomanian - Turonian) of the north Eastern Desert (Wadi Araba area, Egypt). - Zitteliana, **B 29**: 76.

P 141

NARDIN, E. & J. BOHATÝ 2010

Ontogeny of blastoids (Blastozoa): an example of the Middle Devonian hyperblastids from the Rhenish Massif (Germany). - Zitteliana, **B 29**: 77.

P 141

NARDIN, E., C.S. 2010

Environmental context of the Ordovician biodiversification. - Zitteliana, **B 29**: 77.

P 141

NIE4BERG, C., S. SCHWITZER & TH.M. KAISER 2010

Quantifying occlusal topography and complexity in non-ruminating mammals. - Zitteliana, **B 29**: 78.

P 141

NIELSEN, S.N. 2010

New Pliocene mollusk faunas from Chile: filling some gaps in age, diversity and biogeography. - Zitteliana, **B 29**: 78.

P 141

NÜTZEL, A. 2010

Early gastropod dominance in Late Paleozoic/Early Mesozoic communities. - Zitteliana, **B 29**: 78.

P 141

NYHUIS, C., C.S. 2010

A coral-crinoid biocoenosis from the Middle Devonian of the Eifel Synclines (Rhenish Massif, Germany). - Zitteliana, **B 29**: 79.

P 141

NYHUIS, C. & H.-G. HERBIG 2010

Mikrostruktur und Taphonomie der Schalen des pedunkulaten Cirripediers *Lepas anatifera*. - Zitteliana, **B 29**: 79-80.

P 141

PARDO-PÉREZ, J., C.S. 2010

Evidence of two new species of *Platypterygius* (Ichthyosauria: Ophthalmosauridae) and their palaeobiogeographical significance from the Torres del Paine National Park, Southern Chile. - *Zitteliana*, **B 29**: 80.

P 141

PASCUAL, E. & S. GÖTZ 2010

Calcite / Aragonite ratio fluctuations in rudist bivalves: Quantitative data based on serial grinding tomography. - *Zitteliana*, **B 29**: 80.

P 141

PIPPÈRR, M. & B. REICHENBACHER 2010

Planktonic foraminifera: proxies for palaeobathymetry and past sea-surface temperatures? A case history from the early Miocene Upper Marine Molasse Sea. - *Zitteliana*, **B 29**: 80-81.

P 141

POTT, C., S. MCLOUGHLIN & E.M. FRIIS 2010

“Arms race” in the Mesozoic: bennettitalean response to insect feeding. - *Zitteliana*, **B 29**: 81.

P 141

PRIETO, J. 2010

The faunas from Ichenhausen. - *Zitteliana*, **B 29**: 81-82.

P 141

RAHMAN, A. & G. WÖRHEIDE 2010

In vitro regulation of CaCO_3 crystal growth by the highly acidic proteins of calcitic sclerites in soft coral, *Sinularia polydactyla*. - *Zitteliana*, **B 29**: 82.

P 141

RASSER, M.W., C.S. 2010

Das Randecker Maar: ökologische und klimatische Proxies eines untermiozänen Kratersees. - *Zitteliana*, **B 29**: 82-83.

P 141

RAUHUT, O.W.M., C.S. 2010

New reptiles from the Mörsheim Formation of Mühlheim, Bavaria. - *Zitteliana*, **B 29**: 83.

P 141

REICH, M. 2010

How many species of fossil holothurians (Echinodermata) are there. - *Zitteliana*, **B 29**: 83.

P 141

REICH, M. & A. KROH 2010

Middle Miocene holothurians (Echinodermata) from Austria. - *Zitteliana*, **B 29**: 84.

P 141

REICH, M., C.S. 2010

Aus dem Archiv der Paläontologischen Gesellschaft IV: Mitglieder. - *Zitteliana*, **B 29**: 84-85.

P 141

REICH, M. & A.B. SMITH 2010

A new deep-sea holothurian representative (Echinodermata) from the Early Devonian Hunsrück Slate Fossilagerstätte. - Zitteliana, **B 29**: 85.
P 141

REICH, M. & T. STEGEMANN 2010
Apodid holothurians (Echinodermata) from the Mazon Creek Fossilagerstätte (Illinois, USA). - Zitteliana, **B 29**: 85-86.
P 141

REICH, M. & T. STEGEMANN 2010
Aus dem Archiv der Paläontologischen Gesellschaft V: Tagungen. - Zitteliana, **B 29**: 86.
P 141

RENESTO, S. 2010
Diversity, functional morphology and mode of life of the Late Triassic drepanosaur reptiles. - Zitteliana, **B 29**: 86.
P 141

RENESTO, S. & R. STOCKAR 2010
Stratigraphic significance of a new finding of *Neusticosaurus* from the Meride Limestone (Ladinian, middle Triassic, Monte San Giorgio Switzerland). - Zitteliana, **B 29**: 87.
P 141

RICHTER, U., C.S. 2010
Ein neues Taxon didactylar Theropoden-Fährten aus dem Mitteljura der Rep.Niger, Afrika. - Zitteliana, **B 29**: 87.
P 141

RÖBLER, R., R. KRETSCHMAR & V. ANNACKER 2010
Die eruptionsnahe Überlieferung eines permischen Ökosystems - Neue Forschungen im Versteinerten Wald von Chemnitz. - Zitteliana, **B 29**: 87-88.
P 141

RÖSSNER, G.E. & U.B. GÖHLICH 2010
First fossil evidence of Giraffidae (Cetartiodactyla, Mammalia) from Central Europe. - Zitteliana, **B 29**: 88.
P 141

SALAZAR, C., C.S. 2010
Systematic, biostratigraphy and Paleobiogeography of Ammonoids from the Quiriquina Formation (Maastrichtian), Chile. - Zitteliana, **B 29**: 88-89.
P 141

SÁNCHEZ-BERISTAIN, J.F. 2010
Palökologische Analyse ausgewählter Schwamm-Mikroinkrustierer-Gemeinschaften aus den Cipit-Kalken der Cassian Formation (Unterjura, Obertrias) anhand statistischer Methoden. - Zitteliana, **B 29**: 89.
P 141

SÁNCHEZ-BERISTAIN, J.F., C.S. 2010

Neue Ergebnisse zur Geo- und Biogeochemie ausgewählter Karbonatfazies aus der Cassian Formation. - Zitteliana, **B 29**: 89.
P 141

SCHELLHORN, R. 2010
Cannon bones - and what they can tell. - Zitteliana, **B 29**: 89-90.
P 141

SCHEYER, T.M. 2010
Cyamodus hildegardis Peyer, 1931 (Sauropterygia: Placodontia) from the Middle Triassic of Monte San Giorgio (Ticino) - new interpretation of the postcranial skeleton. - Zitteliana, **B 29**: 90.
P 141

SCHMAHL, W.W. 2010
The hierarchical organization in biomaterials: from nanoparticles via mesocrystals to functionality. - Zitteliana, **B 29**: 90.
P 141

SCHMIED, H. & Z. ČOLIĆ 2010
First evidence of aquatic spiders in the fossil record, identified with new findings of biomimetic research. - Zitteliana, **B 29**: 91.
P 141

SCHNEIDER, S., C.S. 2010
Fossil and extant Unionidae of Southeast Asia - Species concepts and radiation patterns. - Zitteliana, **B 29**: 91.
P 141

SCHOCH, R.R. 2010
Patterns of ontogeny and evolution in Mesozoic amphibians. - Zitteliana, **B 29**: 92.
P 141

SCHOENEMANN, B., C.S. 2010
The sophisticated strategy of a tiny eye. - Zitteliana, **B 29**: 92.
P 141

SCHOENEMANN, B. & E.N.K. CLACKSON 2010
Neue Einblicke in das visuelle System alter Augen - Die Augen von Phacopiden (Trilobiten). - Zitteliana, **B 29**: 92-93.
P 141

SCHIOLZ, H. & M. GLAUBRECHT 2010
Rein in den Fluss, raus aus dem Fluss: Die Mollusken der Koobi Fora Formation des Turkana Beckens, N-Kenia. - Zitteliana, **B 29**: 93.
P 141

SCHRANK, E. & V. KRASSILOV 2010
Palaeobotanical and palynological studies in the Cretaceous of the Negev Desert, Israel. - Zitteliana, **B 29**: 93-94.

P 141

SCHULTZ, J.A. & TH. MARTIN 2010

Occlusal surface analysis of dryolestoid molars (Mammalia, Cladotheria). - Zitteliana, **B 29**: 94.

P 141

SCHULTZE, H.P. & G. ARRATIA 2010

Die Plattenkalk-Becken in der südlichen Frankenalb (Bayern, Süddeutschland) als Ursprungszentren. - Zitteliana, **B 29**: 94.

P 141

SCHULZ-MIRBACH, T., C.S. 2010

Texture and microstructure of otoliths from cave- and surface-dwelling fish: a high-resolution EBSD study. - Zitteliana, **B 29**: 95.

P 141

SCHWARZ, C., I. RUF & TH.M. STEINMANN 2010

3D analysis of the inner ear in the Oligocene fossil ground squirrel *Heteroxerus costatus* (Rodentia, Mammalia). - Zitteliana, **B 29**: 95.

P 141

SCHWEIGERT, G., M. MÄUSER & M. WULF 2010

Die Krebsfauna der oberjurassischen Plattenkalke von Wattendorf (Ober-Kimmeridgium, Nördliche Frankenalb). - Zitteliana, **B 29**: 96.

P 141

SCHWEIGERT, G., H. TISCHLINGER & G. DIETL 2010

Vorschlag zum Fossil des Jahres 2011: Feder aus dem Nusplinger Plattenkalk. - Zitteliana, **B 29**: 96-97.

P 141

SCHWERMANN, L. & M. SANDER 2010

Ein neuer Plesiosauride aus dem Unteren Lias (Pliensbachium) von Sommersell (Kreis Höxter), Nordrhein-Westfalen, Deutschland. - Zitteliana, **B 29**: 97.

P 141

SERVAIS, TH., C.S. 2010

Cambrian explosion and Ordovician biodiversification or Cambrian diversification and Ordovician explosion? - Zitteliana, **B 29**: 97.

P 141

SEUß, B., R.H. MAPES & A. NÜTZEL 2010

Cameral deposits in a sublethally damaged Carboniferous orthoconic nautiloid from the Buckhorn Asphalt *Lagerstätte* in Oklahoma, USA. - Zitteliana, **B 29**: 98.

P 141

SEUß, B., J. TITSCHACK & A. NÜTZEL 2010

Primary *versus* diagenetic isotope signals in *Pseudorthoceras* sp. from the Buckhorn Asphalt Quarry (Mid-Pennsylvanian, Oklahoma) - a detailed study of cameral deposits. - Zitteliana, **B 29**: 98.

P 141

SPINDLER, F. & J.W. SCHNEIDER 2010

Probleme und Hypothesen zur Evolution der Sphenacodontia (Synapsida). - Zitteliana, **B 29**: 99.

P 141

TEIMORI, A. & T. SCHULZ-MIRBACH 2010

Morphological differentiation of geographically separated populations of Arabian Killifish, *Aphanius dispar* (Rüppell, 1829) from Southern Iran. - Zitteliana, **B 29**: 99.

P 141

THUY, B., A.S. GALE & M. REICH 2010

A new echinoderm Lagerstätte from the Pliensbachian (Early Jurassic) of the French Ardennes. - Zitteliana, **B 29**: 100.

P 141

TINTORI, A. 2010

From Monte San Giorgio to Southern China: the Middle Triassic fishes under a new light. - Zitteliana, **B 29**: 100.

P 141

URDY, S., C.S. 2010

How do recurrent patterns of covariation in molluscan shells connect to growth dynamics? - Zitteliana, **B 29**: 100-101.

P 141

VARGAS, S., O. BREEDY & H.M. GUZMAN 2010

Repeated, independent range expansion/restriction pulses explain the diversity of the genus *Pacifigorgia* (Coelenterata, Octocorallia, Gorgoniidae) in the Galapagos Archipelago. - Zitteliana, **B 29**: 101.

P 141

VARGAS, S., C.S. 2010

Palaeo-trans-Antarctic connections in '*Polymastia invaginata*' (Porifera: Demospongiae)? A case study using ribosomal (28S) DNA markers - Zitteliana, **B 29**: 101.

P 141

VOGLER, C. 2010

Past current affairs: phylogeography of the crown-of-thorns starfish in the Indian Ocean. - Zitteliana, **B 29**: 102.

P 141

VOIGT, O. & G. WÖRHEIDE 2010

When morphology misleads: An example of problems with the taxonomy of extant Calcareous Sponges (Class Calcarea, Phylum Porifera). - Zitteliana, **B 29**: 102.

P 141

VOIGT, S., A. BROSIG & M. PREUßE 2010

Trace fossils from a pond in the rhaetoliassic Kamysh-Bashi Formation, SW-Kyrgyzstan. - Zitteliana, **B 29**: 103.

P 141

VOSS, M. 2010

Character evolution, homoplasy and interrelationships of Sirenia. - Zitteliana, **B 29**: 103.

P 141

WAPPLER, T., D. HUGHES & C.C. LABANDEIRA 2010

Ant-fungal parasitism - Ancient death-grip leaf scars from the Eocene of Central Europe. - Zitteliana, **B 29**: 104.

P 141

WILMSEN, M. 2010

Bivalve-dominated macrobenthic assemblage from the Upper Cenomanian (Cretaceous) of Saxony, Germany. - Zitteliana, **B 29**: 104-105.

P 141

WILMSEN, M. & E. NAGM 2010

Tempo of evolutionary change in the Early Turonian (Cretaceous) ammonite genus *Choffaticeras* Hyatt, 1903. - Zitteliana, **B 29**: 105.

P 141

WITZMANN, F. 2010

Morphological and histological changes of dermal scales during the fish-to-tetrapod transition. - Zitteliana, **B 29**: 106.

P 141

WOLFGRING, E., B. SCHENK & H. GEBHARDT 2010

Living in an extreme environment - Karpatian foraminiferal assemblages between marine and lacustrine influences in the Korneuburg Basin. - Zitteliana, **B 29**: 106.

P 141

XU, X., J.M. CLARK & C. SULLIVAN 2010

Jurassic dinosaurs from Asia: a review of recent discoveries. - Zitteliana, **B 29**: 107.

P 141

BALTHASAR, U., C.S. 2010

Aragonitic brachiopods in a calcite sea. - Zitteliana, **B 29**: 107.

P 141

BEIERL, S. & G.E. RÖSSNER 2010

New material of *Prosansanosmilus eggeri* (Barbourofelidae, Feliformia, Carnivora): taxonomic additions and ecologic implications. - Zitteliana, **B 29**: 107-108.

P 141

BUTZMANN, R. & TH. C. FISCHER 2010

Minimal age of *Nymphaea* subgenus *Lotos* is Upper Eocene. - Zitteliana, **B 29**: 108.

P 141

GIRARD, V., C.S. 2010

Amber of the Senckenberg Museum: old collections, recent acquisitions and research perspectives. - *Zitteliana*, **B 29**: 108-109.

P 141

HENGST, B., C.S. 2010

The molluscan-dominated benthic assemblages of the estuarine and shallow marine Upper Burdigalian deposits of the Korneuburg Basin in Lower Austria. - *Zitteliana*, **B 29**: 109.

P 141

SCHWARZ-WINGS, D. & G. FRITSCH 2010

Contents of old Tendaguru bamboo corsets from quarry IG revealed by computed tomography. - *Zitteliana*, **B 29**: 109.

P 141

SCHWERMANN, A.H. & TH. MARTIN 2010

Teilskelett eines Geotrypus (Mammalia, Talpidae) aus dem Oberoligozän von Enspel. - *Zitteliana*, **B 29**: 110.

P 141

WÖRHEIDE, G & M. KRINGS (eds.) 2011

Deep Metazoan phylogeny 2011. new data, new challenges. 11.-14. October 2011. Programme and abstracts. - *Zitteliana*, **B 30**, 78 pp.

P 141

ADAMSKI, M., C.S. 2011

Do developmental toolkits of the basal metazoans carry phylogenetic signal? - *Zitteliana*, **B 30**: 9.

P 141

ANISIMOVA, M. 2011

Fast and accurate evaluation of phylogenetic clade support. - *Zitteliana*, **B 30**: 9.

P 141

BÄUMLER, N., G. HASZPRUNAR & B. RUTHENSTEINER 2011

Overlap and appearance of the protonephridia and the metanephridial system in a mollusc. - *Zitteliana*, **B 30**: 10.

P 141

BECKERS, P. 2011

Nemertean nervous system: A comparative analysis. - *Zitteliana*, **B 30**: 10.

P 141

BERNT, M. & M. MIDDENDORF 2011

Rearrangement analysis for large sets of gene orders: Towards reconstructing the evolution of metazoan gene orders. - *Zitteliana*, **B 30**: 11.

P 141

- BÖHM, A. & G. PASS 2011
Neuroanatomy in apterygote insects: the brain of Diplura. - Zitteliana, **B 30**: 11.
P 141
- BÖHMER, C., C.S. 2011
Hox code and vertebral morphology in archosaurs. - Zitteliana, **B 30**: 12.
P 141
- BOUSSAU, B., C.S. 2011
Integrative models of genome evolution. - Zitteliana, **B 30**: 12.
P 141
- BRUGLER, M.R., C.S. 2011
A one-two punch: Anthozoans are characterized by extremely low rates of mitochondrial DNA sequence evolution and variable nuclear markers remain elusive. - Zitteliana, **B 30**: 13.
P 141
- BURMESTER, TH., J. BORNER & P. REHM 2011
A phylogenomic approach to arthropod relationships and divergence times. - Zitteliana, **B 30**: 13.
P 141
- CONRAD, T., C.S. 2011
Runtime optimisation of complex mixture models of phylobayes for large scale phylogenetic tree reconstruction using GPU's. - Zitteliana, **B 30**: 14.
P 141
- OLIVEIRA MARTINS, L. DE & D. POSADA 2011
Inference of species tree distribution using a probabilistic reconciliation cost. - Zitteliana, **B 30**: 14.
P 141
- DOHRMANN, M., C.S. 2011
Molecular paleobiology of early-branching animals: integrating DNA and fossils elucidates the evolutionary history of hexactinellid sponges. - Zitteliana, **B 30**: 15.
P 141
- DONOGHUE, PH. 2011
Reconciling fossils, molecules and morphology in deep metazoan phylogeny. - Zitteliana, **B 30**: 15.
P 141
- DÖRING, C., C.S. 2011
Molecular characterization of photoreceptor cells in *Macrostomum lignano* (Macrostomida, Plathelminthes). - Zitteliana, **B 30**: 16.
P 141
- EBERSBERGER, I., K. VOIGT & A. VON HAESELER 2011
A consistency-based reconstruction of the fungal tree of life. - Zitteliana, **B 30**: 16.
P 141

ERESKOVSKY, A., C.S. 2011

Morphogenesis in sponges and their phylogenetic significance. - Zitteliana, **B 30**: 17.
P 141

ERPENBECK, D., C.S. 2011

Horny sponges and their affairs: On the phylogenetic relationships of keratose sponges. - Zitteliana, **B 30**: 17.
P 141

FALLER, S. & R. LOESEL 2011

Neurophylogeny of molluscs. - Zitteliana, **B 30**: 18.
P 141

FEUDA, R., C.S. 2011

Distinguishing signal, noise and bias in early animal evolution: The difficult problem of the sponge phylogeny. - Zitteliana, **B 30**: 18.
P 141

FRITSCH, M. & S. RICHTER 2011

From a clam shrimp to a water flea: Evolutionary insights from developmental sequences in the nervous system of brachiopod larvae (Crustacea). - Zitteliana, **B 30**: 19.
P 141

FROMM, B., C.S. 2011

The miRNA complement of *Gyrodactylus salaris* (Platyhelminthes, Monogenea). - Zitteliana, **B 30**: 19.
P 141

GOLOMBEK, A., G. PURSCHKE & T.H. STRUCK 2011

Phylogenetic position of the interstitial annelid taxa *Apharyngtus punicus* and *Dinophilidae* of supposedly paedomorphic origin. - Zitteliana, **B 30**: 20.
P 141

GORBUNOV, K., C.S. 2011

An accurate algorithm of cubic complexity to build supertrees. - Zitteliana, **B 30**: 20.
P 141

GREENWOOD, J., C.S. 2011

Mapping metazoan morphospace. - Zitteliana, **B 30**: 21.
P 141

GROUSSIN, M., B. BOUSSAU & M. GOUY 2011

The COaLA Model: a time non-homogeneous model of evolution based on a correspondance analysis. - Zitteliana, **B 30**: 21.
P 141

GRUHL, A., C.S. 2011

Minicollagen expression supports homology of myxozoan and cnidarian organelles. - Zitteliana, **B 30**: 22.

P 141

HARTIG, G., C.S. 2011

The first sequenced genome of a twisted-wing parasite (Insecta: Strepsiptera) and its phylogenetic implications. - Zitteliana, **B 30**: 22.

P 141

HAUSDORF, B. 2011

Phylogenomic relationships between lophotrochozoan phyla - phylogenetic signal versus systematic errors. - Zitteliana, **B 30**: 23.

P 141

HEJNOL, A. 2011

Reconstructing the ground pattern of the Acoelomorpha - molecular patterning of the blind gut, nervous system and other features. - Zitteliana, **B 30**: 23.

P 141

HELM, C., C.S. 2011

On the phylogenetic position of Myzostomida - integrating molecules and morphology. - Zitteliana, **B 30**: 24.

P 141

HELM, C., C.S. 2011

Immunocytochemical analysis of neuronal patterns in Acoelomorpha. - Zitteliana, **B 30**: 24.

P 141

HOBMAYER, B. 2011

A WNT/SFRP signalling system acts in specification of the ancestral eumetazoan body axis. - Zitteliana, **B 30**: 25.

P 141

HUCHON, D., C.S. 2011

Illuminating the phylogenetic position of Myxozoa using next-generation sequencing. - Zitteliana, **B 30**: 25.

P 141

IVANENKO, V. 2011

Phylogeny and geographic distribution of deep-sea hydrothermal vent crustacean copepods of Dirivultidae (Siphonostomatoida). - Zitteliana, **B 30**: 26.

P 141

JANUSSEN, D. 2011

Evolutionary ecology of basic metazoans from a historical viewpoint: Palaeontological evidence of sponges. - Zitteliana, **B 30**: 26.

P 141

JENNER, R.A. 2011

Please mind the gaps: exploring the limits of our understanding of body plan evolution. - Zitteliana, **B 30**: 27.

P 141

KALLER, T., C.S. 2011

The “division of labour model” for cell type specialization in the evolution of annelid cerebral eyes. - *Zitteliana*, **B 30**: 27.

P 141

KAUL-STREHLOW, S. & TH. STACH 2011

The development of the mesoderm and associate structures in the hemichordate *Saccoglossus kowalevskii*: Left-right asymmetries in a non-chordate deuterostome. - *Zitteliana*, **B 30**: 28.

P 141

KLOPFSTEIN, S., C.S. 2011

How deep is the hymenopteran tree? A total-evidence approach to dating with fossils. - *Zitteliana*, **B 30**: 28.

P 141

KOCH, M., B. QUAST & TH. BARTOLOMAEUS 2011

Morphogenesis and homology of coeloms and nephridia in annelids and arthropods. - *Zitteliana*, **B 30**: 29.

P 141

KOSEVICH, I.A. 2011

Scyphozoan larva metamorphosis - phylogenetic consequences. - *Zitteliana*, **B 30**: 29.

P 141

KOSEVICH, I.A. 2011

Morphogenetic approach for the analysis of form diversity. - *Zitteliana*, **B 30**: 30.

P 141

KÜCK, P., B. MISOF & J.-W. WÄGELE 2011

Detection of bias in simulated and real data. - *Zitteliana*, **B 30**: 30.

P 141

LAUBICHLER, M.D. 2011

Reconstructing ancestors: The lessons from developmental evolution. - *Zitteliana*, **B 30**: 31.

P 141

LAVROV, D.V. 2011

Mitochondrial genomic diversity in non-bilaterian animals: implications for phylogeny and evolution. - *Zitteliana*, **B 30**: 31.

P 141

LEHMANN, T. & R.R. MELZER 2011

Retinula axons of Pycnogonida and their terminals in the visual neuropils: Ancestral chelicerate features? - *Zitteliana*, **B 30**: 32.

P 141

LIEB, B. 2011

What do DNA, RNA and proteins tell us about molluscan phylogeny?. - *Zitteliana*, **B 30**: 32.

P 141

LOESEL, R. 2011

Reviewing neurophylogeny: advances since the turn of the millenium. - Zitteliana, **B 30**: 33.
P 141

LOWE, C.J., A. PANI & S. DARRAS 2011

Uncoupling morphological and molecular evolution: deep deuterostome origins of the vertebrate head developmental program. - Zitteliana, **B 30**: 33.
P 141

LUNINA, A. & A. VERESHCHAKA 2011

Morphological phylogenetic analysis of vent shrimps: probable impact of geomorphology to speciation of hydrothermal fauna. - Zitteliana, **B 30**: 34.
P 141

MAAS, A., C.S. 2011

Deep crustacean phylogeny. - Zitteliana, **B 30**: 34.
P 141

MERKEL, J., A. WANNINGER & B. LIEB 2011

A morpho-molecular approach to assess phylogeny - first developmental data of Entoprocta. - Zitteliana, **B 30**: 35.
P 141

MEUSEMANN, K., C.S. 2011

Phylogeny of primary wingless hexapods: chances, challenges and pitfalls of “phylogenomic” approaches. - Zitteliana, **B 30**: 35.
P 141

MEYER, A. & B. LIEB 2011

Twenty ribosomal genes provide high resolution on deep molluscan phylogeny and the comparison of three laboratory sampling strategies. - Zitteliana, **B 30**: 36.
P 141

MWINYI, A. & L. PODSIADLOWSKI 2011

Variations on a theme - mitochondrial gene order and the phylogeny of Bilateria. - Zitteliana, **B 30**: 36.
P 141

NGUYEN, M.A.T., C.S. 2011

MISFITS: Evaluating the goodness of fit between a phylogenetic model and an alignment. - Zitteliana, **B 30**: 37.
P 141

NICKEL, M., C.S. 2011

Evolution of body contractility in early branching Metazoa - what morphology of Porifera and Placozoa tells us. - Zitteliana, **B 30**: 37.
P 141

Nosenko, T., F. Schreiber & G. Wörheide 2011

Early metazoan phylogeny: identifying obstacles and solutions. - Zitteliana, **B 30**: 38.
P 141

PENNERSTORFER, M. & S. GERHARD 2011
Early cleavage in Phoronida shows spiral features. - Zitteliana, **B 30**: 38.
P 141

PETERS, R.S., C.S. 2011
A new approach to process and phylogenetically analyze sequences from public databases, applied to infer the phylogeny of Hymenoptera. - Zitteliana, **B 30**: 39.
P 141

PETERSON, K.J. 2011
MicroRNAs and the evolution of metazoan complexity. - Zitteliana, **B 30**: 39.
P 141

PISANI, D., C.S. 2011
MicroRNA and phylogenomics congruently resolve the phylogenetic relationships of the Tardigrada within Ecdysozoa. - Zitteliana, **B 30**: 40.
P 141

PURSCHKE, G. 2011
Unpigmented ciliary photoreceptor cells and organs in Annelida - diversity and importance for in-group phylogenetic relationships. - Zitteliana, **B 30**: 40.
P 141

REHM, P., C.S. 2011
Dating the arthropod tree of life employing expressed sequence tags (ESTs). - Zitteliana, **B 30**: 41.
P 141

REMPE, U. 2011
Estimating the processes of evolutionary change of single characters by replacing character states with arrays of alternative characters. - Zitteliana, **B 30**: 41.
P 141

RICHTER, S. 2011
The role of morphology in evolutionary research. - Zitteliana, **B 30**: 42.
P 141

RIEGER, V., C.S. 2011
Development of the nervous system in hatchlings of *Spadella cephaloptera* (Chaetognata). - Zitteliana, **B 30**: 42.
P 141

RODRIGUEZ, E., C.S. 2011
Are sea anemones (Cnidaria, Actiniaria) monophyletic? First phylogenetic higher-level classification for the order. - Zitteliana, **B 30**: 43.
P 141

ROTA STABELLI, O ., C.S. 2011

Parallel codon usage and compositional bias in deep phylogenomic. - Zitteliana, **B 30**: 43.
P 141

RUTHENSTEINER, B., G. HASZPRUNAR & N. BÄUMLER 2011

Highly variable patterns in development of the metanephridial and coelomic system in molluscs. - Zitteliana, **B 30**: 44.
P 141

RYAN, J ., C.S. 2011

The genome of the ctenophore *Mnemiopsis leidyi* and its impact on our understanding of animal history. - Zitteliana, **B 30**: 44.
P 141

SCHIERWATER, B ., C.S. 2011

Can we resolve the base of the Netzoa: If yes, why not? - Zitteliana, **B 30**: 45.
P 141

SCHMIDT-RHAESA, A. & B.H. ROTHE 2011

The nervous system of Nemathelminthes - is the taxon Nemathelminthes valid? - Zitteliana, **B 30**: 45.
P 141

SCHUSTER, A., D. ERPENBECK & G. WÖRHEIDE 2011

Molecular phylogeny of lithistid sponges (Porifera: Demospongiae) supports resolution of patterns and timing of demosponge evolution. - Zitteliana, **B 30**: 46.
P 141

SHEN, H., A. BRABAND & G. SCHOLTZ 2011

Mitogenomic analysis of decapod phylogeny. - Zitteliana, **B 30**: 46.
P 141

SIMON, S. & H. HADRYN 2011

Pterygote phylogenomics: The evolutionary history of genes and their impact on the topology. - Zitteliana, **B 30**: 47.
P 141

SIMON-BLECHER, N ., C.S. 2011

Phylogeny of coral-inhabiting barnacles (Cirripedia; Thoracica; Pyrgomatidae) with a closer look at the *Savignium* group. - Zitteliana, **B 30**: 47.
P 141

STACH, TH. 2011

Phylogenetic patterns from morphogenetic processes. - Zitteliana, **B 30**: 48.
P 141

STACH, TH ., C.S. 2011

Hair cells in Tunicata: when did the lateral line evolve? - Zitteliana, **B 30**: 48.
P 141

STADLER, P.F. 2011

Molecular morphology: higher order characters derived from sequence data. - Zitteliana, **B 30**: 49.

P 141

STAMATAKIS, A. 2011

Fishing in the dark: Trying to identify rogue taxa. - Zitteliana, **B 30**: 49.

P 141

STEGNER, M.E.J., T. STEMME & S. RICHTER 2011

Morphology of the ventral nerve cord in Cephalocarida and Remipedia (Crustacea) and phylogenetic implications. - Zitteliana, **B 30**: 50.

P 141

STÖGER, I. & M. SCHRÖDL 2011

Alternative view on deep molluscan evolution. - Zitteliana, **B 30**: 50.

P 141

STUDER, R., C.S. 2011

Evolution of the epithelial sodium channel and the sodium pump are linked to the development of multicellularity in the Metazoan kingdom. - Zitteliana, **B 30**: 51.

P 141

ULRICH-LÜTER, E.M., C.S. 2011

Function and evolution of echinoid photoreceptors. - Zitteliana, **B 30**: 51.

P 141

VARGAS, S. & G. WÖRHEIDE 2011

Molecular phylogeny of the carnivorous sponge family Cladorhizidae implications for the systematics of Poecilosclerida. - Zitteliana, **B 30**: 52.

P 141

VOGT, L. 2011

Report on the activities of the International Zoomorphological Standards Consortium. - Zitteliana, **B 30**: 52.

P 141

VOGT, L. & P. GROBE 2011

Using the matrix module of Morph.D.Base for collaboratively editing character matrices live and online. - Zitteliana, **B 30**: 53.

P 141

VOIGT, O. & G. WÖRHEIDE 2011

Molecular phylogenies are in strong conflict with the current classification of calcareous sponges. - Zitteliana, **B 30**: 53.

P 141

DOEHREN, J. VON & TH. BARTOLOMAEUS 2011

Phylogenetic implications from photoreceptors in Nemertea. - Zitteliana, **B 30**: 54.

P 141

REUMONT, B.M. VON 2011

Discovering the evolution of pancrustaceans within arthropods: prospects and pitfalls of molecular methods including phylogenomic data. - Zitteliana, **B 30**: 54.

P 141

WEIGERT, A., C.S. 2011

Phylogenomic analyses of annelid phylogeny - the influence of adding new taxa. - Zitteliana, **B 30**: 55.

P 141

REBECCA, A., C.S. 2011

About wheels, thorns and trees - The phylogeny of Syndermata in the light of EST data. - Zitteliana, **B 30**: 55.

P 141

REBECCA, A., C.S. 2011

The phylogeny of Acanthocephala in the light of complete mitochondrial genome data. - Zitteliana, **B 30**: 56.

P 141

WILKINSON, M. & J. DAY 2011

Testing hard polytomies with partial splits. - Zitteliana, **B 30**: 56.

P 141

WÖRHEIDE, G. 2011

The status quo of higher-level metazoan phylogeny based on phylogenomic analyses. - Zitteliana, **B 30**: 57.

P 141

XIA, X. & Q. YANG 2011

DNA palindromes as a new and effective phylogenetic marker. - Zitteliana, **B 30**: 57.

P 141

YASUDA, N., C.S. 2011

Hidden parapatric speciation in the reef-building coral *Heliopora coerulea*. - Zitteliana, **B 30**: 58.

P 141

MOGHADDAM, F.Y., C.S. 2011

Tracing of Malaysian indigenous mahseers (cyprinids) phylogeny through partial sequences of cytochrome oxidase II gene. - Zitteliana, **B 30**: 58.

P 141

MOGHADDAM, F.Y., C.S. 2011

Estimating the phylogeny and divergence times of Malaysian *Puntius* using mitochondrial and nuclear genes. - Zitteliana, **B 30**: 59.

P 141