

## Publications

blue = popular science

- 380 Feichtinger I., Adnet S., Cuny G., Guinot G., Kriwet J., Neubauer T.A., J. Pollerspöck J., Shimada K., Straube N., Underwood C., Vullo R. & Harzhauser M. 2021. Comment on "An early Miocene extinction in pelagic sharks". *Science*, XX.
- 379 Harzhauser, M., Mandic, O., Strauss, P., Siedl, W., Auer, G., Piller W.E. 2021. New approach of calculating dissolved marine oxygen values based on a revised Benthic Foraminifera Oxygen Index. *Scientific Reports*, XX.
- 378 Adnet S., Feichtinger I., Harzhauser M. & Pollerspöck J. 2021. A mesopelagic selachian fauna from Middle Eocene of St. Pankraz (Austria) reveals homogeneity in deep marine environments during the warm period in Europe. *Neues Jahrbuch für Geologie und Paläontologie*, 301, 25–63. <https://doi.org/10.1127/njgpa/2021/0996>
- 377 Collareta, A., Harzhauser, M., Rasser, M. 2021. New and overlooked occurrences of the rarely reported protochelonibiine "turtle" barnacles from the Oligocene and Miocene of Europe. *PalZ*, XX, XX–XX. <https://doi.org/10.1007/s12542-021-00576-5>
- 376 Filek, T., Felix Hofmayer, F., Feichtinger, I., Berning, B., Pollerspöck, J., Zwicker, J., Daniel Smrzka, D., Peckmann, J., Kranner, M., Mandic, O., Reichenbacher, B., Kroh, A., Uchman, A., Roetzel, R., Harzhauser, M. 2021. Environmental conditions during the late Oligocene transgression in the North Alpine Foreland Basin (Eferding Formation, Egerian) – a multidisciplinary approach. *Palaeogeography, Palaeoclimatology, Palaeoecology*, 580, 110527. <https://doi.org/10.1016/j.palaeo.2021.110527>
- 375 Harzhauser, M. 2021. The Cainozoic to present-day record of Circum-Mediterranean, NE Atlantic and North Sea Cantharidinae and Trochinae (Trochoidea, Gastropoda) – a synopsis. *Zootaxa*, 4902 (1), 001–081, <https://www.mapress.com/j/zt/>
- 374 Harzhauser, M., Landau, B. 2021. An overlooked diversity – the Costellariidae (Gastropoda) of the Miocene Paratethys Sea. *Zootaxa*, 4983, 1–70. <https://doi.org/10.11646/zootaxa.4982.1.1>
- 373 Harzhauser, M., Landau, B. 2021. The Columbelloidea (Gastropoda, Buccinoidea) of the Miocene Paratethys Sea. *Zootaxa*, 5025, 1–75. <https://doi.org/10.11646/zootaxa.5025.1.1>
- 372 Harzhauser, M., Landau, B. 2021. The Mitridae (Gastropoda) of the Miocene Paratethys Sea. *Zootaxa*, 4983, 1–72. <https://doi.org/10.11646/zootaxa.4983.1.1>
- 371 Harzhauser, M., Neubauer, T.A. 2021. A review of the land snail faunas of the European Cenozoic – composition, diversity and turnovers. *Earth-Science Reviews*, 217, 103610. <https://doi.org/10.1016/j.earscirev.2021.103610>
- 370 Jovanovic-Kruspel, S., Harzhauser, M. 2021. Nineteenth-century paleontological art in the Natural History Museum Vienna, Austria: Between demystification and mythologization, in Clary, R.M., Rosenberg, G.D., and Evans, D.C., eds., *The Evolution of Paleontological Art: Geological Society of America Memoir* 218, 1–8. [https://doi.org/10.1130/2021.1218\(13\)](https://doi.org/10.1130/2021.1218(13))
- 369 Kranner, M., Harzhauser, M., Mandic, O., Strauss, P., Siedl, W., Piller, W.E. 2021. Trends in temperature, salinity and productivity in the Vienna Basin (Austria) during the early and middle Miocene, based on foraminiferal ecology. *Palaeogeography, Palaeoclimatology, Palaeoecology*, 581, 110640. <https://doi.org/10.1016/j.palaeo.2021.110640>
- 368 Kranner, M., Harzhauser, M., Mandic, O., Strauss, P., Siedl, W., Piller, W.E. 2021. Early and middle Miocene paleobathymetry of the Vienna Basin (Austria). *Marine and Petroleum Geology*, 132, 105187. <https://doi.org/10.1016/j.marpetgeo.2021.105187>
- 367 Neubauer, T.A., Hauffe, T., Silvestro, D., Schauer, J., Kadolsky, D., Wesselingh, F., Harzhauser, M., Wilke, T. 2021. Current extinction rate in European freshwater gastropods greatly exceeds that of the late Cretaceous mass extinction. *Communications Earth & Environment*. COMMSENV-20-0580B
- 366 Palópolo, E.E., Kroh, A., Harzhauser, M., Griffin, M., Casadio, S., Carmona, N. 2021. Early Miocene spatangoid assemblage in a submarine volcanic ash dune from Patagonia (Argentina)". *Journal of South American Earth Sciences*, 108, 103214. <https://doi.org/10.1016/j.jsames.2021.103214>
- 365 Reuter, M., Harzhauser, M., Piller, W.E. 2021. The role of sea-level and climate changes in the assembly of Sri Lankan biodiversity: A perspective from the Miocene Jaffna Limestone. *Gondwana Research*, 91, 152–165. <https://doi.org/10.1016/j.gr.2020.12.014>
- 364 Ruman, A., Čorić, S., Halássová, E., Harzhauser, M., Hudáčková, N., Jamrich, M., Palzer-Khomenko, M., Kranner, M., Mandic, O., Radionova, E.P., Rybár, S., Šimo, V., Šujan, M., Kováč, M. 2021. The "Rzehakia beds" on the northern shelf

- of the Pannonian Basin: biostratigraphic and palaeoenvironmental implications. *Facies* 67/1. <https://link.springer.com/article/10.1007/s10347-020-00609-6>
- 363 Göhlich U., Harzhauser, M., Mair, A., Höbart, K. 2021. Augmented Reality Dino Show. in: Ott, I. (Ed.) Deck 50 – Partizipation als Raumkonzept. p. 26–27, Verlag des Naturhistorischen Museums Wien, Wien.
- 362 Harzhauser, M. (2021). Paratethys. In: Feichtinger I. & Pollerspöck J. (eds) Haie im Alpenvorland – Fossile Zeugen eines verschwundenen Paradieses. Xx pp., Anton Pustet Verlag.
- 361 Harzhauser, M. 2021. Das längste "Nashorn". *Die Münze*, 03/2021, 22-25.
- 360 Harzhauser, M. 2021. Die längsten Krallen. *Die Münze*, 02-2021, 18-21.
- 359 Hofmann, T., Harzhauser, M. 2021. Eduard Suess: gefeierter Geologe, engagierter Wissenschaftler. *der Standard, Blog*, 21. August, 10:00. <https://www.derstandard.at/story/2000129054578/eduard-suess-gefeierter-geologe-engagierter-wissenschaftler>
- 358 Hofmann, T., Harzhauser, M. 2021. *Wiener Naturgeschichten Vom Museum in die Stratosphäre*. 233 pp., Böhlau Verlag, Wien. ISBN: 978-3-205-21383-3
- 357 Hofmann, T., Harzhauser, M. 2021. Wissenschaftsgeschichte(n). Urban Mining in Wien – eine wortwörtliche Spurensuche. *der Standard, Blog*, 24. Juni 2021, 07:00 Uhr. <https://www.derstandard.at/story/2000127641085/urban-mining-in-wien-eine-wortwoertliche-spurensuche>
- 356 Hofmann, T., Harzhauser, M. 2021. Wissenschaftsgeschichte(n). Wiener Walsichtungen. *der Standard, Blog*, 28. Mai 2021, 07:00 Uhr. <https://www.derstandard.at/story/2000126806414/wiener-walsichtungen>
- 355 Jovanovic-Kruspel, S., Harzhauser, M. 2021. Dinosaurs in the sculptures of the Natural History Museum Vienna. in: Mair, A., Göhlich, U.B., Richter, A., Hercenberger, D., Kroh, A. (Eds) *CineSaurus – Fiction & Science*, 34–35, Verlag des Naturhistorischen Museums Wien, Wien.
- 354 Jovanovic-Kruspel, S., Harzhauser, M. 2021. Saurier im Figurenprogramm des Naturhistorischen Museums Wien. in: Mair, A., Göhlich, U.B., Richter, A., Hercenberger, D., Kroh, A. (Eds) *KinoSaurier – Fantasie & Forschung*, 34–35, Verlag des Naturhistorischen Museums Wien, Wien.
- 
- 353 Carobene, D., Meyer, M.C., Spötl, C., Roetzel, R., Göhlich, U.B., Mandic, O., Harzhauser, M., Wimmer-Frey, I., Auer, F. 2020. An interdisciplinary study of the sediment succession of Bullendorf in Lower Austria: a Late Pleistocene mammoth site. *Quaternary International*, 542, 15–29, <https://doi.org/10.1016/j.quaint.2020.02.022>
- 352 Feichtinger, I., Pollerspöck J., Harzhauser M. 2020. A new species of the enigmatic shark genus *Nanocetorhinus* (Chondrichthyes) from the Oligocene of Austria with palaeoceanographic implications. *Austrian Journal of Earth Sciences*, 113/2, 229–236. <https://doi.org/10.17738/ajes.2020.0014>
- 351 Harzhauser, M. 2020. Der "härteste" Dinosaurier. *Die Münze*, 03-2020, 11-12.
- 350 Harzhauser, M. 2020. Die längsten Zähne. *Die Münze*, 04-2020, 10-13.
- 349 Harzhauser, M., Kranner, M., Mandic, O., Strauss, P., Siedl, W., Piller, W.E. 2020. Miocene lithostratigraphy of the northern and central Vienna Basin (Austria). *Austrian Journal of Earth Sciences*, 113, 169–200. <https://orcid.org/0000-0002-4471-6655>
- 348 Harzhauser, M., Mandic, O., Nordsieck, H., Neubauer, T.A. 2020 (online 2018). A new *Helicidae* (Gastropoda) from the middle Miocene of Bosnia and Herzegovina, with a revision of the genus *Paradrobacia*. *Palaeobiodiversity and Palaeoenvironments*, 100, 551–559. <https://doi.org/10.1007/s12549-018-0344-1>
- 347 Harzhauser, M., Neubauer, T.A., Nordsieck, H., Marigó, J., Minwer-Barakat, R. 2020. Late Eocene non-marine gastropods from Roc de Santa (Spanish Pyrenees). *Archiv für Molluskenkunde – International Journal of Malacology*, 149/1, 13–47. <https://doi.org/10.1127/arch.moll/149/013-047>
- 346 Landau, B.M., Breitenberger, A., Harzhauser, M. 2020. *Rotatrigonostoma reinholdkunzi*, gen. nov., spec. nov., an elusive trigonostomid group unveiled (Gastropoda, Cancellariidae). *Basteria*, 84, 135–140.
- 345 Lukeneder, A., Lukeneder, P., Harzhauser, M. 2020. The St. Veit Klippen Unit in Vienna – Jurassic to Cretaceous biostratigraphy and facies. *Austrian Journal of Earth Sciences Vienna* 113/2, 251–274. <https://doi.org/10.17738/ajes.2020.0016>
- 344 Mandic, O., Harzhauser, M., Neubauer T.A. 2020. Taxonomy, paleoecology and stratigraphy of the middle Miocene mollusk fauna from Gračanica coal pit near Bugojno in central Bosnia and Herzegovina. *Palaeobiodiversity and Palaeoenvironments*, 100, 519–549. <https://doi.org/10.1007/s12549-020-00423-6>
- 343 Mandic, O., Schneider, S., Harzhauser, M., Danninger, W. 2020. Bivalves from the Innviertel Group of Allerding in the North Alpine Foreland Basin (lower Miocene, Upper Austria). *Neues Jahrbuch für Geologie und Paläontologie, Abhandlungen*. 297/1, 47–100. <https://doi.org/10.1127/njgpa/2020/0914>

- 342 Neubauer, T.A., Mandic, O., Jovanovic, G. & Harzhauser, M. 2020. The Serbian Lake System: A stepping stone for freshwater molluscs in the middle Miocene. *Papers in Palaeontology*, 6, 533–569. <https://doi.org/10.1002/spp2.1308>
- 341 Reuter, M., Piller, W.E., Harzhauser, M. 2020. Coastal landscape evolution in the Wilpattu National Park (NW Sri Lanka) linked to changes in sediment supply and rainfall across the Pleistocene-Holocene transition. *Geological Journal*, 55, 6642–6656. <https://doi.org/10.1002/gj.3826>
- 340 Sant, K., Kuiper, K.F., Rybár, S., Grunert, P., Harzhauser, M., Mandic, O., Jamrich, M., Šarinová, K., Hudáčková, N., Krijgsman, W. 2020.  $^{40}\text{Ar}/^{39}\text{Ar}$  geochronology using high sensitivity mass spectrometry: Examples from middle Miocene horizons of the Central Paratethys. *Geologica Carpathica*, 71/ 2, 166–182. <https://doi.org/10.31577/GeolCarp.71.2.5>
- 339 Siedl, W., Strauss, P., Sachsenhofer, R.F., Harzhauser, M., Kuffner, T., Kranner, M. 2020. Revised Badenian (middle Miocene) depositional systems of the Austrian Vienna Basin based on a new sequence stratigraphic framework. *Austrian Journal of Earth Sciences*, 113/1, 87–110, <https://doi.org/10.17738/ajes.2020.0006>
- 338 Vescogni, A., Vertino, A., Bosellini, F.R., Harzhauser, M., Mandic, O., (online 2018). The onset and evolution of the Miocene phosphatic hardground of Salento (S Italy) unlocked by its coral-mollusc fossil archive. *Facies*, 64, 7, <https://doi.org/10.1007/s10347-018-0520-9>
- 337 Yasuhara, M, Hong, Y., Tian, S.Y., Chong, W.K., Ching Chu, R.W., Okahashi, H., Reuter, M., Piller, W.E., Harzhauser, M. 2020. Early Miocene marine ostracods from southwestern India: Implications for their biogeography and the closure of the Tethyan Seaway. *Journal of Paleontology*, 94, Supplement S80, 1–36. <https://doi.org/10.5061/dryad.Orxwdbrrw>
- 
- 336 Feichtinger, I., Kranner, M., Rupp, C., Harzhauser, M. 2019. A new outer neritic elasmobranch assemblage from the Egerian (late Oligocene) of the North Alpine Foreland Basin (Austria). *Neues Jahrbuch für Geologie und Paläontologie, Abhandlungen*, 293, 1–17. <https://doi: 10.1127/njgpa/2019/0828>
- 335 Harzhauser, M., Landau B. 2019. Turritellidae (Gastropoda) of the Miocene Paratethys Sea with considerations about turritellid genera. *Zootaxa*, 4681, 001–136. <https://doi.org/10.11646/zootaxa.4681.1.1>
- 334 Harzhauser, M., Neubauer, T., Schmitsberger, O. 2019. The gastropod fauna from the opalite of the late Miocene Lake Tschaterberg (Austria). *Jahrbuch der Geologischen Bundesanstalt*, 159, 163–173.
- 332 Harzhauser, M., Theobalt, D., Strauss, P., Mandic, O., Piller, W. E. 2019 (online 2018). Seismic-based lower and middle Miocene stratigraphy in the northwestern Vienna Basin (Austria). *Newsletter on Stratigraphy*, 52, 221–224. <https://doi: 10.1127/nos/2018/0490>
- 332 Kranner, M., Harzhauser, M., Rögl, F., Ćorić, S., Strauss, P. in 2019. Biostratigraphic constraints for a Lutetian age of the subsurface Harrersdorf Unit in the northern Vienna Basin (Austria). *Geologica Carpathica*, 70, 405–417. <https://doi: 10.2478/geoca-2019-0023>
- 331 Neubauer, T.A., Jochum, A., Páll-Gergely, B., Harzhauser, M. 2019. Striking case of convergence – alleged marine gastropods in Cretaceous Burmese amber are terrestrial cyclophoroids. *Comment on Yu et al. Palaeoworld*. 28/4, 572–575. <https://doi.org/10.1016/j.palwor.2019.05.015>
- 330 Reuter, M., Bosellini, F. R., Budd A. F., Ćorić, S., Piller, W. E., Harzhauser, M., 2019. High coral reef connectivity across the Indian Ocean is revealed 6–7 Ma ago by a turbid-water scleractinian assemblage from Tanzania (Eastern Africa). *Coral Reefs*. *Coral Reefs*, 38, 1023–1037. <https://doi.org/10.1007/s00338-019-01830-8>
- 329 Thivaïou, D., Harzhauser, M. & Koskeridou, E. 2019. Early Miocene Gastropods from the Felli Section (Proto-Mediterranean Sea, NW Greece). *Geodiversitas*, 41, 323–366. <https://doi.org/10.5252/geodiversitas2019v41a8>
- 328 Xafis, A., Tsoukala, E., Solounias, N., Mandic, O., Harzhauser, M., Grímsson, F., Nagel, D. 2019. Fossil Giraffidae (Mammalia, Artiodactyla) from the late-Miocene of Thermopigi (Macedonia, Greece). *Palaeontologia Electronica* 22.3.68 1–38. [https://doi.org/10.26879/889\\_palaeo-electronica.org/content/2019/articles/2784-giraffidae-of-thermopigi](https://doi.org/10.26879/889_palaeo-electronica.org/content/2019/articles/2784-giraffidae-of-thermopigi)
- 327 Harzhauser, M. 2019. *12 Super Saurier – 12 Münzen. Sammelalbum Münze Österreich*, 40 pp., Wien.
- 326 Harzhauser, M., Kroh, A., Scheuer, C. 2019. Constantin Ettingshausen – Pionier der Paläobotanik und seine 148 Jahre alte „Neue“ Sammlung. *Universum Magazin*, 9, Das Naturhistorische, Herbst 2019, 10–11.
- 325 Kroh, A., Harzhauser, M., Haring, E. 2019. MicroMus: Eine Schatztruhe wird geöffnet. 2019. *Universum Magazin*, 3, Das Naturhistorische, Frühling 2019, 10–11.
- 324 Hofmann, T., Harzhauser, M., Roetzel, R. 2019. *Meeresstrand und Mammutwiese. Geologie und Paläontologie des Weinviertels. Edition Winkler-Hermaden*. 138 pp. ISBN: 978-3-9504625-5-5.
-

- 323 Harzhauser, M., Raven, H., Landau, B.M., Kocsis, L., Adnan, A., Zuschin, M., Mandic, O., Briguglio, A. 2018. Late Miocene gastropods from northern Borneo (Brunei Darussalam, Seria Formation). *Palaeontographica A*, 313, 1–69. <https://doi.org/10.1127/pala/2018/0077>
- 322 Carobene, D., Harzhauser, M., Mandic, O., Gatto, R. 2018. Taxonomy and palaeoecology of continental Gastropoda (Mollusca) from the Late Pleistocene mammoth-bearing site of Bullendorf in NE Austria. *Rivista Italiana di Paleontologia e Stratigrafia (Research in Paleontology and Stratigraphy)*, 124, 509–534. <https://doi.org/10.13130/2039-4942/10616>.
- 321 Doubrawa, M., Gross, M., Harzhauser M. 2018. Life in the fluvial hinterland of the late Sarmatian Sea (middle Miocene): a rare terrestrial fossil site in the Styrian Basin (Austria). *Geologica Carpathica*, 69, 30–50. <https://doi.org/10.1515/geoca-2018-0003>
- 320 Harzhauser M., Kroh, A. 2018. “To the realm of nature and its exploration” – the paleontological collections of the Natural History Museum Vienna. In: Joger, U. (Eds.). *Palaentological Collections in Germany, Austria and Switzerland. The History of Life of Fossil Organisms at Museums and Universities*, chapter 53, 513–523, ISBN 978-3-319-77400-8
- 319 Harzhauser, M., Neubauer, T.A., Hoşgör, I. 2018. Oligocene-Miocene freshwater gastropods from the Oltu-Narman Basin in eastern Turkey. *Acta Palaeontologica Polonica*, 63 (2), 357–369. <https://doi.org/10.4202/app.00469.2018>
- 318 Harzhauser, M., Grunert, P., Mandic, O., Lukeneder, P., García Gallardo, Á., Neubauer, T.A., Carnevale, G., Landau, B.M., Sauer, R., Strauss, P. 2018. Middle and Late Badenian palaeoenvironments in the northern Vienna Basin and their potential link to the Badenian Salinity Crisis. *Geologica Carpathica*, 69, 129–168. <https://doi.org/10.1515/geoca-2018-0009>.
- 317 Harzhauser, M., Mandic, O., Kranner, M., Lukeneder, P., Kern, A.K., Gross, M., Carnevale, G., Jawecki, C. 2018. The Sarmatian/Pannonian boundary at the western margin of the Vienna Basin (City of Vienna, Austria). *Austrian Journal of Earth Sciences*, 111, 26–247, <https://doi.org/10.17738/ajes.2018.0003>
- 316 Harzhauser, M., Neubauer, T.A. 2018. Opole (Poland) – a key locality for middle Miocene terrestrial mollusc faunas. *Bulletin of Geoscience*, 93(1), 71–146. <https://doi.org/10.3140/bull.geosci.1692>
- 315 Harzhauser, M., Theobalt, D., Strauss, P., Mandic, O., Carnevale, G., Piller, W.E. 2017 (printed 2018). Miocene biostratigraphy and paleoecology of the Mistelbach Halfgraben in the northwestern Vienna Basin (Lower Austria). *Jahrbuch der Geologischen Bundesanstalt*, 157, 163–173.
- 314 Koeberl, C., Brandstätter, F., Harzhauser, M., and Riedl-Dorn, C., 2018, History and importance of the geoscience collections at the Natural History Museum Vienna. In: Rosenberg, G.D., Clary, R.M., eds., *Museums at the Forefront of the History and Philosophy of Geology: History Made, History in the Making: Geological Society of America Special Paper*, 535, 131–161, [https://doi.org/10.1130/2018.2535\(09\)](https://doi.org/10.1130/2018.2535(09))
- 313 Puttonen, A., Harzhauser, M., Puttonen, E., Mandic, O., Székely, B., Molnár, G., Pfeifer, N. 2018. Automatic determination of 3D orientations of fossilized oyster shells from a densely packed Miocene shell bed. *International Journal of Earthscience*, 107, 2125–2142. <https://doi.org/10.1007/s00531-018-1591-0>
- 
- 312 Bernor, R., Göhlich, U.B., Harzhauser, M., Semprebon, G.M. 2017. The Pannonian C hipparions from the Vienna Basin. *Palaeogeography, Palaeoclimatology, Palaeoecology*, 476, 28–41. <https://doi.org/10.1016/j.palaeo.2017.03.026>.
- 311 Colombero, S., Alba, D.M., d’Amico, C., Delfino, M., Esu, D., Giuntelli, P., Harzhauser, M., Mazza, P.P.A., Mosca, M., Neubauer, T.A., Pavia, G., Pavia, M., Villa, A., Carnevale, G. 2017. Late Messinian mollusks and vertebrates from Moncucco Torinese, north-western Italy. Paleocological and paleoclimatological implications. *Palaeontologia Electronica* 20.1.10A, 1–67. [palaeo-electronica.org/content/2017/1749-moncucco-torinese-paleoecology](http://palaeo-electronica.org/content/2017/1749-moncucco-torinese-paleoecology).
- 310 Daxner-Höck, G., Badamgarav, D., Barsbold, R., Bayarmaa, B., Erbajeva, M., Göhlich, U. B., Harzhauser, M., Höck, V., Höck, E., Ichinnorov, N., Khand, Y., Lopez-Guerrero, P., Maridet, O., Neubauer, T., Oliver, A., Piller, W.E., Tsoigtbaatar, K., Ziegler, R. 2017 (online 2016). Oligocene Stratigraphy across the Eocene and Miocene boundaries in the Valley of Lakes (Mongolia). *Palaeobiodiversity and Palaeoenvironments*, 97, 111–218. <https://doi.org/10.1007/s12549-016-0257-9>.
- 309 Djuricic, A., Dorninger, P., Nothegger, C., Harzhauser, M., Székely, B., Rasztovits, S. 2017 (online 2016). High resolution 3D surface modeling of a fossil oyster reef. *Geosphere*, 12, 1457–1477. <https://doi.org/10.1130/GES01282.1>
- 308 Harzhauser, M., Neubauer, T.A., Bussert, R., Eisawi, A.A.M. 2017. Ampullariid gastropods from the Palaeogene Hudi Chert Formation (Republic of the Sudan). *Journal of African Earth Sciences*, 129, 338–345. <https://doi.org/10.1016/j.jafrearsci.2017.01.02>.
- 307 Harzhauser, M., Reuter, M., Mohtat, T., Piller, W.E. 2017. Early Miocene reef- and mudflat associated gastropods from Makran (SE-Iran). *PalZ*, 91, 519–539, <https://doi.org/10.1007/s12542-017-0354-8>

- 306 Harzhauser, M., Daxner-Höck, G., Erbajeva, M.A., López-Guerrero, P., Maridet, O., Oliver, A., Piller, W.E., Göhlich, U.B., Ziegler, R. 2017 (online 2016). Oligocene and early Miocene mammal biostratigraphy of the Valley of Lakes in Mongolia. *Palaeobiodiversity and Palaeoenvironments*, 97, 219–231, <https://doi.org/10.1007/s12549-016-0259-7>
- 305 Harzhauser, M., Landau, B.M., Breitenberger, A. 2017. The false limpet *Siphonaria* in the circum-Tethyan Miocene with emphasis on its occurrence in the Paratethys Sea. *Annalen des Naturhistorischen Museums Wien, Serie A*, 119, 115–130.
- 304 Hyžný, M., Kroh, A., Ziegler, A., Anker, A., Košťák, M., Schlögl, J., Culka, A., Jagt, J.W.M., Fraaije, R.H.B., Harzhauser, M., van Bakel, B.W.M. & Ruman, A. 2017. Comprehensive analysis and reinterpretation of Cenozoic mesofossils reveals ancient origin of the snapping claw of alpheid shrimps. *Scientific Reports*, 7, 4076, 1–10, <https://doi.org/10.1038/s41598-017-02603-5>
- 303 La Perna, R., Mandic, O., Harzhauser, M. 2017. Systematics and palaeobiogeography of *Megacardita* Sacco, 1899 from the Neogene of Europe (Bivalvia, Carditidae). *Papers in Palaeontology*, 3, 111–150. <https://doi.org/10.1002/spp2.1072>
- 302 Neubauer, T.A., Harzhauser, M., Mandic, O., Jovanović, G. 2017. The late middle Miocene non-marine mollusk fauna of Vračević (Serbia): filling a gap in Miocene land snail biogeography. *Bulletin of Geoscience*, 91(4), 731–778, <https://doi.org/10.3140/bull.geosci.1639>
- 301 Neubauer, T.A., Mandic, O., Harzhauser, M., Jovanović, G. 2017. The discovery of *Bulinus* (Pulmonata: Planorbidae) in a Miocene palaeolake in the Balkan Peninsula. *Journal of Molluscan Studies* 83 (3), 295–303. <https://doi.org/10.1093/mollus/eyx015>
- 300 Richoz, S., Baldermann, A., Frauenwallner, A., Harzhauser, M., Daxner-Höck, G., Klammer, D., Piller, W.E. 2017. Geochemistry and mineralogy of Oligocene and early Miocene sediments from the Valley of Lakes (Mongolia). *Palaeobiodiversity and Palaeoenvironments*, 97, 233–258. <https://doi.org/10.1007/s12549-016-0268-6>
- 299 Zuschin, M., Nawrot, R., Harzhauser, M., Mandic, O., Tomašových, A. 2017. Taxonomic and numerical sufficiency in depth- and salinity-controlled marine paleocommunities. *Paleobiology*, 43, 463–468, <https://doi.org/10.1017/pab.2016.49>
- 298 Hofmann, T., Harzhauser, M. 2017. *Haie, Goethe und die Gurken. Zwei schräge Naturwissenschaftler auf Expedition durch das heutige Wien 160 pp.*, Metro-Verlag, Wien. ISBN 978-3-99300-287-9.
- 297 Harzhauser, M., Lukeneder, A., Göhlich, U.B., Kroh, A., Nichterl, T., Mandic, O. 2011. *Dinosaurier - Die Schrecklichen Echsen der Urzeit (Saalführer). 2. Auflage, 44 pp.*, Naturhistorisches Museum Wien, ISBN 978-3-903096-18-9.
- 296 Harzhauser, M., Göhlich, U., Mandic, O. 2017. CSI Mammut: Zu wem gehörten die Stoßzähne von Bullendorf? *Universummagazin 12, Das Naturhistorische*, 106–107.
- 295 Harzhauser, M., Lenhardt, W. 2017. Shaking Earth – Erdbeben goes Public! *Universummagazin 12, Das Naturhistorische*, 108–109.
- 
- 294 Daxner-Höck, G., Harzhauser, M., Göhlich, U.B. 2016 (online 2015). Fossil record and dynamics of late Miocene small mammal faunas of the Vienna Basin and adjacent basins, Austria. [Registre fossile et dynamique des faunes de micromammifères du Miocène supérieur du bassin de Vienne et des bassins adjacents, Autriche]. *Comptes Rendus Palevol*, 15, 855–862. <https://doi.org/10.1016/j.crpv.2015.06.008>
- 293 Djuricic, A., Puttonen, E., Harzhauser, M., Mandic, O., Székely, B., Pfeifer, N., 2016. 3D central line extraction of fossil oyster shells. *The ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Science*, III–5, 121–128. <https://doi.org/10.5194/isprs-annals-III-5-121-2016>
- 292 García-Ramos, D.A., Albano, P.G., Harzhauser, M., Piller, W.E., Zuschin, M. 2016. High dead-live mismatch in richness of molluscan assemblages from carbonate tidal flats in the Persian (Arabian) Gulf. *Palaeogeography, Palaeoclimatology, Palaeoecology*, 457, 98–108. <https://doi.org/10.1016/j.palaeo.2016.06.006>
- 291 Georgopoulou, E., Neubauer, T.A., Harzhauser, M., Kroh, A., Mandic, O. 2016. Distribution patterns of European lacustrine gastropods – a result of environmental factors and deglaciation history. *Hydrobiologia*, 775, 69–82. <https://doi.org/10.1007/s10750-016-2713-y>
- 290 Georgopoulou, E., Neubauer, T.A., Strona, G., Kroh, A., Mandic, O., Harzhauser, M. 2016. Beginning of a new age: How did freshwater gastropods respond to the Quaternary climate change in Europe? *Quaternary Science Reviews*, 149, 269–278. <https://doi.org/10.1016/j.quascirev.2016.07.034>
- 289 Grunert, P., Harzhauser, M., Rosenthal, Y., Carnevale, G. 2016. Estuarine Lago Mare fauna from the Tertiary Piedmont Basin indicates episodic Atlantic/Mediterranean exchange during the final stage of the Mediterranean Salinity Crisis. *Palaeogeography, Palaeoclimatology, Palaeoecology*, 457, 70–79. <https://doi.org/10.1016/j.palaeo.2016.06.005>
- 288 Harzhauser, M., Landau, B.M. 2017. A revision of the Neogene Conidae and Conorbidae (Gastropoda) of the Paratethys Sea. *Zootaxa*, 4210, 1–178.

- 287 Harzhauser, M., Djuricic, A., Mandic, O., Neubauer, T.A., Zuschin, M., Pfeifer, N. 2016. Age structure, carbonate production and shell loss rate in an Early Miocene reef of the giant oyster *Crassostrea gryphoides*. *Biogeoscience*, 13, 1223–1235. <https://doi.org/10.5194/bg-13-1223-2016>.
- 286 Harzhauser, M., Mandic, O., Büyükeriç, Y., Neubauer, T.A., Kadolsky, D., Landau, B.M. 2016. A Rupelian mangrove swamp mollusc fauna from the Thrace Basin in Turkey. *Archiv für Molluskenkunde*, 145, 23–58. <https://doi.org/10.1127/arch.moll/1869-0963/145/023-058>
- 285 Harzhauser, M., Mandic, O., Neubauer, T.A., Georgopoulou, E., Hassler, A. 2016 (online 2015). Disjunct distribution of the Miocene limpet-like freshwater gastropod genus *Delminiella*. *Journal of Molluscan Studies*, 82, 129–136. <https://doi.org/10.1093/mollus/eyv040>.
- 284 Harzhauser, M., Neubauer, T.A., Kadolsky, D., Pickford, M. 2016 (online 2015). Terrestrial and lacustrine gastropods from the Priabonian (upper Eocene) of the Sultanate of Oman (with a contribution on the Clausilioidea by Hartmut Nordsieck). *Paläontologische Zeitschrift*, 90, 63–99. <https://doi.org/10.1007/s12542-015-0277-1>
- 283 Harzhauser, M., Daxner-Höck, G., López-Guerrero, P., Maridet, O., Oliver, A., Piller, W.E., Richoz, S., Erbajeva, M.A., Neubauer, T.A., Göhlich, U.B. 2016. Stepwise onset of the Icehouse world and its impact on Oligo-Miocene Central Asian mammals. *Scientific Reports*, 6, 36169. <https://doi.org/10.1038/srep36169>
- 282 Hyžný, M., Mandic, O., Harzhauser, M., Ledvák, P. 2016. Euryhaline preferences of the decapod crab *Mioplox socialis* enabled it to survive during the Badenian/Sarmatian extinction (Miocene) in the Central Paratethys. *Geologica Carpathica*, 67, 165–176. <https://doi.org/10.1515/geoca-2016-0011>.
- 281 Jochum, A., Neubauer, T.A., Harzhauser, M. 2016 (online 2015). Microstructural details in shells of the genera *Carychiella* and *Carychium* (Eupulmonata, Ellobioidea, Carychiinae) of the Middle Miocene. *Lethaia*, 49, 87–101. <https://doi.org/10.1111/let.12134>
- 280 Landau, B.M., Harzhauser, M., Büyükeriç, Y., Breitenberger, A. 2016. Additions to the gastropods of the middle Miocene (Serravallian) Karaman Basin, Turkey. *Cainozoic Research*, 94, 221–229.
- 279 Neubauer, T.A., Georgopoulou, E., Harzhauser, M., Mandic, O., Kroh, A. 2016. Predictors of shell size in long-lived lake gastropods. *Journal of Biogeography*, 43, 2062–2074. <https://doi.org/10.1111/jbi.12777>
- 278 Neubauer, T.A., Harzhauser, M., Mandic, O., Kroh, A., Georgopoulou, E., 2016 (online 2015). Evolution, turnovers and spatial variation of the gastropod fauna of the late Miocene biodiversity hotspot Lake Pannon. *Palaeogeography, Palaeoclimatology, Palaeoecology*, 442, 84–95. <https://doi.org/10.1016/j.palaeo.2015.11.016>
- 277 Neubauer, T.A., Harzhauser, M., Mandic, O., Georgopoulou, E., Kroh, A. 2016 (online 2015). Paleobiogeography and historical biogeography of the non-marine caenogastropod family Melanopsidae. *Palaeogeography, Palaeoclimatology, Palaeoecology*, 444, 124–143. <https://doi.org/10.1016/j.palaeo.2015.12.017>
- 276 Neubauer, T.A., Mandic, O., Harzhauser, M. 2016 (online 2015). The freshwater mollusk fauna of the Middle Miocene Lake Drniš (Dinaride Lake System, Croatia): a taxonomic and systematic revision. *Austrian Journal of Earth Sciences*, 108/2, 15–67. <https://doi.org/10.17738/ajes.2015.0013>.
- 275 Neubauer, T.A., Mandic, O., Harzhauser, M. 2016. The early Middle Miocene lacustrine gastropod fauna of Džepi, Bosnia and Herzegovina (Dinaride Lake System): high endemism in a small space. *Bulletin of Geosciences*, 91, 271–296. <https://doi.org/10.3140/bull.geosci.1584>
- 274 Reuter, M., Auer, G., Brandano, M., Harzhauser, M., Corda, L., Piller, W.E. 2016. Post-rift sequence architecture and stratigraphy in the Oligo-Miocene Sardinia Rift (Western Mediterranean Sea). *Marine and Petroleum Geology*, 79, 44–63. <https://doi.org/10.1016/j.marpetgeo.2016.10.025>
- 273 Wilke, T., Wagner, B., Albrecht, C., Ariztegui, D., Van Boclaer, B., Skinner, A., Wonik, T., Hauffe, T., Penkman, K., Stelbrink, B., Harzhauser, M., Holtvoeth, J., Sadori, L., Francke, A., Leng, M.J., Levkov, Z., Vogel, H., Delicado, D., Wesselingh, F., Just, J. 2016. Scientific drilling projects in ancient lakes: Integrating geological and biological histories. *Global and Planetary Change, Global and Planetary Change*, 143, 118–151. <https://doi.org/10.1016/j.gloplacha.2016.05.005>
- 272 Harzhauser, M., Landau, B. 2016. CSI-Vienna. UV-Licht bringt Millionen Jahre alte Farbmuster zum Leuchten. *Universum Magazin, Das Naturhistorische*, 12/2016, 109.
- 271 Harzhauser, M. 2016. Wo die Wiener Mammuts grasten. *Naturwissenschaftliche Entdeckungsreisen durch das heutige Wien: ein Buch mit unkonventionellen Querverbindungen. Universum Magazin*, 3, *Das Naturhistorische*, 112.
- 270 Harzhauser, M. 2016. Kalkplatte mit fossilem Fisch und Vergil-Cento. In: Haag, S., Sharp, J. (Eds.). *Edmund de Waal. During the Night*. 30 unnumbered leaflets, *Kunsthistorisches Museum Wien*, ISBN 978-3-99020-122-0.
- 269 Hofmann, T., Harzhauser, M. 2016. *Wo die Wiener Mammuts grasten*. 160 pp., *Metro-Verlag, Wien*, ISBN 978-3-99300-248-0.
-

- 268 Auer, G., Piller, W.E., Harzhauser, M. 2015. Two distinct decadal and centennial cyclicities forced marine upwelling intensity and precipitation during the late Early Miocene in Central Europe. *Climate of the Past*, 11, 283–303. <https://doi.org/10.5194/cp-11-283-2015>
- 267 Auer, G., Piller, W.E., Reuter, M., Harzhauser, M. 2015. Correlating carbon and oxygen isotope events in early to middle Miocene shallow marine carbonates in the Mediterranean region using orbitally tuned chemo- and lithostratigraphy. *Paleoceanography*, 30, 332–352. <https://doi.org/10.1002/2014PA002716>
- 266 Georgopoulou, E., Neubauer, T.A., Kroh, A., Harzhauser, M., Mandic, O. 2015. An outline of the European Quaternary localities with freshwater gastropods: Data on geography and updated stratigraphy. *Palaeontologia Electronica* 18.3.48A, 1–9. [palaeo-electronica.org/content/2015/1328-quaternary-gastropods](http://palaeo-electronica.org/content/2015/1328-quaternary-gastropods).
- 265 Grunert, P., Auer, G., Harzhauser, M., Piller, W.E. 2015. Stratigraphic constraints for the upper Oligocene to Lower Miocene Puchkirchen Group (North Alpine Foreland Basin, Central Paratethys. *Newsletter on Stratigraphy*, 48, 111–133. <https://doi.org/10.1127/nos/2014/0056>
- 264 Harzhauser, M., Djuricic, A., Mandic, O., Zuschin, M., Dorninger, P., Nothegger, C., Székely, B., Puttonen, E., Molnár, G., Pfeifer, N. 2015. Disentangling the history of complex multi-phased shell beds based on the analysis of 3D point cloud data. *Palaeogeography, Palaeoclimatology, Palaeoecology*, 437, 165–180. <https://doi.org/10.1016/j.palaeo.2015.07.038>
- 263 Harzhauser, M., Neubauer, T.A., Georgopoulou, E., Esu, D., D'Amico, C., Pavia, G., Giuntelli, P., Carnevale, G. 2015. Late Messinian continental and Lago-Mare gastropods from the Tertiary Piedmont Basin, NW Italy. *Bollettino della Società Paleontologica Italiana*, 54, 1–53. <https://doi.org/10.4435/BSPI.2015.1>
- 262 Hyžný, M., Harzhauser, M., Danninger, W. 2015. Decapod Crustacea of the Central Paratethyan Otnangian Stage (middle Burdigalian): implications for systematics and biogeography. *Geologica Carpathica*, 66, 217–233. <https://doi.org/10.1515/geoca-2015-0021>
- 261 Mandic, O., Kurečić, T., Neubauer, T.A., Harzhauser, M. 2015. Stratigraphic and paleogeographic significance of lacustrine molluscs from the Pliocene *Viviparus* beds in central Croatia. *Geologica Croatica*, 68/3, 179–207. <https://doi.org/10.4154/gc.2015.1>
- 260 Neubauer, T.A., Georgopoulou, E., Kroh, A., Harzhauser, M., Mandic, O., Esu, D. 2015. Synopsis of European Neogene freshwater gastropod localities: updated stratigraphy and geography. *Palaeontologia Electronica*, 18.1.3T, 1–7, [palaeo-electronica.org/content/2015/1153-neogene-freshwater-gastropods](http://palaeo-electronica.org/content/2015/1153-neogene-freshwater-gastropods)
- 259 Neubauer, T.A., Harzhauser, M., Georgopoulou, E., Kroh, A., Mandic, O. 2015. Tectonics, climate, and the rise and demise of continental aquatic species richness hotspots. *Proceedings of the National Academy of Sciences of the United States of America*, 112 (37), 11478–11483, <https://doi.org/10.1073/pnas.1503992112>
- 258 Neubauer, T.A., Harzhauser, M., Kroh, A., Georgopoulou, E., Mandic, O. 2015. A gastropod-based biogeographic scheme for the European Neogene freshwater systems. *Earth-Science Reviews*, 143, 98–116. <https://doi.org/10.1016/j.earscirev.2015.01.010>
- 257 Neubauer, T.A., Harzhauser, M., Pipík, R. 2015. Upper Miocene endemic lacustrine gastropod fauna of the Turiec Basin: addressing taxonomic, paleobiogeographic and stratigraphic issues. *Geologica Carpathica*, 66, 139–156. <https://doi.org/10.1515/geoca-2015-0016>
- 256 Neubauer, T.A., Kroh, A., Harzhauser, M., Georgopoulou, E., Mandic, O. 2015. Taxonomic note on problematic Neogene European freshwater Gastropoda. *Annalen des Naturhistorischen Museums in Wien, Serie A*, 117, 95–100.
- 255 Harzhauser, M. 2015. Der Schmuck aus Süßwassermolluskenschalen von Grab Verf. 26 – Größenauswahl und Lochungstechnik als Ergebnis von Schleiftechniken. In: Neugebauer-Maresch, C., Lenneis, E. (Eds.). *Das bandkeramische Gräberfeld von Kleinhadersdorf*, Mitteilungen der Prähistorischen Kommission der Österreichischen Akademie der Wissenschaften, 82, 140–143.
- 254 Harzhauser, M., Landau, B.M., Mandic, O., Kroh, A., Kuttelwascher, K., Grunert, P., Schneider, S., Danninger, W. 2015 (for 2014). Gastropods of an Otnangian (Early Miocene) rocky shore in the North Alpine Foreland Basin (Allerding, Austria). *Jahrbuch der Geologischen Bundesanstalt*, 154, 83–113.
- 254 Harzhauser, M., Djuricic, A., Mandic, O., Neubauer, T. A., Zuschin, M., Pfeifer, N. 2015. Age structure, carbonate production and shell loss rate in an Early Miocene reef of the giant oyster *Crassostrea gryphoides*, *Biogeosciences Discuss.*, 12, 15867–15900, <https://doi.org/10.5194/bgd-12-15867-2015>.
- 253 Harzhauser, M. 2015. Salz und Mikroben – Zeugen der größten Aussterbewelle vor der Eiszeit. *Universum Magazin* 9, *Das Naturhistorische*, 108–109.
- 
- 252 Neubauer, T.A., Harzhauser, M., Georgopoulou, E., Mandic, O., Kroh, A. 2014. Replacement names and nomenclatural comments for problematic species-group names in Europe's Neogene freshwater Gastropoda. *Zootaxa*, 3785, 453–468.

- 251 Auer, G., Piller, W.E., Harzhauser, M. 2014. High-resolution calcareous nannoplankton palaeoecology as a proxy for small-scale environmental changes in the Early Miocene. *Marine Micropaleontology*, 111, 53–65. <https://doi.org/10.1016/j.marmicro.2014.06.005>
- 250 Harzhauser, M., Neubauer, T.A., Georgopoulou, E., Harl, J. 2014. The Early Miocene (Burdigalian) mollusc fauna of the North Bohemian Lake (Most Basin). *Bulletin of Geosciences*, 89, 819–908.
- 249 Grunert, P., Tzanova, A., Harzhauser, M., Piller, W.E. 2014. Mid-Burdigalian Paratethyan alkenone record reveals link between orbital forcing, Antarctic ice-sheet dynamics and European climate at the verge to Miocene Climate Optimum. *Global and Planetary Change*, 123, 36–43. <https://doi.org/10.1016/j.gloplacha.2014.10.011>
- 248 Neubauer, T.A., Harzhauser, M., Georgopoulou, E., Wrožyna, C. 2014. Population bottleneck triggering millennial-scale morphospace shifts in endemic thermal-spring melanopsids. *Palaeogeography, Palaeoclimatology, Palaeoecology*, 414, 116–128. <https://doi.org/10.1016/j.palaeo.2014.08.015>.
- 247 Neubauer, T.A., Kroh, A., Harzhauser, M., Georgopoulou, E., Mandic, O. 2014. Synopsis of valid species-group taxa for freshwater Gastropoda recorded from the European Neogene. *ZooKeys*, 435, 1–6. <https://doi.org/10.3897/zookeys.435.8193>
- 246 Wiedl, T., Harzhauser, M., Kroh, A., Ćorić, S., Piller, W.E., 2014. From biologically to hydrodynamically controlled carbonate production by tectonically induced palaeogeographic rearrangement (Middle Miocene, Pannonian Basin) *Facies*, 60, 865–881. <https://doi.org/10.1007/s10347-014-0408-2>
- 245 Neubauer, T.A., Harzhauser, M., Kroh, A., Georgopoulou, E., Mandic, O. 2014. Replacement names and nomenclatural comments for problematic species-group names in Europe's Neogene freshwater Gastropoda. Part 2. *ZooKeys*, 429, 13–46. <https://doi.org/10.3897/zookeys.429.7420>
- 244 Landau, B.M., Harzhauser, M., İslamoğlu, Y., Silva, C.M. da 2014. Errata and corrigenda to Systematics and palaeobiogeography of the gastropods of the middle Miocene (Serravallian) Karaman Basin, Turkey. *Cainozoic Research*, 14, 91–92.
- 243 Filipescu, S., Miclea, A., Gross, M., Harzhauser, M., Zágoršek, K., Jipa, C. 2014. Early Sarmatian paleoenvironments in the easternmost Pannonian Basin (Borod Depression, Romania) revealed by the micropaleontological data. *Geologica Carpathica*, 65, 67–81. <https://doi.org/10.2478/geoca-2014-0005>
- 242 Zuschin, M., Harzhauser, M., Hengst, B., Mandic, O., Roetzel, R., 2014. Long-term ecosystem stability in an Early Miocene estuary. *Geology*, 42, 1–4. <https://doi.org/1130/G34761.1>
- 241 Neubauer, T.A., Mandic, O., Harzhauser, M. 2014. A new melanopsid species from the Middle Miocene Kupres Basin (Bosnia and Herzegovina). *The Nautilus*, 128, 1–4.
- 240 Harzhauser, M., 2014. A seagrass-associated Early Miocene Indo-Pacific gastropod fauna from South West India (Kerala). *Palaeontographica A*, 302, 73–178. <https://doi.org/10.1127/pala/302/2013/73>
- 239 Harzhauser, M., Neubauer, T.A., Gross, M., Binder, H. 2014. The early Middle Miocene mollusc fauna of Lake Rein (Eastern Alps, Austria). *Palaeontographica A*, 302, 1–71. <https://doi.org/10.1127/pala/302/2013/1>
- 238 Harzhauser, M., Peckmann, J., Birgel, D., Draganits, E., Mandic, O., Theobalt, D., Huemer, J. 2014. Stromatolites in the Paratethys Sea during the Middle Miocene Climate Transition as witness of the Badenian Salinity Crisis. *Facies*, 60, 429–444. <https://doi.org/10.1007/s10347-013-0391-z>
- 237 Harzhauser, M., Schneider, S. 2014. A new family of giant Jurassic-Cretaceous littorinoid gastropods from the northern Tethys shelf. *Acta Palaeontologica Polonica*, 59 (2), 367–378, <http://dx.doi.org/10.4202/app.2011.0196>
- 236 Harzhauser, M. 2014. Quartär – Welt der Mammuts. *Die Münze, Magazin*, 25/4, 18–21.
- 235 Harzhauser, M. 2014. Tertiär – Aufbruch in die Moderne. *Die Münze, Magazin*, 25/3, 18–21.
- 234 Harzhauser, M., Göhlich, U., Kroh, A., Lukeneder, A., Mandic, O. 2014. Geologie & Paläontologie, 73–107 pp. In: Jovanović-Kruspel, S. (Ed.). *Naturhistorisches Museum Wien. Ein Führer durch die Schausammlungen. Sammlungsführer, 2. Auflage*, 251 pp., Naturhistorischers Museum Wien, ISBN 978-3-902421-87-6.
- 233 Harzhauser, M. 2014. Geology in everyday life. in Steininger, F., Fermeli, G. (Eds.). *Framework on Geosciences literacy principles*. 94-96, GEOschools, University Athens.
- 232 Hyžný, M. & Harzhauser, M. 2014. Najstaršie mnohobunkovce za humnom. *Quark* 5/2014: 51.
- 231 Harzhauser, M. 2014. Experiment Leben – die Gabonionta. *Universum Magazin* 3, *Das Naturhistorische*, 110–111.
- 
- 230 Harzhauser, M., Mandic, O., Kern, A.K., Piller, W.E., Neubauer, T.A., Albrecht, C., Wilke, T. 2013. Explosive demographic expansion by dreissenid bivalves as a possible result of astronomical forcing. *Biogeosciences*, 10, 8423–8431. <https://doi.org/10.5194/bg-10-8423-2013>

- 229 Carnevale, G., Harzhauser, M. 2013. Middle Miocene rockling (Teleostei, Gadidae) from the Paratethys (St. Margarethen in Burgenland, Austria). *Bulletin of Geosciences*, 88, 609–620.
- 228 Grunert, P., Hinsch, R., Sachsenhofer, R.F., Bechtel, A., Ćorić, S., Harzhauser, M., Piller, W.E., Sperl, H. 2013. Early Burdigalian infill of the Puchkirchen Trough (North Alpine Foreland Basin, Central Paratethys): Facies development and sequence stratigraphy. *Marine and Petroleum Geology*, 39, 164–186. <https://doi.org/10.1016/j.marpetgeo.2012.08.009>
- 227 Harzhauser, M., Kronenberg, G.C. 2013. The Neogene *Persististrombus* (Gastropoda: Strombidae) in the Paratethys Sea. *Acta Palaeontologica Polonica*, 58 (4), 785–802. <https://doi.org/10.4202/app.2011.0130>.
- 226 Harzhauser, M., Hoşgör, İ., Pacaud, J.-M. 2013 (online 2012). Thanetian Gastropods from the Mesopotamian High Folded Zone in N-Iraq. *Paläontologische Zeitschrift*, 87, 179–199. <https://doi.org/10.1007/s12542-012-0155-z>
- 225 Harzhauser, M., Reuter, M., Mandic, O., Schneider, S., Piller, W.E., Brandano, M. 2013. “Pseudo-Sarmatian” mollusc assemblages from the Early Messinian oolite shoals of Sicily (Italy). *Rivista Italiana di Paleontologia e Stratigrafia*, 119, 351–386. <https://doi.org/10.13130/2039-4942/6044>
- 224 Kern, A.K., Harzhauser, M., Reuter, M., Kroh, A., Piller, W.E. 2013. The Miocene coastal vegetation of southwestern India and its climatic significance. *Palaeoworld*, 22, 119–132. <https://doi.org/10.1016/j.palwor.2013.10.001>
- 223 Kern, A.K., Harzhauser, M., Soliman, A., Piller, W.E., Mandic, O. 2013. High-resolution analysis of Upper Miocene lake deposits: evidence for the influence of Gleissberg-band solar forcing. *Palaeogeography, Palaeoclimatology, Palaeoecology*, 370, 176–183. <https://doi.org/10.1016/j.palaeo.2012.12.005>.
- 222 Neubauer, T. A., Harzhauser, M., Kroh, A. 2013. Phenotypic evolution in a fossil gastropod species lineage: evidence for adaptive radiation? *Palaeogeography, Palaeoclimatology, Palaeoecology*, 370, 117–126. <https://doi.org/10.1016/j.palaeo.2012.11.025>
- 221 Neubauer, T. A., Mandic, O., Harzhauser, M., Hrvatoviæ, H. 2013. A new Miocene lacustrine mollusc fauna of the Dinaride Lake System and its palaeobiogeographic, palaeoecologic, and taxonomic implications. *Palaeontology*, 56, 129–156. <https://doi.org/10.1111/j.1475-4983.2012.01171.x>
- 220 Neubauer, T.A., Harzhauser, M., Daxner-Höck, G., Piller, W.E. 2013. New data on the terrestrial gastropods from the Oligocene-Miocene transition in the Valley of Lakes, Central Mongolia. *Paleontological Journal*, 47, 4, 374–385. <https://doi.org/10.1123/S003103011304014X>
- 219 Neubauer, T.A., Harzhauser, M., Mandic, O. 2013. Phenotypic evolution in a venerid bivalve species lineage from the late Middle Miocene Central Paratethys Sea: a multi-approach morphometric analysis. *Biological Journal of the Linnean Society*, 110, 320–334. <https://doi.org/10.1111/bij.12120>
- 218 Neubauer, T.A., Mandic, O., Harzhauser, M. 2013. The Middle Miocene freshwater mollusk fauna of Lake Gacko (SE Bosnia and Herzegovina): taxonomic revision and paleoenvironmental analysis. *Fossil Record*, 16, 77–96. <https://doi.org/10.1002/mmng.201300003>
- 217 Reuter, M., Kern, A.K., Harzhauser, M., Kroh, A., Piller, W.E. 2013. Global warming and South Indian monsoon rainfall—lessons from the Mid-Miocene. *Gondwana Research*, 23, 1172–1177. <https://doi.org/10.1016/j.gr.2012.07.015>
- 216 Reuter, M., Piller, W.E., Brandano, M., Harzhauser, M. 2013. Correlating Mediterranean shallow water deposits with global Oligocene-Miocene stratigraphy and oceanic events. *Global and Planetary Change*, 111, 226–236. <https://doi.org/10.1016/j.gloplacha.2013.09.018>
- 215 Reuter, M., Piller, W.E., Harzhauser, M., Kroh, A. 2013. Cyclone trends constrain monsoon variability during Late Oligocene sea level highstands (Kachchh Basin, NW India). *Climate of the Past*, 9, 1–15, <https://doi.org/10.5194/cp-9-1-2013>
- 214 Schneider, S., Harzhauser, M., Kroh, A., Lukeneder, A., Zuschin, M. 2013. Ernstbrunn Limestone and Klentnice Beds (Kimmeridgian – Berriasian; Waschberg-Ždánice Unit; NE Austria and SE Czech Republic). State of the art and bibliography. *Bulletin of Geosciences*, 88, 105–130. <https://doi.org/10.3140/bull.geosci.1360>
- 213 Schneider, S., Mandic, O., Harzhauser, M. 2013. Preserved colour pattern in *Polinitapes tricuspis* (Eichwald, 1829) (Bivalvia: Veneridae) from the Sarmatian holostatotype at Nexing (Lower Austria). *Neues Jahrbuch für Geologie und Paläontologie*, 268, 191–197. <https://doi.org/10.1127/0077-7749/2013/0326>
- 212 Soliman, A., Feist-Burkhardt, S., Harzhauser, M., Kern, A.K., Piller, W.E. 2013 (online 2012). *Mendicodinium mataschenensis*: a new endemic dinoflagellate cyst from the early Tortonian of Lake Pannon (Austria). *Palynology*, 37, 35–47. <https://doi.org/10.1080/01916122.2012.662180>
- 211 Wiedl, T., Harzhauser, M., Kroh, A., Ćorić, S., Piller, W.E. 2013. Ecospace variability along a carbonate platform at the northern boundary of the Miocene reef belt (Upper Langhian, Austria) *Palaeogeography, Palaeoclimatology, Palaeoecology*, 370, 232–246. <https://doi.org/10.1016/j.palaeo.2012.12.015>

- 210 Landau B.M., Harzhauser M., İslamoğlu Y. & Marques da Silva C. 2013. Systematics and palaeobiogeography of the gastropods of the middle Miocene (Serravallian) Karaman Basin of Turkey. *Cainozoic Research*, 11–13, 3–576.
- 209 Roetzel, R., Krenmayr, H.G., Heinrich, M., Harzhauser, M. 2012. Haltepunkt E2/1: Melk – Wachberg – Sandgruben der Quarzwerke Österreich. In: Gebhardt, H. (Ed.). Arbeitstagung 2013 der Geologischen Bundesanstalt, Geologie der Kartenblätter 55 Ober-Grafendorf und 56 St. Pölten, 236–244.
- 208 Harzhauser, M. 2013. 200 Millionen Jahre Erd-Geschichte. Die Münze, April-August 2013, 2. Ausgabe, 5–8.
- 207 Harzhauser, M. 2013. Die „versilberten“ Schätze des Naturhistorischen Museums. *Universum Magazin, Das Naturhistorische*, p. 13.
- 206 Harzhauser, M., Daxner-Höck, G. 2013. Auf der Suche nach der Eiszeit in der mongolischen Steppe. *Universum Magazin 3, Das Naturhistorische*, 108–109.
- 
- 205 Carnevale, G., Harzhauser, M., Schultz, O. 2012. The Miocene gadid fish *Palimphemus anceps* Kner, 1862: a reappraisal. *Geodiversitas*, 34, 625–643. <http://dx.doi.org/10.5252/g2012n3a9>.
- 204 Dellmour, R., Harzhauser, M. 2012. The Iván Canyon, a large Miocene canyon in the Alpine-Carpathian Foredeep. *Marine and Petroleum Geology*, 38, 83–94. <https://doi.org/10.1016/j.marpetgeo.2012.0>
- 203 Grunert, P., Soliman, A., Ćorić, S., Roetzel, R., Harzhauser, M., Piller, W.E. 2012. Facies development along the tide-influenced shelf of the Burdigalian Seaway: An example from the Ottnangian stratotype (Early Miocene, middle Burdigalian). *Marine Micropaleontology*, 84–85, 14–36. <https://doi.org/10.1016/j.marmicro.2011.11.004>
- 202 Harzhauser, M., Landau, B. 2012. A revision of the Neogene Cancellariid Gastropods of the Paratethys Sea. *Zootaxa*, 3472, 1–72.
- 201 Harzhauser, M., Mandic, O., Latal, C., Kern, A. 2012. Stable isotope composition of the Miocene Dinaride Lake System deduced from its endemic mollusc fauna. *Hydrobiologia*, 682, 27–46. <https://doi.org/10.1007/s10750-011-0618-3>
- 200 Harzhauser, M., Neubauer, T., Mandic, O., Zuschin, M., Ćorić, S. 2012. A Middle Miocene freshwater mollusc assemblage from an intramontane Alpine lake (Aflenz Basin, Eastern Alps, Austria). *Paläontologische Zeitschrift*, 86, 23–41. <https://doi.org/10.1007/s12542-011-0117-x>
- 199 Harzhauser, M., Schlögl, J. 2012. Lepadiform and scalpelliform barnacles from the Oligocene and Miocene of the Paratethys Sea. *Palaeontology*, 55, 923–936. <https://doi.org/10.1111/j.1475-4983.2012.01155.x>
- 198 Kern, A.K., Harzhauser, M., Piller, W.E., Mandic, O., Soliman, A. 2012. Strong evidence for the influence of solar cycles on a Late Miocene lake system revealed by biotic and abiotic proxies. *Palaeogeography, Palaeoclimatology, Palaeoecology*, 329–330, 124–136. <https://doi.org/10.1016/j.palaeo.2012.02.023>
- 197 Kern, A.K., Harzhauser, M., Soliman, A., Piller, W.E., Gross, M. 2012. Precipitation driven decadal scale decline and recovery of wetlands of Lake Pannon during the Tortonian. *Palaeogeography, Palaeoclimatology, Palaeoecology*, 317–318, 1–12. <https://doi.org/10.1016/j.palaeo.2011.11.021>
- 196 Kronenberg, G.C., Harzhauser, M. 2012. *Europrotomus* (Mollusca: Caenogastropoda: Strombidae): a new Middle Miocene European strombid genus. [Revision of *Europrotomus* Gill, 1870. Part 4]. *Paläontologische Zeitschrift*, 86, 147–159. <https://doi.org/10.1007/s12542-011-0121-1>
- 195 Lukeneder, S., Lukeneder, A., Harzhauser, M., Islamoglu, Y., Krystyn, L., Lein, R. 2012. A delayed carbonate factory breakdown during the Tethyan-wide Carnian Pluvial Episode along the Cimmerian terranes (Taurus, Turkey). *Facies*, 58, 279–296. <https://doi.org/10.1007/s10347-011-0279-8>
- 194 Wiedl, T., Harzhauser, M., Piller, W.E. 2012. Facies and syndimentary tectonics on a Badenian carbonate platform in the southern Vienna Basin (Austria, Central Paratethys). *Facies*, 58, 523–548. <https://doi.org/10.1007/s10347-011-0290-0>
- 193 Ćorić, S., Harzhauser, M., Rögl, F., İslamoğlu, Y., Landau, B. 2012. Biostratigraphy of some mollusc-bearing middle Miocene localities on the Karaman high plain (Turkey, Konya Province). *Cainozoic Research*, 9, 281–288.
- 192 Landau, B., Harzhauser, M. 2012. An addition to the Tonnoidean gastropods of the Middle Miocene Paratethys: the genus *Pisanianura* Rovereto, 1899. *Cainozoic Research*, 9, 135–137.
- 191 Pacaud, J.-M., Harzhauser, M. 2012. *Jponsia*, *Moniquia* et *Eginea*, trois nouveaux genres de Pachychilidae (Gastropoda, Caenogastropoda) du Paléogène européen. *Jponsia*, *Moniquia* and *Eginea*, three new genera of Pachychilidae (Gastropoda, Caenogastropoda) from the European Paleogene. *Annales du Muséum d'histoire naturelle de Nice*, 27, 105–153.
- 190 Göhlich, U.B., Kroh, A., Harzhauser, M. 2012. Gestatten, wir sind die Neuen: Horndinosaurier *Ceratops* und Terrorvogel *Paraphysornis*. *Universum*, 12, *Das Naturhistorische*, Winter, 2012, 101.

- 189 Harzhauser, M. 2012. Immer das Gleiche? – in: Martin, T., von Koenigswald, W., Radtke, G., Rust, J. (Eds.). Paläontologie - 100 Jahre Paläontologische Gesellschaft. p. 68–69, Dr. Friedrich Pfeil, München, ISBN 978-3-89937-152-9.
- 188 Harzhauser, M. 2012. Sammlungen und ihre Geschichte(n) – Fische vom Monte Bolca. – in: Martin, T., von Koenigswald, W., Radtke, G., Rust, J. (Eds.). Paläontologie - 100 Jahre Paläontologische Gesellschaft. p. 18–19, Dr. Friedrich Pfeil, München, ISBN 978-3-89937-152-9.
- 187 Harzhauser, M. 2012. Seepocken und Schildkröten. Eine 20 Millionen Jahre alte Liaison. *Universum*, 6, Das Naturhistorische, 96.
- 186 Harzhauser, M. 2012. Stürmisches Meer am Alpenrand. – in: Martin, T., von Koenigswald, W., Radtke, G., Rust, J. (Eds.). Paläontologie - 100 Jahre Paläontologische Gesellschaft. p. 142–143, Dr. Friedrich Pfeil, München, ISBN 978-3-89937-152-9.
- 185 Harzhauser, M. 2012. Das Austernriff als Geopark. – in: Martin, T., von Koenigswald, W., Radtke, G., Rust, J. (Eds.). Paläontologie - 100 Jahre Paläontologische Gesellschaft. p. 144–145, Dr. Friedrich Pfeil, München, ISBN 978-3-89937-152-9.
- 184 Harzhauser, M., Kroh, A. 2012. 20 Mio. Jahre Eisenstädter Becken. In: Hoprich, M., Tschach, M. (eds). Als das Burgenland noch am Meer lag. *Wissenschaftliche Arbeiten aus dem Burgenland*, 142, 8–21.
- 
- 183 Harzhauser, M., Cernohorsky, W. 2011. Nomenclatorial rectifications and comments on some European Neogene nassariid and buccinid Gastropoda (Prosobranchia: Nassariidae; Buccinidae). *Archiv für Molluskenkunde*, 140, 29–35. <https://doi.org/10.1127/arch.moll/1869-0963/140/029-035>
- 182 Harzhauser, M., Mandic, O., Schlögl, J. 2011. A late Burdigalian bathyal mollusc fauna from the Vienna Basin (Slovakia). *Geologica Carpathica*, 62, 211–231. <https://doi.org/10.2478/v10096-011-0018-7>
- 181 Harzhauser, M., Newman, W.A., Grunert, P. 2011. A new Early Miocene barnacle lineage and the roots of sea-turtle fouling Chelonibiidae (Cirripedia, Balanomorpha). *Journal of Systematic Palaeontology*, 9, 473–480. <https://doi.org/10.1080/14772019.2010.528053>
- 180 Kroh, A., Gholamalian, H., Mandic, O., Coric, S., Harzhauser, M., Reuter, M., Piller, W.E. 2011. Echinoids and pectinid bivalves from the Early Miocene Mishan Formation of Iran. *Acta Geologica Polonica*, 61, 419–439.
- 179 Lukeneder, S., Zuschin, M., Harzhauser, M., Mandic, O. 2011. Mollusc-based statistics in an endemic marine system as tool in paleoecology and stratigraphy. *Acta Palaeontologica Polonica*, 56, 767–784. <https://doi.org/10.4202/app.2010.0046>.
- 178 Mandic, O., de Leeuw, A., Vukovic, B., Krijgsman, W., Harzhauser, M., Kuiper, K.F. 2011. Palaeoenvironmental evolution of Lake Gacko (Southern Bosnia and Herzegovina): Impact of the Middle Miocene Climatic Optimum on the Dinaride Lake System, *Palaeogeography, Palaeoclimatology, Palaeoecology*, 299, 475–492. <https://doi.org/10.1016/j.palaeo.2010.11.024>
- 177 Neubauer, T. A., Mandic, O., Harzhauser, M. 2011. Middle Miocene freshwater mollusks from Lake Sinj (Dinaride Lake System, SE Croatia; Langhian). *Archiv für Molluskenkunde*, 140, 201–237. <https://doi.org/10.1127/arch.moll/1869-0963/140/201-237>
- 176 Paulissen, E. Luthi, S.M., Grunert, P. Ćorić, S., Harzhauser, M. 2011. Integrated high-resolution stratigraphy of a Middle to Late Miocene sedimentary sequence in the central part of the Vienna Basin. *Geologica Carpathica*, 62, 155–169. <https://doi.org/10.2478/v10096-011-0013-z>
- 175 Zuschin, M., Harzhauser, M., Mandic, O. 2011. Disentangling palaeodiversity signals from a biased sedimentary record: An example from the Early to Middle Miocene of the Central Paratethys. In: McGowan, A.J., Smith, A.B. (eds.) *Comparing the Geological and Fossil Records: Implications for Biodiversity Studies*. Geological Society, London, Special Publications, 358, 123–139, <https://doi.org/10.1144/SP358.9>
- 174 Hofmann, T., Havlíček, P., Harzhauser, M. 2011. Das Wiener Becken – geologische Betrachtungen. *Wissenschaftliche Mitteilungen des Niederösterreichischen Landesmuseums*, 22, 13–24.
- 173 Danielopol, D.L., Gross, M., Harzhauser, M., Minati, K., Piller, W.E. 2011. How and why to achieve greater objectivity in taxonomy, exemplified by a fossil ostracod (*Amplocypris abscissa*) from the Miocene Lake Pannon. *Joannea Geologie Paläontologie*, 11, 273–326.
- 172 Harzhauser, M., Kroh, A. 2011. Evolution aus der Sicht der Geowissenschaften – Klima und andere extrinsische Faktoren. In: Knoflacher, M. (ed.) *Faktum Evolution – Gesellschaftliche Bedeutung und Wahrnehmung*, 99–140, Peter Lang, Internationaler Verlag der Wissenschaften.
- 171 Harzhauser, M., Daxner-Höck, G., Göhlich, U.B., Nagel, D. 2011. Complex faunal mixing in the early Pannonian palaeo-Danube Delta (Late Miocene, Lower Austria). *Annalen des Naturhistorischen Museums in Wien*, 113, 167–208.

- 170 Fürst, A., Harzhauser, M. 2011. Fische saurer Rettung in letzter Sekunde. *Universum*, 3, Das Naturhistorische, Frühling 2011, 75.
- 169 Harzhauser, M. 2011. Die Dinos sind zurück. 80–83. *Das Naturhistorische*, Winter 2011/2012 in *Universum* 12.
- 168 Harzhauser, M., Göhlich, U., Kroh, A., Lukeneder, A., Mandic, O. 2011. Paleontology. In Jovanovic-Kruspel (ed.) *Natural History Museum Vienna. Exhibition Guide, 1<sup>st</sup> Edition*, 70–105, Natural History Museum, Vienna.
- 167 Harzhauser, M., Kroh, A. 2011. Ambitionierte Konzepte und Realität – begreifbare Erdgeschichte im Naturhistorischen Museum Wien. In: Widrich, V., Reiter, S., Unger, S. (eds.) *Inszenierung und neue Medien*. Wien, 92–93, New York, Springer.
- 166 Harzhauser, M., Lukeneder, A., Göhlich, U.B., Kroh, A., Nichterl, T., Mandic, O. 2011. Dinosaurs – The terrible reptiles of the past. *Exhibition Guide*, Naturhistorisches Museum Wien, 1–44. ISBN 978-3-902421-58-6.
- 165 Harzhauser, M., Lukeneder, A., Göhlich, U.B., Kroh, A., Nichterl, T., Mandic, O. 2011. Dinosaurier – Die schrecklichen Ehsen der Urzeit. *Saalführer*, Naturhistorisches Museum Wien, 1–44. ISBN 978-3-902421-57-9.
- 
- 164 De Leeuw, A., Mandic, O., Vranjković, A., Pavelić, D., Harzhauser, M., Krijgsman, W., Kuiper, K.F. 2010. Chronology and integrated stratigraphy of the Miocene Sinj Basin (Dinaride Lake System, Croatia). *Palaeogeography, Palaeoclimatology, Palaeoecology*, 292, 155–167. <https://doi.org/10.1016/j.palaeo.2010.03.040>
- 163 Grunert, P., Harzhauser, M., Rögl, F., Sachsenhofer, R., Gratzer, R., Soliman, A., Piller, W.E. 2010. Oceanographic conditions trigger the formation of an Early Miocene (Aquitanian) Konservat-Lagerstätte in the Central Paratethys Sea. *Palaeogeography, Palaeoclimatology, Palaeoecology*, 292, 425–442. <https://doi.org/10.1016/j.palaeo.2010.04.001>
- 162 Grunert, P., Soliman, A., Ćorić, S., Scholger, R., Harzhauser, M., Piller, W.E. 2010. Stratigraphic re-evaluation of the stratotype for the regional Ottnangian stage (Central Paratethys, middle Burdigalian). *Newsletter on Stratigraphy*, 44, 1–16. <https://doi.org/10.1127/0078-0421/2010/0001>
- 161 Grunert, P., Soliman, A., Harzhauser, M., Müllegger, S., Piller, W.E., Roetzel, R., Rögl, F. 2010. Upwelling conditions in the Early Miocene Central Paratethys Sea. *Geologica Carpathica*, 61, 129–145. <https://doi.org/10.2478/v10096-010-0006-3>
- 160 Harzhauser, M., Piller, W.E. 2010. Molluscs as a major part of subtropical shallow-water carbonate production – an example from a Middle Miocene oolite shoal (Upper Serravallian, Austria). *International Association of Sedimentologists, Special Publications* 42, 185–200. <https://doi.org/10.1002/9781118398364.ch11>
- 159 Harzhauser, M., Piller, W.E., Müllegger, S., Grunert, P., Micheels, A. 2010. Changing seasonality patterns in Central Europe from Miocene Climate Optimum to Miocene Climate Transition deduced from the *Crassostrea* isotope archive. *Global and Planetary Change*, 76, 77–84. <https://doi.org/10.1016/j.gloplacha.2010.12.003>
- 158 İslamoğlu, Y., Harzhauser, M., Gross, M., Jiménez-Moreno, G., Coric, S., Kroh, A., Rögl, F., van der Made, J., 2010. From Tethys to Eastern Paratethys: Oligocene depositional environments, paleoecology and paleobiogeography of the Thrace Basin (NW Turkey). *International Journal of Earth Sciences*, 99, 183–200. <https://doi.org/10.1007/s00531-008-0378-0>
- 157 Kern, A., Harzhauser, M., Mandic, O., Roetzel, R., Ćorić, S., Bruch, A.A., Zuschin, M. 2010. Millennial-scale vegetation dynamics in an estuary at the onset of the Miocene Climate Optimum. *Palaeogeography, Palaeoclimatology, Palaeoecology*, 304, 247–261. <https://doi.org/10.1016/j.palaeo.2010.07.014>
- 156 Lukeneder, A., Harzhauser, M., Müllegger, S., Piller, W.E. 2010. Ontogeny and habitat change in Mesozoic cephalopods revealed by stable isotopes ( $\delta^{18}\text{O}$ ,  $\delta^{13}\text{C}$ ). *Earth and Planetary Science Letters*, 296, 103–114. <https://doi.org/10.1016/j.epsl.2010.04.053>
- 155 Micheels, A., Bruch, A.A., Eronen, J., Fortelius, M., Harzhauser, M., Utescher, T., Mosbrugger, V. 2010. Analysis of heat transport mechanisms from a Late Miocene model experiment with a fully-coupled atmosphere–ocean general circulation model. *Palaeogeography, Palaeoclimatology, Palaeoecology*, 304, 337–350. <https://doi.org/10.1016/j.palaeo.2010.09.021>
- 154 Reuter, M., Piller, W.E., Harzhauser, M., Kroh, A., Rögl, F., Ćorić, S. 2010. The Quilon Limestone (Kerala Basin/India) – an archive for Miocene Indo-Pacific seagrass beds. *Lethaia*, 44, 76–86. <https://doi.org/10.1111/j.1502-3931.2010.00226>
- 153 Kern, A.K., Harzhauser, M., Soliman, A., Piller, W.E. 2010. Detecting solar cycles and high-frequency vegetation dynamics in the European Miocene. *American Association of Paleobotany - The Palynological Society Newsletter*, 43, 21–22.
- 152 Kern, A.K., Harzhauser, M., Soliman, A., Piller, W.E. 2010. Neue hochauflösende Untersuchungen über den Zusammenhang von Vegetation, Klima und Sonnenzyklen im späten Miozän. *Rundbrief des Arbeitskreises für Paläobotanik und Palynologie*, 2010/12, 3–7.

- 151 Walochnik, J., Harzhauser, M., Aspöck, H. 2010. Climate Change as a driving force for evolution. *Nova Acta Leopoldina NF*, 381, 21–31.
- 150 Harzhauser, M. 2010. Miocene mollusc faunas of the Vienna Basin as a key for scientific cooperation on stratigraphic correlation. in: Monechi, S., Rook, L. eds. *Il Museo di Storia Naturale dell' Università degli Studi di Firenze. 3. Le collezioni geologiche e paleontologiche*, 132–133 Firenze University Press, Florence.
- 149 Harzhauser, M., Göhlich, U., Kroh, A., Lukeneder, A., Mandic, O. 2010. Paläontologie. In: Jovanović-Kruspel, S. (ed.) *Naturhistorisches Museum Wien. Ein Führer durch die Schausammlungen*. 56–85, Naturhistorisches Museum, Wien, ISBN: 978-3-902421-47-0.
- 148 Harzhauser, M., Kern, A. 2010. Auf der Suche nach „fossilen“ Sonnenzyklen. *Universum*, 9, Das Naturhistorische, Herbst 2010, 80–81.
- 147 Harzhauser, M., Lukeneder, A. 2010. Biosphärenpark Wienerwald Statement 60. In: Lammerhuber, L., Koch, G., Schwab, A. (eds.) *111 x Biosphärenpark Wienerwald*. p. 188, Edition Lammerhuber, Baden.
- 146 Lukeneder, A., Harzhauser, M. 2010. Wo die Ammoniten lebten. *Universum*, 9, Das Naturhistorische, Herbst 2010, 74–75.
- 
- 145 Berning, B., Reuter, M., Piller, W.E., Harzhauser, M., Kroh, A. 2009. Larger foraminifera as a substratum for encrusting bryozoans (Late Oligocene, Tethyan Seaway, Iran), *Facies*, 55, 227–241. <https://doi.org/10.1007/s10347-008-0169-x>
- 144 Gregorova, R., Schultz, O., Harzhauser, M., Kroh, A., Ćorić, A. 2008. A giant Early Miocene sunfish from the North Alpine Foreland Basin (Austria) and its implication for molid phylogeny. *Journal of Vertebrate Paleontology*, 29, 359–371. <https://doi.org/10.1671/039.029.0201>
- 143 Harzhauser, M. 2009. Aquitanian gastropods of coastal Tanzania and their biogeographic implications for the early western Indo-Pacific. *Palaeontographica*, 289, 123–156. <https://doi.org/10.1127/pala/289/2009/123>
- 142 Harzhauser, M., Reuter, M., Piller, W.E., Berning, B., Kroh, A., Mandic, O. 2009. Oligocene and Early Miocene gastropods from Kutch (NW-India) document an early biogeographic switch from Western Tethys to Indo-Pacific. *Paläontologische Zeitschrift*, 83, 333–372. <https://doi.org/10.1007/s12542-009-0025-5>
- 141 Hüsing, S.K., Zachariasse, W.J., Van Hinsbergen, D.J.J., Krijgsman, W., Inceöz, M., Harzhauser, M., Mandic, O., Kroh, A. 2009. Oligocene–Miocene basin evolution in SE Anatolia, Turkey: constraints on the closure of the eastern Tethys gateway. *Geological Society, London, Special Publications*, 311, 107–132. <https://doi.org/10.1144/SP311.4>
- 140 Jiménez-Moreno, G., de Leeuw, A., Mandic, O., Harzhauser, M., Pavelic, D., Krijgsman, W., Vranjkovic, A. 2009. Integrated stratigraphy of the early Miocene lacustrine deposits of Pag Island (SW Croatia). *Palaeovegetation and environmental changes in the Dinaride Lake System. Palaeogeography, Palaeoclimatology, Palaeoecology*, 280, 193–206. <https://doi.org/10.1016/j.palaeo.2009.05.018>
- 139 Lirer, F., Harzhauser, M., Pelosi, N., Piller, W.E., Schmid, H.P., Sprovieri, M. 2009. Astronomically forced teleconnection between Paratethyan and Mediterranean sediments during the Middle and Late Miocene. *Palaeogeography, Palaeoclimatology, Palaeoecology*, 275, 1–13. <https://doi.org/10.1016/j.palaeo.2009.01.006>
- 138 Reuter, M., Piller, W.E., Harzhauser, M., Berning, B., Kroh, A. 2009. Sedimentary evolution of a late Pleistocene wetland indicating extreme coastal uplift in southern Tanzania. *Quaternary Research*, 73, 136–142. <https://doi.org/10.1016/j.yqres.2009.09.004>
- 137 Reuter, M., Piller, W.E., Harzhauser, M., Kroh, A., Berning, B. 2009. A fossil Everglades-type marl prairie and its paleoenvironmental significance. *Palaios*, 24, 747–755. <https://doi.org/10.2110/palo.2009.p09-062r>
- 136 Reuter, M., Piller, W.E., Kroh, A., Harzhauser, M. 2009. Foraminifera recycling in worm reefs. *Coral Reefs*, 29, 57–57, <https://doi.org/10.1007/s00338-009-0523-7>
- 135 Utescher, T., Ivanov, D., Harzhauser, M., Bozukov, V., Ashraf, A.R., Rolf, C., Ubat, M., Mosbrugger, V. 2009. Cyclic climate and vegetation change in the late Miocene of Western Bulgaria. *Palaeogeography, Palaeoclimatology, Palaeoecology*, 272, 99–114. <https://doi.org/10.1016/j.palaeo.2008.11.014>
- 134 Harzhauser, M. 2009. The early Vallesian vertebrates of Atzelsdorf (Late Miocene, Austria). 2. *Geology. – Annalen des Naturhistorischen Museums in Wien*, 111A, 479–488.
- 133 Grundtner, M.L., Harzhauser, M., Mandic, O., Draganits, E., Gier, S., Exner, U., Wagreich, M. 2009. Zur Sedimentologie der Sandgrube Steinbrunn (Pannonium, Österreich). *Jahrbuch der Geologischen Bundesanstalt*, 149, 441–451.
- 132 Landau, B., Harzhauser, M., Beu, A.G. 2009. A revision of the Tonnoidea (Caenogastropoda, Gastropoda) from the Miocene Paratethys and their palaeobiogeographic implications. *Jahrbuch der Geologischen Bundesanstalt*, 149, 61–109.

- 131 Harzhauser, M., Mandic, O. 2009. Neogene dreissenids in Central Europe: evolutionary shifts and diversity changes. Chapter 2. In: van der Velde, G. Rajagopal, S., bij de Vaate, A. (eds.) *The Zebra Mussel in Europe*. Backhuys Publishers, Leiden/Margraf Publishers, Weikersheim. p. 11–29. (555 pp.).
- 130 Danielopol, D.L., Harzhauser, M., Piller, W.E., Gross, M., Minati, K. 2009. A visit to Soceni (Banat, Romania) – Remembering Erich Jekelius (1889-1970). *Geo-Eco-Marina*, 15, 177–183.
- 129 Harzhauser, M. 2009. Fossil – aber sehr lebendig. *Universum*, 6, NHMW, 11.
- 128 Harzhauser, M. 2009. The missing link. In: Lammerhuber, L. (ed.) *Darwins Palast – Darwins rEvolution im Naturhistorischen Museum Wien*. Edition Lammerhuber, 197–201.
- 127 Harzhauser, M. Kern, A. 2009. Die Bernsteinküste Indiens. *Universum*, 9, NHMW, 13.
- 126 Harzhauser, M., Grunert, P. 2009. Der Fossile Riesenfisch und seine winzigen Bewohner. *Universum*, 9, NHMW, 4–5.
- 125 Harzhauser, M., Sovis, W., Kroh, A. 2009. Das verschwundene Meer. 1–48, *Naturhistorisches Museum, Wien*, ISBN 978-3-902421-42-5.
- 124 Kroh, A., Harzhauser, M. 2009. Die vernetzte Welt. *Universum*, 6, NHMW, 4–5.
- 123 Kroh, A., Harzhauser, M. 2009. Gaiaspäre - Die Erde als System. Ein Führer durch die Ausstellung in Saal 6 des Naturhistorischen Museums in Wien. 1–48, Grasl Druck & Neue Medien GmbH, Bad Vöslau, ISBN 978-3-902421-39-5.
- 122 Mandic, O., Harzhauser, M. 2009. Von Riesen und Zwergen. *Universum*, 12, NHMW, 11.
- 
- 121 Harzhauser, M., Gross, M., Binder, H. 2008. Biostratigraphy of Middle Miocene (Sarmatian) wetland systems in an Eastern Alpine Intramontane Basin (Gratkorn Basin, Austria). The terrestrial gastropod approach. *Geologica Carpathica*, 59, 45–58.
- 120 Harzhauser, M., Kern, A., Soliman, A., Minati, K., Piller, W.E., Danielopol, D., Zuschin, M. 2008. Centennial- to decadal-scale environmental shifts in and around Lake Pannon (Vienna Basin) related to a major Late Miocene lake-level rise. *Palaeogeography, Palaeoclimatology, Palaeoecology*, 270, 102–115. <https://doi.org/10.1016/j.palaeo.2008.09.00>
- 119 Harzhauser, M., Kronenberg, G. 2008. A note on *Strombus coronatus* Defrance, 1827 and *Strombus coronatus* Röding, 1798 (Mollusca: Gastropoda). *The Veliger*, 50, 120–128.
- 118 Harzhauser, M., Mandic, O. 2008. Neogene lake systems of Central and South-Eastern Europe: Faunal diversity, gradients and interrelations. *Palaeogeography, Palaeoclimatology, Palaeoecology*, 260, 417–434. <https://doi.org/doi:10.1016/j.palaeo.2007.12.013>
- 117 Harzhauser, M., Mandic, O., Piller, W. E., Reuter, M., Kroh, A. 2008. Tracing back the origin of the Indo-Pacific mollusc fauna – basal Tridacninae from the Oligocene and Miocene of the Sultanate of Oman. *Palaeontology*, 51, 199–213. <https://doi.org/10.1111/j.1475-4983.2007.00742.x>
- 116 Jiménez-Moreno, G., Mandic, O., Harzhauser, M., Pavelić, D., Vranjković, A. 2008. Vegetation and climate dynamics during the early Middle Miocene from Lake Sinj (Dinaride Lake System, SE Croatia). *Review of Palaeobotany and Palynology*, 152, 237–245. <https://doi.org/10.1016/j.revpalbo.2008.05.005>
- 115 Lukeneder, A., Harzhauser, M., Müllegger, S., Piller, W.E. 2008. Stable isotopes ( $\delta^{18}\text{O}$  and  $\delta^{13}\text{C}$ ) in *Spirula spirula* shells from three major oceans indicate developmental changes paralleling depth distributions. *Marine Biology*, 154, 175–182. <https://doi.org/10.1007/s00227-008-0911-5>
- 114 Mandic, O., Harzhauser, M., Roetzel, R., Tibuleac, P. 2008. Benthic mass-mortality events on a Middle Miocene incised-valley tidal-flat (North Alpine Foredeep Basin). *Facies*, 54, 343–359. <https://doi.org/10.1007/s10347-008-0144-6>
- 113 Mandic, O., Pavelić, D., Harzhauser, M., Zupanić, J., Reischenbacher, D., Sachsenhofer, R.F., Tadej, N., Vranjković, A. 2008. Depositional history of the Miocene Lake Sinj (Dinaride Lake System, Croatia). A long-lived hard-water lake in a pull-apart tectonic setting. *Journal of Paleolimnology*, 41, 431–452. <https://doi.org/10.1007/s10933-008-9235-1>
- 112 Reuter, M., Piller, W.E., Harzhauser, M. 2008. Comment on "Revision of the age of the Qom Formation in the Central Iran Basin, Iran" by Zhu et al. (*Journal of Asian Earth Sciences*, 2007, vol. 29, 715–721). *Journal of Asian Earth Sciences*, 34, 699–701. <https://doi.org/10.1016/j.jseaes.2008.10.006>
- 111 Reuter, M., Piller, W.E., Harzhauser, M., Kroh, A., Bassi, D. 2008. Termination of the Arabian shelf sea: Stacked cyclic sedimentary patterns and timing (Oligocene/Miocene, Oman). *Sedimentary Geology*, 212, 12–24. <https://doi.org/10.1016/j.sedgeo.2008.09.001>
- 110 Rögl, F., Ćorić, S., Harzhauser, M., Jiménez-Moreno, G., Kroh, A., Schultz, O., Wessely, G., Zorn, I. 2008. The Middle Miocene Badenian stratotype at Baden-Sooss, Lower Austria. *Geologica Carpathica*, 59, 367–374.
- 109 Rasser, M.W., Harzhauser, M. (coordinators). Paleogene and Neogene of Central Europe. In: McCann, T. (ed.) 2008. *The Geology of Central Europe. Volume 2: Mesozoic and Cenozoic*. Geological Society, London, 1031–1140.

- 108 Harzhauser, M., Roetzel, R. 2008. North Alpine Foreland Basin: eastern part. In: McCann, T. (ed.) The Geology of Central Europe. Volume 2: Mesozoic and Cenozoic. Geological Society, London, 1056–1058.
- 107 Harzhauser, M., Kováč, M., Roetzel, R. 2008. Vienna Basin and its satellite basins. In: McCann, T. (ed.) 2008. The Geology of Central Europe. Volume 2: Mesozoic and Cenozoic. Geological Society, London, 1060–1063.
- 106 Harzhauser, M. 2008. Styrian Basin and Neogene intra-alpine basins. In: McCann, T. (ed) The Geology of Central Europe. Volume 2: Mesozoic and Cenozoic. Geological Society, London, 1063–1064.
- 105 Harzhauser, M. 2008. Die Geschichte des Menschen als Produkt von Klimasteuerung: Eiszeit findet statt! In: Steiner, E., Einwögerer, T. (eds.) Mammut, Mensch, Co – Steinzeit in der Eiszeit, Verlag der Provinz 2007, Katalog des Niederösterreichischen Landesmuseums/Neue Folge, 475, 143–146.
- 104 Harzhauser, M. 2008. Was ist Eiszeit? In: Wiesbauer, H. (ed.) Die Steppe lebt. Felssteppen und Trockenrasen in Niederösterreich. Amt der NÖ Landesregierung, St. Pölten, 10–13.
- 103 Harzhauser, M., Mandic, O. 2008. Der Tsunami im Fossilienpark. *Universum*, 12, NHMW, 8–9.
- 102 Harzhauser, M., Reuter, M. 2008. Himalaya, Vulkane und Korallensterben. *Universum*, 9, NHMW, 4–5.
- 101 Harzhauser, M., Rögl, F. 2008. Die Mikrofossilienammlung am NHM. *Universum*, 12, NHMW, 6–7.
- 100 Eschner, A., Harzhauser, M. 2008. Zwei Rekordhalter auf großer Tour. *Universum*, 9, NHMW, 6.
- 
- 99 Harzhauser, M. 2007. Oligocene and Aquitanian Gastropod Faunas from the Sultanate of Oman and their biogeographic implications for the early western Indo-Pacific. *Palaeontographica*, 280, 75–121. <https://doi.org/10.1127/PALA/280/2007/75>
- 98 Harzhauser, M., Kroh, A., Mandic, O., Piller, W.E., Göhlich, U., Reuter M., Berning, B. 2007. Biogeographic responses to geodynamics: A key study all around the Oligo-Miocene Tethyan Seaway. *Journal of Comparative Zoology*, 246, 241–256. <https://doi.org/10.1016/j.jcz.2007.05.001>
- 97 Harzhauser, M., Latal, C., Piller, W.E. 2007. The stable isotope archive of Lake Pannon as a mirror of Late Miocene climate change. *Palaeogeography, Palaeoclimatology, Palaeoecology*, 249, 335–350. <https://doi.org/10.1016/j.palaeo.2007.02.006>
- 96 Harzhauser, M., Piller, W.E., Latal, C. 2007. Geodynamic impact on the stable isotope signatures in a shallow epicontinental sea. *Terra Nova*, 19, 1–7, <https://doi.org/10.1111/j.1365-3121.2007.00755.x>.
- 95 Harzhauser, M., Piller, W.E., 2007. Benchmark data of a changing sea. – *Palaeogeography, Palaeobiogeography and Events in the Central Paratethys during the Miocene*. *Palaeogeography, Palaeoclimatology, Palaeoecology*, 253, 8–31, <https://doi.org/10.1016/j.palaeo.2007.03.031>
- 94 Kováč, M., Andreyeva-Grigorovich, A., Bajraktarevic, Z., Brzobohaty, R., Filipescu, S., Fodor, L., Harzhauser, M., Nagymarosy, A., Oszczykko, N., Pavelic, D., Rogl, F., Saftic, B., Sliva, L., Studencka, B. 2007. Badenian evolution of the Central Paratethys Sea: paleogeography, climate and eustatic sea-level changes. *Geologica Carpathica*, 58, 579–606.
- 93 Reuter, M., Piller, W.E., Harzhauser, M., Mandic, O., Berning, B., Rögl, F., Kroh, A., Aubry, M.-P., Wielandt-Schuster, U., Hamedani, A. 2007. The Oligo-/Miocene Qom Formation (Iran. evidence for an early Burdigalian restriction of the Tethyan seaway and closure of its Iranian gateways. *International Journal of Earth Science*, 98, 627–650. <https://doi.org/10.1007/s00531-007-0269-9>
- 92 Zuschin, M., Harzhauser, M., Mandic, O. 2007. The stratigraphic and sedimentologic framework of fine-scale faunal replacements in the Middle Miocene of the Vienna Basin (Austria). *Palaios*, 22, 285–295. <https://doi.org/10.2110/palo.2005.p05-023r>
- 91 Gross, M., Fritz, I., Piller, W.E., Soliman, A., Harzhauser, M., Hubmann, B., Moser, B., Scholger, R., Suttner, T.J., Bojar, H.-P. 2007. The Neogene of the Styrian Basin - Guide to Excursions. *Joannea, Geologie und Paläontologie*, 9, 117–193.
- 90 Gross, M., Harzhauser, M., Mandic, O., Piller, W.E., Rögl, F., 2007. A stratigraphic enigma: the age of the Neogene deposits of Graz (Styrian Basin, Austria). *Joannea, Geologie und Paläontologie*, 9, 195–220.
- 89 Harzhauser, M. 2007. Zwischen Kaiser Franz Josef I. und Mickey-Mouse. Wie präsentiert sich eine moderne Systemwissenschaft im historisch-imperialen Rahmen? *Abhandlungen der Geologischen Bundesanstalt*, 60, 71–76.
- 88 Harzhauser, M., Lenneis, E., Neugebauer-Maresch, C. 2007. Freshwater gastropods as Neolithic decoration - size selectiveness and perforation morphology as result of grinding techniques. *Annalen des Naturhistorischen Museums in Wien*, 108A, 73–85.
- 87 Piller, W.E., Harzhauser, M., Mandic, O. 2007. Miocene Central Paratethys stratigraphy – current status and future directions. *Stratigraphy*, 4, 151–168.

- 86 Schütz, K., Harzhauser, M., Rögl, F., Ćorić, S., Galovic, I. 2007. Foraminiferen und Phytoplankton aus dem unteren Sarmatium des südlichen Wiener Beckens (Petronell, Niederösterreich). *Jahrbuch der Geologischen Bundesanstalt*, 147, 449–488.
- 85 Harzhauser, M., Daxner-Höck, G. 2007. Atzelsdorf: in den Sümpfen der Urdonau. In: Hofmann, T. (ed.) *Wien, Niederösterreich, Burgenland. Wanderungen in der Erdgeschichte*, 22, 105–106.
- 84 Harzhauser, M., Hammer, V., Hofmann, T. 2007. Naturhistorisches Museum: Gesamtkunstwerk an der Ringstraße. In: Hofmann, T. (ed.) *Wien, Niederösterreich, Burgenland. Wanderungen in der Erdgeschichte*, 22, 10–13.
- 83 Harzhauser, M., Piller, W.E. 2007. Nexing: Der Muschelberg als Holostratotyp. In: Hofmann, T. (ed.) *Wien, Niederösterreich, Burgenland. Wanderungen in der Erdgeschichte*, 22, 100–102.
- 82 Harzhauser, M., Piller, W.E. 2007. Eisenstadt: Hartl-Lucke – mehr als 150 Bryozoenarten. In: Hofmann, T. (ed.) *Wien, Niederösterreich, Burgenland. Wanderungen in der Erdgeschichte*, 22, 158–160.
- 81 Harzhauser, M., Piller, W.E. 2007. St. Margarethen: Der vielfältigste unter den Steinbrüchen. In: Hofmann, T. (ed.) *Wien, Niederösterreich, Burgenland. Wanderungen in der Erdgeschichte*, 22, 165–168.
- 80 Harzhauser, M., Piller, W.E. 2007. St. Margarethen: Die Sandgrube an der ungarischen Grenze. In: Hofmann, T. (ed.) *Wien, Niederösterreich, Burgenland. Wanderungen in der Erdgeschichte*, 22, 169–170.
- 79 Harzhauser, M., Rupp, C., Zorn, I., Wimmer Frey, I. 2007. Baden-Sooß: Holostratotypus und Naturdenkmal. In: Hofmann, T. (ed.) *Wien, Niederösterreich, Burgenland. Wanderungen in der Erdgeschichte*, 22, 138–141.
- 78 Roetzel, R., Pervesler, P., Harzhauser, M., Mandic, O., Zuschin, M. 2007. Grund: Kurze Hochenergie-Ereignisse in der Kellergasse. In: Hofmann, T. (ed.) *Wien, Niederösterreich, Burgenland. Wanderungen in der Erdgeschichte*, 22, 94–96.
- 77 Roetzel, R., Mandic, O., Harzhauser, M. 2007. Mailberg: Der Leithakalk am Gipfel des Buchberges. In: Hofmann, T. (ed.) *Wien, Niederösterreich, Burgenland. Wanderungen in der Erdgeschichte*, 22, 96–98.
- 
- 76 Jiménez-Moreno, G., Head, M.J., and Harzhauser, M., 2006. Early and Middle Miocene dinoflagellate cyst stratigraphy of the central Paratethys, central Europe. *Journal of Micropalaeontology*, 25, 113–139. <https://doi.org/10.1144/jm.25.2.113>
- 75 Latal, C., Piller, W.E., Harzhauser, M. 2006. Shifts in oxygen and carbon isotope signals in marine molluscs from the Central Paratethys (Europe) around the Lower/Middle Miocene transition. *Palaeogeography, Palaeoclimatology, Palaeoecology*, 231, 347–360, <https://doi.org/10.1016/j.palaeo.2005.08.008>
- 74 Latal, C., Piller, W.E., Harzhauser, M. 2006. Small-scaled environmental changes: indications from stable isotopes of gastropods (Early Miocene, Korneuburg Basin, Austria). *International Journal of Earth Sciences*, 95, 95–106. <https://doi.org/10.1007/s00531-005-0510-3>
- 73 Strauss, P., Harzhauser, M., Hinsch, R., Wagneich, M. 2006. Sequence stratigraphy in a classic pull-apart basin (Neogene, Vienna Basin). A 3D seismic based integrated approach. *Geologica Carpathica*, 57, 185–197.
- 72 Zuschin, M., Harzhauser, M., Sauermoser, K. 2006. Patchiness of local species richness and its implication for large-scale diversity patterns: an example from the middle Miocene of the Paratethys. *Lethaia*, 39, 65–78. <https://doi.org/10.1080/00241160600578687>
- 71 Haring, E., Harzhauser, M., Mair, A., Sattmann, H., Zulka-Schaller, G. 2006. Wege des Wissens. *Forschen und Vermitteln im Naturhistorischen Museum Wien. Neues Museum*, 6, 94–95.
- 70 Harzhauser, M., Sovis, W., Schmid, B. 2006. Das Korneuburger Becken – ein Ort der erdgeschichtlichen Superlative. *Wissenschaftliche Nachrichten*, 128, 11–18.
- 69 Harzhauser, M., Sovis, W., Schmid, B. 2006. Die Perltaucher von Korneuburg. *Universum*, 3, NHMW 4–6.
- 68 Lukeneder, A., Harzhauser, M. 2006. Dinos, Andere Saurier – im Naturhistorischen Museum Wien. *Naturhistorischen Museum Wien*, 1–40., 52 Abb., Alwa Deil, Wien.
- 
- 67 Piller, W.E., Harzhauser, M. 2005. The Myth of the Brackish Sarmatian Sea. *Terra Nova*, 17, 450–455. <https://doi.org/10.1111/j.1365-3121.2005.00632.x>
- 66 Zuschin, M., Harzhauser, M., Mandic, O. 2005. Influence of Size-sorting on Diversity Estimates from Tempestitic Shell Beds in the Middle Miocene of Austria. *Palaios*, 20, 142–158. <https://doi.org/10.2110/palo.2003.p03-87>
- 65 Harzhauser, M., Rögl, F., Steininger, H. 2005. Die maritime Vergangenheit Österreichs – ein Vorwort. In: Steininger, H., Steiner, E. (eds.) *Meeresstrand am Alpenrand. Molassemeer und Wiener Becken*. 9–12, publication PN\*1, Bibliothek der Provinz.

- 64 Harzhauser, M., Rögl, F. 2005. Das Werden der Paratethys. Paläogen. In: Steininger, H., Steiner, E. (eds.) Meeresstrand am Alpenrand. Molassemeer und Wiener Becken. 13–16, publication PN<sup>o</sup>1, Bibliothek der Provinz.
- 63 Harzhauser, M., Rögl, F. 2005. Die fossilreichsten Schichten Niederösterreichs. Neogen. In: Steininger, H., Steiner, E. (eds.) Meeresstrand am Alpenrand. Molassemeer und Wiener Becken. 19, publication PN<sup>o</sup>1, Bibliothek der Provinz.
- 62 Harzhauser, M., Rögl, F., Steininger, H. 2005. Tropenstrände am Rande des Weinviertler Molassemeeres. Eggenburgium. In: Steininger, H., Steiner, E. (eds.) Meeresstrand am Alpenrand. Molassemeer und Wiener Becken. 25–31, publication PN<sup>o</sup>1, Bibliothek der Provinz.
- 61 Harzhauser, M., Rögl, F. 2005. Vertreibung aus dem Paradies. Ottnangium. In: Steininger, H., Steiner, E. (eds.) Meeresstrand am Alpenrand. Molassemeer und Wiener Becken. 35–36, publication PN<sup>o</sup>1, Bibliothek der Provinz.
- 60 Harzhauser, M., Rögl, F. 2005. Artenvielfalt ohne Ende. Karpatium und Badenium. In: Steininger, H., Steiner, E. (eds.) Meeresstrand am Alpenrand. Molassemeer und Wiener Becken. 43–49, publication PN<sup>o</sup>1, Bibliothek der Provinz.
- 59 Harzhauser, M., Rögl, F. 2005. Vom Wattenmeer in den Persischen Golf. Sarmatium. In: Steininger, H., Steiner, E. (eds.) Meeresstrand am Alpenrand. Molassemeer und Wiener Becken. 57–60, publication PN<sup>o</sup>1, Bibliothek der Provinz.
- 58 Harzhauser, M., Rögl, F., Daxner-Höck, G. 2005. Das Ende eines Meeres: Brackwassersee und Urdonau. Pannonium. – In: Steininger, H., Steiner, E. (eds.) Meeresstrand am Alpenrand. Molassemeer und Wiener Becken. 69–76, publication PN<sup>o</sup>1, Bibliothek der Provinz.
- 57 Harzhauser, M. 2005. Evolution in der Schottergrube. *Universum*, 12, 12–14.

- 
- 56 Ćorić, S., Harzhauser, M., Hohenegger, J., Mandić, O., Pervesler, P., Roetzel, R., Rögl, F., Spezzaferri, S., Stingl, K., Svábennická, L., Zorn, I., Zuschin, M. 2004. Stratigraphy and correlation of the Grund Formation in the Molasse Basin, northeastern Austria (Middle Miocene, Lower Badenian). *Geologica Carpathica*, 55, 207–215.
- 55 Harzhauser, M., Binder, H. 2004. Pannonian Molluscs from the sections Richardhof and Eichkogel in the Vienna Basin (Austria, Late Miocene). *Archiv für Molluskenkunde*, 133, 109–165. <https://doi.org/10.1127/arch.moll/133/2004/109>
- 54 Harzhauser, M., Kowalke, T. 2004. Survey of the Nassariid Gastropods in the Neogene Paratethys. *Archiv für Molluskenkunde*, 133, 1–63. <https://doi.org/10.1127/arch.moll/133/2004/1>
- 53 Harzhauser, M., Mandić, O. 2004. The muddy bottom of Lake Pannon - a challenge for dreissenid settlement (Late Miocene, Bivalvia). *Palaeogeography, Palaeoclimatology, Palaeoecology*, 204, 331–352. [https://doi.org/10.1016/S0031-0182\(03\)00735-1](https://doi.org/10.1016/S0031-0182(03)00735-1)
- 52 Harzhauser, M., Piller, W.E. 2004. Integrated Stratigraphy of the Sarmatian (Upper Middle Miocene) in the western Central Paratethys. *Stratigraphy*, 1, 65–86.
- 51 Kowalke, T., Harzhauser, M. 2004. Early ontogeny and paleoecology of the Miocene rissoid gastropods of the Central Paratethys. *Acta Palaeontologica Polonica*, 49, 111–134.
- 50 Latal, C., Piller, W.E., Harzhauser, M. 2004. Paleoenvironmental Reconstruction by stable isotopes of Middle Miocene Gastropods of the Central Paratethys. *Palaeogeography, Palaeoclimatology, Palaeoecology*, 211, 157–169. <https://doi.org/10.1016/j.palaeo.2004.05.003>
- 49 Zuschin, M., Harzhauser, M., Mandić, O. 2004. Taphonomy and paleoecology of the Lower Badenian (Middle Miocene) molluscan assemblages at Grund (Lower Austria). *Geologica Carpathica*, 55, 117–128.
- 48 Piller, W.E., Egger, H., Erhart, C., Gross, M., Harzhauser, M., Hubmann, B., van Husen, D., Krenmayr, H.-G., Krystyn, L., Lein, R., Lukeneder, A., Mandl, G., Rögl, F., Roetzel, R., Rupp, C., Schnabel, W., Schönlaub, H.P., Summesberger, H. & Wägrich, M., 2004. Die Stratigraphische Tabelle von Österreich 2004 (sedimentäre Schichtfolgen). Österreichische stratigraphische Kommission und Kommission für die paläontologische und stratigraphische Erforschung Österreichs.
- 47 Harzhauser, M. 2004. Mollusc based Biostratigraphy of the Clay Pit Mataschen in the Styrian Basin (Pannonian). *Joannea, Geologie und Paläontologie*, 5, 149–161.
- 46 Harzhauser, M. 2004. Oligocene Gastropod Faunas of the Eastern Mediterranean (Mesohellenic Trough/Greece and Esfahan-Sirjan Basin/Central Iran). *Courier Forschungsinstitut Senckenberg*, 248, 93–181.
- 45 Harzhauser, M., Daxner-Höck, G., Piller, W.E. 2004. An integrated stratigraphy of the Pannonian (Late Miocene) in the Vienna Basin. *Austrian Journal of Earth Science*, 95/96, 6–19.
- 44 Harzhauser, M., Piller, W.E. 2004. The Early Sarmatian - hidden seesaw changes. *Courier Forschungsinstitut Senckenberg*, 246, 89–112.
- 43 Harzhauser, M., Tempfer, P.M. 2004. Late Pannonian Wetland Ecology of the Vienna Basin based on Molluscs and Lower Vertebrate Assemblages (Late Miocene, MN 9, Austria). *Courier Forschungsinstitut Senckenberg*, 246, 55–68.

- 42 Kováč, M., Barath, I., Harzhauser, M., Hlavaty, I., Hudackova, N. 2004. Miocene depositional systems and sequence stratigraphy of the Vienna Basin. *Courier Forschungsinstitut Senckenberg*, 246, 187–212.
- 41 Lukeneder, A., Harzhauser, M. 2004. The Cretaceous coleoid *Dorateuthis syriaca* Woodward: morphology, feeding habits and phylogenetic implications. *Annalen des Naturhistorischen Museums in Wien*, 106A, 213–225.
- 40 Mandic, O., Harzhauser, M., Roetzel, R. 2004. Taphonomy of spectacular shell accumulations from the type stratum of the Central Paratethys stage Eggenburgian (Early Miocene, NE Austria). *Courier Forschungsinstitut Senckenberg*, 246, 69–88.
- 39 Mandic, O., Harzhauser, M., Schlaf, J., Piller, W.E., Schuster, F., Wielandt-Schuster, U., Nebelsick, J.H., Kroh, A., Rögl, F., Bassant, P. 2004. Palaeoenvironmental Reconstruction of an Epicontinental Flooding - Burdigalian (Early Miocene) of the Mut Basin (Southern Turkey). *Courier Forschungsinstitut Senckenberg*, 248, 57–92.
- 38 Wielandt-Schuster, U., Schuster, F., Harzhauser, M., Mandic, O., Kroh, A., Rögl, F., Reisinger, J., Liebetrau, V., Steininger, F.F., Piller, W.E. 2004. Stratigraphy and paleoecology of Oligocene and Early Miocene sedimentary sequences of the Mesohellenic Basin (NW Greece). *Courier Forschungsinstitut Senckenberg*, 248, 1–55.
- 37 Zuschin, M., Harzhauser, M., Mandic O. 2004. Palaeoecology and taphonomy of a single parautochthonous Paratethyan tidal flat deposit (Karpatian, Lower Miocene - Kleinebersdorf, Lower Austria). *Courier Forschungsinstitut Senckenberg*, 246, 153–168.
- 36 Harzhauser, M., Daxner-Höck, G., Kollmann, H., Kovar-Eder, J., Rögl, F., Schultz, O., Summersberger, H. 2004. 100 Schritte Erdgeschichte. Die Geschichte der Erde und des Lebens im Naturhistorischen Museum in Wien. *Naturhistorisches Museum*, 1–96, 1 Faltafel, Verlag Naturhistorisches Museum Wien.
- 35 Harzhauser, M., Höck, G., Kroh, A., Schultz, O., Rögl, F. 2004. Vom Binnenmeer zur Urdonau. CD-ROM, Wien.
- 
- 34 Harzhauser, M., Kovar-Eder, J., Nehyba, S., Ströbitzer-Hermann, M., Schwarz, J., Wójcicki, J., Zorn, I. 2003. An Early Pannonian (Late Miocene) Transgression in the Northern Vienna Basin - The Paleocological Feedback. *Geologica Carpathica*, 54, 41–52.
- 33 Harzhauser, M., Mandic, O., Zuschin, M. 2003. Changes in Paratethyan marine molluscs at the Early/Middle Miocene transition - diversity, paleogeography and paleoclimate. *Acta Geologica Polonica*, 53, 323–339.
- 32 Lukeneder, A., Harzhauser, M. 2003. *Olcostephanus guebhardi* as cryptic habitat for an Early Cretaceous coelobite-community (Valanginian, Northern Calcareous Alps, Austria). *Cretaceous Research*, 24, 477–485. [https://doi.org/10.1016/S0195-6671\(03\)00066-1](https://doi.org/10.1016/S0195-6671(03)00066-1)
- 31 Fernámdez, E.A., Harzhauser, M., Vera-Peláez, J.L. 2003. Estudio de Escafópodos (Mollusca, Scaphopoda) de la „Tumba calero“ de la pena de la Abula, Soria. *Nvmantia*, 14, 311–316.
- 30 Harzhauser, M. 2003. Marine Gastropods, Scaphopods and Cephalopods of the Karpatian in the Central Paratethys. - In: Brzobohatý, R. Cicha, I., Kováč, M., Rögl, F. (eds.) *The Karpatian - a Lower Miocene Stage of the Central Paratethys*. 193–201, Masaryk University, Brno.
- 29 Harzhauser, M., Daxner-Höck, G., Boon-Kristkoiz, E., Čorić, S., Mandic, O., Miklas-Tempfer, P., Roetzel, R., Rögl, F., Schultz, O., Spezzaferri, S., Ziegler, R., Zorn, I. 2003. Palaeoecology and biostratigraphy of the section Mühlbach (Gaindorf Formation, lower Middle Miocene, Lower Badenian, Austria). *Annalen des Naturhistorischen Museums in Wien*, 104A, 323–334.
- 28 Harzhauser, M., Wessely, G. 2003. The Karpatian of the Korneuburg Basin (Lower Austria). In: Brzobohatý, R. Cicha, I., Kováč, M., Rögl, F. (eds.) *The Karpatian - a Lower Miocene Stage of the Central Paratethys*. 107–110, Masaryk University, Brno.
- 27 Kováč, M., Andreyeva-Grigorovich, A.S., Brzobohatý, R., Fodor, L., Harzhauser, M., Oszczytko, N., Pavelic, D., Rögl, F., Saftic, B., Sliva, L., Stranik, Z. 2003. Karpatian Paleogeography, Tectonics and Eustatic Changes. In: Brzobohatý, R. Cicha, I., Kováč, M., Rögl, F. (eds.) *The Karpatian - a Lower Miocene Stage of the Central Paratethys*. 49–72, Masaryk University, Brno.
- 26 Kroh, A., Harzhauser, M., Piller, W.E., Rögl, F. 2003. The Lower Badenian (Middle Miocene) Hartl Formation (Eisenstadt-Sopron Basin, Austria). *Österreichische Akademie der Wissenschaften, Schriftenreihe Erdwissenschaftliche Kommissionen*, 16, 87–109.
- 25 Mandic, O., Harzhauser, M. 2003. Molluscs from the Badenian (Middle Miocene) of the Gaindorf Formation (Alpine Molasse Basin, NE Austria) - Taxonomy, Paleoecology and Biostratigraphy. *Annalen des Naturhistorischen Museums in Wien*, 104A, 85–127.
- 24 Rögl F., Brzobohatý, R. Cicha I., Čorić, S., Daxner-Höck G., Dolakova, N., Harzhauser, M. 2003. Paleobiological characterization and definition of the Karpatian stage. In: Brzobohatý, R. Cicha, I., Kováč, M., Rögl, F. (eds.) *The Karpatian - a Lower Miocene Stage of the Central Paratethys*. 357–360, Masaryk University, Brno.

- 23 Rögl, F., Ćorić, S., Daxner-Höck, H., Harzhauser, M., Mandic, O., Svábenická, L., Zorn, I. 2003. Correlation of the Karpatian Stage. Brzobohatý, R. Cicha, I., Kováč, M., Rögl, F. (eds.) The Karpatian - a Lower Miocene Stage of the Central Paratethys. 27–34, Masaryk University, Brno.
  - 22 Harzhauser, M., 2003. Mehr als nur Steine - Die Erdgeschichte im Naturhistorischen Museum als faszinierende Zeitreise. Bioskop, 1/03, 4–5.
- 
- 21 Harzhauser, M., Kowalke, T. 2002. Sarmatian (Late Middle Miocene) Gastropod Assemblages of the Central Paratethys. Facies, 46, 57–82. <https://doi.org/10.1007/BF02668073>
  - 20 Harzhauser, M., Piller, W.E. Steininger, F.F. 2002. Circum-Mediterranean Oligo/Miocene Biogeographic Evolution - the Gastropods' Point of View. Palaeogeography, Palaeoclimatology, Palaeoecology, 183, 103–133. [https://doi.org/10.1016/S0031-0182\(01\)00464-3](https://doi.org/10.1016/S0031-0182(01)00464-3)
  - 19 Harzhauser, M. 2002. Scaphopoda aus dem Karpatium (Untermiozän) des Korneuburger Beckens (Niederösterreich). Beiträge zur Paläontologie, 27, 205–213.
  - 18 Harzhauser, M. 2002. Marine und brachyhaline Gastropoden aus dem Karpatium des Korneuburger Beckens und der Kreuzstettener Bucht (Österreich, Untermiozän). Beiträge zur Paläontologie, 27, 61–159.
  - 17 Harzhauser, M., Böhme, M., Mandic, O., Hofmann, Ch.-Ch. 2002. The Karpatian (Late Burdigalian) of the Korneuburg Basin - A Palaeoecological and Biostratigraphical Synthesis. Beiträge zur Paläontologie, 27, 441–456.
  - 16 Harzhauser, M., Kowalke, T., Mandic, O. 2002. Late Miocene (Pannonian) Gastropods of Lake Pannon with Special Emphasis on Early Ontogenetic Development. Annalen des Naturhistorischen Museums Wien, 103A, 75–141.
  - 15 Harzhauser, M., Mandic, O. 2002. Late Oligocene Gastropods and Bivalves from the Lower and Upper Austrian Molasse Basin. Österreichische Akademie der Wissenschaften, Schriftenreihe der Erdwissenschaftlichen Kommissionen, 14, 671–795.
  - 14 Lukeneder, A., Harzhauser, M. 2002. Palaeoenvironmental analysis of a new occurrence of *Rhynchoteuthis gibber* (Till, 1907) in the Alpine Lower Cretaceous (Cephalopoda, Valanginian, Northern Calcareous Alps, Upper Austria). Schriftenreihe der Erdwissenschaftlichen Kommissionen, 15, 185–203.
  - 13 Lukeneder, A., Harzhauser, M. 2002. Shell Accumulations of the Nautilidae *Aturia (Aturia) aturi* in the Lower Miocene Paratethys. Abhandlungen der Geologischen Bundesanstalt, 57, 459–466.
  - 12 Mandic, O., Harzhauser, M., Spezzaferri, S., Zuschin, M. 2002. The palaeoenvironment of an early Middle Miocene Paratethys sequence in NE Austria with special emphasis on paleoecology of mollusks and foraminifera. Geobios, Mémoires spécial, 24, 193–206, [https://doi.org/10.1016/S0016-6995\(02\)00059-1](https://doi.org/10.1016/S0016-6995(02)00059-1)
  - 11 Harzhauser, M., 2002. Die Neugestaltung der Geologisch-Paläontologischen Schausammlung des Naturhistorischen Museums in Wien. Museum Aktuell, 2002, 3203–3204.
- 
- 10 Harzhauser, M. 2001. *Strombus (Dilatilabrum) roegli* sp. nov. - a giant Oligocene strombid (Gastropoda) and its bearing on palaeoclimatic reconstructions of the Western Tethys. Annalen des Naturhistorischen Museums in Wien, 102A, 51–67.
  - 9 Harzhauser, M., Kowalke, T. 2001. Early Miocene brackish-water Mollusca from the Eastern Mediterranean and from the Central Paratethys - a faunistic and ecological comparison by selected faunas. Journal of the Czech Geological Society, 46, 353–374.
  - 8 Schmid, H.P., Harzhauser, M., Kroh, A. 2001. Hypoxic Events on a Middle Miocene Carbonate Platform of the Central Paratethys (Austria, Badenian, 14 Ma) with contributions by Ćorić, S., Rögl, F., Schultz, O. Annalen des Naturhistorischen Museums in Wien, 102A, 1–50.
  - 7 Zuschin, M., Mandic, O., Harzhauser, M., Pervesler, P. 2001. Fossil evidence for chemoautotrophic bacterial symbiosis in the thyasirid bivalve *Thyasira michelottii* from the Middle Miocene (Badenium) of Austria. Historical Biology, 15, 223–234, <https://doi.org/10.1080/10292380109380594>
  - 6 Harzhauser, M. 2001. Der Lido von Grinzing - eine maritime Zeitreise. Das Naturhistorische, 5, 5–8.
- 
- 5 Harzhauser, M., Schmid, H.-P., Mandic, O. 2000. St. Margarethen - Erläuterungen zur Geologischen Karte Burgenland 1:200 000, Geologische Bundesanstalt.
  - 4 Piller, W.E., Daxner-Höck, G., Dommning, D.P, Forke, H.C., Harzhauser, M., Hubmann, B., Kollmann, H.A., Kovar-Eder, J., Krystyn, L., Nagel, D., Pervesler, P., Rabeder, G., Roetzel, R., Sanders, D., Summesberger, H. 2000 (eds.) Palaeontological Highlights of Austria. Mitteilungen der Österreichischen Geologischen Gesellschaft, 92, 195–233.

- 3 Piller, W.E., Harzhauser, M. 2000. Badenian (Middle Miocene) Ecosystems. In: Piller, W.E., Daxner-Höck, G., Dommning, D.P., Forke, H.C., Harzhauser, M., Hubmann, B., Kollmann, H.A., Kovar-Eder, J., Krystyn, L., Nagel, D., Pervesler, P., Rabeder, G., Roetzel, R., Sanders, D., Summesberger, H. (eds.) *Palaeontological Highlights of Austria*. Mitteilungen der Österreichischen Geologischen Gesellschaft, 92, 220–225.

---

- 2 Harzhauser, M. 1999. Filling a Gap - Beaks and Hooks of Cenozoic Coleoids (Cephalopoda). *Annalen des Naturhistorischen Museums in Wien*, 101A, 123–135.
- 1 Kroh, A., Harzhauser, M. 1999. An Echinoderm Fauna from the Lower Miocene of Austria: Paleoecology and Implications for Central Paratethys Paleobiogeography. *Annalen des Naturhistorischen Museums in Wien*, 101A, 145–191.

## Abstracts

- 441 Björn Berning, B. Filek, T., Hofmayer, F., Feichtinger, I., Pollerspöck, J., Zwicker, J., Smrzka, D., Peckmann, J., Kranner, M., Mandic, O., Reichenbacher, B., Kroh, A., Uchman, A., Roetzel, R., Harzhauser, M. 2021. Alter Aufschluss, neue Funde und Interpretationen: die Transgressionsabfolge von Unterrudling bei Eferding (Egerium, Oberoligozän). 26. Jahrestagung der Österreichische Paläontologische Gesellschaft, 3.-5. September 2021, Salzburg, Programm und Kurzfassungen, p. 8.
  - 440 Feichtinger, I., Guinot, G., Pollerspöck, J., Ćorić, S., Kranner, M., Harzhauser, M. 2021. Consequences of the K/Pg mass extinction event on Chondrichthyan evolution in the Tethyan Realm. PALAEOVC 2021, 3<sup>rd</sup> Palaeontological Virtual Congress, December 1<sup>st</sup>-15<sup>th</sup>.
  - 439 Harzhauser, M., Landau, B.M. 2021. PALAEOVC 2021, 3<sup>rd</sup> Palaeontological Virtual Congress, December 1<sup>st</sup>-15<sup>th</sup>.
  - 438 Harzhauser, M., Landau, B.M. 2021. Taxonomy has no shortcuts. Why revisions are crucial for data analysis in Paleontology. 26. Jahrestagung der Österreichische Paläontologische Gesellschaft, 3.-5. September 2021, Salzburg, Programm und Kurzfassungen, p. 4.
  - 437 Harzhauser, M., Neubauer, T.A. 2021. The European Cenozoic land snail faunas – extinctions and turnovers. Abstracts of the 92 Annual Meeting of the Paläontologische Gesellschaft, Vienna, Austria, September 27 to October 1, 2021. *Berichte der Geologischen Bundesanstalt*, 142, p. 28.
  - 436 Harzhauser, M., Neubauer, T.N. 2021. The European Cenozoic land snail record: dispersals, extinctions and the dawn of the modern fauna. 2<sup>nd</sup> MoFA Conference, September 23-24, 2021, Natural History Museum Vienna, p. 8.
  - 435 Kranner, M., Harzhauser, M., Mandic, O., Strauss, P., Siedl, W., Piller, W.E. 2021. Palaeobathymetrical and palaeoecological development in the Vienna basin (Austria) during the early and middle Miocene. Abstracts of the 92 Annual Meeting of the Paläontologische Gesellschaft, Vienna, Austria, September 27 to October 1, 2021. *Berichte der Geologischen Bundesanstalt*, 142, p. 46.
  - 433 Kranner, M., Harzhauser, M., Mandic, O., Strauss, P., Siedl, W., Piller, W.E. 2021. Changing paleobathymetry and paleoenvironments in the Austrian Vienna Basin during the early and middle Miocene. 26. Jahrestagung der Österreichische Paläontologische Gesellschaft, 3.-5. September 2021, Salzburg, Programm und Kurzfassungen, p. 17.
  - 432 Mandic, O., Harzhauser, M., Neubauer, T.A. 2021. Taxonomy, palaeoecology and stratigraphy of the middle Miocene mollusk fauna from the gračanica coal pit near Bugojno in Bosnia and Herzegovina. PALAEOVC 2021, 3<sup>rd</sup> Palaeontological Virtual Congress, December 1<sup>st</sup>-15<sup>th</sup>.
  - 431 Mandic, O., Schneider, S., Harzhauser, M., Danninger, W. 2021. Bivalves from the Innviertel group of Allerding in the North Alpine Foreland Basin (lower Miocene, upper Austria). Abstracts of the 92 Annual Meeting of the Paläontologische Gesellschaft, Vienna, Austria, September 27 to October 1, 2021. *Berichte der Geologischen Bundesanstalt*, 142, p. 59.
  - 430 Mandic, O., Schneider, S., Harzhauser, M., Danninger, W. 2021. Bivalves from the Innviertel Group of Allerding in the North Alpine Foreland Basin (Lower Miocene, Upper Austria). 26. Jahrestagung der Österreichische Paläontologische Gesellschaft, 3.-5. September 2021, Salzburg, Programm und Kurzfassungen, p. 5.
  - 429 Pollerspöck, J., Feichtinger, I., Harzhauser, M., Guinot, G., Adnet, S. 2021. Hai Life in St. Pankraz - elasmobranch diversity from the Cretaceous to Eocene. 26. Jahrestagung der Österreichische Paläontologische Gesellschaft, 3.-5. September 2021, Salzburg, Programm und Kurzfassungen, p. 12.
-

- 428 Kranner, M., Harzhauser, M., Mandic, O., Piller, W.E., Ćorić, S., Strauss, P., Siedl, W. 2020. Biostratigraphic Correlation of Miocene Drillings in the Vienna Basin (Austria) - Integrated Neogene Stratigraphy of the Largest Onshore Petroleum Province in Central Europe (Vienna Basin, Austria). EGU General Assembly 2020 (online, 2020) <<https://doi.org/10.5194/egusphere-egu2020-13410>>
- 
- 427 Feichtinger, I., Kranner, M., Zeitlinger, F., Pollerspöck, J., Harzhauser, M. 2019. New data on the elasmobranch fauna of the Eferding Formation (Egerian, North Alpine Foreland Basin) of Austria. Tagungsband, 25. Jahrestagung ÖPG Bad Vöslau (presented at the 25. Jahrestagung der Österreichischen Paläontologischen Gesellschaft, Bad Vöslau, 2019), p. 12
- 426 Harzhauser, M. 2019. Why names do count! Tagungsband, 25. Jahrestagung ÖPG Bad Vöslau (presented at the 25. Jahrestagung der Österreichischen Paläontologischen Gesellschaft, Bad Vöslau, 2019), p. 15
- 425 Harzhauser, M., Kroh, A. 2019. Die Paläontologische Sammlung Des Naturhistorischen Museums in Wien. Status, Strategien Und Synergien. Programm Zum Treffen Der Kuratorinnen Und Kuratoren Naturwissenschaftlicher Sammlungen, Graz, 24.–25. April 2019 (presented at the Treffen der Kuratorinnen und Kuratoren naturwissenschaftlicher Sammlungen, Graz, 2019).
- 424 Scharfetter, A., Harzhauser, M., Kroh, A., Scheuer, C., Schröck, C., Zernig, K. 2019. Positionspapier Zur Bedeutung von Naturwissenschaftlichen Beleg-Sammlung. Zum Treffen Der Kuratorinnen Und Kuratoren Naturwissenschaftlicher Sammlungen, Graz, 24.–25. April 2019 (presented at the Treffen der Kuratorinnen und Kuratoren naturwissenschaftlicher Sammlungen, Graz, 2019)
- 423 Harzhauser, M., Mandic, O., Kranner, M., Piller, W.E., Strauss, P., Siedl, W. 2019. Regional Tectonics versus Global Climate – Which Process Governed the Depositional Environments in the Central Paratethys? Book of Abstracts AAPG Europe Regional Conference ‘Paratethys Petroleum Systems - Between Central Europe and the Caspian Region’, 26-27 March 2019 (presented at the AAPG Europe Regional Conference ‘Paratethys petroleum systems - Between Central Europe and the Caspian Region’, Vienna, Austria, 2019), p. 40 <<https://erc.aapg.org/2019/>>
- 422 Kranner, M., Harzhauser, M., Mandic, O., Piller, W.E., Strauss, P., Siedl, W. 2019. An Integrated Stratigraphic Cross Correlation through Mayor Oilfields of the Vienna Basin. Paratethys Petroleum Systems between Central Europe and the Caspian Region. 26-27 March 2019, Vienna. Book of Abstracts (presented at the Paratethys Petroleum Systems between Central Europe and the Caspian Region, Wien, 2019), p. 41 <<https://erc.aapg.org/2019/>>
- 421 Kranner, M., Harzhauser, M., Mandic, O., Piller, W.E., Strauss, P., Siedl, W. 2019. Biostratigraphic correlation and paleoecological reconstruction of Miocene drillings in the Vienna Basin. Tagungsband, 25. Jahrestagung ÖPG Bad Vöslau (presented at the 25. Jahrestagung der Österreichischen Paläontologischen Gesellschaft, Bad Vöslau, 2019), p. 17
- 420 Mandic, O., Harzhauser, M. 2019. Current Status of the Central Paratethys Neogene Stratigraphy. Paratethys Petroleum Systems between Central Europe and the Caspian Region. 26-27 March 2019, Vienna. Book of Abstracts (presented at the Paratethys Petroleum Systems between Central Europe and the Caspian Region, Wien, 2019), p. 35 <<https://erc.aapg.org/2019/>>
- 419 Palópolo, E.E., Casadio, S., Kroh, A., Harzhauser, M., Griffin, M. 2019. Life and Death in a Submarine Volcanic Ash Dune: The Case of a Group of Patagonian Miocene Echinoids. Reunión de Comunicaciones de La Asociación Paleontológica Argentina, 27 al 29 de Noviembre de 2019, Libro de Resúmenes (presented at the Reunión de Comunicaciones de la Asociación Paleontológica Argentina, La Plata: Asociación Paleontológica Argentina, 2019), p. 137
- 418 Reuter, M., Bosellini, F.R., Budd, A.F., Harzhauser, M., Ćorić, S., Piller, W.E. 2019. Miocene Coral Biogeography in the Indian Ocean. 13th International Symposium on Fossil Cnidaria and Porifera, Modena, 3-6 September 2019, Abstract Book, ed. by Francesca R. Bosellini, Markus Aretz, Cesare A. Papazzoni, and Alessandro Vescogni (presented at the 13th International Symposium on Fossil Cnidaria and Porifera, Modena, 2019), p. 55 <<http://www.13thfossilcnidaria.unimore.it/wp-content/uploads/2019/09/Abstract-book-ISFCP-2019.pdf>>
- 417 Siedl, W., Strauss, P., Harzhauser, M., Kuffner, T. 2019. A Revised Sequence Stratigraphic Framework and Depositional Model of the (Austrian) Vienna Basin Based on 3D Seismic Survey and Its Application for Future near Field Hydrocarbon Exploration. Paratethys Petroleum Systems between Central Europe and the Caspian Region. 26-27 March 2019, Vienna. Book of Abstracts (presented at the Paratethys Petroleum Systems between Central Europe and the Caspian Region, Wien, 2019), p. 42 <<https://erc.aapg.org/2019/>>
- 416 Thivaoui, T., Mathias Harzhauser, and Eferpi Koskeridou, ‘The Lost Mangrove and Mudflat-Associated Gastropods of Europe: The Genus Terebralia in the European Oligocene and Miocene’, in 2019 EGU General Assembly Geophysical Research Abstracts (presented at the 2019 EGU General Assembly, Vienna, 2019), XXI, EGU2019-16107
-

- 415 Harzhauser, M., Theobalt, D., Strauss, P., Mandic, O., Kranner, M., Piller, W.E. 2018. Seismic-Based Lower and Middle Miocene Stratigraphy in the Northwestern Vienna Basin (Austria). Abstracts, *Geologica Balcanica* (presented at the XXI International Congress of the Carpathias Balkan Geological Association, Salzburg, Austria, 2018), p. 102
- 414 Harzhauser, M., Mandic, O., Kranner, M., Lukeneder, P., Kern, A.K., Gross, M. and others, 2018. The Sarmatian/Pannonian Boundary at the Western Margin of the Vienna Basin (City of Vienna, Austria). Program and Abstracts (presented at the OeAD Workshop Vienna, Vienna Austria, 2018), p. 10
- 413 Harzhauser, M., Mandic, O., Kranner, M., Lukeneder, P., Kern, A.K., Gross, M., and others, 2017. Mind the Gap! The Sarmatian/Pannonian Boundary at the Western Margin of the Vienna Basin (City of Vienna, Austria). *Pangeo Austria 2018 Abstracts* (presented at the Pangeo Austria, Vienna Austria: Berichte der Geologischen Bundesanstalt, 2018), CXXVIII, 45
- 412 Harzhauser, M., Mandic, O., Kranner, M., Lukeneder, P., Kern, A.K., Gross, M., and others, 2017. Miocene of the Alpine-Carpathian Foredeep and the Northern Vienna Basin. Program and Abstracts (presented at the OeAD Workshop Vienna, Vienna Austria, 2018), p. 6
- 411 Kranner, M., Harzhauser, M., Mandic, O., Piller, W.E., Strauss, P., Siedl, W. 2018. Neogene Foraminifera as Tool for Biostratigraphic Cross-Correlation of Major Oilfields in the Vienna Basin. Abstracts (presented at the Forams 2018, International Symposium on Foraminifera Foraminifera in a Changing World, Edinburgh, 2018), pp. 351–52
- 410 Kranner, M., Harzhauser, M., Mandic, O., Piller, W.E., Strauss, P., Siedl, W. 2018. Neogene Foraminifera as Tool for Biostratigraphic Cross-Correlation of Major Oilfields in the Vienna Basin. *Pangeo Austria 2018 Abstracts*, Berichte Der Geologischen Bundesanstalt (presented at the Pangeo Austria, Vienna Austria, 2018), CXXVIII, 82
- 409 Kranner, M., Harzhauser, M., Mandic, O., Piller, W.E., Strauss, P., Siedl, W. 2018. Neogene Stratigraphy of the Vienna Basin - Case Studies from the Bernhardsthal Oil Field. Program and Abstracts (presented at the OeAD Workshop Vienna, Vienna Austria, 2018), p. 68
- 408 Kranner, M., Mandic, O., Harzhauser, M., Jawecki, C. 2018. The Terminal Phase of the Sarmatian in the Western Vienna Basin. Abstracts (presented at the Forams 2018, International Symposium on Foraminifera Foraminifera in a Changing World, Edinburgh, 2018), pp. 349–50
- 407 Lukács, R., Roetzel, R., Nehyba, R., Marković, F., Sant, K., Harzhauser, M., and others, 2018. Towards the Integrated Paleotephra Record of the Large Miocene Silicic Volcanic Eruptions of the Carpathian-Pannonian Region. Abstracts, *Geologica Balcanica* (presented at the XXI International Congress of the Carpathias Balkan Geological Association, Salzburg, Austria, 2018), p. 120
- 406 Mandic, O., Harzhauser, M. 2018. Current Status of the Central Paratethys Neogene Stratigraphy. *Pangeo Austria 2018 Abstracts*, Berichte Der Geologischen Bundesanstalt (presented at the Pangeo Austria, Vienna Austria, 2018), CXXVIII, 95
- 
- 405 Gross, M., Doubrawa, M., Harzhauser, M. 2017. Zum Fluviatilen Hinterland Des Obersarmatischen Meeres: Eine Seltene Spätmittelmiozäne Fossilfundstelle Im Oststeirischen Becken. Abstracts and Program (presented at the 23. Jahrestagung der ÖPG in Graz, Graz, Austria, 2017), p. 10
- 404 Harzhauser, M., 2017 Importance of Milanković Theory in Geology and Stratigraphy. Abstracts (presented at the Earth Day: Milanković at the Academy Library, Budapest (1914-1918), Budapest, 2017), p. 4
- 403 Harzhauser, M., Djuricic, A., Mandic, O., Zuschin, M., Pfeifer, N. 2017. Taphonomy and Population Structure of an Early Miocene *Crassostrea* Shell Bed Based on the Analysis of 3D Point Cloud Data. Programme and Abstracts (presented at the 8th International Meeting on Taphonomy and Fossilization, Vienna, Austria, 2017), p. 58
- 402 Mandic, O., Carobene, D., Harzhauser, M., Göhlich, U.B., Roetzel, R., Spötl, C., and others 2017 Taphonomy of the Bullendorf Mammoth Site in Lower Austria. Programme and Abstracts (presented at the 8th International Meeting on Taphonomy and Fossilization, Vienna, Austria, 2017), pp. 72–73
- 401 Mandic, O., Kurečić, T., Neubauer, T.A., Harzhauser, M. 2017. Cernikian – a New Plio-Pleistocene Regional Stage of the Southern Pannonian Basin. Abstracts (presented at the 7th international workshop, Neogene of the Paratethyan region, Zagreb, Croatia: Croatian Geological Society, 2017)
- 400 Maridet, O., Daxner-Höck, G., Costeur, L., Erbajeva, M.A., Göhlich, U.B., Harzhauser, M. and others, 2017. Palaeoenvironmental Changes Around the Paleogene/Neogene Border in Central Mongolia (Valley Of Lakes) as Inferred from the Mammal Assemblages During 11 My of Evolution. *Zitteliana*, 2017, XCI, 58
- 399 Neubauer, T.A., Georgopoulou, E., Harzhauser, M., Mandic, O., Kroh, A. 2017. What Explains Shell Size Variation in Snails of Recent and Extinct Long-Lived Lakes? Book of Abstracts (presented at the EUROMAL, 8th European Congress of Malacological Societies, Kraków, Poland, 2017), p. 39

- 398 Piller, W.E., Harzhauser, M., Richoz, S., Baldermann, A., Erbajeva, M., Daxner-Höck, G. 2017. Stepwise Onset of the Icehouse World and Its Impact on Oligo- Miocene Central Asian Mammals. Abstracts (presented at the GSA Annual Meeting, Seattle: Geological Society of America, 2017), p. 302091
- 397 Reichenbacher, B., Grunert, P., Harzhauser, M., Hinderer, M., Holcová, K., Kempf, O. and others, 2017. Europe on the Verge to the Miocene Climate Optimum: The "MICLIME" Project. Programm - Kurzfassungen (presented at the 88. Jahrestagung der Paläontologischen Gesellschaft, Münster, Germany, 2017), MÜNSTERSCHE FORSCHUNGEN ZUR GEOLOGIE UND PALAEONTOLOGIE, 109
- 396 Reichenbacher, B., Grunert, P., Harzhauser, M., Hinderer, M., Holcová, K., Kempf, O. and others, 2017. A Proposal for a New ICDP Task in Europe: The "MICLIME" Project. Abstracts (presented at the IODP/ICDP Kolloquium 2017, Braunschweig, Germany, 2017), p. 117
- 395 Reuter, M., Harzhauser, M., Piller, W.E. 2017. Coastal Landscape Evolution in NW Sri Lanka Linked to Variations in the SW Monsoon Intensity during the Late Quaternary. Abstracts (presented at the GeoBremen, Bremen, Germany, 2017), p. A-409
- 394 Reuter, M., Harzhauser, M., Piller, W.E., Mohtat, T. 2017. Sedimentary Environment and Gastropod Biogeography of the Band-Echaker Formation (Burdigalian) in Makran (SE Iran). Book of Abstracts (presented at the 15th Congress of the RCMNS, Athens, Greece, 2017), p. 63
- 393 Semperebon, G.M., Bernor, R.L., Göhlich, U.B., Harzhauser, M. 2017. Dental Morphology and Diet of the First Occurring Old World Hipparions from the Basal Vallesian of the Vienna Basin (MN9, 11.4-11.0 Ma). SVP Program and Abstracts, 2017, p. 192
- 392 Thivaoui, D., Koskeridou, E., Drinia, H., Harzhauser, M. 2017. Microgastropod Assemblages and Environments from the Lower Miocene of the Eastern Mediterranean. Book of Abstracts (presented at the 15th Congress of the RCMNS, Athens, Greece, 2017), p. 53
- 391 Vescogni, A., Vertino, B., Bosellini, F., Harzhauser, M., Mandic, O., Cipriani, A. and others, 2017. The Onset and Evolution of the Miocene Phosphatic Hardground of Salento (S Italy) Unlocked by Its Coral-Mollusc Fossil Archive. Abstract Volume (presented at the 33rd International Meeting of Sedimentology (IAS 2017), Toulouse, France, 2017), p. 72
- 390 Vescogni, A., Vertino, B., Bosellini, F., Harzhauser, M., Mandic, O., Cipriani, A. and others, 2017. Miocene Phosphatic Hardgrounds of the Mediterranean and Their Biotic Assemblage: New Insights from the "Aturia Level" of the Salento Peninsula (S. Italy). Abstract Volume (presented at the Paleodays 2017, Anagni, Italy: Società Paleontologica Italiana, 2017), p. 63
- 389 Zuschin, M., Nawrot, R., Harzhauser, M., Mandic, O., Tomasovych, A. 2017. Taxonomic and Numerical Sufficiency in Depth-and Salinity-Controlled Marine Paleocommunities. Geophysical Research Abstracts, 2017, XIX, EGU2017-3928
- 
- 388 Djuricic, A., Puttonen, E., Harzhauser, M., Dorninger, P., Székely, B., Mandic, O. 2016. Application of Reflectance Transformation Imaging Technique to Improve Automated Edge Detection in a Fossilized Oyster Reef. Geophysical Research Abstracts (presented at the EGU, Vienna, Austria, 2016), XVIII, EGU2016-8467
- 387 Djuricic, A., Puttonen, E., Dorninger, P., Nothegger, C., Harzhauser, M., Mandic, O. 2016. 3d Laser Scanning and Paleontology. Book of Abstracts (presented at the Vienna young Scientists Symposium, Vienna, Austria: TU Vienna, 2016), p. 100
- 386 Djuricic, A., Pfeifer, N., Dorninger, P., Nothegger, C., Harzhauser, M., Mandic, O. 2016. GIS Database of the World's Largest Fossil Oyster Reef. Proceedings 2016 (presented at the AGILE International Conference on Geographic Information Science, Helsinki, 2016), pp. 1–4
- 385 Garcíá-Ramos, D.A., Albano, P.G., Harzhauser, M., Piller, W.E., Zuschin, M. 2016. Fidelity of Life and Death Molluscan Assemblages from Carbonate Tidal Flats in the Persian (Arabian) Gulf- Geophysical Research Abstracts (presented at the EGU, Vienna, Austria, 2016), XVIII, EGU2016-7595
- 384 Georgopoulou, E., Neubauer, T.A., Harzhauser, M., Kroh, A., Mandic, O. 2016. Biogeographical Patterns of European Freshwater Gastropods during the Quaternary. New Perspectives on the Evolution of Phanerozoic Biotas and Ecosystems- Conference Proceedings (presented at the 1st International Meeting of Early-stage Researchers in Palaeontology, Alpuente, Spain, 2016), p. 35
- 383 Georgopoulou, E., Neubauer, T.A., Harzhauser, M., Kroh, A., Mandic, O. 2016. European Quaternary: Insights from Freshwater Gastropods- Program & Abstracts. Lake - Basin - Evolution, RCMNS Interim Colloquium 2016 & Croatian Geological Society Limnogeology Workshop (presented at the Croatian Geological Survey Limnogeology Workshop, Zagreb, 2016), p. 35

- 382 Grunert, P., Auer, G., Harzhauser, M., Piller, W.E. 2016. Upper Oligocene to Lower Miocene Deposits of the North Alpine Foreland Basin: A Testing Ground for Central Paratethys Stratigraphy. Abstracts (presented at the 18th Conference on Upper Tertiary, Brno, 2016), p. 12
- 381 Harzhauser, M., Djuricic, A., Mandic, O., Neubauer, T.A., Zuschin, M., Pfeifer, N. 2016. Miocene Oyster Reefs as Major Carbonate Factories. Abstract Volume (presented at the GeoTirol 2016 - Annual Meeting DGGV, Innsbruck, 2016), p. 102
- 380 Harzhauser, M., Neubauer, T.A., Kroh, A., Georgopoulou, E., Mandic, O. 2016. History of European Lake Systems – Evolution, Geodynamics, and Climate Change. Program & Abstracts. Lake - Basin - Evolution, RCMNS Interim Colloquium 2016 & Croatian Geological Society Limnogeology Workshop (presented at the Croatian Geological Survey Limnogeology Workshop, Zagreb, 2016), p. 13
- 379 Hofmann, T., Harzhauser, M. 2016. Wo Die Wiener Mammuts Grasten – Naturgeschichte(n) Vermitteln Als Öffentlichkeitsarbeit. Abstract Volume (presented at the GeoTirol 2016 - Annual Meeting DGGV, Innsbruck, 2016), p. 126
- 378 Neubauer, T.A., Harzhauser, M. 2016. Skilift am Tropenstrand – 250 Millionen Jahre Kalkalpen. Arianta 5 - Report on the Workshop Alpine Land Snails 2016, ed. by Elisabeth Haring, Oliver Macek, and Helmut Sattmann (presented at the Workshop Alpine Land Snails 2016, Johnsbad, Wien: Verlag des Naturhistorischen Museums Wien, 2016), pp. 10–11
- 377 Neubauer, T.A., Georgopoulou, E., Harzhauser, M., Mandic, O., Kroh, A. 2016. Predictors of Shell Size in Long-Lived Lake Gastropods. Program & Abstracts. Lake - Basin - Evolution, RCMNS Interim Colloquium 2016 & Croatian Geological Society Limnogeology Workshop (presented at the Croatian Geological Survey Limnogeology Workshop, Zagreb, 2016), p. 30
- 
- 376 Auer, G., Piller, W.E., Reuter, M., Harzhauser, M. 2015. Correlating carbon and oxygen isotope events in early to middle Miocene shallow marine carbonates in the Mediterranean region using orbitally tuned chemostratigraphy and lithostratigraphy. Strati 2015, 2nd International Congress on Stratigraphy. Berichte des Institutes für Erdwissenschaften Karl-Franzens-Universität Graz, 21, 20.
- 375 Büyükeriç, Y., Landau, B., Harzhauser, M., da Silva, C. 2015. Karaman miyosen havzasinin makrofosilleri ve palebiyocoğrafik önemi: Jeolojik miras açısından bir değerlendirme. Symposium on Eastern Anatolian Geology with international participations (Dajeo), 09/2015, 98-99.
- 374 García-Ramos, D.A., Albano, P.G., Harzhauser, M., Piller, W.E., Zuschin, M. 2015. Tidal flat molluscan life and death assemblages from the Persian (Arabian) Gulf. Geophysical Research Abstracts, 17, EGU2015-13253.
- 373 Georgopoulou, E., Neubauer, T.A., Harzhauser, M., Kroh, A., Mandic, O. 2015. From Past to Present: What do fossil snails tell us about the evolution of European aquatic hotspots? 9. Jahrestagung NOBIS-Austria, 27.-28. November, Eggenburg, p. 26.
- 372 Georgopoulou, E., Neubauer, T.A., Harzhauser, M., Mandic, O., Kroh, A. 2015. Biodiversity patterns of freshwater snails in European lakes. In: Gavin, D., Beierkuhnlein, C., Holzheu, S., Thies, B., Faller, K., Gillespie, R., Hortal, J. (eds) International Biogeography Society 7th Biennial Meeting. 8–12 January 2015, Bayreuth, Germany. Frontiers of Biogeography Vol. 6, suppl. 1, p. 80.
- 371 Georgopoulou, E., Stylianos, S., Neubauer, T.A., Harzhauser, M., Kroh, A., Mandic, O. 2015. Lakes as islands: Biogeographic patterns of gastropods in Balkan and Anatolian lakes. 13<sup>th</sup> Izegar, 7-11 October, Irakleio, Crete, Greece.
- 370 Grunert, P., Auer, G., Harzhauser, M., Piller, W.E. 2015. Upper Oligocene to Lower Miocene deposits of the North Alpine Foreland Basin: a testing ground for Central Paratethys stratigraphy. Strati 2015, 2nd International Congress on Stratigraphy. Berichte des Institutes für Erdwissenschaften Karl-Franzens-Universität Graz, 21, 143.
- 369 Harzhauser, M., Djuricic, A., Mandic, O., Dorninger, P., Nothegger, N., Székely, B., Molnár, G., Pfeifer, N. 2015. Disentangling the history of complex multi-phased shell beds based on the analysis of 3D point cloud data. Geophysical Research Abstracts, 17, EGU2015-2101.
- 368 Harzhauser, M., Djuricic, A., Mandic, O., Zuschin, M., Dorninger, P., Nothegger, C., Székely, B., Molnár, G., Pfeifer, N. 2015. Limits in detecting tsunamites in the stratigraphic record – an example from the Early Miocene. Strati 2015, 2nd International Congress on Stratigraphy. Berichte des Institutes für Erdwissenschaften Karl-Franzens-Universität Graz, 21, 152.
- 367 Harzhauser, M., Djuricic, A., Mandic, O., Zuschin, M., Neubauer, T.A., Pfeifer, N. 2015. Taphonomy, age structure and carbonate production of a giant Miocene oyster reef. AutReef 2015, 28-29. October 2015, Vienna, NHMW, 7.
- 366 Harzhauser, M., Neubauer, T., Mandic, O., Zuschin, M., Čorić, S. 2015. A Middle Miocene endemic freshwater mollusc assemblage from an intramontane Alpine lake (Aflenz Basin, Eastern Alps, Austria). Arbeitstagung 2015 der Geologischen Bundesanstalt Geologie der Kartenblätter GK50 ÖK 103 Kindberg und ÖK 135 Birkfeld, Mitterdorf im Mürtal 21.–25. September 2015, 150.

- 365 Harzhauser, M., Neubauer, T.A. 2015. The presence is not the key to the past – self-fulfilling prophecies in taxonomy. 9. Jahrestagung NOBIS-Austria, 27.-28. November, Eggenburg, p. 27.
- 364 Harzhauser, M., Neubauer, T.A., Kroh, A., Georgopoulou, E., Mandic, O. 2015. A world of lakes – European Neogene freshwater systems. Neogene of the Paratethyan Region. 6th Workshop on the Neogene of Central and South-Eastern Europe. RCMNS Interim Colloquium. Programme and Abstracts, 32st May – 3rd June 2015, Orfű, Hungary, p. 34.
- 363 Harzhauser, M., Theobalt, D., Strauss, P., Piller, W., Mandic, O. 2015. Early Miocene depositional environments and tectonics in the northern Vienna Basin. Strati 2015, 2nd International Congress on Stratigraphy. Berichte des Institutes für Erdwissenschaften Karl-Franzens-Universität Graz, 21, 153.
- 362 Kallanxi, M.-E., Dica, A.G., Mandic, O., Harzhauser, M. 2015. Shallow marine paleoenvironments from the Oligocene Molasse deposits of the Albanian-Thessalian Basin (Albania). Strati 2015, 2nd International Congress on Stratigraphy. Berichte des Institutes für Erdwissenschaften Karl-Franzens-Universität Graz, 21, 191.
- 362 Mandic, O., Harzhauser, M., Kuiper, K.K., Nagel, D., Wijbrans, L.R., Peresson, M., Tsoukala, E. 2015. Messinian Salinity Crisis in the Aegean Sea - new data from alluvial and marginal marine deposits of the Kassandra Peninsula in NE Greece. Strati 2015, 2nd International Congress on Stratigraphy. Berichte des Institutes für Erdwissenschaften Karl-Franzens-Universität Graz, 21, 234.
- 361 Mandic, O., Kurečić, T., Neubauer, T.A., Harzhauser, M. 2015. The endemic mollusks reveal history of the long-lived Pliocene Lake Slavonia in NW Croatia. Geophysical Research Abstracts, 17, EGU2015-14437.
- 360 Mandic, O., Kurečić, T., Neubauer, T.A., Harzhauser, M. 2015. Stratigraphic and Paleogeographic Significance of Lacustrine Mollusks from the Pliocene Viviparus-Beds in NW Croatia. Abstract and Programme Booklet (presented at the International Meeting honoring the 100th birth anniversary of Vanda Kochansky-Devidé, Zagreb, 2015), p. 51
- 359 Molnár, G., Székely, B., Harzhauser, M., Djuricic, A., Mandic, O., Dorninger, P., Nothegger, N., Exner, U., Pfeifer, N. 2015. Semi-automated fault system extraction and displacement analysis of an excavated oyster reef using high-resolution laser scanned data. Geophysical Research Abstracts, 17, EGU2015-11417.
- 358 Nawrot, R., Zuschin, M., Harzhauser, M., Kroh, A., Mandic, O. 2015. Local diversity hot spots in the Middle Miocene of the Central Paratethys: influence of environment and sampling. Geophysical Research Abstracts, 17, EGU2015-9948.
- 357 Neubauer, T.A., Georgopoulou, E., Harzhauser, M., Kroh, A., Mandic, O. 2015. European freshwater biogeography for the last 23 million years. Speciation in Ancient Lakes 7, August 17th–20th, Windsor, Canada, Abstract and Programme booklet, p. 20.
- 356 Neubauer, T.A., Harzhauser, M., Georgopoulou, E., Kroh, A., Mandic, O. 2015. Development of freshwater biodiversity during the late Cenozoic: impact of geodynamics and climate on hotspot formation. Neogene of the Paratethyan Region. 6th Workshop on the Neogene of Central and South-Eastern Europe. RCMNS Interim Colloquium. Programme and Abstracts, 32st May – 3rd June 2015, Orfű, Hungary, p. 61.
- 355 Neubauer, T.A., Harzhauser, M., Georgopoulou, E., Kroh, A., Mandic, O. 2015. Biodiversity and paleobiogeography of the European freshwater Neogene: trends, hotspots and faunal turnovers. Geophysical Research Abstracts, 17, EGU2015-1538.
- 354 Neubauer, T.A., Harzhauser, M., Kroh, A., Georgopoulou, E., Mandic, O. 2015. Establishing a paleobiogeographic framework for European Neogene freshwater systems. In: Gavin, D., Beierkuhnlein, C., Holzheu, S., Thies, B., Faller, K., Gillespie, R., Hortal, J. (eds) International Biogeography Society 7th Biennial Meeting. 8–12 January 2015, Bayreuth, Germany. *Frontiers of Biogeography* Vol. 6, suppl. 1, p. 39.
- 353 Nouradini, M., Mandic, O., Harzhauser, M., Briguglio, A., Ashouri, A., Yazdi, M. 2015. Upper Oligocene to Lower Miocene foraminifera from the Qom Formation (Central Iran). Berichte des Institutes für Erdwissenschaften Karl-Franzens-Universität Graz, 21, 276.
- 352 Tomasovych, A., Nawrot, R., Zuschin, M., Harzhauser, M., Mandic, O. 2015. Effects of numerical and taxonomic resolution on compositional variation reveal the nature of environmental gradients and lineage-level ecological conservatism. 2015 GSA Annual Meeting in Baltimore, Maryland, USA, Geological Society of America Abstracts with Programs, 47/7, 669.
- 351 Zuschin, M., Nawrot, R., Harzhauser, M., Mandic, O. 2015. Taxonomic and numerical sufficiency in a Lower and Middle Miocene molluscan metacommunity of the Central Paratethys. Geophysical Research Abstracts, 17, EGU2015-10434.
- 
- 350 Neubauer, T.A., Harzhauser, M., Kroh, A., Georgopoulou, E., Mandic, O. 2014. Establishing a paleobiogeographic framework for European Neogene freshwater systems. In: Gavin, D., Beierkuhnlein, C., Holzheu, S., Thies, B., Faller, K., Gillespie, R., Hortal, J. (eds) Conference program and abstracts. International Biogeography Society 7th Biennial Meeting. 8-12 January 2015, Bayreuth, Germany. *Frontiers of Biogeography*, 6 (suppl. 1), p. 39.

- 349 Georgopoulou, E., Neubauer, T.A., Harzhauser, M., Kroh, A., Mandic, O. 2014. Biodiversity patterns of freshwater snails in European lakes. In: Gavin, D., Beierkuhlein, C., Holzheu, S., Thies, B., Faller, K., Gillespie, R., Hortal, J. (eds) Conference program and abstracts. International Biogeography Society 7th Biennial Meeting. 8-12 January 2015, Bayreuth, Germany. *Frontiers of Biogeography*, 6 (suppl. 1), p. 80.
- 348 Schneider, S., Harzhauser, M., Kroh, A. & Lukeneder, A. 2014. Biotic control of (low) biodiversity in rudist bivalve reefs – an example from the Tithonian of Austria. – 10th North American Paleontological Convention, 15th–18th February 2014, Florida Museum of Natural History, Gainesville, FL, USA, Abstract book. *Paleontological Society Special Publication*, 13, 177.
- 347 Neubauer, T.A., Harzhauser, M., Kroh, A., Georgopoulou, E. & Mandic, O. 2014. Paleobiogeographic regions for European Neogene freshwater systems: a trend toward increasing provincialism. 8th Annual Meeting of NOBIS-Austria, 28.-29. 10. 2014, Munich, 29.
- 346 Harzhauser, M., Neubauer, T.A., Georgopoulou, E., Wrozyna, C. 2014. Morphospace shifts in endemic thermal-spring melanopsids or how an endangered species could lose its species status. 8th Annual Meeting of NOBIS-Austria, 28.-29. 10. 2014, Munich, 18.
- 345 Georgopoulou, E., Neubauer, T.A., Harzhauser, M., Kroh, A., Mandic, O. 2014. European freshwater gastropods: major patterns of biodiversity and biogeographical processes. 8th Annual Meeting of NOBIS-Austria, 28.-29. 10. 2014, Munich, 17
- 344 Vranjkovic, A., Gierlowski-Kordesch, E., Dragicevic, I., Jakupec, E., Pavelic, D., Mandic, O., Harzhauser, M., Šegvic, B., Brcic, V., de Leeuw, A. 2015. Microfacies and sedimentary environment of the lacustrine Island Pag Basin (Early Miocene, S Croatia). *International Association of Sedimentologists 2014*, Geneva, Switzerland, 18-22 August 2014, *Sedimentology at the crossroads of new frontiers*, Abstracts book, 723-723.
- 343 Georgopoulou, E., Neubauer, T.A., Harzhauser, M., Kroh, A., Mandic, O. 2014. Exploring patterns of freshwater gastropod diversity in European lakes. In: White, T.S. (Ed.) 7th Congress of the European Malacological Societies, Cambridge. Conference Programme and Book of Abstracts [unpaginated].
- 342 Georgopoulou, E., Neubauer, T.A., Harzhauser, M., Kroh, A., Mandic, O. 2014. The FreshGEN Project: Europe's Neogene and Quaternary lake gastropod diversity - aims, scope and first results. In: White, T.S. (Ed.) 7th Congress of the European Malacological Societies, Cambridge. Conference Programme and Book of Abstracts [unpaginated]. (poster)
- 341 Neubauer, T.A., Harzhauser, M., Georgopoulou, E., Kroh, A., Mandic, O. 2014. The FreshGEN Project: Freshwater Gastropods of the European Neogene - aims, scope and first results. *GeoFrankfurt 2014 Abstract Volume*. Schriftenreihe der Deutschen Gesellschaft für Geowissenschaften, 85, p. 240.
- 340 Nawrot, R., Zuschin, M., Harzhauser, M., Kroh, A., Mandic, O. 2014. Local diversity hot spots in the Middle Miocene of the Central Paratethys: influence of environment and sampling. *Paleontological Association*.
- 339 Göhlich, U.B., Daxner-Höck, G., Harzhauser, M. 2014. Fossil record and dynamics of the Late Miocene mammal faunas of the Vienna Basin, Austria. RCMNS workshop "Perspectives on the terrestrial ecosystems of the Late Miocene". Vienna, 5.-7. September 2014, 23.
- 338 Daxner-Höck, G., Badamgarav, D., Narsbold, R., Bayarmaa, B., Erbajeva, M., Göhlich, U., Harzhauser, M., Khand, Y., Maridet, O., Piller, W., Richoz, S., Wessels, W., Ziegler, R. 2014. The Valley of Lakes (Central Mongolia), a hot spot of Oligocene-Miocene mammal evolution. *International Symposium "Paleontology and Stratigraphy in Mongolia during 50 years"* in Ulaanbaatar 10.-11. October 2014, 36.
- 337 Auer, G., Reuter, M., Piller, W.E., Harzhauser, M., Brandano, M. 2014. Orbitally tuned correlations of CM- and Mi-events in Miocene shallow marine carbonates in the Mediterranean region. *PANGEO 2014*, Beitragskurzfassungen, *Berichte des Institutes für Erdwissenschaften Karl-Franzens-Universität Graz*, 20/1, 14.
- 336 Auer, G., Piller, W.E., Harzhauser, M. 2014. The role of solar forcing on paleoecological changes in calcareous nannofossils assemblages in the Early Miocene. *PANGEO 2014*, Beitragskurzfassungen, *Berichte des Institutes für Erdwissenschaften Karl-Franzens-Universität Graz*, 20/1, 15.
- 335 Grunert, P., Auer, G., Harzhauser, M., Piller, W.E. 2014. New stratigraphic constraints for the upper Oligocene to lower Miocene Puchkirchen Group (North Alpine Foreland Basin, Central Paratethys). *PANGEO 2014*, Beitragskurzfassungen, *Berichte des Institutes für Erdwissenschaften Karl-Franzens-Universität Graz*, 20/1, 74.
- 334 Harzhauser, M., Djuricic, A., Dorninger, P., Nothegger, C., Mandic, O., Székely, B., Molnár, G., Pfeifer, N. 2014. New approaches in automatized recognition of geological features in 3D point cloud data. *PANGEO 2014*, Beitragskurzfassungen, *Berichte des Institutes für Erdwissenschaften Karl-Franzens-Universität Graz*, 20/1, 78.
- 333 Neubauer, T.A., Harzhauser, M., Georgopoulou, E., Kroh, A., Mandic, O. 2014. A geo-referenced database for Pan-European Neogene freshwater mollusk-bearing localities. *PANGEO 2014*, Beitragskurzfassungen, *Berichte des Institutes für Erdwissenschaften Karl-Franzens-Universität Graz*, 20/1, 153.

- 332 Reuter, M., Piller, W.E., Harzhauser, M., Kroh, A. 2014. Cyclone trends constrain monsoon variability during late Oligocene sea level highstands (Kachchh Basin, NW India). PANGEO 2014, Beitragskurzfassungen, Berichte des Institutes für Erdwissenschaften Karl-Franzens-Universität Graz, 20/1, 181.
- 331 Theobalt, D., Harzhauser, M., Strauss, P., Piller, W.E., Mandic, O. 2014. The Mistelbach Halfgraben – a key area for the geologic evolution of the northern Vienna Basin. PANGEO 2014, Beitragskurzfassungen, Berichte des Institutes für Erdwissenschaften Karl-Franzens-Universität Graz, 20/1, 210.
- 330 García-Ramos D.A., Albano G.P., Harzhauser, M., Piller, W.E., Zuschin M. 2014. Comparison between molluscan life and death assemblages from tidal flats in the Persian (Arabian) Gulf. ÖPG, Wolfsberg
- 329 Göhlich, U.B., Daxner-Höck, G., Harzhauser, M. 2014. Fossil record and dynamics of the Late Miocene mammal faunas of the Vienna Basin, Austria. 12<sup>th</sup> EAVP Meeting, Torino, Abstract Book, 71.
- 328 Daxner-Höck, G., Badamgarav, D., Bayarmaa, B., Erbajeva, M., Göhlich, U., Harzhauser, M., Maridet, O., Piller, W., Richoz, S., Wessels, W., Ziegler, R. 2014. The Valley of Lakes (Central Mongolia), a hot spot of Oligocene-Miocene mammal evolution. 12<sup>th</sup> EAVP Meeting, Torino, Abstract Book, 47.
- 327 Carnevale, G., Harzhauser, M. 2014. Badenian fishes from St. Margarethen in Burgenland, Austria: stratigraphic, paleoecological and paleobiogeographical remarks. 12<sup>th</sup> EAVP Meeting, Torino, Abstract Book, 37.
- 326 Auer, G., Piller, W.E., Reuter, M., Harzhauser, M., Brandano, M. 2014. A multi-proxy approach for correlating shallow marine carbonate successions in the Oligocene-Miocene Mediterranean region with global chronostratigraphy. European Union Geosciences Union, General Assembly, Vienna, EGU2014-7369.
- 325 Djuricic, A., Harzhauser, M., Dorninger, P., Nothegger, C., Mandic, O., Székely, B., Molnár, G., Pfeifer, N. 2014. Parameter Estimation of Fossil Oysters from High Resolution 3D Point Cloud and Image Data. European Union Geosciences Union, General Assembly, Vienna, EGU2014-16040.
- 324 Dorninger, P., Nothegger, C., Djuricic, A., Rasztovits, S., Harzhauser, M. 2014. Smart-Geology for the World's largest fossil oyster reef. European Union Geosciences Union, General Assembly, Vienna, EGU2014-10504.
- 323 Harzhauser, M., Mandic, O., Kern, A.K., Piller, W.E., Neubauer, T.A., Albrecht, C., Wilke, T. 2014. Waxing and waning of dreissenid pavements as a possible result of astronomical forcing. European Union Geosciences Union, General Assembly, Vienna, EGU2014-9995.
- 322 Neubauer, T.A., Georgopoulou, E., Harzhauser, M., Mandic, O., Kroh, A. 2014. Europe's Neogene and Quaternary lake gastropod diversity - a statistical approach. European Union Geosciences Union, General Assembly, Vienna, Geophysical Research Abstracts, 16, EGU2014-2912.
- 
- 321 Auer, G., Piller, W.E., Harzhauser, M. 2013. High-resolution paleoecological and time-series analyses of an upper Burdigalian upwelling site in the North Alpine Foreland Basin. 14<sup>th</sup> RCMNS Congress, Book of Abstracts, p. 113.
- 320 Auer, G., Piller, W.E., Harzhauser, M., Coric, S., Grunert, P. 2013. High-resolution paleoecological and time-series analyses of an upper Burdigalian upwelling site in the North Alpine Foreland Basin, in: R. Mark Leckie, Pamela Leckie, Andy Fraass, Jason Crux, Jason Lundquist (Hrsg): Geologic Problem Solving with Microfossils 3, NAMS Meeting Abstracts Volume, p. 21.
- 319 Carnevale, G., Harzhauser, M. 2013. The Badenian fish fauna of St. Margarethen, Eisenstadt-Sopron Basin, Burgenland, Central Paratethys: stratigraphy, paleoecology and paleobiogeography. 14<sup>th</sup> RCMNS Congress, Book of Abstracts, p. 75.
- 318 Georgopoulou, E., Neubauer, T.A., Harzhauser, M., Mandic, O., Kroh, A. 2013. European freshwater gastropods of Neogene and Quaternary lakes. NOBIS-Austria Young Researchers' Day, Abstracts, p. 14.
- 317 Grunert, P., Harzhauser, M., Piller, W.E. 2013. The Burdigalian Seaway: new insights into one of the main Mediterranean/Paratethys faunal migration routes of the Early Miocene. 14<sup>th</sup> RCMNS Congress, Book of Abstracts, p. 71.
- 316 Grunert, P., Piller, W.E., Harzhauser, M. 2013. Benthic foraminiferal assemblage reveal the history of the Burdigalian Seaway, in: R. Mark Leckie, Pamela Leckie, Andy Fraass, Jason Crux, Jason Lundquist (Hrsg): Geologic Problem Solving with Microfossils 3, Abstracts Volume. NAMS Meeting 2013, p. 65.
- 315 Grunert, P., Tzanova, A., Harzhauser, M., Piller, W.E. 2013. Paratethys-Southern Ocean teleconnection in the mid-Burdigalian: European climate on the verge to the Miocene Climate Optimum. AGU 2013, p. X.
- 314 Grunert, P., Tzanova, A., Harzhauser, M., Piller, W.E. 2013. Paratethys-Southern Ocean teleconnection in the mid-Burdigalian: European climate on the verge to the Miocene Climate Optimum. 14<sup>th</sup> RCMNS Congress, Book of Abstracts, p. 114.
- 313 Harzhauser, M., Neubauer, T., Mandic, O., Georgopoulou, E., Kroh, A. 2013. The FreshGen - a unique database on Freshwater Gastropods of the European Neogene. GEEWEC2013, Smolenice, October 16-19, 2013, Abstract Book p. 49, (Slovak Academy of Sciences).

- 312 Harzhauser, M., Reuter, M., Mandic, O., Piller, W.E. 2013. Oligocene-Miocene marine biogeography of Eurasia - limited data cause artificial hotspots. GEEWEC2013, Smolenice, October 16-19, 2013, Abstract Book p. 34, (Slovak Academy of Sciences).
- 311 Harzhauser, M., Reuter, M., Mandic, O., Schneider, S., Piller, W.E., Brandano, M. 2013. Pseudo-Sarmatian mollusc assemblages from the Early Messinian of Sicily (Italy). 14<sup>th</sup> RCMNS Congress, Book of Abstracts, p. 56.
- 310 Mandic, O., De Leeuw, A., Neubauer, T.A., Harzhauser, M., Krijgsman, W., Kuiper, K.F., Hrvatović, H., Pavelić, D. 2013. Miocene Dinaride Lake System - stratigraphic constrains reveal its environmental and biotic evolution. In: Rundić, L., Gaudenyi, T., Jovanović, M. (eds) Neogene and Quaternary stratigraphy - actual terminology and nomenclature. Programme & Abstracts. Serbian Geological Society, Belgrade, p. 12.
- 309 Mandic, O., Steininger, F.F., Harzhauser, M., Schabert, S. 2013. Sr-Isotope composition of Paratethys mollusks and barnacles – stratigraphy, taphonomy and regional deviations. 14<sup>th</sup> RCMNS Congress, Book of Abstracts, p. 74.
- 308 Neubauer, T.A., Harzhauser, M., Kroh, A. 2013. Morphometrics as a tool in taxonomy. In: Kroh, A., Berning, B., Haring, E., Harzhauser, M., Sattmann, H., Walochnik, J., Zimmermann, D., Zuschin, M. (Eds.). BioSyst.EU 2013 Global systematics! Abstracts, 150-151.
- 307 Neubauer, T.A., Harzhauser, M., Mandic, O., Georgopoulou, E., Kroh, A. 2013. Freshwater gastropod diversity of European lake systems over the last 23 million years - state of the art and outlook. Açoreana - Revista de Estudos Açoreanos, Suplemento 8: World Congress of Malacology 2013, Book of Abstracts, p. 286 (oral).
- 306 Neubauer, T.A., Harzhauser, M., Mandic, O., Georgopoulou, E., Kroh, A. 2013. Freshwater gastropods of the European Neogene – setup of a new database. 14<sup>th</sup> RCMNS Congress, Book of Abstracts, p. 117.
- 305 Neubauer, T.A., Harzhauser, M., Mandic, O., Kroh, A. 2013. Freshwater gastropods of Neogene and Quaternary lake systems of Europe - state of the art and outlook. Geophysical Research Abstracts, 15, EGU2013-2831, EGU General Assembly 2013.
- 304 Piller, W.E., Auer, G., Reuter, M., Harzhauser, M., Brandano, M. 2013. The orbitally tuned (400ky-Eccentricity) Decontra Section (Maiella, Central Apennines, Italy) as a stratigraphic reference for shallow marine carbonate successions in the Oligocene-Miocene Mediterranean. 14<sup>th</sup> RCMNS Congress, Book of Abstracts, p. 12.
- 303 Piller, W.E., Grunert, P., Harzhauser, M. 2013. Benthic foraminiferal assemblages reveal the history of the Burdigalian Seaway, in: Sachsenhofer, R. & Tari, G. (Hrsg): AAPG Europe Region, Conference Programme and Abstracts. 2013.
- 302 Piller, W.E., Grunert, P., Harzhauser, M. 2013. Benthic foraminiferal assemblages reveal the history of the Burdigalian Seaway. AGU 2013, p. X.
- 301 Theobalt, D., Harzhauser, M., Piller, W.E., Mandic, O., Strauss, P. 2013. Integrated stratigraphy of the Lower Miocene depositional systems in the western Vienna Basin, in: Sachsenhofer, R., Tari, G. (Eds.): AAPG Europe Region, Conference Program and Abstracts, p. 8.
- 
- 300 Harzhauser, M., Kronenberg, G. 2012. PCA resolves species level taxa within the European Neogene *Persististrombus*-lineage (Gastropoda: Strombidae). 6<sup>th</sup> Annual Meeting of NOBIS Austria, Klagenfurt, p. 21.
- 299 Harzhauser, M., Kern, A.K., Mandic, O., Piller, W.E., Neubauer, T.A. 2012. Lake bottom settlement by bivalves as result of astronomical forcing. 6<sup>th</sup> Annual Meeting of NOBIS Austria, Klagenfurt, p. 20.
- 298 Grunert, P., Piller, W.E., Soliman, A., Radl, M.S., Roetzel, R., Harzhauser, M. Spatial and temporal variability of a middle Burdigalian (early Ottnangian) upwelling system of the Central Paratethys. ESSEWECA-Meeting, 6-7. December, Bratislava.
- 297 Harzhauser, M., Dellmour, R. 2012. The Iván Canyon, a large tectonically induced Miocene canyon in the Alpine-Carpathian Foredeep. ESSEWECA-Meeting, 6-7. December, Bratislava.
- 296 Mandic, O., Harzhauser, M., Roetzel, R., Tibuleac, P. 2012. Evidence for tidal currents and benthic massmortality events in the Sarmatian Paratethys Sea (middle Miocene; North Alpine Foredeep Basin; Austria). ESSEWECA-Meeting, 6-7. December, Bratislava.
- 295 Neubauer, T. A., Harzhauser, M. & Kroh, A. 2012. Adaptive radiation in a gastropod species lineage of Late Miocene Lake Pannon. In: Witzmann, F. & Aberhan, M. (eds). Centenary Meeting of the Paläontologische Gesellschaft, Programme, Abstracts, and Field Guide, 24.-29. Sept. 2012, Museum für Naturkunde Berlin. Terra Nostra, Schriften der GeoUnion Alfred-Wegener-Stiftung, 3, 128-129.
- 294 Zuschin M., Harzhauser, M., Mandic, O. 2012. Taxonomic and numerical sufficiency in a Lower and Middle Miocene molluscan metacommunity of the Central Paratethys. In: Witzmann, F. & Aberhan, M. (eds). Centenary Meeting of the Paläontologische Gesellschaft, Programme, Abstracts, and Field Guide, 24.-29. Sept. 2012, Museum für Naturkunde Berlin. Terra Nostra, Schriften der GeoUnion Alfred-Wegener-Stiftung, 3, 205.

- 293 Harzhauser, M., Kern, A. K., Mandic, O., Piller, W. E. & Neubauer, T. A. 2012. Solar cycles control ecological windows for lake bottom settlement by bivalves during the Late Miocene. In: Witzmann, F. & Aberhan, M. (eds). Centenary Meeting of the Paläontologische Gesellschaft, Programme, Abstracts, and Field Guide, 24.-29. Sept. 2012, Museum für Naturkunde Berlin. Terra Nostra, Schriften der GeoUnion Alfred-Wegener-Stiftung, 3, 67-68.
- 292 Schneider, S., Harzhauser, M. 2012. The Leviathaniidae – the largest pre-Cenozoic gastropods. In: Witzmann, F. & Aberhan, M. (eds). Centenary Meeting of the Paläontologische Gesellschaft, Programme, Abstracts, and Field Guide, 24.-29. Sept. 2012, Museum für Naturkunde Berlin. Terra Nostra, Schriften der GeoUnion Alfred-Wegener-Stiftung, 3, 156.
- 291 Zuschin, M., Mandic, O., Harzhauser, M. 2012. Taxonomic and numerical sufficiency in paleoecology: A case study from a Miocene molluscan metacommunity of the Central Paratethys. GSA Abstracts with Programs, 269-4, 246, 210827.
- 290 Piller, W.E., Reuter, M., Brandano, M., Harzhauser, M., 2012. Correlating Mediterranean shallow water deposits with global Oligocene and Miocene stratigraphy and oceanic events. GSA Abstracts with Programs, 133-11,188, 206632.
- 289 Harzhauser, M., Reuter, M., Piller, W.E. 2012. Oligocene-Miocene biogeography of the western Indian Ocean and the myth of faunistic exchange with the Mediterranean Sea. GSA Abstracts with Programs, 268-10, 245,44, 206628.
- 288 Harzhauser, M., Neubauer, T.A., Gross, M., Binder, H. 2012. The early Middle Miocene mollusc fauna of Lake Rein (Eastern Alps, Austria). 18. Jahrestagung der Österreichischen Paläontologischen Gesellschaft, 12.-13. Oktober 2012, Schlossmuseum Linz, Berichte der Geologischen Bundesanstalt, 94, 12.
- 287 Harzhauser, M., Kern, A.K., Soliman, A., Piller, W.E., Mandic, O. 2012. High resolution analyses of Upper Miocene lake deposits suggest the influence of Gleissberg-band-solar forcing. 18. Jahrestagung der Österreichischen Paläontologischen Gesellschaft, 12.-13. Oktober 2012, Schlossmuseum Linz, Berichte der Geologischen Bundesanstalt, 94, 11.
- 286 Neubauer, T.A., Harzhauser, M., Kroh, A. 2012. Phenotypic evolution, adaptive radiation and ecological speciation in the fossil record: an example from the melanopsids of Lake Pannon. 18. Jahrestagung der Österreichischen Paläontologischen Gesellschaft, 12.-13. Oktober 2012, Schlossmuseum Linz, Berichte der Geologischen Bundesanstalt, 94, 17.
- 285 Schneider, S., Harzhauser, M., Kroh, A., Lukeneder, A., Zuschin, M. 2012. The Ernstbrunn Limestone and Klentnice Beds (Kimmeridgian to Berriasian; Waschberg-Ždanice Unit; NE Austria and SE Czech Republic) and their fauna – a tale of giants and dwarfs. 18. Jahrestagung der Österreichischen Paläontologischen Gesellschaft, 12.-13. Oktober 2012, Schlossmuseum Linz, Berichte der Geologischen Bundesanstalt, 94, 18.
- 284 Harzhauser, M., Kern, A.K., Piller, W.E., Soliman, A. 2012. High resolution analysis and the limits of paleoenvironmental reconstructions. RCMNS Interimskolloquium, Bucarest 2012, 57.
- 283 Harzhauser, M., Piller, W.E., Reuter, M., Grunert, P. 2012. Paratethys paleoenvironmental reconstructions. RCMNS Interimskolloquium, Bucarest 2012, 58.
- 282 İslamoğlu Y., Harzhauser M. 2012. Late Paleogene Thrace Basin As A Paleo(Bio)Geographic Turnover Area: A Synthesis. RCMNS Interimskolloquium, Bucarest 2012, 65.
- 281 Mandic, O., De Leeuw, A. Neubauer, T.A., Harzhauser, M., Krijgsman, W. 2012. Dinaride Lake System - Miocene diversity hotspot revisited. RCMNS Interimskolloquium, Bucarest 2012, 8 1-83.
- 280 Grunert, P., Piller, W.E., Soliman, A., Coric, S., Hirsch, R., Harzhauser, M. 2012. Stratigraphic constraints for the Oligocene-Early Miocene North Alpine Foreland Basin: beyond regional concepts and towards correlation with the international time scale. RCMNS Interimskolloquium, Bucarest 2012, 56.
- 279 Grunert, P., Piller, W.E., Harzhauser, M., Hirsch, R. 2012. Adaptation of benthic foraminiferal communities to the developing Burdigalian Seaway. In: Friedl, G., Steyrer, H. (Eds.), PANGEO Austria 2012, Abstracts, p. 54.
- 278 Grunert, P., Soliman, A., Coric, S., Scholger, R., Roetzel, R., Harzhauser, M., Piller, W.E. 2012. Re-evaluation of the Ottnangian stratotype and its implications for the development of the terminal Burdigalian Seaway (middle Burdigalian, Central Paratethys). In: Friedl, G., Steyrer, H. (Eds.), PANGEO Austria 2012, Abstracts, p. 54.
- 277 Zuschin, M., Hengst, B., Harzhauser, M., Mandic, O. & Roetzel, R. 2012. Stratigraphic palaeoecology of Karpatian (Lower Miocene) shallow water deposits of the Korneuburg Basin (Lower Austria). PANGEO 2012. In: Friedl, G., Steyrer, H. (Eds.), PANGEO Austria 2012, Abstracts, p. 149.
- 276 Grunert, P., Piller, W.E., Harzhauser, M. 2012. Paleooceanographic evolution of the Burdigalian Seaway and its impact on benthic foraminiferal communities, in: RCMNS & RCANS / F.J. Sierro; J.A. Gonzalez-Delgado (Hrsg): Joint RCMNS-RCANS Interim Colloquium. September 21st to 23rd, 2011. Abstract book.
-

- 275 Grunert, P., Sachsenhofer, R.F., Hinsch, R., Harzhauser, M., Piller, W.E., Sperl, H. 2011. Integrated Micropaleontology and Geochemistry of the Lower and Upper Puchkirchen Fm. (North Alpine Foreland Basin, Chattian-Early Aquitanian). AAPG International Conference and Exhibition, Mailand 2012.
- 274 Grunert, P., Hinsch, R., Coric, S., Soliman, A., Harzhauser, M., Piller, W.E., Sperl, H. 2011. Sequence stratigraphy of the North Alpine Foreland Basin: a case study from the Early Miocene Hall Formation. AAPG International Conference and Exhibition, Mailand 2012.
- 273 Neubauer, T.A., Harzhauser, M., Kroh, A. 2012. Ecological speciation in a gastropod species flock of Lake Pannon: a morphometric analysis. Molasse Tagung 2012, Wien, p. 31.
- 272 Roetzel, R., Coric, S., Harzhauser, M., Hohenegger, J., Mandic, O., Peresson, M., Rabeder, J., Wimmer-Frey, I., Zuschin, M. 2012. A pronounced rhythmicity in Lower Miocene (Karpatian) sediments of the Korneuburg Basin (Stetten, Lower Austria) – reflection of an astronomical cyclicity? Molasse Tagung 2012, Wien, p. 37.
- 271 Harzhauser, M. 2012. Evolution – the geological point of view. Comunicaciones del XVII Simposio sobre Ensenanza de la Geología, Huelva, 19-20.
- 270 Lommatzsch, M., Exner, U., Gier, S., Harzhauser, M. 2012. Relative timing of cementation and deformation band formation in Miocene calcareous sands (Eisenstadt Basin, Austria). Geophysical Research Abstracts 14, EGU2012-10790, EGU General Assembly 2012, Vienna.
- 269 Neubauer, T.A., Mandic, O., Harzhauser, M., Hrvatovic, H. 2012. The Middle Miocene lacustrine mollusc fauna of the Kupres Basin: palaeobiogeography, palaeoecology, and taxonomic implications (Dinaride Lake System, Bosnia and Herzegovina). Geophysical Research Abstracts 14, EGU2012-5108, EGU General Assembly 2012, Vienna.
- 268 Piller, W.E., Reuter, M., Brandano, M., Harzhauser, M. 2012. Decontra (Maiella, Abruzzi, Italy) - a key section for correlating Mediterranean shallow water deposits with global Oligocene-Miocene stratigraphy. Geophysical Research Abstracts 14, EGU2012-6106, EGU General Assembly 2012, Vienna.
- 267 Piller, W.E., Reuter, M., Kern, A.K., Harzhauser, M. 2012. Miocene climate seasonality in southern India - first direct evidence for a weak Indian monsoon during the Middle Miocene Climate Optimum. Geophysical Research Abstracts 14, EGU2012-8116, EGU General Assembly 2012, Vienna.
- 266 Reuter, M., Piller, W.E., Brandano, M., Harzhauser, M. 2012. MS as a correlation tool on an isolated Oligocene-Miocene carbonate platform (Maiella, Abbruzzi, Italy). IGCP 580, 4th Annual Meeting, 24.06.-30.06.2012; Graz, Austria.
- 
- 265 Brandano, M., Lipparini, L., Romi, A., Piller, W.E., Harzhauser, M., Reuter, M., Campagnoni, V., Tomassetti, L. 2011. Submarine dune field in the Chattian carbonate ramp of Majella (Central Apennines, Italy). 28th IAS Meeting of Sedimentology, 05.-08.07.2011; Zarazoga, Spain.
- 264 Grunert, P., Harzhauser, M., Piller, W.E., Micheels, A. 2011. Changing Miocene seasonality patterns in Central Europe deduced from the *Crassostrea* isotope archive. Geophysical Research Abstracts 13, EGU2011-6734, EGU General Assembly 2011, Vienna.
- 263 Grunert, P., Hinsch, R., Coric, S., Soliman, A., Harzhauser, M., Piller, W.E., Sperl, H. 2011. Sequence stratigraphy of the North Alpine Foreland Basin: an example from the Early Miocene Hall Formation (Upper Austria). Geophysical Research Abstracts 13, EGU2011-10925, EGU General Assembly 2011, Vienna.
- 262 Harzhauser, M. 2011. Evolution – the geological point of view. GIFT 2011- Evolution and Biodiversity, Geosciences Information for Teachers Workshop, Vienna, Austria, 3-6 April 2011, 28.
- 261 Harzhauser, M., Kern, A.K., Mandic, O., Piller, W.E., Soliman, A. 2011. Deciphering the influence of solar cycles in a Late Miocene lake system. 82. Jahrestagung der Paläontologischen Gesellschaft, Wien, p. 9.
- 260 Harzhauser, M., Kern, A.K., Piller, W.E., Soliman, A., Mandic, O. 2011. Decadal- to centennial-scale climate cycles in Upper Miocene lacustrine deposits of Lake Pannon. Geophysical Research Abstracts 13, EGU2011-3142, EGU General Assembly 2011, Vienna.
- 259 Hengst B., Zuschin M., Harzhauser M., Mandic O., Roetzel R. 2011. Die Faunenzusammensetzung und Paläoökologie eines subtropischen Ästuars aus dem Burdigal des Korneuburger Beckens. 82. Jahrestagung der Paläontologischen Gesellschaft, Wien, Beiträge zur Paläontologie, 32, 10-11.
- 258 Kern, A.K., Harzhauser, M., Mandic, O., Piller, W.E., Soliman, A. 2011. Linking high-resolution environmental proxies to solar cycles in Tortonian lake sediments. 28<sup>th</sup> IAS Meeting of Sedimentology 2011, Zaragoza, Spain, p. 411.
- 257 Kern, A.K., Harzhauser, M., Piller, W.E., Kroh, A., Reuter, M. 2011. Pollen-based climate estimates report. 4. Jahrestagung NOBIS Austria, Salzburg.
- 256 Kern, A.K., Harzhauser, M., Piller, W.E., Mandic, O., Soliman, A. 2011. Solar cycles in Late Miocene lake sediments and their impact in lake-related environments. GSA Annual Meeting & Exposition, Minneapolis, USA, Vol. 43, No. 5, p.539.

- 255 Kern, A.K., Harzhauser, M., Soliman, A., Mandic, O., Piller, W.E. 2011. Ecological oscillations in relation to solar-influenced lake-level changes of Lake Pannon. Joint RCMNS-RCANS Interim Colloquium 2011, Salamanca, Spain, p. 146.
- 254 Kern, A.K., Harzhauser, M., Soliman, A., Mandic, O., Piller, W.E. 2011. Tortonian small-scale vegetation dynamics within a solar-cycle influenced lake-environment. *Anusrul Institutului Geoligival Romaniei* 77, p. 22 (12<sup>th</sup> annual NECLIME meeting Bucharest, Romania).
- 253 Mandic O., de Leeuw A., Vukovic B., Krijgsman W., Harzhauser M., Kuiper K.F. 2011. Palaeoenvironmental evolution of Lake Gacko (Southern Bosnia and Herzegovina): impact of the Middle Miocene Climatic Optimum on the Dinaride Lake System. 82. Jahrestagung der Paläontologischen Gesellschaft, Wien,
- 252 Neubauer, T., Mandic, O., Harzhauser, M. 2011. Rapid morphotype replacement triggered by extrinsic factors in Miocene lake mollusks from the Dinaride Lake System (Sinj Basin, SE Croatia). *Geophysical Research Abstracts*, 13, EGU2011-1712, EGU General Assembly 2011, Vienna.
- 251 Neubauer, T.A., Harzhauser, M., Mandic, O., Pavelić, D., Vranković, A. 2011. Morphological evolution in Middle Miocene freshwater gastropods from the Dinaride Lake System: shifting optima on the adaptive landscape. 5<sup>th</sup> Annual meeting of NOBIS Austria, Salzburg, p. 11.
- 250 Neubauer, T.A., Mandic, O., Harzhauser, M., Pavelić, D., Vranjković, A. 2011. Middle Miocene freshwater gastropods from the Dinaride Lake System: punctuated morphological disparity as result of rapid climate change. 82. Jahrestagung der Paläontologischen Gesellschaft, September 12-16, 2011, Universität Wien. Abstracts, Beiträge zur Paläontologie, 32, p. 26.
- 249 Rocholl, A., Ovtcharova, M., Schaltegger, U., Wijbrans, J., Pohl, J., Harzhauser, M., Prieto, J., Ulbig, A., Boehme, M. 2011. A precise and accurate "astronomical" age of the Ries impact crater, Germany: A cautious note on argon dating of impact material. *Geophysical Research Abstracts* 13, EGU2011-13322-7, EGU General Assembly 2011, Vienna.
- 248 Schneider S., Harzhauser M., Kroh A., Lukeneder A., Zuschin M. 2011. The horns from Ernstbrunn – Composition and palaeoecology of a Tithonian reef-associated lagoonal bivalve community. 82. Jahrestagung der Paläontologischen Gesellschaft, Wien, p. 33.
- 247 Soliman, A., Harzhauser, M., Kern, A.K., Piller, W.E. 2011. Tracing morphological variations in gonyaulacoid and peridinioid dinocysts in response to the Lake Pannon ecosystem changes. AASP 2011 conference, Southampton, United Kingdom, p. 42.
- 246 Soliman, A., Kern, A.K., Harzhauser, M., Piller, W.E. 2011. Late Miocene radiation of endemic organic-walled phytoplankton (Acritarchs and dinoflagellates) in Lake Pannon (central Europe), 9<sup>th</sup> International Conference on Modern and Fossil Dinoflagellates, Liverpool, p.96.
- 245 Soliman, A., Kern, A.K., Harzhauser, M., Piller, W.E., Gross, M. 2011. Centennial-scale variability in paleo-productivity signals from the early Tortonian (Mataschen, Austria): the dinoflagellate cyst perspective. 1<sup>st</sup> Joint RCMNS – RCANS Interim Colloquium, Salamanca, Spain, p. 217.
- 244 Zuschin M., Harzhauser M., Mandic O. 2011. Palaeocommunity dynamics at different hierarchical levels. 82. Jahrestagung der Paläontologischen Gesellschaft. 13.-15. September 2011, Wien. Beiträge zur Paläontologie, 32, p. 43-44.
- 243 Zuschin, M., Harzhauser, M., Pipik, R., Starek, D. 2011. Continental trace fossils around Lake Pannon (Upper Miocene, Central Paratethys). *Taphos* 2011, 6th International meeting on Taphonomy and Fossilization, 14th -17th June, Tübingen, Abstract Volume, p. 88.
- 242 Zuschin, M., Harzhauser, M., Pipik, R., Starek, D. 2011. Upper Miocene continental trace fossils around Lake Pannon (Central Paratethys). 82. Jahrestagung der Paläontologischen Gesellschaft. 13.-15. September 2011, Wien. Beiträge zur Paläontologie, 32, p. 79-80.
- 
- 241 Harzhauser, M., Newman, W.A., Grunert, P. 2010. The roots of sea-turtle fouling barnacles (Chelonibiidae, Cirripedia, Balanomorpha). NOBIS Austria, 4. Conference, Graz, Abstracts, 21.
- 240 Kern, A.K., Harzhauser, M., Soliman, A., Piller, W.E., Gross, M. 2010. From taxonomy to deep time resolution: decadal scale Late Miocene vegetation dynamics deciphered from palynomorph assemblages. NOBIS Austria, 4. Conference, Graz, Abstracts, 24.
- 239 Neubauer, T.A., Mandic, O., Harzhauser, M. 2010. Quantifying evolution – paleolake mollusks from the Dinaride Lake System (Middle Miocene, Sinj Basin, SE Croatia). NOBIS Austria, 4. Conference, Graz, Abstracts, 39.
- 238 Soliman, A., Harzhauser, M., Kern, A., Piller, W.E. 2010. Miocene dinoflagellate cyst as links between taxonomy and oil industry. NOBIS Austria, 4. Conference, Graz, Abstracts, 44.

- 237 Piller, W.E., Kern, A., Harzhauser, M., Soliman, A. & Gross, M. 2010. Climate reconstruction based on high-resolution palynological analyses of Lake Pannon sediments (Late Miocene, Central Europe). - 18th International Sedimentological Congress - Mendoza, Argentina, 2010, Abstract Volume, 707.
- 236 Piller, W.E., Grunert, P., Harzhauser, M., Rögl, F., Sachsenhofer, R., Gratzer, R. & Soliman, A., 2010: Oceanographic conditions as a trigger for the formation of an early Miocene (Aquitania) Konservat-Lagerstätte in the Central Paratethys Sea. Geological Society of America, *Abstracts with Programs*, 42/5, CD-ROM, Denver.
- 235 Harzhauser, M., Mandic, O., Mayrhofer, S., Zuschin, M. 2010. Late Miocene depositional environments in the Indol-Kuban Basin. AAPG European Region Annual Conference, Kiev, Abstracts CD-ROM.
- 234 Harzhauser, M., Grunert, P., Kern, A., Mandic, O., Piller, W.E., Soliman, A., Gross, M. 2010. Sub-Milankovitch cycles in Paratethyan sediments. AAPG European Region Annual Conference, Kiev, Abstracts CD-ROM.
- 233 Grunert, P., Ćorić, S., Soliman, A., Harzhauser, M., Piller, W.E., Hinsch, R., Sperl, H. 2010. Facies and stratigraphy of the early and middle Burdigalian North Alpine Foreland Basin (Hall Fm., Eggenburgian). *Pangeo Austria*, 2010, Leoben, Abstracts.
- 232 Grunert, P., Harzhauser, M., Rögl, F., Sachsenhofer, R.F., Gratzer, R., Soliman, A., Piller, W.E. 2010. Oceanographic trigger mechanisms for the formation of an Early Miocene (Aquitania) *Konservat-Lagerstätte* in the Central Paratethys Sea. *Pangeo Austria*, 2010, Leoben, Abstracts.
- 231 Grunert, P., Sachsenhofer, R.F., Piller, W.E., Harzhauser, M., Hinsch, R., Sperl, H. 2010. Tracing Central Paratethys evolution in the Early Miocene North Alpine Foreland Basin: The geochemical approach. *Pangeo Austria*, 2010, Leoben, Abstracts.
- 230 Harzhauser, M., Kollmann, H.A. 2010. Fossilienwelt Weinviertel & GeoZentrum Gams - Vergangenheit erlebbar machen. *Pangeo Austria*, 2010, Leoben, Abstracts.
- 229 Harzhauser, M., Schlögl, J. 2010. Lepadiform and scalpelliform barnacles from the Oligocene and Miocene of the Paratethys Sea. *Pangeo Austria*, 2010, Leoben, Abstracts.
- 228 Harzhauser, M., Grunert, P., Piller, W.E. 2010. A distinct cooling predates the Mid-Miocene Climate Optimum in Central Europe. *Pangeo Austria*, 2010, Leoben, Abstracts.
- 227 Harzhauser, M., Newman, W.A., Grunert, P. 2010. A new Early Miocene barnacle lineage and the roots of sea-turtle fouling Chelonibiidae (Cirripedia, Balanomorpha). *Pangeo Austria*, 2010, Leoben, Abstracts.
- 226 Hengst, B., Zuschin, M., Harzhauser, M., Mandic, O., Roetzel, R. 2010. Quantitative faunal composition of estuarine and shallow marine Upper Burdigalian deposits of the Korneuburg Basin in Lower Austria. *Pangeo Austria*, 2010, Leoben, Abstracts.
- 225 Kern, A., Harzhauser, M., Soliman, A., Piller, W.E. 2010. High-resolution studies comparing magnetic susceptibility and paleoenvironmental change with focus on small scale cyclicity in Lake Pannon. *Pangeo Austria*, 2010, Leoben, Abstracts.
- 224 Lukeneder, A., Harzhauser, M., Müllegger, S., Piller, W.E. 2010. Ontogeny and habitat change in Mesozoic cephalopods revealed by stable isotopes ( $\delta^{18}\text{O}$ ,  $\delta^{13}\text{C}$ ). *Pangeo Austria*, 2010, Leoben, Abstracts.
- 223 Mandic, O., Harzhauser, M., De Leeuw, A., Krijgsman, W., Pavelić, D., Hrvatović, H. 2010. Geodynamik und Klimaänderung als Motor der Evolution: miozäne Langzeitseen der Balkanhalbinsel. *Pangeo Austria*, 2010, Leoben, Abstracts.
- 222 Neubauer, T., Mandic, O., Harzhauser, M., Zuschin, M. 2010. Quantifying evolution - ancient paleolake mollusks from the Dinaride Lake System (Middle Miocene, Sinj Basin, SE Croatia). *Pangeo Austria*, 2010, Leoben, Abstracts.
- 221 Soliman, A., Kern, A., Harzhauser, M., Piller, W.E., Gross, M. 2010. A high-resolution dinoflagellate cyst record from Late Miocene (Pannonian) sediments in Mataschen, Austria. *Pangeo Austria*, 2010, Leoben, Abstracts.
- 220 Wiedl, T., Harzhauser, M., Piller, W.E. 2010. Lithostratigraphy and facies of a Middle Badenian limestone succession in the Mannersdorf quarries (Austria, Central Paratethys). *Pangeo Austria*, 2010, Leoben, Abstracts.
- 219 Wiedl, T., Harzhauser, M., Ćorić, S., Piller, W.E.: Facies and lithostratigraphic anatomy of a Central Paratethys temperate carbonate platform (Leitha Mountains, Badenian, Austria). *Pangeo Austria*, 2010, Leoben, Abstracts.
- 218 Harzhauser M., Piller W.E., Grunert P. 2010. Changing seasonality patterns from Miocene Climate Optimum to Miocene Climate Transition deduced from the *Crassostrea* isotope archive. XIX Congress of the Carpathian-Balkan Geological Association, Thessaloniki, Abstracts, 154.
- 217 Kern A., Harzhauser M., Soliman A., Piller W., Gross M. 2010. Late Miocene environmental changes in an embayment of Lake Pannon on a decadal-scale. XIX Congress of the Carpathian-Balkan Geological Association, Thessaloniki, Abstracts, 186.

- 216 Harzhauser, M., Kern, A., Piller, W.E., Soliman, A. 2010. Is there a correlation of sub-Milankovitch cycles in magnetic susceptibility of Upper Miocene Lake sediments and vegetation? 8<sup>th</sup> European Palaeobotany-Palynology Conference, Abstracts, 110 (Talk).
- 215 Kern, A., Harzhauser, M., Soliman, A., Piller, W.E., Gross, M. 2010. Highresolution vegetation-analysis at the shores of Lake Pannon with reference to climate. 8<sup>th</sup> European Palaeobotany-Palynology Conference, Abstracts, 132, Budapest.
- 214 Soliman, A., Grunert, P., Harzhauser, M., Piller, W.E., Hinsch, R., Sperl, H. 2010. Dinoflagellate cysts from the Early Miocene North Alpine Foreland Basin (Upper Austria, Central Paratethys), 8<sup>th</sup> European Palaeobotany-Palynology Conference, Abstracts, 217-218.
- 213 Soliman, A., Piller, W.E. Harzhauser, M., Kern, A., Gross, M. 2010. New data on the taxonomy of dinoflagellates from Lake Pannon (Late Miocene, Austria). 8<sup>th</sup> European Palaeobotany-Palynology Conference, Abstracts, 218.
- 212 Piller, W.E., Grunert, P., Harzhauser, M., (2010). Fossil bacterial cells in anoxic Early Miocene shales - synsedimentary bacterial communities or postsedimentary invaders? SEPM Field Conference, Denver 2010. Abstract Volume, p. 41.
- 211 Grunert, P., Piller, W.E., Harzhauser, M., Sperl, H., Hinsch, R. 2010. High-resolution foraminiferal micropaleontology in the Oligo-Miocene of the North Alpine Foreland Basin. AAPG Annual Convention & Exhibition 2010, New Orleans. *Conference Abstract*.
- 210 Paulissen, W., Luthi, S.M., Grunert, P., Harzhauser, M., Coric, S., Püttmann, J.R. 2010. Evaluating the relative contributions of tectonics and eustasy from a high-resolution stratigraphic record: a case study from the Vienna Basin. AAPG Annual Convention & Exhibition 2010, New Orleans. *Conference Abstract*.
- 209 Harzhauser, M., Piller, W.E., Mandic, O., Kern, A. 2010. The end-Burdigalian retreat of the Paratethys Sea from the eastern North Alpine Foreland Basin. Molasse Group Meeting, München, Abstracts, 20, Talk.
- 208 Coric, S., Holger, G., Harzhauser, M., Hengst, B., Kern, A., Mandic, O., Roetzel, R., Zuschin, M. 2010. Spectacular insights into estuarine to shallow marine sediments of the Karpatian (Lower Miocene) in the Korneuburg Basin (Lower Miocene). Molasse Group Meeting, München, Abstracts, 11.
- 207 Grunert, P., Harzhauser, M., Piller, W.E. 2010. Mid-Burdigalian cooling of Central Europe – How local tectonics and global climatic events shape regional paleoclimate. Molasse Group Meeting, München, Abstracts, 16, Talk.
- 206 Grunert, P., Soliman, A., Coric, S., Scholger, R., Roetzel, R., Harzhauser, M., Piller, W.E. 2010. Re-evaluation of the Ottnangian stratotype (middle Burdigalian, Central Paratethys). Molasse Group Meeting, München, Abstracts, 17, Talk.
- 205 Grunert, P., Coric, S., Soliman, A., Piller, W.E., Harzhauser, M., Hinsch, R., Sperl, H. 2010. Facies-evolution and stratigraphy of the North Alpine Foreland Basin during the early and middle Burdigalian (Hall Fm., Eggenburgian). Molasse Group Meeting, München, Abstracts, 18.
- 204 Hengst, B., Zuschin, M., Harzhauser, M., Mandic, O., Roetzel, R. 2010. Faunal composition of estuarine and shallow marine Upper Burdigalian deposits of the Korneuburg Basin in Lower Austria. Molasse Group Meeting, München, Abstracts, 22.
- 203 Roetzel, R., Coric, S., Harzhauser, M., Mandic, O. 2010. In search of the Eggenburgian-Ottnangian boundary at the southeastern margin of the Bohemian Massif (Lower Austria). Molasse Group Meeting, München, Abstracts, 37.
- 202 Grunert, P., Harzhauser, M., Piller, W.E. 2010. Mid-Burdigalian cooling of Central Europe - Impact of local tectonics and global climate. EGU General Assembly 2010, EGU2010-2618.
- 201 Hengst, B., Zuschin, M., Harzhauser, M., Mandic, O., Roetzel, R. 2010. The benthic marine assemblages of the estuarine and shallow marine Upper Burdigalian deposits of the Korneuburg Basin in Lower Austria. EGU General Assembly 2010, EGU2010-5798.
- 200 Mayrhofer, S., Zuschin, M., Harzhauser, M., Mandic, O. 2010. Molluscs as useful ecological and stratigraphical tools within a Middle Miocene (Sarmatian) endemic system. EGU General Assembly 2010, EGU2010-12057.
- 199 Piller, W.E. Reuter, M., Harzhauser, M., Kroh, A., Rögl, F., Coric, S. 2010. The Quilon Limestone (Kerala Basin/India) - an archive for Miocene Indo-Pacific seagrass beds. EGU General Assembly 2010, EGU2010-6751.
- 198 Zuschin, M., Harzhauser, M., Mandic, O. 2010. Palaeocommunity dynamics across the Lower to Middle Miocene 3rd order sequence boundary of the Central Paratethys. EGU General Assembly 2010, EGU2010-5791.
- 
- 197 Harzhauser, M., Mandic, O., Wesselingh, F. 2009. Long-lived ancient lakes as evolutionary islands. – Symposium Evolutionary islands 150 years after Darwin, Naturalis, Leiden, 12 & 13 February 2009.
- 196 Kern, A., Harzhauser, M., Piller, W.E., Reuter, M., 2009. Pollen and in-situ mangrove roots indicate a mangrove associated vegetation in Burdigalian sediments of Kerala (South India). 10th NECLIME meeting, Izmir.
- 195 Kern, A., Harzhauser, M. 2009. Taxonomy as fundament of pollen-based paleoclimate analysis. NOBIS 3, Vienna.

- 194 Grunert, P., Rögl, F., Harzhauser, M., Piller, W.E. 2009. Taxonomy of microfossils as key to the past: foraminiferal communities of an ancient upwelling site. NOBIS 3, Vienna.
- 193 Harzhauser, M. 2009. The fossil record as crystal ball for a predictable future. European Science Foundation/LESC, Strategic workshop on "Between Life and Earth Sciences -Palaeontology in a European Perspective", p. 6. Heraklion, Crete.
- 192 Lukeneder, A., Harzhauser, M. 2009. *Aturia aturi*-Schalenanhäufung in der Retz Formation (Miozän, Niederösterreich). Jahrestagung der ÖPG, Berichte der Geologischen Bundesanstalt, 81, 19-20.
- 191 Kern, A., Harzhauser, M., Mandic, O., Roetzel, R., Ćorić, S., Bruch, A.A., Zuschin, M. 2009. Daten zu Saisonalität und Vegetationsdynamik zu Beginn des Miozänen Klimaoptimums (Stetten, Korneuburger Becken). 15. Jahrestagung der ÖPG, Berichte der Geologischen Bundesanstalt, 81, 17-18.
- 190 Hengst, B., Zuschin, M., Harzhauser, M., Mandic, O., Roetzel, R. 2009. Die Molluskenfauna aus dem Karpat des Korneuburger Beckens. 15. Jahrestagung der ÖPG, Berichte der Geologischen Bundesanstalt, 81, 15.
- 189 Grunert, P., Harzhauser, M., Piller, W.E. 2009. Temperate Klimabedingungen im mittleren Burdigalium Mitteleuropas – globales oder lokales Phänomen? 15. Jahrestagung der ÖPG, Jahrestagung der ÖPG, Berichte der Geologischen Bundesanstalt, 81, 13-14.
- 188 Mayrhofer, S., Zuschin, M., Harzhauser, M., Mandic, O. 2009. Taxonomischer und Paläoökologischer Vergleich Sarmatischer Molluskenvergesellschaftungen aus Zentral- und Osteuropa. 15. Jahrestagung der ÖPG, Jahrestagung der ÖPG, Berichte der Geologischen Bundesanstalt, 81, 22-124.
- 187 Mandic, O., Harzhauser, M. 2009. Geologisch langlebige Seen als evolutionäre Inseln. 15. Jahrestagung der ÖPG, Jahrestagung der ÖPG, Berichte der Geologischen Bundesanstalt, 81, 21-22.
- 186 Harzhauser, M., Piller W.E, Kroh A., Mandic O., Reuter M., Berning B. 2009. The Eastern Mediterranean: biogeographic responses to the closure of the Oligocene-Miocene Tethyan Seaway. 11<sup>th</sup> ICZEGAR, Abstract Volume, Invited lectures, 3, Crete.
- 185 Mandic, O., Harzhauser, M. 2009. Long-lived lakes as laboratories of mollusk evolution: a case study from the Miocene Dinaride Lake System. SIAL5, Ochrid.
- 184 Harzhauser, M., Mandic, O. 2009. Long-lived lakes as evolutionary islands: examples from the Neogene of Central and South-Eastern Europe. SIAL5, Ochrid.
- 183 Grunert, P., Harzhauser, M., Piller, W.E. 2009. Fossil bacterial cells in Early Miocene shales - synsedimentary communities or postsedimentary invaders? GSA Meeting 2009. Conference Abstract.
- 182 Grunert, P., Piller, W.E., Soliman, A., Harzhauser, M., Roetzel, R. 2009. Upwelling in the sedimentary record - a case study from the Early Miocene Central Paratethys. NAMS 2009. Conference Abstract
- 181 Haring, A., Exner, U., Harzhauser, M. 2009. Surveying a fossil oyster reef using terrestrial laser scanning. Geophysical Research Abstracts, 11, EGU2009-10714
- 180 Mayrhofer, S., Zuschin, M., Harzhauser, M., Mandic, O. 2009. Taxonomic and palaeoecological comparison of Sarmatian (Middle Miocene) molluscs from Rumania, the Ukraine and Austria. Geophysical Research Abstracts, 11, EGU2009-8125.
- 179 Grundtner, M.-L., Harzhauser, M., Mandic, O., Gier, S., Wagneich, M. 2009. Pannonian (Upper Miocene) deposits at Steinbrunn (Vienna Basin, Austria). Geophysical Research Abstracts, 11, EGU2009-8862.
- 178 Grunert, P., Soliman, A., Coric, S., Piller, W.E, Harzhauser, M. 2009. The stratotype of the Early Miocene Ottnangian stage revised. Geophysical Research Abstracts, 11, EGU2009-9261-1.
- 177 Kern, A., Harzhauser, M., Mandic, O., Roetzel, R., Ćorić, S., Bruch, A.A., Zuschin, M. 2009. Millennial-scale vegetation dynamics in an estuary at the onset of the Miocene Climate Optimum (Korneuburg Basin, Austria). NECLIME, Izmir.
- 176 Kern, A., Harzhauser, M. 2009. Taxonomy as fundament of pollen-based paleoclimate analysis. 3. Jahrestagung NOBIS Austria, Wien.
- 175 Kern, A., Harzhauser, M., Mandic, O., Roetzel, R., Ćorić, S., Bruch, A.A., Zuschin, M. 2009. Millennial-scale vegetation dynamics in an estuary at the onset of the Miocene Climate Optimum (Korneuburg Basin, Austria). 10th NECLIME meeting, Izmir.
- 174 Zuschin, M., Harzhauser, M., Mandic, O. 2009. Palaeocommunity dynamics across the Lower to Middle Miocene boundary of the Central Paratethys. Ninth North American Paleontological Convention (NAPC 2009).
- 173 Lirer F., Harzhauser M., Piller W. E., Pelosi N., Sprovieri M. 2009. Towards the astronomical calibration of the base of Pannonian Regional Stage: correlation with standard Tortonian Stage. The 3rd International Workshop on the Neogene from the Central and South-Eastern Europe - NCSEE-3, Cluj.

- 172 Čorić, S., Harzhauser, M., Hengst, B., Mandic, O., Roetzel, R., Zuschin, M. 2009. New investigations in the Lower Miocene (Karpatian) sediments of the Korneuburg Basin (Lower Austria). The 3rd International Workshop on the Neogene from the Central and South-Eastern Europe - NCSEE-3, Cluj.
- 171 Rögl, F., Čorić, S., Harzhauser, M., Jimenez-Moreno, G., Kroh, A., Schultz, O., Wessely, G., Zorn, I. 2009. Biostratigraphy of the Middle Miocene stratotype at Baden Sooss (Lower Austria). The 3rd International Workshop on the Neogene from the Central and South-Eastern Europe - NCSEE-3, Cluj.
- 170 Grunert, P., Soliman, A., Coric, S., Piller, W.E., Harzhauser, M. 2009. The Otnangian stratotype - new insights from micropaleontology and geochemistry. In: Filipescu, S. (Ed.), 3rd International Workshop Neogene of Central and South-Eastern Europe: Cluj-Napoca, May 20-24 2009 - Abstract Volume, pp. 43-44. Presa Universitara Clujeana. Conference Abstract.
- 169 Grunert, P., Harzhauser, M., Piller, W.E., Sperl, H., Hinsch, R. 2009. Integrated facies-analysis in the Oligo-Miocene of the North Alpine Foreland Basin. In: Filipescu, S. (Ed.), 3rd International Workshop Neogene of Central and South-Eastern Europe: Cluj-Napoca, May 20-24 2009 - Abstract Volume, p. 41. Presa Universitara Clujeana. Conference Abstract.
- 168 Wiedl, T., Harzhauser, M., Piller W.E. 2009. A carbonate platform on the edge – from MMCO to MCT. 13<sup>th</sup> RCMNS, Naples.
- 167 Harzhauser, M., Mandic, O., Roetzel, R., Coric S. 2009. High subsidence rates as prerequisite to preserve precessional cycles in a late Early Miocene estuary. 13<sup>th</sup> RCMNS, Naples.
- 166 Harzhauser, M., Mandic, O., Haring, A., Zuschin, M., Exner, U., Pfeifer N. 2009. Terrestrial laser scanning as tool for the documentation of a giant latest Early Miocene *Crassostrea* biostrome. 13<sup>th</sup> RCMNS, Naples.
- 165 Kern, A., Harzhauser, M., Piller, W.E., Soliman A. 2009. Late Miocene wetland response to lake level oscillations. 13<sup>th</sup> RCMNS, Naples.
- 164 Grunert, P., Harzhauser, M., Piller W.E. 2009. An enigmatic mid-Burdigalian cold-spell in the marine records of the Paratethys. 13<sup>th</sup> RCMNS, Naples.
- 163 Mandic, O., Harzhauser M. 2009. Geodynamics meet biodynamics: Integrated earth science research unlockevolutionary patterns from Miocene continental freshwater fossil record (Dinaride Lake System, SE Europe). 13<sup>th</sup> RCMNS, Naples.
- 162 Mayrhofer, S., Zuschin, M., Harzhauser, M., Mandic, O. 2009. Taxonomic and palaeoecological comparison of Sarmatian (Middle Miocene) molluscs from Central and Eastern Europe. 13<sup>th</sup> RCMNS, Naples.
- 161 de Leeuw, A., Mandic, O., Krijgsman, W., Kuiper, K., Harzhauser, M., Pavelic, P., Vranjkovic, A., Bulic, J. 2009. A chronostratigraphy for the Dinarid Lake System. 13<sup>th</sup> RCMNS, Naples.
- 160 Paulissen, W.E., Luthi, S.M., Grunert, P., Harzhauser, M., Coric, C., Püttmann, J.R. 2009. Stratigraphic Analysis in a Well in the Central Paratethyan Vienna Basin covering the Middle to Late Miocene. 13<sup>th</sup> RCMNS, Naples.
- 159 Vranjković, A., Mandic, O., Lirer, F., de Leeuw, A., Jimenez-Moreno, G., Sprovieri, M., Harzhauser, M., Pavelić, D., Krijgsman W., Kuiper, K., Pelosi N. 2009. Orbitally-paced climate evolution from a continental freshwater lacustrine record (Sinj basin, SE Croatia). 13<sup>th</sup> RCMNS, Naples.
- 
- 158 Berning, B., Harzhauser, M., Piller, W.E., Mandic, O., Kroh, A., Reuter, M. 2008. Oligo-miozäne Biogeographie des westlichen Indopazifiks vor Schließung des Tethyan Seaway. Paläontologische Gesellschaft, Erlangen.
- 157 Berning, B., Harzhauser, M., Piller, W.E. 2008. The importance of deep time information for our understanding of modern ecosystems and biodiversity. NOBIS, Innsbruck, Abstracts, 8.
- 156 de Leeuw, A., Mandic, O., Kuiper, K., Harzhauser, M., Krijgsman, W., Bulic, J., Pavelic, D., Vranjkovic, A. 2008. Towards a chronostratigraphy for the Miocene Dinarid Lake System: New <sup>40</sup>Ar/<sup>39</sup>Ar ages and expanded magnetostratigraphic dating. EGU meeting, EGU2008-A-08765, Vienna.
- 155 Göhlich, U.B., Daxner-Höck, G., Harzhauser, M. 2008. The new vertebrate site Atzelsdorf (Austria) and its vertebrate fauna. – the 7<sup>th</sup> meeting of the European Association of Vertebrate Palaeontologists (EAVP), July 2008, Spišská Nová Ves, Slovakia.
- 154 Göhlich, U.B., Daxner-Höck, G., Harzhauser, M. 2008. Palaeo-Danube delta paradise: The vertebrate fauna from Atzelsdorf (Lower Austria, late Miocene). Journal of Alpine Geology, 49, 32, Pangeo, Wien
- 153 Göhlich, U.B., Daxner-Höck, G., Harzhauser, M. 2008. Palaeo-Danube delta paradise: The vertebrate fauna of Atzelsdorf (Lower Austria, Late Miocene). NOBIS, Innsbruck, Abstracts, 10.
- 152 Grunert, P., Harzhauser, M., Piller, W.E., Sperl, H. 2008. Integrated Facies-Analysis in the Oligo-Miocene of the North Alpine Foreland Basin. Journal of Alpine Geology. 49: 33, Pangeo, Wien.

- 151 Grunert, P., Soliman, A., Harzhauser, M., Müllegger, S., Piller, W.E., Roetzel, R., Rögl, F. 2008. Upwelling in the early Oligocene Central Paratethys - a multi-proxy approach. Molasse Group Meeting 2008, Conference Abstract, Stuttgart.
- 150 Grunert, P., Soliman, A., Čorić, S., Piller, W.E., Harzhauser, M. 2008. Integrated biostratigraphy and geochemistry of the Oligocene stratotype section. *Journal of Alpine Geology*. 49: 33-34, Pangeo, Wien.
- 149 Harzhauser, M., Mandic, O. 2008. Faunal diversity, gradients and interrelations in Neogene Lake Systems of Central and South-Eastern Europe. *Journal of Alpine Geology*. 49: 36-37, Pangeo, Wien.
- 148 Harzhauser, M., Mandic, O. 2008. Mollusc Evolution in Neogene Lake Systems of Central and South-Eastern Europe. NOBIS, Innsbruck, Abstracts, 13.
- 147 Harzhauser, M., Mandic, O., Latal, C. 2008. The water-chemistry of the Miocene Dinarid Lake System revealed by stable isotopes of mollusc aragonite. EGU meeting, EGU2008-A-07404, Vienna.
- 146 Harzhauser, M., Gregorova, R., Schultz, O., Kroh, A., Coric, S. 2008. A giant early Miocene sunfish from the North Alpine Foreland Basin and its implication for mollid phylogeny. *Journal of Alpine Geology*. 49: 36, Pangeo, Vienna.
- 145 Harzhauser, M., Gregorova, R., Schultz, O., Kroh, A., Čorić, S. 2008. A giant early Miocene sunfish from the North Alpine Foreland Basin and its implication for mollid phylogeny. NOBIS, Innsbruck, Abstracts, 14.
- 144 Harzhauser, M., Piller, W.E., Kroh, A., Berning, B., Reuter, M. 2008. Aquitanian biogeography of Eastern Africa based on gastropod assemblages from Coastal Tanzania. EGU meeting, EGU2008-A-07434, Vienna.
- 143 Kern, A., Harzhauser, M. 2008. Tracing the late Miocene climate change – a palynomorph-based pilot-study in the Vienna Basin. *Journal of Alpine Geology*. 49, 52, Pangeo, Vienna.
- 142 Kern, A., Harzhauser, M., Soliman, A., Minati, K., Piller, W.E., Danielopol, D.L., Zuschin, M. 2008. Oscillation of the paleoenvironment around Lake Pannon revealed by ultra-high-resolution pollen sampling. 12<sup>th</sup> international palynological congress IPC-XII and the 8<sup>th</sup> international organisation of palaeobotany conference IOPC-VIII, Bonn.
- 141 Kern, A., Harzhauser, M., Soliman, A., Minati, K., Piller, W.E., Danielopol, D.L., Zuschin, M. 2008. Ultrahochauflösende Analysen spätmiozäner Palynofloren deuten auf zyklische Änderungen der Vegetationszonen rund um den Pannonsee. *Berichte der geologischen Bundesanstalt*, 75, 19-20, 14. Jahrestagung ÖGP, Dornbirn.
- 140 Mandic, O., Harzhauser, M., Roetzel, R. 2008. Evidence for tidal currents and benthic mass-mortality events in the Sarmatian Paratethys Sea (middle Miocene, North Alpine Foredeep Basin). EGU meeting, EGU2008-A-08497, Vienna.
- 139 Mandic, O., Pavelic, D., Harzhauser, M., Zupanić, J., Reischenbacher, D., Sachsenhofer, R.F., Tadej, N., Vranjković, A. 2008. Multi-proxy paleoenvironmental analysis of the Miocene, long-lived, hard-water Lake Sinj (Dinaride Lake System, SE Croatia). EGU meeting, EGU2008-A-07854, Vienna.
- 138 Mayrhofer, S., Zuschin, M., Harzhauser, M., Mandic, O. 2008. Taxonomie und Paläoökologie sarmatischer Molluskenvergesellschaftungen von zwei Lokalitäten aus Rumänien und der Ukraine. *Journal of Alpine Geology*. 49: 68, Pangeo, Wien.
- 137 Meller, B., Tröscher, M., Harzhauser, M., Mandic, O. 2008. Wien vor 10,5 Millionen Jahren – paläontologische Untersuchungen an pannonischen Sedimenten aus dem Wiener Stadtgebiet (Obermiozän, Österreich). *Berichte der geologischen Bundesanstalt*, 75, 27-28, 14. Jahrestagung ÖGP, Dornbirn.
- 136 Micheels, A., Bruch, A.A., Eronen, J., Fortelius, M., Harzhauser, M., Mosbrugger, V., Utescher, T. 2008. An analysis of the Late Miocene climate gradients in Europe based on atmospheric circulation patterns of a climate model experiment. NECLIME-meeting, Bonn.
- 135 Posch-Trözmüller, G., Čorić, S., Peresson, M., Draxler, I., Harzhauser, M. 2008. Quartäre und Neogene Sedimente im nördlichen Wiener Becken und angrenzenden Bereichen.– Bauaufschlüsse entlang der A5-Nordautobahn und der S1-Wiener Außenring Schnellstraße. *Journal of Alpine Geology*, 49: 83, Pangeo, Wien
- 134 Piller, W.E., Harzhauser, M., Kern, A., Soliman, A., Minati, K., Danielopol, D. L., Zuschin, M. 2008. Centennial- to Decadal-Scale Environmental Shifts in and around Lake Pannon Related to a Major Late Miocene Lake-Level Rise. GSA meeting 2008, Abstract No: 149830
- 133 Piller, W.E., Harzhauser, M., Kroh, A., Mandic, O., Reuter, M. 2008. The evolutionary pathway of the giant clams (Tridacninae) from their Paleogene roots to modern distribution. EGU meeting, EGU2008-A-10906, Vienna.
- 132 Reuter, M., Piller, W.E., Harzhauser, M., Kroh, A. 2008. Der Niedergang des Arabischen Schelfs – Peritidale Zyklen auf einer Karbonatplattform aus dem Oligozän/Miozän im Oman. *Journal of Alpine Geology*, 49: 87-88, Pangeo, Wien.
- 131 Zuschin, M., Harzhauser, M., Mandic, O. 2008. Eine quantitative Analyse des Faunenumschwungs in den Molluskenvergesellschaftungen an der Grenze vom Unter- zum Mittelmiozän der zentralen Paratethys. *Journal of Alpine Geology*, 49: 120-121, Pangeo, Wien.
-

- 130 Berning, B., Piller, W.E., Harzhauser, M., Mandic, O., Kroh, A., Reuter, M. 2007. Oligo-Miocene origination of the Atlantic-Mediterranean and Indo-Pacific biogeographic provinces. International Biogeography Society. Third Biennial Conference, January 9-13, 2007, Puerto de la Cruz, Tenerife, Canary Islands, p. 143.
- 129 de Leeuw, A., Mandic, O., Kuiper, K., Harzhauser, M., Krijgsman W. 2007. Constructing a Chronostratigraphy for the Miocene Dinaride Lake System. EGU.
- 128 Grunert, P., Harzhauser, M., Müllegger, S., Piller, W.E., Rögl, F. 2007. Early Miocene (Ottungian) coastal upwelling along the Bohemian Massif revealed by stable isotope data ( $\delta^{18}\text{O}$ ,  $\delta^{13}\text{C}$ ) of planktonic foraminifera. NECLIME 2007, Bratislava.
- 127 Harzhauser, M., Mandic, O. 2007. Neogene Lake Systems of Central Europe – diversity, gradients and faunistic interrelations. EGU
- 126 Harzhauser, M., Mandic, O., Pavelić, D. 2007. Astronomical forcing of depositional systems and mollusc radiations in the Miocene Dinaride Lake System . NECLIME 2007, Bratislava.
- 125 Harzhauser, M., Piller, W.E., Mandic, O., Kroh, A., Reuter M., Berning, B. 2007. Paleogeography versus Paleobiogeography: the rise of the western Indo-Pacific bioprovince predates the Terminal Tethyan Event. - Abstracts, Tagung der Gesellschaft für biologische Systematik, Wien.
- 124 Kern, A., Harzhauser, M., Piller, W.E., Soliman, A., Zetter, R. 2007. High-resolution palynology and sub-Milankovitch cycles in Lake Pannon – coupled or decoupled?. NECLIME 2007, Bratislava.
- 123 Lirer F., Harzhauser M., Pelosi N., Piller W.E.. 2007. Long-period variations in the Earth's obliquity and their relation to third-order eustatic cycles during the Middle-Late Miocene record from Mediterranean and the Paratethys area. EGU
- 122 Mandic, O., Harzhauser, M. 2007. Exceptional record of an exceptional radiation - mollusks of the Dinaride Lake System (Miocene, SE Europe). Barcelona.
- 121 Mandic, O., Harzhauser, M. 2007. Dinaride Lake System vs. Lake Pannon – the mollusc perspective. 2. international workshop on the Neogene of Central and South-Eastern Europe, Kapfenstein.
- 120 Mandic, O., Harzhauser, M., Pavelić, D., de Leeuw, A., Krijgsman, W. 2007. An integrative study of lacustrine successions of the Sinj Basin (Miocene Dinaride Lake System, SE Croatia) - paleontology, depositional history, cyclostratigraphy and paleomagnetism. EGU.
- 119 Micheels, A., Bruch, A., Eronen, J., Fortelius, M., Harzhauser, M., Mosbrugger, V., Uhl, D., Utescher, T. 2007. Late Miocene Climate Model Experiments. NECLIME 2007, Bratislava.
- 118 Minati, K., Danielopol, D. L. Harzhauser, M., W.E. Piller, 2007. The input of the Palaeolake Pannon (Central Europe) for the present-day limnological research. 30th Congress of the International Association of Theoretical and Applied Limnology. 12.-18.8.2007, Montreal, Kanada
- 117 Nagel, D., Harzhauser, M., Rögl, F., Zetter, R., Buttinger, R., Wanzenböck, G. 2007. Marines Knochenlager aus dem Mittelmiozän (Sarmat) des Wiener Beckens. Tagung der Paläontologischen Gesellschaft, Freiburg.
- 116 Pavelic, D., Mandic, O., Harzhauser, M., Zupanic, J., Vranjkovic, A. 2007. Sedimentology of Miocene fresh-water lacustrine deposits of the Sinj Basin (Dinarids, Croatia). Preliminary results. – IAS 25<sup>th</sup> Meeting of Sedimentology, Patras, Greece, Abstractbook, 285.
- 115 Piller, W.E., Harzhauser, M., Mandic, O. 2007. Miocene Central Paratethys stratigraphy – current status and future directions. 2. international workshop on the Neogene of Central and South-Eastern Europe, Kapfenstein.
- 114 Piller, W.E., Harzhauser, M., Kroh, A., Mandic, O., Reuter, M. 2007. The Indo-Pacific Mollusc Fauna – Back to its Oligocene and Miocene roots. GSA Denver, Abstracts.
- 113 Reuter, M., Piller, W.E., Harzhauser, M., Kroh, A. 2007. Collapse of the Arabian Shelf – timing and sedimentary pattern. 13<sup>th</sup> Bathurst Meeting of Carbonate Sedimentologists, Abstracts.
- 112 Zuschin, M., Harzhauser M., Mandic, O. 2007. Facies developments on the southwestern Vienna Basin margin (Badenian, Middle Miocene) and their paleoecological and paleogeographical significance. - EGU 2007, Geophysical Research Abstracts, Vol. 9, 10389, 2007.
- 111 Zuschin, M., Harzhauser, M., Mandic, O. 2007. Karpatian and Badenian molluscan assemblages of Austria - a quantitative approach to a major faunal turnover in the Central Paratethys. 2. international workshop on the Neogene of Central and South-Eastern Europe, Kapfenstein.
- 110 Reuter, M., Piller, W.E., Harzhauser, M., Kroh, A., 2007. Stacked cyclic sedimentary patterns prior to the Arabian shelf collapse (Oligocene/Miocene, Oman). - Geo.Alp, SEDIMENT 2007, 4: 78, Innsbruck.
- 109 Harzhauser, M. 2006. Cataloguing Geological and Palaeontological Collections: Accession and Disposal Policies of Geological and Palaeontological Material. Summer School on Geological and Palaeontological Heritage, 21.-26. August, Lesvos/Griechenland.

- 108 Harzhauser, M. 2006. Museum collections – fundamentals of biological sciences in a new millennium. Natural History Researches of the Rijeka Region. 2<sup>nd</sup> Scientific Symposium, 14. - 17. Juni 2006, Rijeka/Kroatien.
- 107 Harzhauser, M., Latal, C., Piller, W.E., 2006. The stable isotope archive of Lake Pannon as a mirror of Late Miocene climate change. Conference Series, PANGEO AUSTRIA, 89, Innsbruck.
- 106 Harzhauser, M., Lirer, F., Wagner, K., Schmid, H. P., Piller, W.E. 2006. Power spectra analysis proves the presence of Milankovitch periodicity in the Miocene depositional systems of the Vienna Basin. EGU, Geophysical Research Abstracts, 8, 02214.
- 
- 105 Harzhauser, M., Piller, W.E. 2006. Palaeogeography, Palaeobiogeography and Events in the Central Paratethys during the Miocene. NECLIME meeting Prague.
- 104 Harzhauser, M., Piller, W.E., Müllegger, S., Mandic, O. 2006. The giant oyster *Crassostrea gryphoides* as a trans-Miocene climate archive. EGU, Geophysical Research Abstracts, 8, 04887
- 103 Harzhauser, M., Piller, W.E., Latal, C. 2006. Mollusc-based stable isotope record of a Miocene Central European Inland Sea. EGU, Geophysical Research Abstracts, 8, 02216.
- 102 Harzhauser, M., Zuschin, M., Mandic, O., Sovis, W., Schmid, B. 2006. Das Korneuburger Becken - von der Grabung zur Erlebniswelt. 12. Jahrestagung der Österreichischen Paläontologischen Gesellschaft, Bad Vöslau, Abstracts.
- 101 Hubmann, B., Gross, M., Schultz, O. 2006. Die Österreichische Paläontologische Gesellschaft: 40 Jahre alt! 12. Jahrestagung der Österreichischen Paläontologischen Gesellschaft, Bad Vöslau, Abstracts.
- 100 Islamoglu, Y., Harzhauser, M., Gross, M., Coric, S., Jimenez-Moreno, G., Kroh, A. 2006. İki Farklı Paleobiyocoğrafik Saha Arasındaki İlişki Bölgesi Olarak Erken Oligosen Trakya Havzası (KB Türkiye) –( The Early Oligocene Thrace Basin (NW Turkey) as a tie point between two different paleobiogeographic realms). 59. Geological Congress of Turkey, March 20-24.2006, The Chamber of Geological Engineers, Congress Center of General Directorate of MTA, Abstracts.
- 99 Kroh, A., Harzhauser, M., Piller, W., Reuter, M., Mandic, O. und Berning, B. 2006. Von Acroporen Teppichen und Elefantenmuscheln. Oberoligozäne Karbonate der Arabischen Platte und ihre Bedeutung für die Entstehung der Indopazifischen Faunenprovinz. 12. Jahrestagung der Österreichischen Paläontologischen Gesellschaft, Bad Vöslau, Abstracts.
- 98 Lirer, F., Harzhauser, M., Wagner, K., Schmid, H. P., Piller, W.E. 2006. Milankovitch periodicity in the Paratethys Miocene in the depositional systems of the Vienna Basin. – Conference Series, PANGEO AUSTRIA, 178, Innsbruck.
- 97 Mandic, O., Harzhauser, M. 2006. Macroevolutionary dynamics within Neogene lacustrine ecosystems of Central and Southeastern Europe. - EGU General Assembly 2006, April, 2nd-7th, Vienna, Geophysical Research Abstracts, Vol. 8, 05203, 2006.
- 96 Mandic, O., Harzhauser, M. 2006. Neogene Dreissenids in Central Europe - Evolutionary shifts and diversity changes. - Scientific Program and Abstracts, International Congress on Bivalvia - Bellaterra, July 22-27, 2006 (Universitat Autònoma de Barcelona) Bellaterra / Spain.
- 95 Mandic, O., Harzhauser, M. 2006. Evolution in isolierten Ökosystemen: Die neogenen Dinariden-Seen. Welchen Einfluss hatten die Dinariden-Mollusken auf den Pannonischen See? 12. Jahrestagung der Österreichischen Paläontologischen Gesellschaft, Bad Vöslau, Abstracts.
- 94 Mandic, O., Harzhauser, M., Pavelic, D. 2006. Cyclostratigraphy as a powerful evolutionist tool: case study from the Miocene of the Dinaride Ancient Lake System. Conference Series, PANGEO AUSTRIA, 188-189, Innsbruck.
- 93 Piller, W.E., Harzhauser, M., Kroh, A., Reuter, M. 2006. Oligo/Miocene biota of S-Oman as witness for biogeographic differentiation and biotic gradients in the western Indo-Pacific. EGU, Geophysical Research Abstracts, 8, 04902.
- 92 Piller, W.E., Harzhauser, M. 2006. Paratethyan “stages” and correlation problems with “standard” Mediterranean stages. Penrose Conference - Geological Society of America, Schloss Seggau, Austria, p. 12-13.
- 91 Piller, W.E., Harzhauser, M., Latal, C. 2006. The Central Paratethys – An Example For The Isotopic Evolution Of An Epicontinental Sea - Geological Society of America, Meeting Abstracts 38, 7, Philadelphia.
- 90 Piller, W.E., Schönlaub, H.-P., Harzhauser, M., Hofmann, T. 2006. The International Year of Planet Earth. Die Positionierung Österreichs. Conference Series, PANGEO AUSTRIA, 247, Innsbruck.
- 89 Piller, W.E., Harzhauser, M., Kroh, A., Reuter, M., Berning, B. 2006. Faunal gradients and biogeographic patterns in the Oligo-Miocene of the western Indo-Pacific: insights from the Arabian Peninsula. *The Palaeontological Association Newsletter* 63: 67, 50<sup>th</sup> Annual Meeting of the Palaeontological Association, 18th-21st December, Sheffield, UK.
- 88 Reuter, M., Piller, W.-E., Harzhauser, M., Kroh, A., Mandic, O., Berning, B. 2006. Flachmarine Faunen aus dem Oman und ihre Bedeutung für die Entwicklung der Indo-Pazifischen Faunenprovinz im Oligo/Miozän. – Conference Series, PANGEO AUSTRIA, 279, Innsbruck.

- 87 Reuter, M., Piller, W.E., Harzhauser, M., Kroh, A., Mandic, O., Berning, B. 2006. Faunengradienten im Oligozän/Miozän des westlichen Indopazifiks: Erste Ergebnisse aus dem Oman. - 76. Jahrestagung der Paläontologischen Gesellschaft, Kiel 28.-30. August 2006, Berichte des Instituts für Geowissenschaften Christian-Albrechts-Universität Kiel 22: 108-109. (Poster)
- 86 Zuschin, M., Harzhauser, M., Mandic, O. 2006. Stop Gainfarn. 12. Jahrestagung der Österreichischen Paläontologischen Gesellschaft, Bad Vöslau, Excursions.
- 85 Zuschin, M., Harzhauser, M., Mandic, O. 2006. The stratigraphic and sedimentologic framework of fine-scale gradual and disjunct faunal replacements in the Middle Miocene of the Vienna basin (Austria). 76. Jahrestagung der Paläontologischen Gesellschaft in Kiel, 28-30 August 2006, Berichte des Instituts für Geowissenschaften Christian-Albrechts-Universität Kiel, Band 22, p. 157-158.
- 
- 84 Buttinger, R., Danielopol, D. L., Harzhauser, M., Zuschin, M. 2005. Small scale shifts in agitated paleoenvironments of Lake Pannon based on ostracod assemblages (preliminary results). [12<sup>th</sup> RCMNS Congress, 6-11<sup>th</sup> September 2005, Abstracts, 37, Vienna.](#)
- 83 Harzhauser, M. 2005. From the Paratethys Sea to Lake Pannon – the development of Late Oligocene and Miocene mollusc faunas in a fragile aquatic system. 75. Jahrestagung der Paläontologischen Gesellschaft, Abstracts, 103, Graz.
- 82 Harzhauser, M. 2005. From the Paratethys Sea to Lake Pannon: the development of Late Oligocene and Miocene mollusc faunas in a fragile aquatic system. 12<sup>th</sup> RCMNS Congress, 6.-11. September 2005, [Abstracts](#), 86-88, Vienna
- 81 Harzhauser, M., Mandic, O. 2005. Advantages and limitations of using molluscs for paleoecological analysis in Oligo/Miocene Carbonate systems. - Miocene Carbonate Systems, ESF workshop, February 2005. Potsdam.
- 80 Harzhauser, M., Mandic, O. 2005. Neogene Dreissenids in Central Europe – exploring the limits. Sixth Paleontology and Stratigraphy Workshop, 23-25. September 2005, Abstracts, Sinop.
- 79 Harzhauser, M., Piller, W.E., Latal, C., Mandic, O. 2005. Enigmatic patterns in Late Miocene molluscs triggered by advanced seasonal precipitation? Annual NECLIME meeting, 1-4<sup>th</sup> October 2005, Sofia.
- 78 Harzhauser, M., Sattmann, H., Haring, E. 2005. Die Sprache der Wissenschaft und ihre Übersetzer - Forschen und Vermitteln im Naturhistorischen Museum Wien. Österreichischer Museumstag, Wien.
- 77 Islamoglu, Y., Harzhauser, M., Gross, M., Coric, S. 2005. From Coral-Sea to Mangrove-Swamp - the Oligocene of the Thrace Basin (NW Turkey). 12<sup>th</sup> RCMNS Congress, 6.-11. September 2005, [Abstracts](#), 111-112, Vienna.
- 76 Jiménez-Moreno, G., Head, M.J., Harzhauser, M. 2005. Early and Middle Miocene dinoflagellate cyst stratigraphy of the Pannonian and Vienna basins, central Europe. SEPM Conference "Geologic Problem Solving with Microfossils", March, 6–11, Rice University, Houston, Texas, USA. Program and Abstracts, p. 88.
- 75 [Jiménez-Moreno, G., Head, M.J., Harzhauser, M. 2005. A dinoflagellate cyst zonation for the Early and Middle Miocene of the Pannonian and Vienna basins, central Europe. 12<sup>th</sup> RCMNS Congress, 6-11<sup>th</sup> September 2005, Abstracts, 119-120, Vienna.](#)
- 74 Lukeneder, A., Harzhauser, M. 2005. Morphology, feeding habits and phylogenetic implications of the Cretaceous coleoid *Dorateuthis syriaca* Woodward. Geophysical Research Abstracts, Vol. 7, European Geosciences Union 2005, EGU Wien, April 2005.
- 73 Minati, K., Danielopol, D., Harzhauser, M. 2005. The composition of Pannonian ostracod assemblages as indicator of wetland ecology. 12<sup>th</sup> RCMNS Congress, 6.-11. September 2005, [Abstracts](#), 167, Vienna.
- 72 Zuschin, M., Harzhauser, M., Mandic, O. 2005. The stratigraphic framework of fine-scale gradual and disjunct faunal replacements in the Middle Miocene shallow-water environments at the locality Gainfarn (Vienna basin, Austria). 12<sup>th</sup> RCMNS Congress, 6.-11. September 2005, [Abstracts](#), 252, Vienna.
- 
- 71 Harzhauser, M., Daxner-Höck, G., Piller, W.E. 2004. An integrated stratigraphy of the Pannonian (Late Miocene) in the Vienna Basin. - Berichte des Institutes für Erdwissenschaften Karl-Franzens Universität Graz, 9, 172-173.
- 70 Harzhauser, M., Kowalke, T. 2004. Nassariidae and Rissoidae Gastropod assemblages – a mirror of environmental dynamics in the Paratethys Sea. - Berichte des Institutes für Erdwissenschaften Karl-Franzens Universität Graz, 9, 174-175.
- 69 Harzhauser, M., Piller, W.E. 2004. Sedimentary Sequences and Marine Faunal Response during HRI 3 (~14-17 Ma) in the Central Paratethys (with reference to Austrian basins). EEDEN Workshop, Crete.
- 68 Harzhauser, M., Piller, W.E. 2004. An integrated stratigraphy of the Sarmatian (Upper Middle Miocene) in the western Central Paratethys. Berichte des Institutes für Erdwissenschaften Karl-Franzens Universität Graz, 9, 176-177.

- 67 Latal, C., Piller, W.E., Harzhauser, M. 2004. Rekonstruktion von Paläoumweltbedingungen: Sauerstoff- und Kohlenstoffisotope in Miozänen Molluskenschalen. *Berichte des Institutes für Erdwissenschaften Karl-Franzens Universität Graz*, 9, 243-245.
- 66 Mandic, O., Harzhauser, M., Zuschin, M. 2004. Changes in Paratethyan marine molluscs at the Early/Middle Miocene transition – Diversity, Paleogeography and Paleoclimate. *Berichte des Institutes für Erdwissenschaften Karl-Franzens Universität Graz*, 9, 255.
- 65 Piller, W.E., Harzhauser M. 2004. Integrated Stratigraphy of the Sarmatian and Pannonian (upper Middle Miocene/Late Miocene) in the western Central Paratethys Sea. 32nd International Geological Congress, CD-Rom, Firenze.
- 64 Piller, W.E., Harzhauser, M. 2004. Riffbildung in extremer Umgebung: Bryostromatolithen aus dem Mittel-Miozän der Zentralen Paratethys. *Geobiologie*, 74. Jahrestagung der paläontologischen Gesellschaft, Kurzfassungen der Vorträge und Poster, 181-182, Göttingen.
- 63 Strauss, P., Harzhauser, M., Hinsch, R., Wägrich, M., Hölzel, M. 2004. Neogene sequence from 3D seismic and outcrops in the southern Vienna Basin (Austria). EGU 2004.
- 62 Summesberger, H., Harzhauser, M. 2004. Drehscheibe Naturhistorisches Museum Wien. Poster PANGEO 2004, Graz.
- 61 Zuschin, M., Harzhauser, M., Mandic, O. 2004. Influence of size-sorting on diversity estimates from tempestitic shell beds in the Middle Miocene of Austria. *Berichte des Institutes für Erdwissenschaften Karl-Franzens Universität Graz*, 9, 431, Graz.
- 60 Zuschin, M., Harzhauser, M., Mandic, O., Niederhuber, M. 2004. The sequence stratigraphic framework of sedimentary facies and paleocommunities at the Middle Miocene (Lower Badenian) locality Gainfarn (Vienna Basin, Lower Austria). *Berichte des Institutes für Erdwissenschaften Karl-Franzens Universität Graz*, 9, 431 Graz.
- 
- 59 Harzhauser, M., Binder, H. 2003. The Late Miocene mollusc fauna of the classical sections Richardhof and Eichkogel in the Vienna Basin (Austria, Pannonian, MN 9-MN 11). Abstractvolume, EEDEN - Environments and Ecosystem Dynamics of the Eurasian Neogene, Birth of the New World, Stará Lesná, November, 12 - 16th 2003: 27-28, (Univerzita Komenského) Bratislava.
- 58 Harzhauser, M., Mandic, O. 2003. The muddy bottom of Lake Pannon - a challenge for dreissenid settlement (Late Miocene, Bivalvia). - Abstractvolume, EEDEN - Environments and Ecosystem Dynamics of the Eurasian Neogene, Birth of the New World, Stará Lesná, November, 12-16th 2003, 31-32 (Univerzita Komenského) Bratislava.
- 57 Harzhauser, M., Piller, W.E. 2003. Sarmatian sequence stratigraphy in the western Central Paratethys. in: Piller, W.E. (Hrsg.). *Austrostrat 2003*, Vortragskurzfassungen, 4-5, Graz.
- 56 Harzhauser, M., Piller, W.E. 2003. The Sarmatian stratotype - a fossil flood-tidal delta on a Middle Miocene oolite-shoal (Austria). 10. Jahrestagung der Österreichischen Paläontologischen Gesellschaft, Zistersdorf, Abstractband: 2, Wien.
- 55 Harzhauser, M., Piller, W.E. 2003. Polychaets as bioconstructors in the early Sarmatian sea. First Austrian Reef Workshop, Abstracts, 14-15, Wien.
- 54 Harzhauser, M., Tempfer, P.M. 2003. Late Pannonian Wetland Ecology of the Vienna Basin based on Molluscs and Lower Vertebrate Assemblages (Late Miocene, MN 9, Austria). Abstractvolume, EEDEN - Environments and Ecosystem Dynamics of the Eurasian Neogene, Birth of the New World, Stará Lesná, November, 12-16th 2003, 33-34, (Univerzita Komenského) Bratislava.
- 53 Harzhauser, M., Daxner-Höck, G., Piller, W.E. 2003. Preliminary considerations on cyclic stratigraphy in the Pannonian of the Vienna Basin. - Abstractvolume, EEDEN - Environments and Ecosystem Dynamics of the Eurasian Neogene, Birth of the New World, Stará Lesná, November, 12-16th 2003, 29-30, (Univerzita Komenského) Bratislava.
- 52 Harzhauser, M., Schultz, O., Schmid, H.P., Kroh, A. 2003. Mass-Mortalities due to hypoxic events in a Middle Miocene carbonate platform (Austria, Badenian, 14 Ma). European Palaeontological Association, Workshop 2003, 57, Teruel.
- 51 Kováč, M., Andreyeva-Grigorovich, A., Brozobohatý, R., Fodor, L., Harzhauser, M., Oszcypko, N., Pavelic, D., Rögl, F., Saftic, B., Sliva, L., Stránik, Z. 2003. Paleogeography of the Central Paratethys during the Early phase of the High resolution Interval HRI 3 - Karpatian. - Abstractvolume, EEDEN - Environments and Ecosystem Dynamics of the Eurasian Neogene, Birth of the New World, Stará Lesná, November, 12-16th 2003, 53-57, (Univerzita Komenského) Bratislava.
- 50 Kowalke, T., Harzhauser, M., Reichenbacher, B. 2003. Evolution der Rissooidea (Caenogastropoda) in Mediterran und Paratethys. *Biodiversität - exogene und endogene Hintergründe*, Mainz,
- 49 Latal, C., Piller, W.E., Harzhauser, M. 2003. Sauerstoff- und Kohlenstoff Isotopenuntersuchungen an mittelmiozänen Mollusken aus der Paratethys. *Terra Nostra*, Schriften der Alfred-Wegener-Stiftung 5/2003, 101-102, Mainz.
- 48 Latal, C., Piller, W.E., Harzhauser, M. 2003. Oxygen and carbon isotope signatures of Miocene molluscs in the Central Paratethys. *Acta Mineralogica-Petrographica*, Abstract Series 4 (Shallow Tethys 6 International Symposium Budapest), 26, Szeged.

- 47 Latal, C., Piller, W.E., Harzhauser, M., Mandic, O. 2003. Mittelmiozäne Paläoenvironment Rekonstruktionen mit stabilen Isotopensignaturen von Mollusken (Gastropoden/Bivalven) in Grund (Molassezone, Österreich). Terra Nostra, Sediment 2003 - 18<sup>th</sup> Meeting of Sedimentologists and 1<sup>st</sup> Regional Meeting of SEPM Central European Section, Wilhelmshaven, 47, Berlin.
- 46 Latal, C., Piller, W.E., Harzhauser, M. 2003. Stable isotope data of selected gastropod genera as proxies for seawater chemistry of the Central Paratethys. EGS - AGU - EUG Joint Assembly, CD-Rom, Nice.
- 45 Mandic, O., Harzhauser, M., Roetzel, R. 2003. Coastal marine dynamics and paleoenvironment of an incised valley in the Alpino-Carpathian Foredeep Miocene. Abstracts book, 22nd IAS Meeting of Sedimentology - Opatija 2003, 116, (Institute of Geology) Zagreb.
- 44 Piller, W.E., Harzhauser M. 2003. The Sarmatian (Middle Miocene, Paratethys) brackish water turned into fully marine. Annual Meeting of the Geological Society of America, CD-Rom, Seattle.
- 43 Piller, W.E., Harzhauser M. 2003. Algal carbonates from the Sarmatian (Middle Miocene) of the Central Paratethys. 8<sup>th</sup> Intern. Symposium on Fossil Algae, Abstracts Vol., 58, Granada.
- 42 Zuschin, M., Harzhauser, M., Mandic, O. 2003. The transported molluscan biodiversity of tempestitic shell beds in the Middle Miocene of Austria. Abstracts book, 22nd IAS Meeting of Sedimentology, Opatija 2003, 227, (Institute of Geology) Zagreb.
- 
- 41 Harzhauser, M., Piller, W.E. 2002. The Sarmatian Brackish Water Environments - Fact or Fiction? PANGEO Austria 1, 66-67, Salzburg.
- 40 Harzhauser, M., Piller, W.E. 2002. Upper Middle Miocene Sequence Stratigraphy in the Central Paratethys. 16. Internationale Senckenberg Konferenz, EEDEN "The Middle Miocene Crisis", 53, Frankfurt/Main.
- 39 Kroh, A., Harzhauser, M., Piller, W.E. 2002. Mass accumulations of regular sea urchins in the Late Badenian (Middle Miocene) of the Leitha Platform (Eastern Austria). PANGEO Austria 1, 101-102, Salzburg.
- 38 Kroh, A., Piller, W.E., Harzhauser, M., Rögl, F. 2002. Die Hartl-Formation - ein neuer Name für die "Terebratelsande von Eisenstadt" (Mittel-Miozän, Unteres Badenium, Eisenstadt - Sopron Becken). in: PILLER, W.E., HUSEN, D. van (Hrsg.. Austrostrat 2002. Vortragskurzfassungen und Exkursionsunterlagen, 13, Graz.
- 37 Latal, C., Piller, W.E., Harzhauser, M. 2002. Stabile Isotopen in Gastropodengehäusen als Zugang zur Paläo-Umwelt. PANGEO Austria 1, Programm, Kurzfassungen, 107, Salzburg.
- 36 Latal, C., Piller, W.E., Harzhauser, M. 2002. Stabile Isotopensignaturen von miozänen Gastropodenschalen. 9. Jahrestagung ÖPG, Berichte des Institutes für Geologie und Paläontologie der Karl Franzens Universität Graz 5, 13-14, Graz.
- 35 Latal, C., Piller, W.E., Harzhauser, M., Mandic, O. 2002. Stable Isotope Analyses on Miocene Molluscs from the East Alpine Region: A Proxy for Paleoenvironmental Reconstruction. Berichte des Institutes für Geologie und Paläontologie der Karl Franzens Universität Graz 5, 18 -19, Graz.
- 34 Mandic, O., Harzhauser, M., Zuschin, M. 2002. Mollusc-based reconstruction of Lapatian Ecosystems (Early Miocene, Korneuburg Basin, Austria). PANGEO Austria 1, 116-117, Salzburg.
- 33 Piller, W.E., Harzhauser M. 2002. Reinterpretation of Sarmatian Environments and Climatic Constraints in the Central Paratethys. 16. Internationale Senckenberg Konferenz, EEDEN "The Middle Miocene Crisis". 91, Frankfurt/Main.
- 32 Piller, W.E., Harzhauser M., Mandic, O., Steininger,, F. F. 2002. Die paläobiogeographische Entwicklung der zentralen Paratethys. Schriftenreihe Deutschen Geol. Ges., 21, 266, Hannover.
- 31 Piller, W.E., Latal, C., Harzhauser, M. 2002. Reconstructing intertidal environments by stable isotopes of gastropod shells (Sarmatian-Middle Miocene, Paratethys). GSA, Denver.
- 30 Harzhauser, M., Mandic, O., Piller, W. E. 2000. Palaeobiogeography of molluscs in the East Mediterranean and W Indo-Pacific during the Oligo/Miocene. Mitt. Ges. Geol. Bergbaustud. Österr., 43, Sediment 2000, 58., Wien.
- 29 Piller, W. E. , Steininger, F. F., Harzhauser, M., Mandic, O., Nebelsick, J. H., Rögl, F., Schuster, F., Wielandt, U. 2000. The Termination of the Tethys and its Palaeobiogeographical Consequences. 31st International Geological Congress, Abstract, Poster. Rio de Janeiro.
- 28 Schmid, H. P., Decker, K., Harzhauser, M., Wagreich, M., Mandic, O. 2000. Stratigraphische Modellierung von miozänen syntektonischen Sedimenten an einer listrischen Abschiebung im Eisenstädter Becken (Burgenland, Österreich). Poster, Sediment 2000 (Leoben).
- 27 Schuster, F., Harzhauser, M., Kroh, A., Mandic, O., Nebelsick, J.H., Piller, W.E., Rögl, F., Steininger, F.F., Wielandt-Schuster, U. 2000. The Closure of the Tethyan seaway/Gateway: new stratigraphical results. RCMNS-Kongress (September 2000), Marokko.

- 26 Wagreich, M., Harzhauser, M., Decker, K., Schmid, H. P., Mandic, O. 2000. Growth-strata along a Miocene normal fault in the Eisenstadt-Vienna Basin system. Constraints for stratigraphic modelling. Poster, Geology 2000 (Tu Wien).
- 25 Wielandt-Schuster, U., Harzhauser, M., Kroh, A., Mandic, O., Nebelsick, J.H., Piller, W.E., Rögl, F., Schuster, F., Steininger, F.F. 2000. Paläobiogeographische Relevanz von Grossforaminiferenfauen des Mittleren Ostens. Tagung der Deutschen Paläontologischen Gesellschaft, Abstracts, Coburg.
- 24 Harzhauser, M., Lukeneder, A., Mandic, O., Roetzel, R. 1999. Riede Holzern - nordöstlich Obermarkersdorf. Arbeitstagung der Geologischen Bundesanstalt 1999. Retz - Hollabrunn, Exkursionen, 263, Wien.
- 23 Roetzel, R., Pervesler, P., Harzhauser, M., Mandic, M., al. 1999. Grund – Kellergasse. Arbeitstagung der Geologischen Bundesanstalt 1999. Retz - Hollabrunn, Exkursionen, 298, Wien.
- 22 Roetzel, R., Pervesler, P., Mandic, O., Harzhauser, M. 1999. Limberg - Steinbruch Hengl. Arbeitstagung der Geologischen Bundesanstalt 1999. Retz - Hollabrunn, Exkursionen, 298, Wien.
- 21 Hofmann T., Piller, W., Harzhauser, M., Mandic, O. 1999. Vienna Basin and Calcareous Alps: An Overview in the Region South of Vienna. Exkursionsführer der Geologischen Bundesanstalt, Wien.
- 20 Harzhauser, M., Mandic, O., Zuschin, M., Pervesler, P., Roetzel, R. 1999. Allochthonous shell concentrations in a Thyasirid Facies in the Middle Miocene (Badenium) of Austria. American Malacological Society, 65th annual meeting, 4-9 July 1999, Pittsburgh, Program and Abstracts, 31-32.
- 19 Mandic, O., Harzhauser, M. 1999. Pectiniden (Bivalvia) als Faziesindikatoren im Eggenburgium der Retz-Formation. Arbeitstagung der Geologischen Bundesanstalt 1999. Retz - Hollabrunn, Posterzusammenfassungen, 231, Wien.
- 18 Mandic, O., Harzhauser, M., Pervesler, P., Roetzel, R. 1999. Lithofazies und Paläoökologie in einem transgressiven, fluvio-marinen System (Eggenburgium der autochthonen Molasse - Niederösterreich). Arbeitstagung der Geologischen Bundesanstalt 1999. Retz - Hollabrunn, Posterzusammenfassungen, 233, Wien.
- 17 Pervesler, P., Roetzel, R., Mandic, O., Harzhauser, M. 1999. Lebensspuren-Vergesellschaftungen der Grund-Formation (Unteres Badenium). Arbeitstagung der Geologischen Bundesanstalt 1999. Retz - Hollabrunn, Posterzusammenfassungen, 237, Wien.
- 16 Lukeneder, A., Harzhauser, M., Mandic, O., Roetzel, R. 1999. Schalenakkumulationen des Nautiloiden *Aturia* (*Aturia*) *aturi* (Basterot, 1825) in der Retz Formation (Untermiozän, Ober-Eggenburgium). Arbeitstagung der Geologischen Bundesanstalt 1999. Retz - Hollabrunn, Posterzusammenfassungen, 229, Wien.
- 15 Harzhauser, M., Mandic, O., Zuschin, M., Pervesler, P., Roetzel, R. 1998. Allochthone Mollusken-Schille in einer Thyasiridae-Fazies. 5. Jahrestagung der ÖPG, 1998, Abstracts, 14.
- 14 Mandic, O., Harzhauser, M., Pervesler, P., Roetzel, R. 1998. Lithofazies und Paläoökologie in einem transgressiven, fluvio-marinen System (Eggenburgium der autochthonen Molasse - Niederösterreich). 5. Jahrestagung der ÖPG, 1998, Abstracts, 18.
- 13 Pervesler, P., Roetzel, R., Mandic, O., Harzhauser, M. 1998. Distribution of trace fossil assemblages in the Grund formation (Lower Badenian). 5. Jahrestagung der ÖPG, 1998, Abstracts, 23.
- 12 Hamedani, A., Wielandt, U., Schuster, F., Schlaf, J., Harzhauser, M., Mandic, O. 1998. Oligocene-Miocene shallow marine biofacies of Central Iran. Tertiary to Recent Larger Foraminifera, Conference-Workshop, London, Abstracts, 14.
- 11 Harzhauser, M., Mandic, O. 1997. Biostratigraphie und Paläoökologie der jungmiozänen Mollusken des Eisenstädter Beckens. Kiesgrube St. Margarethen - Gemeindewald (N-Burgenland). Schweizerische Paläontologische Gesellschaft, Exkursion nach Eggenburg, Nieder-Österreich, 26.6.-1.7.1997, Exkursionsunterlagen, Haltepunkt 3/30, 57-64.
- 10 Harzhauser, M., Mandic, O. 1997. Stop 5: Gravel pit St. Margarethen – Gemeindewald (N- Burgenland). – [in:] Piller, W. E., Summesberger, H., Draxler, I., Harzhauser, M., Mandic, O.: Postconference Excursion. Meso- to Cenozoic tropical/subtropical climates – Selected examples from the Northern Calcareous Alps and the Vienna Basin. 2nd European paleontological Congress, Climates, 1997, Vienna, Excursion Guides, 99-111.
- 9 Piller, W.E., Summesberger, H., Draxler, I., Harzhauser, M., Mandic, O. 1997. Postconference Excursion. Meso- to Cenozoic tropical/subtropical climates – Selected examples from the Northern Calcareous Alps and the Vienna Basin. 2nd European paleontological Congress, Climates, 1997, Vienna, Excursion Guides, 70-111.
- 8 Hamedani, A., Torabi, H., Piller, W. E., Mandic, O., Steininger, F. F., Wieland, U., Harzhauser, M., Nebelsick, J. H., Schuster, F. 1997. Oligocene/Miocene sections from Zagros foreland basins of central Iran. 18th IAS Regional Meeting of Sedimentology, Heidelberg, September 2-4, 1997. – *Gaea heidelbergensis*, 3, 155-156, Heidelberg.
- 7 Hamedani, A., Piller, W. E., Mandic, O., Steininger, F.F., Wieland, U., Harzhauser, M., Nebelsick, J.H., Schuster, F. 1997. Litho- und Biofazies im Oligozän/Untermiozän des Zentraliran. *Sediment '97*, 12. Sedimentologentreffen, 21-24.5.1997, Köln, Kurzfassungen der Vorträge und Poster. - *Terra Nostra*, 97/2, 75, Köln.
- 6 Mandic, O., Harzhauser, M. 1997. Biostratigraphy and Paleoecology of younger Miocene Molluscs from the Eisenstadt Basin. 2nd European Palaeontological Congress, Climates, 1997, Vienna, Abstracts, 50.

- 5 Schlaf, J., Mandic, O., Piller, W. E., Harzhauser, M., Bassant, P. 1997. Paleocology in the Lower Miocene of the Mut Basin (S-Turkey). 2nd European Palaeontological Congress, Climates, 1997, Vienna, Abstracts, 73.
- 4 Schlaf, J., Mandic, O., Harzhauser, M., Piller, W.E. 1997. Sedimentological and paleoecological investigations of siliciclastic-influenced reefal-buildups and intervening basins – Mut Basin, south central Turkey (Early Miocene) R.C.M.N.S. Colloquium, Neogene Basins of the Mediterranean region: controls and correlation in space and time, Catania, 4.-9.11.1997, Program and Abstracts, 91-92.
- 3 Mandic, O., Harzhauser, M., Schlaf, J., Piller, W.E., Schlaf, J., Wieland, U., Hamedani, A., Steininger, F.F., Nebelsick, J.H. 1997. Sedimentologie und Biostratigraphie der Oligozänen/untermiozänen Qom-Formation aus dem Zentraliran. 2. Österreichische Sedimentologen-Treffen, Seewalchen am Attersee, 08.11.1997, Programm und Kurzfassungen, 15.
- 2 Harzhauser, M., Mandic, O., Schlaf, J., Piller, W.E. 1997. Sedimentologische und palökologische Untersuchungen von siliziklastisch beeinflussten Riff - Becken Konfigurationen - Mut Becken, südliche Zentraltürkei (Untermiozän). 2. Österreichische Sedimentologen-Treffen, Seewalchen am Attersee, 08.11.1997, Programm und Kurzfassungen, 8.
- 1 Piller, W. E., Schlaf, J., Mandic, O., Steininger, F.F., Wieland, U., Harzhauser, M., Nebelsick, J.H., Schuster, F. 1996. Paläogeographie und Paläobiogeographie im Ostmediterrän und westlichen Indopazifik im Zeitraum Oberoligozän/Untermiozän. 1. Österreichischer Sedimentologen-Workshop, Seewalchen am Attersee, 9.11.1996, Programm und Kurzfassungen, 10.