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Scientific articles

(submitted)

Reuter, M., Piller, W.E., Harzhauser, M., Mandic, O., Berning, B., Rögl, F., Kroh, A., Aubry, M.-P., Wielandt-Schuster, U. & Hamedani, A., (submitted): *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 Sciences.

Harzhauser, M., Piller, W.E. & Latal, C., (submitted): *Isotopic evolution of an epicontinental sea.* — Terra Nova.

(in print)

Piller, W.E., Harzhauser, M. & Mandic, O., (in print): *Miocene Central Paratethys stratigraphy – current status and future directions.* — Stratigraphy

Harzhauser, M., Mandic, O., Piller, W. E., Reuter, M., Kroh, A., (in print): *Tracing back the origin of the Indo-Pacific mollusc fauna – basal tridacnids from the Oligocene and Miocene of the Sultanate of Oman.* — Palaeontology.

2007

Banks, K.W., Riegl, B.W., Shinn, E.A., Piller, W.E. & Dodge, R.E., 2007: *Geomorphology of the Southeast Florida continental reef tract (Miami-Dade, Broward, and Palm Beach Counties, USA).* — Coral Reefs, doi: 10.1007/s00338-007-0231-0.

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, 7 Figs., Graz.

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, 43 Figs., Graz.

Danielopol, D.L., Gross, M. & Piller, W.E., 2007: *Taxonomic Diversity of Middle Miocene Ostracod Assemblages – A Useful Tool for Palaeoenvironmental Characterization of the Hainburg Area (Vienna Basin).* — Joannea - Geologie und Paläontologie, 9: 25-30, 2 Figs., 1 Tab., Graz.

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; doi: 10.1016/j.palaeo.2007.03.031.

Harzhauser, M., Piller, W.E. & Mandic, O., 2007: *Vienna Basin & North Alpine Foreland Basin Excursion.* — EGU Meeting 2007, 62 p., 46 Figs., Vienna.

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 (3/4): 335 - 350, 6 Figs., 1 Tab., Amsterdam.

Soliman, A. & Piller, W.E., 2007: *Dinoflagellate Cysts at the Karpatian/Badenian Boundary of Wagna (Styrian Basin, Austria).* — Jahrbuch der Geologischen Bundesanstalt, 147: 405-417, 5 text-figs., 2 plates, Wien.

2006

Berggren, W.A., Van Couvering, J.A., Piller, W., Zalesiewicz, J.A. & McGowran, B., 2006: *Penrose Conference Report – Chronostratigraphy: Beyond the GSSP.* — GSA Today, 16/11: 22-24, Boulder.

Iryu, Y., Matsuda, H., Machiyama, H., Piller, W. E., Quinn, T.M. & Mutti, M., 2006: *An introductory perspective on responses of coral reefs to Quaternary paleoclimatic and paleoceanographic changes in the Ryukyu Islands.* — The Island Arch., 15: 393-406, 3 Fig., Oxford.

Gross, M., Piller, W.E. & Soliman, A., 2006: *Neogene of the Styrian Basin.* — Field trip guide book

“Chronostratigraphy: Beyond the Global Standard Stratotype and Point”, Seggau: 26 pp., Graz.

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, 7 Figs., 1 Tab., Amsterdam.

2005

Penz, T., Biernat, H.K., Piller, W. & Lammer, H., 2005: *Constraints for the Evolution of Habitable Planets: Implications for the Search of Life in the Universe.* — In: Rucker, H. O. & Leitinger, R. (eds.): Festschrift on the occasion of the 75th birthday of em. o. Univ.-Prof. Dr. Siegfried J. Bauer, 263-274, 4 Figs., Graz (Österreichische Akademie der Wissenschaften, Karl-Franzens-Universität Graz).

Yancey, T.E., Stanley, G.D. jr., Piller, W.E. & Woods, M., 2005: *Biogeography of the Late triassic wallowaconchid megalodontid bivalves.* — Lethaia., 38: 1-16, 11 Figs., Oslo.

Piller, W.E. & Harzhauser, M., 2005: *1. Stop: Großhöflein, Fenk Quarry - Austria.* — Excursion - A - 2005, 12th Congress R.C.M.N.S. - 6.-11. September 2005, Vienna, 22-29, Vienna.

Harzhauser, M. & Piller, W.E., 2005: *Paratethyan paleogeography depositional regimes and major sea-level fluctuations.* — Excursion - A - 2005, 12th Congress R.C.M.N.S. - 6.-11. September 2005, Vienna, 6-11, Vienna.

Gross, M., Erhart, C. & Piller, W.E., 2005: *Neogen des Steirischen Beckens.* — Exkursionsführer 75. Jahrestagung der Paläontologischen Gesellschaft, 25 S., Graz.

Harzhauser, M. & Piller, W.E., 2005: *Neogen des Wiener Beckens.* — Exkursionsführer 75. Jahrestagung der Paläontologischen Gesellschaft, 42 S., Graz.

Harzhauser, M., Piller, W.E., Kroh, A. & Wessely, G., 2005: *Vienna Basin Excursion 2005.* — 69 p., 51 figs., Vienna.

Piller, W.E. & Harzhauser, M., 2005: *The Myth of the Brackish Sarmatian Sea.* — Terra Nova, DOI: 10.1111/j.1365-3121.2005.00632.x.

Latal, C., Piller, W.E. & Harzhauser, M., 2005: *Small-scaled environmental changes: indications from stable isotopes of gastropods (Early Miocene, Korneuburg Basin, Austria)* — International Journal of Earth Sciences, DOI: 10.1007/s00531-005-0510-3.

Penz, T., Biernat, H.K., Piller, W. & Lammer, H., 2005: *On the evolution of habitable planets.* — 132 pp., Institut für Weltraumforschung, Österreichische Akademie der Wissenschaften, Graz.

2004

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. & Wagneich, M., 2004: *Die Stratigraphische Tabelle von Österreich 2004 (sedimentäre Schichtfolgen).* — Österreichische stratigraphische Kommission und Kommission für die paläontologische und stratigraphische Erforschung Österreichs.

Harzhauser, M. & Piller, W.E., 2004: *Integrated stratigraphy of the Sarmatian (Upper Middle Miocene) in the western Central Paratethys.* — Stratigraphy, 1, 1: 65-86, 12 Figs., New York.

Mandic, O., Harzhauser, M., Schlaf, J., Piller, W. E., Schuster, F., Wielandt-Schuster, U., Nebel, 2004: *Palaeoenvironmental Reconstruction of an Epicontinental Flooding - Burdigalian (Early Miocene) of the Mut Basin (Southern Turkey).* — Courier Forschungs-Institut Senckenberg, 248: 57-92, 14 Figs., 5 Tabs., Frankfurt a. Main.

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 palaeoecology of Oligocene and Early Miocene sedimentary sequences of the Mesohellenic Basin (NW Greece).* — Courier Forschungs-Institut Senckenberg, 248: 1-55, 10 Figs., 4 Pls., 1 Tab., Frankfurt a. Main.

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 Sciences, 95/96, 6-19, 7 Figs., Vienna.

Latal, C., Piller, W. E. & Harzhauser, M., 2004: *Paleoenvironmental reconstructions by stable isotopes of Middle Miocene gastropods of the Central Paratethys.* — Palaeogeography, Palaeoclimatology, Palaeoecology, 211, 157-169, 5 Figs., Amsterdam.

Rasser, M.W. & Piller, W.E., 2004: *Crustose algal frameworks from the Eocene Alpine Foreland (Austria).* — Palaeogeography, Palaeoclimatology, Palaeoecology, 206, 21-39, 7 Figs., 1 Tab., Amsterdam.

Harzhauser, M. & Piller, W. E., 2004: *The Early Sarmatian - hidden seesaw changes.* — Courier Forschungsinstitut Senckenberg, 246, 89-111, 11 Figs., 3 Pls., 1 Tab., Frankfurt a. Main.

2003

Latal, C. & Piller, W.E., 2003: *Stable Isotope Signatures at the Karpatian/Badenian Boundary in the Styrian Basin*. — In: Brzobohaty, R., Cicha, I., Kovac, M. & Rögl, F. (eds.): *The Karpatian - a Lower Miocene Stage of the Central Paratethys*, 37-48, Brno (Masaryk University Brno).

Wessely, G., Harzhauser, M., Daxner-Höck, G. & Piller, W.E., 2003: *Sarmatium und Pannonium der Mistelbacher Hochscholle*. — Exkursionsführer zur Tagung der Österreichischen Paläontologischen Gesellschaft, 1-19, Wien.

Riegl, B. & Piller, W. E., 2003: *Possible refugia for reefs in times of environmental stress*. — *International Journal of Earth Sciences*, 92, 520-531, 9 Fig., Berlin - Heidelberg.

Piller, W. E. & Riegl, B., 2003: *Vertical versus horizontal growth strategies of coral frameworks (Tulamben, Bali, Indonesia)*. — *International Journal of Earth Sciences*, 92, 511-519, 6 Fig., Berlin - Heidelberg.

Kroh, A., Harzhauser, M., Piller, W. E. & Rögl, F., 2003: *The Lower Badenian (Middle Miocene) Hartl Formation (Eisenstadt - Sopron Basin, Austria)*. — *Österr. Akad. Wiss. Schriftenr. Erdwiss. Komm.*, 16, 87-109, 5 Figs., 3 Pl., 2 App., Wien.

Piller, W. E., van Husen, D. & Schnabel, W., 2003: *Zur lithostratigraphischen Handhabung quartärer Sedimente und deren Darstellung auf geologischen Karten*. — In: Piller, W. E. (Ed.): *Stratigraphia Austriaca*. - *Österr. Akad. Wiss., Schriftenr. Erdwiss. Komm.* 16, 7-10, Wien.

Harzhauser, M. & Piller, W. E., 2003: *Section Mannersdorf-Baxa - Excursion 29. 05. 2003 (Lower Sarmatian, Austria)*. — *First Austrian Reef Workshop*, Vienna.

2002

Riegl, B. & Piller, W. E., 2002: *Upwelling areas as possible refugia for reefs in times of rising SST? Further evidence from the Caribbean and Indian Oceans*. — *Proceedings 9th International Coral Reef Symposium Bali*, 1, 315-320.

Riegl, B. & Piller, W.E., 2002: *Reefs and coral carpets in the Miocene paratethys (Badenian, Leitha Limestone, Austria)*. — *Proceedings 9th International Coral Reef Symposium*, Bali, 1, 211-216.

Piller, W. E. & Krystyn, L., 2002: *Das Salzkammergut - Fenster zur tropischen Lebenswelt der Trias*. — In: Jeschke, H. P.: *Das Salzkammergut und die Weltkulturerbelandschaft Hallstatt-Dachstein/Salzkammergut*. - *Beiträge zur Landeskunde von Oberösterreich*, 13: 159-166, 5 Figs., Linz.

Hubmann, B., Piller, W. E. & Riegl, B., 2002: *Functional morphology of coral shape and passive hydrodynamic self-righting in recent *Manicina areolata**. — *Senckenbergiana lethaea*, 82 (1), 161-166, 3 Fig., 1 Pl., Frankfurt am Main.

Harzhauser, M., Piller, W.E. & Steininger, F. F., 2002: *Circum-Mediterranean Oligo-Miocene Biogeographic Evolution - the Gastropods' Point of View*. — *Palaeogeography, Palaeoclimatology, Palaeoecology* 183 (1-2), 103-133, 4 Figs., Amsterdam.

Kowalewski, M., Gurs, K., Nebelsick, J.H., Oschmann, W., Piller, W.E. & Hoffmeister, A.P., 2002: *Multivariate hierarchical analyses of Miocene mollusk assemblages of Europe: Paleogeographic, paleoecological, and biostratigraphic implications*. — *Geological Society of America, Bulletin*, 114 (2): 239-256, 9 Figs., Boulder.

2001

Kaiser, D., Rasser, M. W., Nebelsick, J. H. & Piller, W. E., 2001: *Late Oligocene Algal Limestones on a Mixed Carbonate-Siliciclastic Ramp at the Southern Margin of the Bohemian Massif (Upper Austria)*. — In: Piller, W. E. & Rasser, M. W. (eds.): *Paleogene of the Eastern Alps*. - *Österr. Akad. Wiss. Schriftenr. Erdwiss. Komm.*, 14, 197 - 223, 9 Figs., 2 Pls., Wien.

Rasser, M. W. & Piller, W.E., 2001: *Facies Patterns, Subsidence and Sea Level Changes and Glauconitic Environments of the Paleogene Helvetic Shelf in Austria and Bavaria*. — In: Piller, W. E. & Rasser, M. W. (eds.): *Paleogene of the Eastern Alps*. - *Österr. Akad. Wiss. Schriftenr. Erdwiss. Komm.*, 14, 77 - 110, 4 Fig., 2 Pl., Wien.

Kurz, W., Fritz, H., Piller, W.E., Neubauer, F. & Genser, J., 2001: *Overview of the Paleogene of the Eastern Alps*. — In: Piller, W.E. & Rasser, M.W. (eds.): *Paleogene of the Eastern Alps*. - *Österr. Akad. Wiss. Schriftenr. Erdwiss. Komm.*, 14, 11 - 56, 6 Figs., Wien.

Rasser, M. W. & Piller, W.E., 2001: *Paleogene of the Eastern Alps - an introduction*. — In: Piller, W. E. & Rasser, M. W. (eds.): *Paleogene of the Eastern Alps*. - *Österr. Akad. Wiss. Schriftenr. Erdwiss. Komm.*, 14, 5 - 10, Wien.

Riegl, B. & Piller, W. E., 2001: *"Cryptic" tissues inside *Acropora* frameworks (Indonesia): a mechanism to enhance tissue survival in hard times while also increasing framework density*. — *Coral Reefs*, 20, 67 - 68, 1 Fig., Berlin - Heidelberg.

Holzmann, M., Hohenegger, J., Hallock, P., Piller, W. E. & Pawlowski, J., 2001: *Molecular phylogeny of large miliolid foraminifera (*Soritacea Ehrenberg 1839*)*. — *Marine Micropaleontology*, 43, 57-74, 4 Fig., 3 Pl., Amsterdam.

Hubmann, B., Piller, W. E. & Riegl, B., 2001: **Manicina areolata* (Faviidae, Scleractinia), eine Koralle mit paläökologisch relevanten Strategien*. — *Geologica Saxonica*, 46/47, 181-187, 5 Fig., 1 Pl., Dresden.

Mandic, O. & Piller, W. E., 2001: *Pectinid coquinas and their palaeoenvironmental implications - examples from the early Miocene of northeastern Egypt*. — *Palaeogeography, Palaeoclimatology, Palaeoecology*, 172 (3-4), 171-191, 6 Fig., 2 Pl., Amsterdam.

2000

Riegl, B. & Piller, W. E., 2000: *Biostratal Coral Facies - A Miocene example from the Leitha Limestone (Austria) and its Actualistic Interpretation*. — *Palaios*, 15, 399-413, 9 Figs. Lawrence, Kansas.

Riegl, B. & Piller, W. E., 2000: *Reefs and coral carpets in the northern Red Sea as models for organism - environment feedback in coral communities and its reflection in growth fabrics*. — in: *Insalaco, E., Skelton, P.W. & Palmer, T.J. (eds.): Carbonate Platform Systems: components and in* — Geological Society of London, Spec. Publ., 178, 71-88, 8 Figs., London.

Heinrich, M., Hermann, P., Hofmann, T., Koller, F., Kollmann, W. F. H., Lenhardt, W.A., Pahr, A., Piller, W. E., Schermann, O., Schönlaub, H. P., Belocky, R., Seiberl, W., Walach, G. & Zorn, I., 2000: *Burgenland* — 130 S., 96 Abb., 10 Tab., 4 Taf., 1 Karte, Wien (Geologische Bundesanstalt).

Fürsich, F. T., Bottjer, D., Flynn, J., Jellinek, T., Piller, W. & Mosbrugger, V., 2000: *Paleobiology and Taphonomy*. — In: Lane, R. H., Steininger, F. F., Kaesler, R. L., Ziegler, W. & Lipps, J. (eds.): *Fossils and the future. Paleontology in the 21st century*. - Senckenberg-Buch, 74, 173-177, Frankfurt/ Main (Kramer).

Rosen, R., Diver, P., Hay, W. W., Lane, H. R., Mosbrugger, V., Piler, V. [sic], Scott, R. W., Sepkoski, J. J. & Walter, M., 2000: *Consultancies*. — In: Lane, R. H., Steininger, F. F., Kaesler, R. L., Ziegler, W. & Lipps, J. (eds.): *Fossils and the future. Paleontology in the 21st century*. - Senckenberg-Buch, 74, 65-68, Frankfurt/Main (Kramer).

Rasser, M. W. & Piller, W. E., 2000: *Designation of Phymatolithon (Corallinacea, Rhodophyta) in fossil material and its paleoclimatological indications*. — *Micropaleontology*, 46/1, 89-95, 1 Pl., 1 Tab., New York.

Piller, W. E., Daxner-Höck, G., Domning, 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: *Palaeontological Highlights of Austria*. — *Mitt. Österr. Geol. Ges.*, 92, 195-233, 28 Fig., 1 Tab., Wien.

Riegl, B. & Piller, W.E., 2000: *Mapping of benthic habitats in northern Safaga Bay (Red Sea, Egypt): a tool for proactive management*. — *Aquatic Conservation: Marine and Freshwater Ecosystems*, 10, 127 - 140, 4 Figs., 2 Tab., 1 Pl., Chichester.

1999

Mansour, A. & Piller, W.E., 1999: *Sedimentology and geochemistry of cores from mud basin of the Northern Bay of Safaga, Red Sea, Egypt: Clues for predicting natural hazards*. — *Egyptian Journal of Geology*, 43/2, 81-97, 7 Fig., 2 Tab., Giza.

Rasser, M. W. & Piller, W.E., 1999: *Kroisbachgraben und Frauengrube: Lithostratigraphische Typuslokalitäten für das paläogene Helvetikum in Salzburg*. — *Abhandlungen Geol. Bundesanstalt*, 56/2, 713-722, 3 Abb., 1 Taf., Wien.

Rasser, M. W. & Piller, W.E., 1999: *Lithostratigraphische Neugliederung im Paläogen des Österreichisch-bayerischen Südhelvetikums*. — *Abhandlungen Geol. Bundesanstalt*, 56/2, 699-712, 3 Abb., Wien.

Abdelghany, O. & Piller, W.E., 1999: *Biostratigraphy of Lower Miocene sections in the Eastern Desert (Cairo - Suez district, Egypt)*. — *Revue de Paléobiologie*, 18 (2), 607-617, 4 Fig., 2 Tab., 1 Pl., Genève.

Rasser, M. W. & Piller, W. E., 1999: *Lithostratigraphische Typuslokalitäten im paläogenen Helvetikum des Salzburger Alpenvorlandes*. — *Austrostrat '99*, 1. Österreichischer Stratigraphen - Workshop, , Kurzfassungen, Exkursionsführer, 33-43, 4 Abb., Obertrum /See.

Riegl, B. & Piller, W.E., 1999: *Coral frameworks revisited - reefs and coral carpets in the northern Red Sea*. — *Coral Reefs*, 18, 241-253, 6 Fig., 1 Tab., Berlin-Heidelberg.

Rasser, M. & Piller, W.E., 1999: *Application of neontological taxonomic concepts to Late Eocene Coralline Algae (Rhodophyta) of the Austrian Molasse Zone*. — *Journal of Micropalaeontology*, 18 (1), 67 - 80, London.

Schlaf, J., Zuschin, M. & Piller, W.E., 1999: *Origin and palaeoenvironment of thick coquina accumulations on a Lower Norian (Upper Triassic) carbonate slope (Julian Alps, Slovenia)*. — *Zbl. Geol. Paläont., Teil I* (7-9), 1153-1166, 7 Figs., Stuttgart.

1998

Rögl, F., Anti-Weiser, W., Brandstätter, F., Dermitzakis, M.D., Papesch, W., Piller, W.E., Schultz, O., Symeonidis, N.K., Triantaphyllou, M.V. & Tsapralis, V., 1998: *Late Pleistocene Marine Cycles in southern Corfu*. — *Annales Geologiques des Pays Helleniques*, 37, 663-767, 15 Pl., 9 Figs., Athens.

Haunold, T.G., Baal, C. & Piller, W.E., 1998: *Larger Foraminifera*. — (in:) Piller, W.E. & Haunold, T.G. (eds.). *The Northern Bay of Safaga (Red Sea, Egypt): an actuopalaeontological approach. V. Foraminifera*. - *Abhandlungen der Senckenbergischen Naturforschenden Gesellschaft*, 548, 155 - 180, 14 Fig., 5 Pl., Frankfurt/Main.

Haunold, T.G. & Piller, W.E., 1998: *Smaller Foraminifera*. — (in:) Piller, W.E. & Haunold, T.G. (eds.). The Northern Bay of Safaga (Red Sea, Egypt): An actuopalaentological approach. V. Foraminifera. - Abhandlungen der Senckenbergischen Naturforschenden Gesellschaft, 548, 11 — 153, 146 Fig., 12 Pl., Frankfurt/Main

Piller, W.E., 1998: *General setting of the Northern Bay of Safaga and prerequisites for foraminiferal studies*. — (in:) Piller, W.E. & Haunold, T.G. (eds.). The Northern Bay of Safaga (Red Sea, Egypt): An actuopalaentological approach. V. Foraminifera. — Abhandlungen der Senckenbergischen Naturforschenden Gesellschaft, 548, 1 - 9, 4 Fig., Frankfurt/Main.

Holzmann, M., Piller, W.E., Zaninetti, L., Fenner, R., Martini, R., Serandrei-Barbero, R. & Pawlowski, J., 1998: *Molecular versus morphologic variability in Ammonia spp. (Foraminifera, Protozoa) from the lagoon of Venice, Italy*. — Revue de Micropaléontologie, 41 (1), 55 - 69, 1 Fig., 2 P., Paris.

1997

Zuschin, M. & Piller, W.E., 1997: *Molluscan Hard-Substrate Associations in the Northern Red Sea*. — PSZNI.: Marine Ecology, 18 (4), 361 - 378, 3 Fig., Berlin.

Zuschin, M. & Piller, W.E., 1997: *Bivalve Distribution on Coral Carpets in the Northern Bay of Safaga (Red Sea, Egypt) and its Relation to Environmental Parameters*. — Facies, 37, 183-194, 2 Pl., 5 Figs., Erlangen.

Rasser, M. & Piller, W.E., 1997: *Depth distribution of calcareous encrusting associations in the Northern Red Sea (Safaga, Egypt) and their geological implications*. — Proceedings of the 8th International Coral Reef Symposium, 1, 743-748, 9 Fig., Panama.

Riegl, B. & Piller, W.E., 1997: *Intra-colony variability of calice characteristics in Recent Porites lutea Edwards & Haime, 1916: implications for fossil identification*. — Bol. Real Soc. Espan. Hist. Nat. (Sec. Geol.), 91 (1-4), 305-316, 5 Fig., 1 Pl., 4 Tab., Barcelona.

Zuschin, M. & Piller, W.E., 1997: *Gastropod shells recycled - an example from a rocky tidal flat in the northern Red Sea*. — Lethaia, 30, 127 - 134, 6 Fig., 4 Tab., Oslo.

Piller, W.E., Summesberger, H., Draxler, I., Harzhauser, M. & Mandic, O., 1997: *Meso- Cenozoic tropical/subtropical climates - Selected examples from the Northern Calcareous Alps and the Vienna Basin*. — (in:) Kollmann, H.A. & Hubmann, B. (eds.): Second European Palaeontological Congress, Climates: Past, Present and Future, Excursion Guides, 70 - 111, 21 Fig., Wien

Piller, W.E., 1997: *Weissenegg Formation*. — (in:) Hubmann, B. & Stingl, K.: Fossile Florenfundpunkte der Mittelsteiermark. - Paläobotanische Forschung 100 Jahre nach Freiherr Constantin v. Ettingshausen, Symposium Graz, Exkursionsführer, 23-29, 3 Abb., Graz.

Riegl, B. & Piller, W.E., 1997: *Distribution and Environmental Control of Coral Assemblages in Northern Safaga Bay (Red Sea, Egypt)*. — Facies, 36, 141-162, Pl. 38-45, 3 Fig., 1 Tab., Erlangen.

Haunold, T.G., Baal, C. & Piller, W.E., 1997: *Benthic foraminiferal associations in the Northern Bay of Safaga (Red Sea, Egypt)*. — Marine Micropaleontology, 29, 185-210, 16 Fig., 3 Tab., Amsterdam.

1996

Aguirre, J., Braga, J.C. & Piller, W.E., 1996: *Reassessment of Palaeothamnium CONTI, 1946 (Corallinales, Rhodophyta)*. — Review of Palaeobotany and Palynology, 94, 1-9, 1 Fig., 2 Pl., Amsterdam.

Holzmann, M., Piller, W.E. & Pawlowski, J., 1996: *Sequence Variations in Large-Subunit Ribosomal RNA Gene of Ammonia (Foraminifera, Protozoa) and their evolutionary Implications*. — Journal of Molecular Evolution, 43 (2), 145-151, 2 Fig., New York.

Piller, W.E. & Rasser, M., 1996: *Rhodolith formation induced by reef erosion in the Red Sea., Egypt*. — Coral Reefs, 15, 191-198, 6 Fig., Berlin - Heidelberg.

Riegl, B., Piller, W.E. & Rasser, M., 1996: *Rolling stones: first report of a free living Acropora anthocercis (Brook) from the Red Sea*. — Coral Reefs, 15, 149-150, 3 Fig., Berlin - Heidelberg.

Piller, W.E., Decker, K. & Haas, M., 1996: *Sedimentologie und Beckendynamik des Wiener Beckens*. — Berichte der Geologischen Bundesanstalt, 33, (Exkursionsführer, 11. Sedimentologentreffen, Exkursion A1), 1-41, 24 Abb., Wien.

1995

Mansour, A.M., Piller, W.E. & Lengauer, C.L., 1995: *Quantitative mineralogical analyses of carbonate rich sediments by X-ray powder diffraction*. — Powder Diffraction, 10, 2, 112 - 116, 2 Fig., 4 Tab., Woodbury (New York).

1994

Bosellini, F., Ben Moussa, A., Cahuzac, B., Chaix, C., Gonera, M., Johnson, K., Masse, J.-P., Moissette, P., Müller, P., Nebelsick, J., Piller, W., Raffi, S., Rage, A., Simone, L. & Studencka, B., 1994: *Biodiversity in carbonate platforms*. — (in:) Saint-Martin, J.-P. & Cornee, J.-J. (eds.): Recifs et plate-formes carbonatées miocènes de

Mediterranee. - Géologie Méditerranéenne, 21, 1-2, 165-167, Aix - en - Provence.

Rasser, M. & Piller, W.E., 1994: *Re-documentation of Paleocene coralline algae of Austria, described by LEMOINE (1930)*. — Beiträge Paläontologie, 19, 219-225, 1 Fig., 2 Pl., Wien.

Piller, W.E., 1994: *Nullipora ramosissima REUSS, 1847 - a re-discovery*. — Beiträge Paläontologie, 19, 181-189, 2 Fig., 2 Pl., Wien.

Haunold, T.G., Baal, C. & Piller, W.E., 1994: *Foraminiferal distribution in the Northern Bay of Safaga (Red Sea, Egypt)*. — PaleoBios, 16, Suppl. 2, 34, Berkeley.

Zuschin, M. & Piller, W.E., 1994: *Sedimentology and facies zonation along a transect through the Gulf of Trieste, Northern Adriatic Sea*. — Beiträge Paläontologie, 18, 75-114, 19 Fig., 1 Appendix, Wien.

Piller, W.E., 1994: *The Northern Bay of Safaga (Red Sea, Egypt): an actiopalaontological approach. IV. Thin section analysis*. — Beitr. Paläont., 18, 1 - 73, 19 Fig., 18 Pl., 1 Appendix, Wien.

Piller, W.E. & Mansour, A.M., 1994: *Origin and Transport Mechanisms of Non-Carbonate Sediments in a Carbonate-Dominated Environment (Northern Safaga Bay, Red Sea, Egypt)*. — Abh. Geol. Bundesanstalt, 50, 369-379, 6 Text-Fig., 1 Pl., Wien.

1993

Piller, W.E., 1993: *Facies development and coralline algae in the Vienna and Eisenstadt Basins (Miocene)*. — [in:] Höfling, R., Moussavian, E. & Piller, W.E. (eds.): Facial development of algae-bearing carbonate sequences in the Eastern Alps. Field Trip Guidebook. - B7, 1-24, 6 Fig., 4 Pl., München.

Piller, W.E., 1993: *The Neogene in Austria*. — [in:] Höfling, R., Moussavian, E. & Piller, W.E. (eds.): Facial development of algae-bearing carbonate sequences in the Eastern Alps. Field Trip Guidebook. - A5, 1-10, 3 Fig., München.

Langer, M.R., Lipps, J.H. & Piller, W.E., 1993: *Molecular paleobiology of protists: amplification and direct sequencing of foraminiferal DNA*. — Micropaleontology, 39, 1, 63-68, 5 text-figs., New York.

Hohenegger, J., Piller, W.E. & Baal, C., 1993: *Horizontal and vertical microdistribution of foraminifers in the shallow subtidal of the Gulf of Trieste, Northern Adriatic Sea*. — Journal of Foraminiferal Research, 23, 2, 79 - 101, 7 Fig. 1 Pl., Lawrence (Kansas).

1992

Piller, W., Kleemann, E. [sic] & Steininger, F., 1992: *STOP No. 1/3*. — [in:] Sauer, R., Seifert, P. & Wessely, G.: Guidebook to Excursions in the Vienna Basin and the Adjacent Alpine-Carpathian Thrustbelt in Austria. - Mitt. Österr. Geol. Ges., 85, 112-118, Fig. 61-67, Wien.

1991

Danielopol, D.L., Piller, W.E. & Huber, T., 1991: *Pseudolimnocythere hainburgensis nov. sp. (Ostracoda, Loxoconchidae) aus dem Miozän (Badenium) des Wiener Beckens*. — N. Jb. Geol. Paläont. Mh., 1991, H. 8, 458-469, 5 Abb., Stuttgart.

Piller, W.E. & Vavra, N., 1991: *Das Tertiär im Wiener und Eisenstädter Becken*. — [in:] Roetzel, R. & Nagel, D. (ed.): Exkursionen im Tertiär Österreichs, Molassezone-Waschbergzone-Korneuburger Becken - Wiener Becken - Eisenstädter Becken. - 161-216, Abb. 41-49, Wien (Österr. Paläont. Ges.).

Nebelsick, J.H., Steininger, F.F., Vavra, N. & Piller, W.E., 1991: *F/6: Zogelsdorf, Johannes-Steinbruch*. — [in:] Steininger, F.F. & Roetzel, R.: Die tertiären Molassesedimente am Ostrand der Böhmisches Masse. - [in:] Roetzel, R. & Nagel, D. (ed.): Exkursionen im Tertiär Österreichs, Molassezone-Waschbergzone-Korneuburger Becken - Wiener Becken - Eisenstädter Becken. - 97-99, Abb. 26, Wien (Österr. Paläont. Ges.).

Nebelsick, J.H., Piller, W.E., Roetzel, R. & Steininger, F.F., 1991: *F/9: Groß Reipersdorf, Steinbruch Hatei*. — [in:] Steininger, F.F. & Roetzel, R.: Die tertiären Molassesedimente am Ostrand der Böhmisches Masse. - [in:] Roetzel, R. & Nagel, D. (ed.): Exkursionen im Tertiär Österreichs, Molassezone-Waschbergzone-Korneuburger Becken - Wiener Becken - Eisenstädter Becken. - 111-114, Abb. 31-32, Wien (Österr. Paläont. Ges.).

Steininger, F.F., Roetzel, R., Pervesler, P. & Piller, W.E., 1991: *F/1: Oberholz, Sandgrube Hammerschmid*. — [in:] Steininger, F.F. & Roetzel, R.: Die tertiären Molassesedimente am Ostrand der Böhmisches Masse. - [in:] Roetzel, R. & Nagel, D. (ed.): Exkursionen im Tertiär Österreichs, Molassezone-Waschbergzone-Korneuburger Becken - Wiener Becken - Eisenstädter Becken. - 76-80, Abb. 19-20, Wien (Österr. Paläont. Ges.).

Roetzel, R., Steininger, F.F. & Piller, W.E., 1991: *E/10: Steyregg, Sandgrube Treul*. — [in:] Roetzel, R. & Rupp, C.: Die westliche Molassezone in Salzburg und Oberösterreich. - [in:] Roetzel, R. & Nagel, D. (ed.): Exkursionen im Tertiär Österreichs, Molassezone-Waschbergzone-Korneuburger Becken - Wiener Becken - Eisenstädter Becken. - 47-49, Abb. 13, Österr. Paläont. Ges.).

Steininger, F.F., Roetzel, R., Pervesler, P. & Piller, W.E., 1991: *2.6. Haltepunkt 11. Oberholz. - Sandgrube*

Hammerschmid. — [in:] Roetzel, R.: Geologie am Ostrand der Böhmisches Masse in Niederösterreich. - Arbeitstagung der Geologischen Bundesanstalt 1991. - 184-186, Abb. 9, Wien

Nebelsick, J., Steininger, F.F., Vavra, N. & Piller, W.E., 1991: *1.5. Haltepunkt 5. Zogelsdorf - Johannesbruch*. — [in:] Roetzel, R.: Geologie am Ostrand der Böhmisches Masse in Niederösterreich. - Arbeitstagung der Geologischen Bundesanstalt 1991. - 173-74, Abb. 6, Wien.

Piller, W.E. & Kleemann, K., 1991: *Middle Miocene Reefs and related facies in Eastern Austria. I) Vienna Basin*. — VI. International Symposium on Fossil Cnidaria including Archaeocyatha and Porifera, Excursion-Guidebook, Excursion B4, 1-28, 12 Fig., Münster.

Piller, W.E., 1991: *In den Tiefen des Meeres*. — [in:] Steininger, F.F. & Piller, W.E. (eds.): Eggenburg am Meer. Eintauchen in die Erdgeschichte. - Katalogreihe des Krahuletz-Museums, 12, 115-119, Eggenburg.

1990

Schlagintweit, F. & Piller, W.E., 1990: *Involutina hungarica (SIDO) from allochthonous Urgonian limestones of the Northern Calcareous Alps and remarks on the genus Hensonina MOULLADE & PEYBERNES, 1974*. — Beitr. Paläont. Österr., 16, 145-153, 2 Fig., 2 Pl., Wien.

Piller, W.E. & Mansour, A. M., 1990: *The Northern Bay of Safaga (Red Sea, Egypt): an actuopalaeontological approach. II. Sediment analyses and sedimentary facies*. — Beitr. Paläont. Österr., 16, 1-102, 55 Fig., Wien.

Piller, W.E., 1990: *Die Nördliche Bucht von Safaga (Rotes Meer, ägypten): ein aktuopaläontologisches Beispiel: Morphologie, Bodentypen und Sedimentologie*. — Nachr. Dt. Geol. Ges., 43, 77- 78, Hannover.

Krystyn, L., Lein, R., Mello, J., Riedl, P. & Piller, W., 1990: *"Tisovec-Limestone" - an example of the problems of lithostratigraphic correlation between the Northern Calcareous Alps and the Central West Carpathians*. — [in:] Minarikova, D. & Lobitzer, H. (eds.): Thirty years of geological cooperation between Austria and Czechoslovakia. 125-136, 7+10 Fig., Prag (Ustredni ustav geologicky).

Piller, W.E., , 1990: *Wall Structures of palaeotextulariid foraminifers and discussion of microgranular test walls*. — [in:] Hemleben, C., Kaminski, M.A., Kuhnt, W. & Scott, D.B. (eds.): Paleocology, Biostratigraphy, Paleooceanography and Taxonomy of Agglutinated Foraminifera. - 25-35, 2 pl., Dordrecht - Boston - London (Kluwer Academic Publ.).