Zaghloul, Z. M., & El-Beialy, S. Y. 1987. Late Tertiary and Quaternary palynomorphs from the northern coast of the Nile Delta, Egypt. N. Jb. Geol. Paläont., Monatsh., 5: 314-320.

Zahiri, A. 1981. Phytoplankton of Barremian type section from Angles, south east France. Bull. Iran. Petrol. Inst., 3rd Quarter 1981, 83: 1-34

Zaitzeff, J. B., & Cross, A. T. 1971. The use of dinoflagellates and acritarchs for zonation and correlation of the Navarro Group (Maestrichtian) of Texas. Geological Society of America Special Paper 127: 341-377.

Zajíc, J., Šimùnek, Z & Drabkova, J.1997. The fossil fauna, mega- and microflora of the Krkonose Piedmont Basin. Proceedings of the XIII Intemational Congress on the Carboniferous and Perrnian: 197-204.

Zaklinskaya, E. D. 1957. Stratigraphic value of the Cenozoic gymnospermous pollen of the Pavlodarks stretch of the Irtysh River and the northern Aral Coast. Trudy G. I. N. USSR, 6: 1-184 (In Russian).

Zaklinskaya, E. D. 1962. The importance of angiosperm pollen for Upper Cretaceous and Palaeogene stratigraphy and botanical-geographical provinces at the boundary between the Cretaceous and Palaeogene Systems. In 1st Int. Palyn. Conf. Papers by Soviet Palynologists, Akad. Nauk SSSR, Moscow: 105-113. (In Russian)

Zaklinskaya, E. D. 1963. Angiosperm pollen and its significance for the substantiation of the stratigraphy of the Upper Cretaceous and Paleogene. Akad. Nauk SSSR, Trudy Geol. Inst., 74: 1-256. (In Russian)

Zaklinskaya, E. D. 1966. Pollen morphology of Angiosperms and paleofloristic areas and provinces at the boundary of the Cretaceous and Paleogene. Palaeobotanist, 15: 110-116.

Zaklinskaya, E. D. 1967a. Palynological studies on late Cretaceous- Palaeogene floral history and stratigraphy. Review of Palaeobotany and Palynology, 2: 141-146.

Zaklinskaya, E. D. 1967b. The early Paleogene flora of Northern Hemisphere and paleofloristic provinces of this age. Abh. Zentr. Geol. Inst., 10: 183-187.

Zaklinskaya, E. D. 1970. Late Cretaceous and Early Paleogene floras based on palynological data. In Vakhrameev, V. A., et al., Paleozoic and Mesozoic floras of Eurasia . . . Akad. Nauk SSSR, Trudy Geol. Inst., 208: 302-331.

Zaklinskaya, E. D. 1976. Relationship between difference and similarity of Cenophyte flora major components from the point of view of continents movement theory. Palynology in USSR: 83-87 (In Russian).

Zaklinskaya, E. D. 1977. Angiosperms on the basis of palynological data. In Vakrameev, V. A., ed., Floral Evolution at the Mesozoic-Cenozoic Boundary, Geol. Inst. Akad. Nauk SSSR Moscow: 66-119 (In Russian).

Zaklinskaya, E. D. 1978a. Palynological information from late Pliocene-Pleistocene deposits recovered by deep sea drilling in the region of the Island of Timor. Review of Palaeobotany and Palynology, 26: 227-241.

Zaklinskaya, E. D. 1978b. Die Floren des Oberkreide und des Frhen Paläogen (nach palynologisches Angeben). In Vakhrameev, V. A., et al., eds., Paläozoische und Mesozoische Floren Eurasiens und die Phytogeographie dieser Ziet, Ved. Gustav Fischer, Berlin: 195-229.

Zaklinskaya, E. D. 1979. Synopsis: Keyed and correlated taxa of angiosperms (Upper Cretaceous to Paleogene). Geol. Inst. Akad. Nauk, Moscow: 1-118.

Zaklinskaya, E. D. 1980a. Paleogene flora of the Novosibirsk Islands based on palynological data. Pollen et Spores, 22: 67.

Zaklinskaya, E. D. 1980b. Influence of oceanic and continental water barriers on formation of floristic kingdoms and their areas. Proc. 4th Int. Palyn. Conf. (Lucknow, 1976-77), 2: 500-505.

Zaklinskaya, E. D. 1981. Phylogeny and classification of the Normapolles. Review of Palaeobotany and Palynology, 35: 139-147.

Zaklinskaya, E. D., & Laukhin, S. A. 1979. Correlation of the Paleogene of northern Polushariya based on palynology. Sciences and Techniques, Stratigraphy and Paleontology, Moscow, 10: 1-96.

Zaklinskaya, E. D., Hegedüs, M., & Párdutz, A. 1972. étude de l'ultrastructure du genre de forme *Betpakdalina*. Pollen et Spores, 14: 323-332.

Zaklinskaya, Ye. D., & Naydin, D. P. 1985. The palynological characteristics of upper Maastrichtian deposits of Crimea. Byull. Moskovskogo Obshchestva Ispytateley Prirody, Otdel Geologicheskiy, 60: 80-87.

Zaklinskaya, Ye. D., Perfilieva, A. R. & Ponomarenko, Z. K. 1972. New pollen species of the form genus *Betpakdalina* from the Upper Senonian of central Pakistan. Paleont. Jour., 6: 537-543.

Zamaloa, M. C. 1992a. A new species of *Nothofagidites*, *Nothofagidites americanus*, from Patagonia and Antarctica. Review of Palaeobotany and Palynology, 72: 49-53.

Zamaloa, M. C. 1992b. *Nothofagidites tehuelchesii*, a new species from the Tertiary of Patagonia. Review of Palaeobotany and Palynology, 72: 55-59.

Zamaloa, M. C., & Romero, E. J. 1990. Some spores and pollen from the Cullen Formation (upper Eocene to middle Oligocene), Tierra del Fuego, Argentina. Palynology, 14: 123-133.

Zamaloa, M. C., Romero, E. J., & Stinco, L. 1987. Polen y esporas de la Formación La Meseta (Eoceno superior-Oligoceno) de la Isla Marambio (Se- mour), Antartida. Actas VII Simp. Argent. Paleobot. Palin., 7: 200-203.

Zaporcek, N. J. 1989. Upper Eocene and Lower Oligocene palynocomplexes and phytoplankton from Borehole No. 1, Landzar (Armenia, U.S.S.R.). In Phanerozoic Paleoflora and stratigraphy. Edit. Soviet Acad. Sci., Moscow, 1989; 85-103 (In Russian).

Zaslavskaya, A. M. 1980. Silurian chitinozoa of the Siberian Platform. (In: Silur Sibirskoi Platformy Graptolity i Khitinokhoi. Y.Tesakov, editor) [ Khitinozoi Silura Sibirskoi Platformy. (In-Silur Sibirskoi Platformy Graptolity i Khitinokhoi. Y.Tesakov,editor) Sibirskoe Otdelenie, Trudy Institut Geologii i Geofiziki, Akademiya Nauk SSSR. (Novosibirsk). Silur Sibirskoi Platformy graptolity i khitinokhoi, 435: 52-80.

Zaslavskaya, N. M. 1983. Silurian of Siberian Platform, Chitinozoa. Acad. Sci. USSR, Siberian Branch, Inst. Geol. Geophys. Trans., 518: 1-91. (In Russian).

Zaslavskaya,N. M., Obut, A. M. & Sennikov, N. V. 1978. Chitinozoans in Ordovician and Silurian deposits of the Altai Mountains. (In: The Fauna and Biostratigraphy of Upper Ordovician and Silurian of the Altai-Sajan Region) [ Khitinozoa v Ordovikskikh i Siluriiskikh Otlo Zheniyakh Gornogo Altaya. (In-Fauna i Biostratigrafiya verkhego Ordovika i Silura Altae-Sayanskoi Oblasti) ] Sibirskoe Otdelenie, Trudy Institut Geologii i Geofiziki, Izdatelstvo, Akademiya Nauk SSSR. "Nauka", 405: 43- 56.

Zatonskaya, S.G. 1975: Opisanie novykh vidov peridinei iz otlozhenii verkhnei yury i nizhnego mela Shaimskogo neftenosnogo raiona. Zapadno-Sibirskii Nauchno-Issledovatelskii Geologorazvedochnyi Institut, Trudy, v.101, p.31–35.

Zatula, K. F. 1973a. Assemblages of hystrichospheres from (Tertiary) amber-bearing deposits of the Baltic region. DAN 73(212-4): 981-983.

Zatula, K. F. 1973b. Hystrichospherid complexes from amber-bearing deposits of the Baltic Coast region. Dokl. Akad. Nauk SSSR, Earth Sci., 212: 238-241. (AGI translation)

Zauer, V. V. 1960. On Late Permian floras from Solikamsk. Paleont. Zh., 4: 114-124. (In Russian)

Zavada, M. 1979. Palynology of some Cretaceous flysch deposits of central Macedonia, Yugoslavia. Geol. Balcanica (Sofia), 9: 35-46.

Zavada, M. 2004. The earliest occurrence of angiosperms in South Africa. South African Journal of Botany, 70: 646-653l

Zavattieri, A. M. 1986. Estudio palinologico de la Formación Potrerillos (Triásico) en su localidad tipo, Cuenca Cuyana (Provincia de Mendoza, Argentina); parte I. Revista Española de Micropaleontología,: 247-294.

Zavattieri, A. M. 1987. Estudio palinologico de la Formación Potrerillos (Triásico) en su localidad tipo, Cuenca Cuyana (Provincia de Mendoza, Argentina); parte II. Granos de polen. Aspectos estadísticos. Correlación palinoestratigráfica. Revista Española de Micropaleontología, 19: 173-213.

Zavattieri, A. M. 1990a. Palinología de la Formación Las Cabras (Triásico) en su localidad tipo, Cuenca Cuyana (provincia de Mendoza, Argentina). Parte 1. Esporas triletes. Ameghiniana, 27: 107-129.

Zavattieri, A. M. 1990b. Palinológia de la Formación Las Cabras (Triásico) en su localidad tipo, Cuenca Cuyana (provincia de Mendoza, Argentina). Parte 2. Esporas triletes y monoletes. Ameghiniana, 27: 201-224.

Zavattieri, A. M. 1990c. Stratigraphic and paleoecologic evaluation of the palynofloras of the Triassic Las Cabras Formation at the type locality Cerro Las Cabras, Mendoza, Argentina. N. Jahrb. Geol. Paläont., Abh., 181: 117-142.

Zavattieri, A. M. 1991a. Granos de polen de la Formación Las Cabras (Triásico), en su localidad tipo, provincia de Mendoza, Argentina. Parte 1. Ameghiniana, 28: 13-29.

Zavattieri, A. M. 1991b. Granos de polen de la Formación Las Cabras (Triásico), en su localidad tipo, provincia de Mendoza, Argentina. Parte 2. Ameghiniana, 28: 205-224.

Zavattieri, A. M. 1992a. Rese¤a preliminar sobre la palinología del Triásico del área de Santa Clara, norte de la provincia de Mendoza (Argentina). Asoc. Paleont. Argentina, Publ. Esp. (VIII Simposio Argentino de Paleobotánica y Palinológía, Buenos Aires), 2: 101-104.

Zavattieri, A. M. 1992b. Palinológía de la Formación El Tranquilo (Triásico), provincia de Santa Cruz, Argentina. Ameghiniana, 29: 305-314.

Zavattieri, A. M., & Batten, D. J. 1996. Miospores from Argentinian Triassic deposits and their potential for intercontinental correlation. In Jansonius, J., & McGregor, D. C., eds., Palynology: Principles and Applications, Amer. Assoc. Strat. Palynologists Found., 2: 767-778.

Zavattieri, A. M. & Volkheimer, W. 1992. Granos de polen sacados (Saccites) de la Formación Potrerillos (Triásico) en la localidad de Divisadero Largo, Provincia de Mendoza, Argentina. Ameghiniana, 29: 27-44.

Zavattieri, A. M. & Volkheimer, W. 2003. Palynostratigraphy and paleoenvironments of Early Jurassic strata (Nestares Formation) in northern Patagonia, Argentina. Part 1. Terrestrial species. Ameghiniana, 40: 545-558.

Zavattieri, A. M., Volkheimer, W. & Rosenfeld, U. 1994. Palynology and facies of the Late Triassic of Comallo (northern Patagonia, Argentina). Zentralblatt für Geologie und Paläontologie, I (1993) 1/2: 133-154.

Zavialova, N. E. & Roghi, G. 2005. Exine morphology and ultrastructure of Duplicisporites from the Triassic of Italy. Grana, 44: 337-342.

Zerndt, J. 1930a. Megasporen aus einem Flöz in Libiaz (Stephanien). Bull. Acad. Pol. Sci. Letters, sér. B: 39-70.

Zerndt, J. 1930b. *Triletes giganteus*, n. sp., eine riesige Megaspore aus dem Karbon. Bull. Acad. Pol. Sci. Letters, sér. B: 72-79.

Zerndt, J. 1931. Megasporen als Leitfossilien des produktiven Karbons. Acad. Polon. Sci. Bull. Internat., ser. A, Année 1931: 165-183.

Zerndt, J. 1932. Megasporen aus dem Swickauer und Lugau-Olsnitzer Karbon. Jb. Berg-und Hütt. in Sachsen: 10-16.

Zerndt, J. 1933. Versuch einer stratigraphischen Bestimmung von Steinkohlen-Gerölle der Korpaten auf Frund von megasporen. Bull. Acad. Pol. Sci. Lett., sér. B: 1-7.

Zerndt, J. 1934. Les mégaspores du bassin houiller polonais. I. Trav. Geol., 1: 1-56.

Zerndt, J. 1937a. Les mégaspores du bassin houiller polonais. II. Trav. Geol., 3: 1-78.

Zerndt, J. 1937b. Megasporen aus dem Westfal und Stefan in Böhmen. Acad. Polon. Sci. Bull. Internat., ser. A, Année 1937: 583-599.

Zerndt, J. 1938. On the suitability of megaspores as index fossils. 2nd Cong Avanç. étud. Strat. Carb., Heerlen, 1935, C. r., 3: 1711-1732.

Zerndt, J. 1940. Megasporen des Saarkarbon. Palaeontographica B, 84: 133-150.

Zetter, R., Hesse, M. & Huber, K. H. 2002. Combined LM, SEM and TEM studies of Late Cretaceous pollen and spores from Gmünd, Lower Austria. Stapfia, 80: 201-230.

Zhang C. 1962. Early Cretaceous spore and pollen complexes from Kiangsu. Acta Geologica Sinica, 10: 246-286.

Zhang C. 1965. Spore composition of Mooling Formation, Ghi-Hsi, Heilungchiang and its stratigraphic meaning. Mem. Inst. Geol. Palaeont., Acad. Sinica, 4: 163-196.

Zhang G. 1987. Sporo-pollen assemblages from Coal Seam No. 1 in Wangjiazhai coal mine, Guizhou province. J. Chin. Inst. Min. Tech., 1: 73-88.

Zhang K., Tong J., Shi G. R., Lai X., Yu J., He W., Peng Y. & Jin Y. 2007. Early Triassic conodont-palynological biostratigraphy of the Meishan D Section in Changxing, Zhejiang Province, South China. Palaeogeography, Palaeoclimatology, Palaeoecology, 252: 4-23.

Zhang L. 1978. Mesozoic spores and pollen grains from the volcanic clastic sedimentary rocks in Chekiano with their stratigraphic importance. Acta Palaeontologica Sinica, 17: 180-192.

Zhang L. 1980. Late Triassic spores and pollen, Qinling Range. Nanjing Inst. Geol. Palaeont., Paper for 5th Int. Palynol. Conf.:

Zhang L. 1983. On the characters of Permian microflora in the Junggar Basin of Xinjiang. Palaentologia Cathayana, 1: 327-365.

Zhang L. 1984. Late Triassic spores and pollen from central Sichuan. Palaeont. Sinica, 167(1983): 1-100.

Zhang L. 1990. Permian spores and pollen from the Karamay region of Xinjiang, China. Palaeontologia Cathayana, 5: 181-204.

Zhang M., Ji L., Du R., Dai S. & Hou X. 2015. Palynology of the Early Cretaceous Hanxia Section in the Jiuquan Basin,Northwest China: The discovery of diverse early angiosperm pollen and paleoclimatic significance. Review of Palaeobotany and Palynology, 440: 297-306.

Zhang Q. 1987. Palynomorph assemblages from the Chengzihe Formation, Jixi Basin, eastern Heilungkiang. Prof. Pap. Stratigr. Palaeont., 19: 81-106. (In Chinese with English summary).

Zhang Q., Smith, T., Yang J. & Li C. 2016. Evidence of a cooler continental climate during the warm Early Cenozoic. PloS One, 11: (on-line edition).

Zhang W. & Grant-Mackie, J. A. 2001. Late Triassic–Early Jurassic palynofloral assemblages from Murihiku strata of New Zealand, and comparisons with China. Journal of the Royal Society of New Zealand, 31: 575–683.

Zhang Y. 1981. Tertiary spores and pollen grains from the Leizhou Peninsula. Acta Paleontologica Sinica, 20: 449-458.

Zhang Y. 1990. Discovery of some forerunner species of *Momipites* from Lower Tertiary of China. Acta Palaeontologica Sinica, 29: 300-308 (In Chinese with English summary).

Zhang Y., Wang K., & Jiang H. 1982. Spore-pollen assemblage from the Fengshan Formation in Sihong, Jiangsu, and its geological age. Journal of Stratigraphy (Peking), 6: 107-111.

Zhang Y., & Zhan J. 1986. Evolution of angiosperm pollen of the early Late Cretaceous in the Western Tarim Basin, south Xinjiang. Acta Palaeobot. Palyn. Sinica, 1: 47-63. (In Chinese with English summary)

Zhang Z. 1980. Lower Tertiary fungal spores from Lunpola Basin of Xizang, China. Acta Palaeont. Sinica, 19: 296-301. (In Chinese with English summary)

Zhang Z. 1982a. Upper Proterozoic microfossils from Summer Isles, NW Scotland. Palaeontology, 25: 443-460.

Zhang Z. 1982b. Spore-pollen assemblage of the Donghe Group in the Huixian-Chengxian Bsin and their stratigraphic significance. Bull. Xi'an Inst. Geol. Min. Res., 5: 112.

Zhang Z. 1984. Lower Cretaceous sporo-pollen assemblage of the Lingxiang Group in SE Hubei. Acta Botanica Sinica, 26: 653-663.

Zhang Z. 1988. Sporo-pollen assemblages from the Huanhe-Huachi Formation of the Zhidan Group in southern Ordos Basin and its age. Bull. Xi'an Inst. Geol. Min. Res., 22: 75-88.

Zhang Z., Diver, W., & Grant, P. 1981. Microfossils from the Aultbrea Formation, Torridon Group, on Tanera Beg, Summer Isles. Scottish Journal of Geology, 17: 149-154.

Zhao B., & Jiang Q. 1982. Subdivision and correlation of the Lower Cretaceous of Hunan. Journal of Stratigraphy, 6: 72-78.

Zhao C. 1985. A new discovery of the Late Cretaceous strata and sporo-pollen assemblages in eastern Heilongjiang Province. Geol. Rev., 31: 204-212 (In Chinese with English Summary).

Zhao Y., & Morzadec-Kerfourn, M.-T. 1992. Kystes de dinoflagellés, pollens et spores des s‚diments quaternaires du bassin abyssal de Mer de Chine du Sud: leur signification paléoenvironnementale. Révue de. Micropaléontogie, 35: 77-88.

Zhao Y., & Morzadec-Kerfourn, M.-T. 1994. Nouveaux kystes de Dinoflagellés: *Spiniferites pacificus* nov. sp. et *Pentadinium netangei* nov. sp. du PléistocÈne du Nord-Ouest Pacifique. Géobios, 27: 261-269.

Zhao Y., Sun K. & Wang D. 1982. Tertiary sporo-pollen assemblages from Shache and Kuche Basin, Xinjiang. Bull. Inst. Geol., Chinese Acad. Geol. Sci. (Beijing), 4: 95-126.

Zhao Y., Sun K., Wang D. & He Z. 1981. The distribution of Normapolles in northwestern China. Review of Palaeobotany and Palynology, 35: 325-336

Zheng F. & Li W. 1986. Cretaceous miospore assemblages of Fujian. Acta Paleontologica Sinica, 25: 201-210.

Zheng F. & Yuan P. 1985. Sporo-pollen assemblages from the Yuhuatai Formation of Nanjing and its geological age. Journal of Stratigraphy, 9: 161-169

Zheng Y. 1984. *Marginipollis* (Lecythidaceae) from the Upper Tertiary Fotan Group in southern Fujian. Acta Palaeontologica Sinica, 23: 764-767. (In Chinese with English summary).

Zheng Y. 1987. Fossil pollen grains of Podocarpaceae from Upper Tertiary in Fujian. Acta Palaeontologica Sinica, 26: 604-615.

Zheng Y. & He C. 1984. Palynology of the Upper Cretaceous Taizhou Formation in Well Qin-30, northern Jiangsu. Bull. Nanjing Inst. Geol. Palaeont., Acad. Sinica, 8: 55-117.

Zheng Y. & Zhang S. 1986. An early Miocene palynological assemblage from Drill Hole T103 in Tianchang, Anhui Province. Acta Micropalaeontologica Sinica, 3: 151-160.

Zheng Y., Zhou S., Liu X. & Wang L., et al. 1981. Neogene sporo-pollen grains from northern Jiangsu and Yellow China Sea Basin. Bull. Nanjing Inst. Geol. Palaeont., Acad. Sinica, 3: 29-90.

Zhezehl, O. N. 1973. The boundary between Eocene and Oligocene deposits at North Ustyurt according to palynological data. Trudy VSEGEI, New Ser. (Leningrad), 195: 180-184. (In Russian with English summary)

Zhong G. 1981. Lower Ordovician microfloras of Dawan Formation, Huanghuachang, near Yichang. Bull. Yichang Inst. Geol. Min. Res., Chinese Acad.

Zhou C., Brasier, M. D. & Xue Y. 2001. Three-dimensional phosphatic preservation of giant acritarchs from the terminal Proterozoic Doushantuo Formation in Guizhou and Hubei Provinces, south China. Palaeontology, 44: 1157-1178.

Zhou He-yi. 1985: Middle Oligocene dinoflagellates and acritarchs from the first member of the Shahejie Formation in the Dongying depression of northern Shandong and their paleogeographical significance. Proceedings of the First National Conference on Fossil Algae, p.1–11; pl.1; Geological Publishing House, Beijing, China. (In Chinese with English summary).

Zhou S. 1985. Importance of *Wodehouseia* found in China. Acta Botanica Sinica, 27: 427-434.

Zhou S. 1992. Structural function and evolution of *Morinoipollenites* and *Jianghanpollis*. Acta Palaeontologica Sinica, 31: 585-594 (In Chinese with English summary).

Zhou S., Han S., & Zhang Y. 1983. Late Cretaceous strata in Xaxia Basin, Henan. J. Stratigr. (Nanking), 7: 64-70. (In Chinese)

Zhou S., & Wang L. 1983. Pollen of *Aquilapolles* from Rutung of northern Jiangsu. Acta Palaeontologica Sinica, 22: 531-541.

Zhou S., & Xu S. 1987. On fossil *Morinoipollenites* and *Jianghanpollis*. Acta Botanica Sinica, 29: 88-94.

Zhou Y. 1994. Earliest pollen-dominated microfloras from the early Late Carboniferous of the Tian Shan Mountains, NW China: their significance for the origin of conifers and palaeophytogeography. Review of Palaeobotany and Palynology, 81: 193-211.

Zhu Huai-cheng 1993a. A revised palynological sub-division of the Namurian of Jingyuan, northwest China. Review of Palaeobotany and Palynology, 77: 273-300.

Zhu Huai-cheng 1993b. Discovery of Permo-Carboniferous miospores in Liulin County of Shanxi, China with discussion on studies of carbonized miospores. Acta Palaeontologica Sinica, 32: 115-122 (In Chinese with English summary).

Zhu Huai-cheng 1995. Namurian miospores from China and their correlation with Europe and North America. Review of Palaeobotany and Palynology, 89: 335-357.

Zhu Huai-cheng 1999. Late Devonian spore assemblages from the Qizilafu Formation of Sache County, southern Xinjiang and their palynofacies analysis. Acta Palaeontologica Sinica, 38: 57-85 (In Chinese with English summary).

Zhu Huai-cheng. 2000. Upper Devonian spsores from the North Tarim Basin, NW China. Acta Palaeontologica Sinica, 39: 159-176.

Zhu Huai-Cheng, Ouyang Shu, Gao Feng & Jian Yao-Fa. 2002. Late Permian palynoflora from Zhangguizhoang, Tianjin. Acta Palaeontologica Sinica, 41: 65-71 (In Chinese with English summary).

Zhu Huai-Cheng, Ouyang Shu, Zhan Jia-Zhen & Wang Zhi. 2005. Comparison of palynological assemblages from the Junggar and Tarim Basins and their phytoprovincial significance. Review of Palaeobotany and Palynology, 136: 181-207.

Zhu Z., Wu L., Xi P., Song Z.,= & Zhang Y. 1985. A research on Tertiary palynology from the Qaidam Basin, Qinghai Province. Nanjing Inst. Geol. Palaeont., Acad. Sinica, Petroleum Industry Press: 1-297.

Zia-ul-Rehman, M. & Masood, K. R. 2008. Late Permian azonate and zonate trilete spores from the Chhidru Formation, Salt Range, Pakistan. Journal of Scientific Research, 38: 65-83.

Ziaja, J. 2006. Lower Jurassic spores and pollen grains from the Odrowasz, Mesozoic margin of the Holy Cross Mountains, Poland. Acta Palaeobotanica, 46: 3-83.

Ziembińska-Tworzydło, M. 1974. Palynological characteristics of the Neogene of western Poland. Acta Palaeontologica Polonica, 19: 309-432.

Ziembińska-Tworzydło, M. 1998. Climatic phases and spore-pollen zones. [In:] H. Ważyńska (Ed.): Palynology and palaeogeography of the Neogene in the Polish Lowlands. Prace Państwowego Instytutu Geologicznego, 160: 12–16.

Ziembińska-Tworzydło, M. & Wazynska, H. 1981. A palynological subdivision of the Neogene in western Poland. Bull. Acad. Pol. Sci., 29: 29-43.

Ziembińska-Tworzydło, M., Grabowska, I., Kohlman-Adamska, A., Skawinska, K., Slodkowska, B., Stuchlik, L., Sadowska, A., & Wazynska, H. 1994. Taxonomical revision of selected pollen and spores taxa from Neogene deposits. Acta Palaeobotanica, Suppl. 1: 5-30.

Zippi, P. A. 1991. SEM and light microscope mounting and specimen location technique for same-specimen study of palynological strew-mounts. Micropaleontology, 37: 407-413.

Zippi, P. A. 1998. Freshwater algae from the Mattagami Formation (Albian), Ontario: Paleoecology, botanical affinities, and systematic taxonomy. Micropaleontology, 44, supplement 1: 1-78.

Zippi, P. A., & Bajc, A. F. 1990. Recognition of a Cretaceous outlier in northwestern Ontario. Canadian Journal of Earth Science, 27: 306-311.

Žítt, J., Nekvasilová, O., Bosák, P., Svobodová, M., Stemproková-Jírová, D. and Šastný, M. 1997: Rocky coast facies of the Cenomanian-Turonian Boundary interval at Velim (Bohemian Cretaceous Basin, Czech Republic). Second part. Věstník Českého Geologického Ústavu, 72: 141–155,

Ziva, M. V. 1973. Palynological characteristic of Paleogene deposits of the Amur-Seya depression. In The Palynology of Cenophytic: 89-93 (In Russian with English summary).

Znosko, J. 1955. Retyk i Lias miedzy Krakowem a Wieluniem. Inst. Geol., Prace, 14: 1-146. (with English and Russian summaries).

Zobaa, M. E., Zavada, M. S., Whitelaw, M. J., Shunk, A. J., & Oboh-Ikuenobe, F. E. 2011. Palynology and palynofacies analyses of the Gray Fossil Site, eastern Tennessee: Their role in understanding the basin-fill history. Palaeogeography, Palaeoclimatology, Palaeoecology, 308: 433-444.

Zoldani, Z. 1960. Megaspore polnocno-wschodniej czeeci Gornoslaskiego Zagtebiu Weglowego. Inst. Geol. (Warszawa), 155(6): 121-152.

Zoldani, Z. 1966. A taxonomic and stratigraphical study of the genus *Valvisisporites* from the Carboniferous of the Lublin district. Inst. Geol., Prace, 46: 81-103. (In Polish with English summary)

Zonneveld, J.-P., MacNaughton, R. B., Utting, J., Beatty, T. W., Pemberton, S. G. & Henderson, C. M. 2010. Sedimentology and ichnology of the Lower Triassic Montney Formation in the Pedigree-Ring/Border-Kahntah River area, northwestern Alberta and northeastern British Columbia. Bulletin of Canadian Petroleum Geology, 58: 115-140.

Zonneveld, K. A. F. 1989. Miocene and Pliocene dinoflagellate cysts of the Beugen and Boxmeer wells, south-eastern part of the Netherlands. Stuifmail, 7: 14-21.

Zonneveld, K. A. F. 1997. New species of organic-walled dinoflagellate cysts from modern sediments of the Arabian Sea (Indian Ocean). Review of Palaeobotany and Palynology, 97: 319–337.

Zonneveld, K. A. F., & Jurkschat, T. 1999. *Bitectatodinium spongium* (Zonneveld, 1997) Zonneveld et Jurkschat, comb. nov., from modern sediments and sediment trap samples of the Arabian Sea (northwestern Indian Ocean): taxonomy and ecological affinity. Review of Palaeobotany and Palynology, 106: 153-169.

Zoricheva, A. I., & Sedova, M. A. 1954. Spore-pollen complexes from the Upper Permian deposits from some localities in North European Russia. Rep. Geol. Res. Inst., Moscow: 1-40.

Zorzi, C., Head, M. J., Matthiessen, J. & de Vernal, A. 2019: *Impagidinium detroitense* and *I.? diaphanum*: two new dinoflagellate cyst species from the Pliocene of the North Pacific Ocean, and their biostratigraphic significance. Review of Palaeobotany and Palynology, 264: 24-37.

Zotto, M., Drugg, W. S., & Habib, D. 1987. Kimmeridgian dinoflagellate stratigraphy in the southwestern North Atlantic. Micropaleontology, 33: 193-213.