

Zlatko's publications 2008–2017

1. Bogner, J., Johnson, K. R., Kvaček, Z., Upchurch, G. R. Jr. (2007): New fossil leaves of Araceae from the Late Cretaceous and Paleogene of western North America. *Zitteliana A* 47: 133–147.
2. Kovar-Eder, J., Kvaček, Z. (2007): The integrated plant record to reconstruct Neogene vegetation: the IPR vegetation analysis. *Acta Palaeobotanica* 77: 391–418.

2008

3. Kovar-Eder, J., Jechorek, H., Kvaček, Z., Parashiv, V. (2008): The integrated plant record to reconstruct Neogene zonal vegetation in Europe. *Palaios* 23: 97–111.
4. Kürschner, W. M., Kvaček, Z., Dilcher, D. L. (2008): The impact of Miocene atmospheric carbon dioxide fluctuations on climate and the evolution of terrestrial ecosystems. *Proceedings of the National Academy of Science* 105: 449–453.
5. Kvaček, Z., Teodoridis V., Gregor H.-J. (2008): The Pliocene leaf flora of Auenheim, Northern Alsace (France). *Documenta naturae* 155(10): 1–108.
6. Walther, H., Kvaček, Z. (2008): Die Gattung *Ilex* Linné (Aquifoliaceae) im Paläogen Mitteleuropa. *Feddes Repertorium* 119: 169–187.
7. Kvaček, Z., Bogner, J. (2008): Twenty-million years-old fruits and seeds of *Pistia* (Araceae) from Central Europe. *Aroideana* 31: 90–97.
8. Hably, L., Kvaček, Z. (2008): Nomenclatural types and taxonomy of Unger's (1850) and Ettingshausen's (1853) fossil leaves recognized as new *Sloanea* records in the European Paleogene. *Neues Jahrbuch für Geologie und Paläontologie, Abhandlungen* 249: 139–142.
9. Kvaček, Z. (2008): Whole-plant reconstructions in fossil angiosperm research. *International Journal of Plant Sciences* 169: 918–927.
10. Kvaček, Z. (2008): The role of types in palaeobotanical nomenclature. *Acta Musei Nationalis Pragae, Series B, Historia Naturalis* 64: 89–96.
11. Kvaček, Z. (2008): Tertiary vegetation of Europe and its dynamics and climatic signal – new approaches in botany of the past. *The Palaeobotanist* 57: 459–463.

2009

12. Kunzmann, L., Kvaček, Z., Mai, D. H., Walther, H. (2009): The genus *Taxodium* (Cupressaceae) in the Palaeogene and Neogene of Central Europe. *Review of Palaeobotany and Palynology* 153: 153–183.
13. Kürschner, W. M., Kvaček, Z. (2009): Oligocene – Miocene CO₂ fluctuations, climatic and palaeofloristic trends inferred from fossil plant assemblages in central Europe. *Bulletin of Geosciences* 84: 189–202.
14. Bogner, J., Kvaček, Z. (2009): A fossil *Vallisneria* plant (Hydrocharitaceae) from the Early Miocene freshwater deposits of the Most Basin (north Bohemia). *Aquatic Botany* 90: 119–123.

15. Kvaček, Z., Teodoridis V., Wang, Q. (2009): *Ilex geissertii* sp. n. (Aquifoliaceae), a fossil ancestor of *Ilex* sect. *Ilex* in the upper Miocene and Pliocene of Europe. *Review of Palaeobotany and Palynology* 157: 192–210.
16. Akhmetiev, M., Walther, H., Kvaček, Z. (2009): Mid-latitude Palaeogene floras of Eurasia bound to volcanic setting and palaeoclimatic events – experience obtained from the Far East Russia (Sikhote-Alin') and Central Europe (Bohemian Massif). *Acta Musei Nationalis Pragae, Series B, Historia Naturalis* 65: 61–121.
17. Teodoridis, V., Kvaček, Z., Uhl, D. (2009): Pliocene palaeoenvironment and correlation of the Sessenheim-Auenheim floristic complex (Alsace, France). *Palaeodiversity* 2: 1–17.
18. Manchester, S. R., Kvaček, Z. (2009): Fruits of *Sloanea* (Elaeocarpaceae) in the Paleogene of North America and Greenland. *International Journal of Plant Sciences* 170: 941–950.

2010

19. Zijistra, G., Kvaček, Z. (2010): (1924) Proposal to conserve the name *Cupressinocladus* against *Libocedrites* (Fossil Coniferophyta). *Taxon* 59: 301.
20. Kvaček, Z. (2010): Forest flora and vegetation of the European early Palaeogene – a review. *Bulletin of Geosciences* 85: 63–76.
21. Kvaček, Z., Wilde, V. (2010): Foliage and seeds of malvacean plants from the Eocene of Europe. *Bulletin of Geosciences* 85: 163–182.
22. Li, Y.-L., Kvaček, Z., Ferguson, D. K., Wang, Y.-F., Li, C.-S., Yang, J., Ying, T.-S., Ablae, A. G., Liu, H.-M. (2010): The fossil record of *Berberis* (Berberidaceae) from the Palaeocene of NE China and interpretations of the evolution and phytogeography of the genus. *Review of Palaeobotany and Palynology* 160: 10–31.
23. Prokop, J., Wappler, T., Knor, S., Kvaček, Z. (2010): Plant-Arthropod associations from the Lower Miocene of the Most Basin in Northern Bohemia (Czech Republic): a preliminary report. *Acta geologica sinica* 84: 903–914.
24. Kvaček, Z., Bogner, J. (2010): *Aracistrobus*, an enigmatic non-araceous fossil from the Eurasian Oligocene and Miocene. *Zitteliana A* 50: 137–141.
25. Worobiec, G., Worobiec, E., Kvaček, Z. (2010): Neogene leaf morphotaxa of Malvaceae s.l. in Europe. *International Journal of Plant Sciences* 171: 892–914.
26. Manchester, S. R., Kvaček, Z. (2010): Inflorescences and compound leaves of the extinct *Platanus neptuni* complex in the Oligocene of Oregon, USA. *Acta Palaeobotanica* 50: 5–15.
27. Liang, X.-Q., Wilde, V., Ferguson, D. K., Kvaček, Z., Ablae, A. G., Wang Y.-F., Li C.-S. (2010): *Comptonia naumannii* (Myricaceae) from the early Miocene of Weichang, China, and the palaeobiogeographical implication of the genus. *Review of Palaeobotany and Palynology* 163: 52–63.

2011

28. Kvaček, Z., Teodoridis, V., Roiron, P. (2011): A forgotten Miocene mastixioid flora of Arjuzanx (Landes, SW France). *Palaeontographica B* 285: 3–111.

29. Kvaček, Z., Teodoridis, V. (2011): A Late Eocene flora of Kučlín near Bílina in North Bohemia revisited. *Acta Musei Nationalis Pragae, Series B, Historia Naturalis* 67: 83–144.
30. Teodoridis, V., Kovar-Eder, J., Marek, P., Kvaček, Z., Mazouch, P. (2011): The Integrated Plant Record vegetation analysis: internet platform and online application. *Acta Musei Nationalis Pragae, Series B, Historia Naturalis* 67: 159–165.

2012

31. Kvaček, Z., Walther, H. (2012): European Tertiary Fagaceae with chinquapin-like foliage and leaf epidermal characteristics. *Feddes Repertorium* 121: 248–267.
32. Erdei, B., Manchester, S. R., Kvaček, Z. (2012): *Dioonopsis* Horiuchi et Kimura leaves from the Eocene of Western North America: A Cycad shared with the Paleogene of Japan. *International Journal of Plant Sciences* 173: 81–95.
33. Knor, S., Prokop, J., Kvaček, Z., Janovský, Z., Wappler, T. (2012): Plant-arthropod associations from the Early Miocene of the Most Basin in North Bohemia – Palaeoecological and palaeoclimatological implications. *Palaeogeography, Palaeoclimatology, Palaeoecology* 321–322: 102–112.
34. Teodoridis, V., Kvaček, Z., Zhu Hua, Mazouch, P. (2012): Environmental analysis of the mid-latitude European Eocene sites of plant macrofossils and their possible analogues in East Asia. *Palaeogeography, Palaeoclimatology, Palaeoecology* 333–334: 40–58.
35. Guo, S.-X., Kvaček, Z., Manchester, S. R., Zhou, Z.-K. (2012): *Ditaxocladus* (extinct Cupressaceae, Cupressoideae) from the Upper Cretaceous and Paleocene of the Northern Hemisphere. *Palaeontographica B* 288: 135–159.
36. Holý, F., Kvaček, Z., Teodoridis, V. (2012): A review of the early Miocene mastixioid flora of the Kristina Mine at Hrádek nad Nisou in North Bohemia (Czech Republic). *Acta Musei Nationalis Pragae, Series B, Historia Naturalis* 68: 53–118.

2013

37. Liang, X.-Q., Li, Y., Kvaček, Z., Wilde, V., Li, C.-S. (2013): Seeds of *Weigela* (Caprifoliaceae) from the Early Miocene of Weichang, China and the biogeographical history of the genus. *Taxon* 62: 1009–1018.
38. Mantzouka, D., Sakala, J., Kvaček, Z., Karakitsios, V. (2013): Palaeobotanical study of Polichnitos region, southern part of Lesbos Island, Greece (preliminary results on angiosperm wood). *Bulletin of the Geological Society of Greece* 47: 204–215.

2014

39. Kvaček, Z., Teodoridis, V., Mach, K., Přikryl, T., Dvořák, Z. (2014): Tracing Eocene-Oligocene transition: a case study from North Bohemia. *Bulletin of Geosciences* 89: 21–66.
40. Kvaček, Z., Lieven, U., Gregor, H.-J. (2014): *Pinus timleri* – ein wichtiges Element aus der pliozänen Flora des Tagebaues Hambach (RWE Power AG). *Documenta Naturae* 195(1): 23–47.

41. Kvaček Z. (2014): New fossil records of *Ceratozamia* (Zamiaceae, Cycadales) from the European Oligocene and lower Miocene. *Acta Palaeobotanica* 54: 231–247.
42. Kunzmann, L., Kvaček, Z., Teodoridis, V., Moraweck, K. (2014): Tracing terrestrial palaeoclimatic changes - vegetation dynamics of riparian forest in central Europe during late Palaeogene. *Rendiconti Online Societa Geologica Italiana* 31: 133–134.
43. Mach, K., Teodoridis, V., Matys Grygar, T., Kvaček, Z., Suhr, P., Standke, G. (2014): An evaluation of palaeogeography and palaeoecology in the Most Basin (Czech Republic) and Saxony (Germany) from the late Oligocene to the early Miocene. *Neues Jahrbuch für Geologie und Paläontologie, Abhandlungen* 272: 13–45.
44. Kvaček, Z., Teodoridis, V., Kováčová, M., Schögl, J., Sitár, V. (2014): Lower Miocene plant assemblage with coastal-marsh herbaceous monocots from the Vienna Basin (Slovakia). *Geologica Carpathica* 65: 227–239.
45. Winterscheid, H., Kvaček, Z. (2014): Revision der Flora aus den oberoligozänen Seeablagerungen von Orsberg bei Unkel am Rhein (Rheinland-Pfalz, Deutschland). *Palaeontographica B* 291: 1–83.
46. Kvaček, Z., Teodoridis V., Mazouch, P., Roiron, P. (2014): Fossil seed cones of *Pinus* L. (sect. *Pinus*, subsect. *Pinaster* Loudon, *Sula* group) from the late Neogene and early Pleistocene of Europe. *Palaeontographica B* 291: 131–164.
47. Kvaček, Z., Hably, L. (2014). The whole plant reconstruction of *Banisteriaecarpum giganteum* and *Byttneriophyllum tiliifolium* - a preliminary report. *Folia musei rerum naturalium Bohemiae occidentalis geologica et palaeobiologica* 48: 1–10.

2015

48. Mantzouka, D., Kvaček, Z., Teodoridis, V., Utescher, T., Tsaparas, N., Karakitsios, V. (2015): A new late Miocene (Tortonian) flora from Gavdos Island in southernmost Greece evaluated in the context of vegetation and climate in the Eastern Mediterranean. *Neues Jahrbuch für Geologie und Paläontologie Abhandlungen* 275: 47–81.
49. Karakitsios, V., Kvaček, Z., Mantzouka, D. (2015): The first plant megafossil in the Early Jurassic of Greece: *Brachyphyllum* (Coniferales) from the Lower Posidonia Beds (Toarcian) in the Ionian zone (NW Greece) and its palaeogeographic implications. *Neues Jahrbuch für Geologie und Paläontologie Abhandlungen* 278: 79–94.
50. Knor, S., Kvaček, Z., Wappler, T., Prokop, J. (2015): Diversity, taphonomy and palaeoecology of plant-arthropod interactions in the lower Miocene (Burdigalian) in the Most Basin in north-western Bohemia (Czech Republic). *Review of Palaeobotany and Palynology* 219: 52–70.
51. Teodoridis, V., Kvaček, Z. (2015): Palaeoenvironmental evaluation of Cainozoic plant assemblages recovered in the Bohemian Massif (Czech Republic) with reference to adjacent Germany. *Bulletin of Geosciences* 90: 695–720.
52. Kvaček, Z., Teodoridis, V., Zajícová, J. (2015): Revision of the early Oligocene flora of Hrazený hill (formerly Pirskenberg) in Knížecí near Šluknov, North Bohemia. *Acta Musei Nationalis Pragae, Series B, Historia Naturalis* 71: 55–102.
53. Teodoridis, V., Kvaček, Z., Sami, M., Torsten, U., Martinetto, E. (2015): Palaeoenvironmental analysis of the Messinian macrofossil floras of Tossignano and Monte Tondo (Vena del Gesso Basin, Romagna Apennines, Northern Italy). *Acta Musei Nationalis Pragae, Series B, Historia Naturalis* 72: 249–292.

54. Teodoridis, V., Kvaček, Z., Agostini, S., Martinetto, E., Rossi, M. A., Cavallo, O. (2015): Feather palm foliage from the Messinian of Italy (Capo di Fiume, Palena and Pollenzo near Alba) within the framework of northern Mediterranean late Miocene flora. *Acta Musei Nationalis Pragae, Series B, Historia Naturalis* 72: 301–314.
55. Kvaček, Z. (2015): Rectification of invalidly published new names for plants from the late Eocene in North Bohemia. *Acta Palaeobotanica* 55: 209–212.

2016

56. Winterscheid, H., Kvaček, Z. (2016): Late Oligocene macrofloras from fluvial siliciclastic facies of the Köln Formation at the south-eastern border of the Lower Rhine Embayment (North Rhine-Westphalia, Germany). *Acta Palaeobotanica* 56: 41–64.
57. Winterscheid, H., Kvaček, Z. (2016): Revision der Flora aus den oberoligozänen Seeablagerungen der Grube „Stößchen“ bei Linz am Rhein (Rheinland-Pfalz, Deutschland). *Palaeontographica B* 294: 111–151.
58. Teodoridis, V., Kvaček, Z., Sami, M. (2016): Revisione della flora messiniana de Polenta (Bertinoro) raccolta da Pietro Zangheri. *Memorie dell' Instituto Italiano de Speleologia, s.II* 31:27–52.
59. Kunzmann, L., Kvaček, Z., Teodoridis, V., Müller, Ch., Moraweck, K. (2016): Vegetation dynamics of riparian forest in central Europe during the late Eocene. *Palaeontographica B* 295: 69–89.
60. Kvaček, Z., Martinetto, E. (2016): Foliage accumulations of *Osmunda lignitum* (Osmundaceae) in the Oligocene of northern Italy and western Germany. *Fossil Imprint* 72: 131–139.
61. Kvaček, Z., Bubík, M. (2016): A new Oligocene leaf assemblage from the Ghalandar area (NW Iran) and its contribution to understanding of floristic evolution in the eastern Paratethys. *Bulletin of Geosciences* 91: 705–715.

2017

62. Teodoridis, V., Bruch, A. A., Vassio, E., Martinetto, E., Kvaček, Z., Stuchlik, L. (2017): Plio-Pleistocene floras of the Vildštejn Formation in the Cheb Basin, Czech Republic – a review and a new paleoenvironmental evaluation. *Review of Palaeobotany and Palynology* 467:166–190.
63. Teodoridis, V., Kvaček, Z., Sami, M. (2017): Revision of the Messinian flora of Polenta (Romagna Apennines, Northern Italy). *Neues Jahrbuch für Geologie und Paläontologie Abhandlungen* 283: 221–237.
64. Kraft, P., Kvaček, Z. (2017): Where the lycophytes come from? – A piece of the story from the Silurian of peri-Gondwana. *Gondwana Research* 45:180–190.
65. Teodoridis, V., Kvaček, Z., Mach, K., Sakala, J., Dašková, J., Rojík, P. (2017): Fossil *Comptonia* (Myricaceae) from the type area in North Bohemia with comments on foliage and fruits. *Bulletin of Geosciences* 92: 185–210.

Legend:

65 papers in total (between autumn 2007 and September 15, 2017)

27 papers: systematics, individual taxa description

17 papers: monographs, localities description

11 papers: climate, vegetation, interactions

6 papers: reviews, overviews

4 papers: nomenclature, whole-plant concept