Raatz GV 1937. Mikrobotanisch-stratigraphische Untersuchung der Braunkohle des Muskauer Bogens. Abhandlungen, Preuss. Geol. Landes., Hefte 183: 1-48.

Rachele LD 1976. Palynology of the Legler Lignite: A deposit in the Tertiary Cohansey Formation of New Jersey, U.S.A. Review of Palaeobotany and Palynology, 22: 225-252.

Rachman, R. S., Winantris & Muljana, B. 2021. *Proxapertites* from Walat Formation, Sukabumi, West Java, Indonesia. Journal of Geoscience, Engineering, Environment, and Technology, 6: 1-8.

Racki, G., Balinski, A., Wrona, R., Malkowski, K., Drigant, D. & Szaniawski, H. 2012. Faunal dynamics across the Silurian-Devonian positive isotope excursions (δ13C, δ18O) in Podolia, Ukraine: Comparative analysis of the Ireviken and Klonk events. Acta Palaeontologica Polonica 57: 795-832.

Radforth NW & McGregor C. 1954. Some plant microfossils important to pre-Carboniferous stratigraphy and contributing to our knowledge of the early floras. Canadian Journal of Botany 32: 601-621.

Radforth NW & McGregor C. 1956. Antiquity of form in Canadian plant microfossils. Transactions of the Royal Society of Canada, series III, section 5, 50: 27-33.

Radforth NW & Rouse GE. 1954. The classification of recently discovered Cretaceous plant microfossils of potential importance to the stratigraphy of Western Canadian coals. Canadian Journal of Botany 32: 187-201.

Radforth NW & Rouse GE. 1956. Floral transgression of major geological time zones. Transactions of the Royal Society of Canada, Series 3, 50(5): 17-26.

Radforth NW & Wilkinson L. 1959. The significance of plant microfossils found in Canadian Devonian rocks. Trans. Roy. Soc. Canada, 53, Ser. 3, sec. 5: 29-34.

Radmacher W., Tyszka J. & Mangerud G. 2014. Distribution and biostratigraphical significance of *Heterosphaeridium bellii* sp. nov. and other Late Cretaceous dinoflagellate cysts from the southwestern Barents Sea. Review of Palaeobotany and Palynology 214: 29–40.

Radmacher W., Tyszka J., Mangerud G. & Pearce MA. 2014. Dinoflagellate cyst biostratigraphy of the upper Albian to lower Maastrichtian in the southwestern Barents Sea. Marine and Petroleum Geology 57: 109-121.

Raevskaya EG. 1999. Early Arenig acritarchs from the Leetse Formation (St. Petersburg region, northwest Russia) and their palaeogeographic significance. Boll. Soc. Paleont. Italiana 38: 247-256.

Raevskaya E. & Dronov A. 2014. New data on acritarchs from the Upper Ordovician of the Tungus basin, Siberian Platform. Estonian Journal of Earth Sciences 63: 300.304.

Raevskaya EG & Servais T. 2004. *Veryhachium dumontii*: a veryhachid or a diacrodian acritarch? XI Int. Palyn. Cong., Granada, Spain, 14: 132 (abstr.).

Raevskaya EG & Servais T. 2009*. Ninadiacrodium*, a new Late Cambrian acritarch genus and index fossil. Palynology 33: 219-239.

Raevskaya EG, Vecoli M, Bednarczyk W & Tongiorgi M. 2004. Billingen (Lower Arenig/Lower Ordovician) acritarchs from the East European Platform and their palaeobiogeographic significance. Lethaia, 37: 97-111.

Raha RK., Rajendran CP & Kar RK 1987. Record of early Tertiary deposit in Kerala, India and its palaeogeographic significance. Geophytology 17: 209-218.

Rahmani K. 1978. Présence de chitinozoaïres, d'acritarches et de spores dans le Paléozoïque de la région de Rabat, Maroc. Palinología, Núm. ext. 1: 375-385.

Rahmani K. 1983. étude palynologique du Pal‚ozoïque (Ordovicien, Silurien, Dévonien) de la région de Rabat (Oued Bou-Regreg), Maroc. Notes Mém. Serv. Géol. Maroc. 324: 1-132.

Rahmani RA & Hopkins WS Jr. 1977. Geological and palynological interpretation of Eureka Sound Formation on Sabine Peninsula, northern Melville Island, District of Franklin. Geological Survey of Canada Paper 77-1B: 185-189.

Rahmani-Antari K. 1990. étude palynologique et évaluation de l'indice d'altération thermique du Paléozoïque du forage DOT 1 (bassin des Doukkala Centre-Ouest marocain). Review of Palaeobotany and Palynology 66: 211-227.

Raine JI. 1984. Outline of a palynological zonation of Cretaceous to Paleogene terrestrial sediments in West Coast, South Island, New Zealand. Report of the New Zealand Geological Survey 109: 1-82.

Raine JI. 1987. Jurassic plant microfossils and macrofossils from Murihiku Supergroup, Manganui Valley, Aurakino District (North Island, New Zealand). In Beggs, J., ed., Research Notes 1987, Record, New Zealand Geological Survey, 20: 127-138.

Raine, JI. 2008. Zonate lycophyte spores from New Zealand Cretaceous to Paleogene strata. Alcheringa 32: 99-127.

Raine JI, de Jersey, NJ, & Ryan, KG. 1988. Ultrastructure and lycopsid affinity of *Densoisporites psilatus* . . . from the Triassic of New Zealand and Queensland. In Assoc. Australas. Palaeont., Mem. 5: 79-88.

Raine, JI, Speden, IG & Strong CP. 1981. New Zealand. In Reyment, R. A., & Bengtson, P., eds., Aspects of Mid-Cretaceous Regional Geology, Academic Press, London: 221-267.

Raistrick, A. 1934. The correlation of coal-seams by microspore-content. Part I. The seams of Northumberland. Trans. Inst. Min. Eng., London 88: 142-153, 259-264.

Raistrick, A. 1937. The correlation of coal-seams by microspore content. Colliery Engineering 14: 299-302.

Raistrick, A. 1938. The microspore content of some Lower Carboniferous coals. Transactions of the Leeds Geological Association 5: 221-226.

Raistrick, A. 1939. The correlation of coal-seams by microspore-content. Part II. The Trencherbone Seam, Lancashire, and Busty Seams, Durham. Trans. Inst. Min. Eng., London, 97: 425-435; 98: 95-99, 171-175.

Raistrick, A., & Simpson, J. 1933. The microspores of some Northumberland coals, and their use in correlation of coal seams. Trans. Min. Eng., London, 85: 225-235.

Rajendran, C. P., Raha, P. K. & Kar, R. K. 1989. Palynological assemblage from Neogene outcrops of Kerala coast, India. Indian Minerals 43: 39-46.

Rákosi, L. 1968. A Dorigi Barnaköszénmedence Neokom fekürétegeinek palynológiai vizszgálata. M. Áll. Földtani intézen évi jelentése az, evröl: 267-292 (In Hungarian with German summary).

Rákosi, L. 1973. Palynologie des formations paléogènes du Bassin de Dorog. Magyar Allami Földtani Intezet üvkönyve, 55: 500-575, 620-697.

Rákosi, L. 1977. Palynological dating of the bauxite- and redeposited dolomite sequence of Nagyegyháza area. M.A.F.I. ‚vi jelent‚se az 1975 évröl 1975: 283-293 (In Hungarian)

Rákosi, L. 1978. Palynological information on the Eocene mangrove vegetation of Hungary. M.A.F.I. évi jelentése az 1976 évröl: 357-374. (In Hungarian)

Rákosi, L. 1979. Palynological biozones of the Eocene in the Transdanubian Central Range. M.A.F.I. ‚vi jelent‚se az 1977 évröl: 243-256. (In Hungarian).

Rákosi, L. 1980. The problem of the Eocene-Oligocene boundary on evidence of palynological results. özlénytani Viták, 25: 117-125. (In Hungarian)

Rákosi, L. & Barbacka, M. 2000. Upper Cretaceous flora from Ajka (W. Hungary). I. Thallophyta. Studia bot. hung., 30-31: 27-55,

Rakotoarivelo, H. J. 1960. étude palynologique de quelques ‚chantillons de houille du Bassin de la Sakoa (Madagascar) Serv. Géol., Tananarive: 1-49.

Rakotoarivelo, H. J. 1972. Palynostratigraphic review of the coal basin of the Sakoa-Sakamena (Madagascar). 2nd Int. Union Geol. Sci. Gondwana Symp., Proc. & Pap.: 537-540.

Ram-Awatar. 1994. Palynozonation of Middle Pali Member in Sohagpur Coalfield, Madhya Pradesh. Palaeobotanist, 43: 96-101.

Ram-Awatar, Rajanikanth, A. & Gautam, S. 2013. *Reduviasporonites indicus* sp. nov. from the Late Permian strata of Mand Coalfield, Chhattisgarh, India. Palaeobotanist, 62: 157-164.

Ram-Awatar, Tewari, R., Agnihotri, D., Chatterjee, S., Pillai, S. S. K. & Meena, K. L. 2014. Late Permian and Triassic palynomorphs from the Allan Hills, central Transantarctic Mountains, South Victoria Land, Antarctica. Current Science, 106, 988-996.

Ram-Awatar, Tewari, R., Gautam, S., Goswamp, S., Brookfield, M., Agnihotri, D. & Williams, J. 2018. Palynology of the *Cyclobolus walkeri* Bed, Gungri Formation (Late Permian), Spiti Valley, northwest Himalaya, India. Journal of the Palaeontological Society of India, 63: 141-154.

Rama Krishna, H., & Ramanujam, C. G. 1987. Palynoflora from Gangapur Beds, Adilabad District, A. P. Indian Journal of Earth Sciences, 14: 64-72.

Ramanujam, C. G. K. 1957. Microfossils from a carbonaceous shale near Vemavaram (Jurassic) in the east coast of Gondwanas of India. Journal of the Indian Botanical Society, 36: 348-372.

Ramanujam, C. G. K. 1960. Some pteridophytic spores from the Warkalli lignite in South India with special reference to those of the Schizaeaceae. Journal of the Indian Botanical Society, 39: 46-55.

Ramanujam, C. G. K. 1963a. Thyriotheca of Asterinae from the South Arcot Lignite, Madras. Current Science, 32: 327-328.

Ramanujam, C. G. K. 1963b. On two new species of fossil fungi from the South Arcot Lignite. Proc. 50th Ind. Sci. Cong., 3: 396.

Ramanujam, C. G. K. 1966a. Palynology of the Miocene lignite from South Arcot district, Madras. Pollen et Spores, 8: 149-203.

Ramanujam, C. G. K. 1966b. Occurrence of *Botryococcus* in the Miocene lignite of South Arcot District, Madras. Current Science, 35: 367-368.

Ramanujam, C. G. K. 1967a. Pteridophytic spores from the Miocene lignite of South Arcot district, Madras. Palynological Bulletin, 2 & 3: 29-40.

Ramanujam, C. G. K. 1967b. Myrtaceous pollen from the peaty lignite of Alleppey in Kerala State, India. Sci. & Culture, 33: 229-230.

Ramanujam, C. G. K. 1972. Revision of pteridophytic spores from the Warkalli lignite of South India. Proc. Sem. Paleopalyn. & Indian Strat., 1971: 248-254.

Ramanujam, C. G. K. 1982. Tertiary palynology and palynostratigraphy of southern India. In Cenozoic Stratigraphy and Palynology in India, Spec. Pub., Palaeont. Soc. India, 1: 57-64.

Ramanujam, C. G. K. 1987. Palynology of the Neogene Warkalli Beds of Kerala State in South India Journal of the Palaeontological Society of India, 32: 26-46.

Ramanujam, C. G. K., Patil, R. S., & Jagannatha Rao, B. R. 19$$. On the significance of Lower Cretaceous palynofossils from Kancheepuram Borehole, Tamil Nadu. Rec. Geol. Surv. India, 113(5): 75-79.

Ramanujam, C. G. K., & Raheshwar Rao, P. V. 1980. Palynological evidence for the age of some Upper Gondwana deposits in Adilabad District of Andhra Pradesh. Proc. IV Int. Palyn. Conf., Lucknow (1976-77), 2: 386-391.

Ramanujam, C. G. K., & Ramachar, P. 1963. Sporae dispersae of the rust fungi Uredinales from the Miocene lignite of south India. Current Science, 32: 271-272.

Ramanujam, C. G. K., & Rao, K. P. 1973a. On some Microthyriaceous fungi from a Tertiary lignite of south India. Palaeobotanist, 20: 207-209.

Ramanujam, C. G. K., & Rao, K. P. 1973b. A study of the pollen grains of *Ctenolophonidites* from the Warkalli deposits of South India with a note on the geological history of Ctenolophon. Palaeobotanist, 20: 210-215.

Ramanujam, C. G. K., & Rao, K. P. 1975. A palynological approach to the study of the Quilon beds of Kerala State, South India. Current Science, 44: 730-732.

Ramanujam, C. G. K., & Rao, K. P. 1977. A palynological approach to the study of the Warkalli deposits of Kerala in South India. Geophytology, 7: 160-164.

Ramanujam, C. G. K., & Rao, K. P. 1978. Fungal spores from the Neogene strata of Kerala in south India. Proc. 4th Int. Palyn. Conf. (Lucknow, 1976-77), 1: 291-304.

Ramanujam, C. G. K., & Rao, K. P. 1980. Palynological evidence for the age of some Upper Gondwana deposits in Adilabad District of Andhra Pradesh. Proc. 4th Int. Palyn. Conf. (Lucknow, 1976-77), 2: 386-391.

Ramanujam, C. G. K., & Reddy, P. R. 1984. Palynoflora of Neyveli Lignite - floristic and palaeoenvironmental analysis. Journal of Palynology, 20: 58-74.

Ramanujam, C. G. K., Reddy, P. R. & Ramakrishna, H. 1998a. Botanical affinities of *Jacobipollenites* (Ramanujam) Singh & Misra. Geophytology 27: 111-113.

Ramanujam, C. G. K., Reddy, P. R. & Ramakrishna, H. 1998b. *Surmaspora* Singh & Rao from the Neogene sediments of southern India: its stratigraphic and botanical significance. Palaeobotanist 46(3): 47-50.

Ramanujam, C. G. K., Reddy, P. R. & Ramakrishna, H. 1998c. Pollen types of Arecaceae (Palmae) from the subsurface Miocene sediments of Krishna-Godavari Basin, A.P. Journal of the Swamy Botanical Club 15: 55-57.

Ramanujam, C. G. K., Reddy, P. R. & Ramakrishna, H. 1999. Palynoassemblage of Arecaceae (Palmae) from the Neogene of Cauvery Basin, Tamil Nadu. Journal of the Swamy Botanical Club 16: 35- 40.

Ramanujam, C. G. K., Reddy, P. R. & Rao, G. M. 1991. Palynoassemblages of the subsurface Tertiary at Pattanakad, Alleppey District, Kerala State. Journal of the Palaeontological Society of India 36: 51-58.

Ramanujam, C. G. K., Reddy, P. R. & Rao, G. M. 1992. Palynology of Tertiary subcrops of Kalaikode Borewell in Kerala State. Indian Journal of Earth Science, 19: 18-27.

Ramanujam, C. G. K. & Srisailam, K. 1974. Palynology of the Carbonaceous shales from a bore hole at Kattavakkam near Conjeevaram, Tamil Nadu, India. Pollen et Spores, 16: 67-102.

Ramanujam, C. G. K., Srisailam, K., & Reddy, P. R. 1981. The genus *Crassoretitriletes* Germeraad, Hopping and Muller 1968 from the South Indian Tertiary deposits and its stratigraphic importance. Geo. Sci., 2: 1-6.

Ramanujam, C. G. K., & Varma, Y. N. R. 1977. Palynological evidence for the age of Sriperumbudur beds encountered in a borehole at Orikkai near Conjeevaram, Tamil Nadu. Journal of the Geological Society of India, 18: 429-435.

Ramírez-Arriaga, E. & Reyes-Salas, M. 2014. Pollen morphology of the *Momipites* group (Juglandaceae) recovered in Cenozoic basins from central Mexico and Baja California Sur. Acta Microscopica, 23: 101-110.

Ramishvili, I. I. 1969. The Pontian flora of Western Georgia by data of palynological analysis. “Metsniereba” Publ. H., Tbilisi: 1-132 (in Russian).

Ramishvili, I. I. 1982. The Middle Miocene flora of Georgia by data of palynological analysis “Metsniereba”, Publ. H., Tbilisi: 1-138 (in Russian).

Ramos, A., & Doubinger, J. 1979. Découverte d'une microflore dans la Buntsandstein de la Cordillère Ibérique (Espagne). Compte rendu Acad. Sci. Paris, Sér. D, 289: 525-528.

Ramos, A., Doubinger, J., & Adloff, M. C. 1977. El Pérmico y el Triásico de la region de Molina de Aragón (Cordillera Ibérica). Cuadernos Geol. Ibérica, 4: 589-602.

Ramos, A., Doubinger, J., & Virgili, C. 1976. El Pérmico inferior de Rillo de Gallo, Guadalajara. Acta Geol. Hisp., 11(3): 65-70.

Ramsbottom, W., Higgins, A., & Owens, B. 1979. Palaeontological characterisation of the Namurian of the stratotype area (A report of the Namurian Working Group). In Palaeontological Characteristics of the Main Subdivisions of the Carboniferous, 8th Cong. Int. Strat. Geol. Carb., Moscow, 1975, C. r., 3: 85-99.

Rana, V., & Tiwari, R. S. 1980. Palynological succession in Permian-Triassic sediments in Borehole RNM-3, East Raniganj Coalfield, West Bengal. Geophytology, 10: 108-124.

Rao, A. R. 1954. Fungal remains from Tertiary deposits of India. Proc. 41st Ind. Sci. Cong., Pt. 3: 165-166.

Rao, A. R. 1955. Some observations on pollen found in Indian Tertiary lignites. Palaeobotanist, 4: 57-59.

Rao, A. R. 1958. Fungal remains from some Tertiary deposits of India. Palaeobotanist, 7: 43-46.

Rao, A. R., & Vimal, K. P. 1952a. Preliminary observations on the plant microfossil contents of some lignites from Walkalli in Travancore. Current Science, 21: 302-305.

Rao, A. R., & Vimal, K. P. 1952b. Tertiary pollen from lignites from Palana (Eocene), Bikaner. Proc. Nat. Inst. Sci. India, 18: 595-601.

Rao, K. P., & Ramanujam, C. G. K. 1975. A palynological approach to the study of Quilon Beds of Kerala State in south India. Current Science, 40: 730-732.

Rao, K. P., & Ramanujam, C. G. K. 1976. A further record of microthyriaceous fungi from the Neogene of Kerala State in south India. Geophytology, 6: 98-104.

Rao, K. P., & Ramanujam, C. G. K. 1979. Palynology of the Neogene Quilon beds of Kerala State in South India, 1: Spores of Pteridophytes and pollen of Monocotyledons. Palaeobotanist, 25(1978): 397-427.

Rao, K. P., & Ramanujam, C. G. K. 1982. Palynology of the Neogene Quilon beds of Kerala State in South India, 2: Pollen of dicotyledons and discussion. Palaeobotanist, 30: 68-100.

Rao, M. R. 1986. Palynology of the Barail (Oligocene) and Surma (lower Miocene) sediments exposed along Sonapur-Badarpur road section, Jaintia Hills (Meghalaya) and Cachar (Assam), . . . Geophytology, 16: 89-97.

Rao, M. R. 1990. Palynological investigation of Arthungal Borehole, Alleppy District, Kerala. Palaeobotanist, 38: 243-255.

Rao, M. R. 1995a. Palynostratigraphic zonation and correlation of the Eocene-Early Miocene sequence in Alleppey District, Kerala, India. Review of Palaeobotany and Palynology, 86: 325-348.

Rao, M. R. 1995b. Fungal remains from Tertiary sediments of Kerala Basin, India. Geophytology 24: 233-236.

Rao, M. R. 1996. An Early Miocene palynofloral assemblage from Turavur Borehole, Alleppey District, Kerala – its palaeoecological and stratigraphical significance. Geophytology 25:155-163.

Rao, M. R. 2000. Palynological investigation of the Kherapara Formation (Oligocene) exposed along Tura-Dalu Road near Kherapara, West Garo Hills District, Meghalaya, India. Palaeobotanist, 49: 293-309.

Rao, M. R. & Nair, K. K. 1998. Palynological investigation of Miocene sediments exposed in Kannanellur-Kundara area, Quilon District, Kerala. Geophytology 27: 49-59.

Rao, M. R., & Rajendran, C. P. 1994. Palynological investigations of Tertiary lignite and associated sediments from Cannanore, Kerala Basin, India. Palaeobotanist, 43: 63-82.

Rao, M. R., Sahni, A., Rana, R. S. & Verma, P. 2013. Palynostratigraphy and depositional environment of Vastan Lignite Mine (early Eocene), Gujarat, western India.Journal of Earth System Science, 122: 289-307.

Rao, M. R., Saxena, R. K., & Singh, H. P. 1985. Palynology of the Barail (Oligocene) and Surma (Lower Miocene) sediments exposed along Sonapur-Badarpur Road section, Jaintia Hills . . . pt V. Geophytology, 15: 7-23.

Rao, M. R., & Singh, H. P. 1986. Palynology of the Barail (Oligocene) and Surma (lower Miocene) sediments exposed along Sonapur-Badarpur road section, Jaintia Hills (Meghalaya) and Cachar (Assam), pt. III. Pteridophytic spores. Palaeobotanist, 35: 267-280.

Rao, M. R., & Verma, P. 2014a. Palynological investigation of Neogene (Early Miocene) sediments of Mangalore Basin, India: Palaeoenvironmental and Palaeoclimatic implications. Journal of the Geological Society of India. 84: 55-67.

Rao, M. R., & Verma, P. 2014b. Miocene palynology in India: Present status and future prospect. Special Publication of the Palaeontological Society of India, 5: 145-160.

Rao, P. V. R., & Ramanujam, C. G. K. 1979. The genus *Contignisporites* from the Lower Cretaceous beds of Adiladab District, A. P. Geophytology, 9: 139-143.

Rao, V. R., & Venkatachala, B. S. 1971. Upper Gondwana marine intercalations in Peninsular India. Intern. Gondwana Symp., Ann. Geol. Dept. A.M.U., Aligarh, India, 5-6: 353-389.

Raskatova, L. G. 1969. Middle and Upper Devonian sporepollen assemblages of the southeastern part of the Central Devonian Field. Ministerstvo Vysshego Srednego Spetsial’nogo Obrazovaniia RSFSR, Voronezhskii Gosudarstvennyi Universitet, Voronezh: 1-167 (in Russian).

Raskatova, L. G. 1973. Palynological characteristic of Famennian deposits of central part of Russian Platform. Izd. Voron. Univ.: 1-173 (In Russian).

Raskatova, M. & Jurina, A. 2012. Frasnian Miospore Assemblages and Zones of Southern Latvia and North-Western Russia (Pskov Region). Scientific Papers, University of Latvia, 783: 24-36.

Rasul, S. M. 1974. The Lower Palaeozoic acritarchs *Priscogalea* and *Cymatiogalea*. Palaeontology, 17: 41-63.

Rasul, S. M. 1976. New species of the genus *Vulcanisphaera* (Acritarcha) from the Tremadocian of England. Micropaleontology, 22: 479-484.

Rasul, S. M. 1977. *Palaiosphaeridium*, a new acritarch genus from the Tremadoc of England. Mercian Geologist, 6: 119-121.

Rasul, S. M. 1979. Acritarch zonation of the Tremadoc Series of the Shineton Shales, Wrekin, Shropshire, England. Palynology, 3: 52-72.

Rasul, S. M., & Downie, C. 1974. The stratigraphic distribution of Tremadoc acritarchs in the Shineton Shales succession, Shropshire, England. Review of Palaeobotany and Palynology, 18: 1-9.

Rauscher, R. 1968. Chitinozoaïres de l'Arenig de la Montagne Noire (France). Revue de Micropaléontologie, 11: 51-60.

Rauscher, R. 1969a. Présence d'une forme nouvelle d'Acritarches dans le Dévonien de Normandie. C. r. Acad. Sci. Paris, 268: 34-36.

Rauscher, R. 1969b. Analyze palyno-planctologique du Silurien supérieur du Pas-de-Calais. Ann. Soc. Géol. Nord, 89: 317-322.

Rauscher, R. 1970. Les Chitinozoaires de l'Ordovicien du Synclinal de May-sur-Orne (Clavados). Bull. Soc. Linn. Normandie, 101: 117-127.

Rauscher, R. 1971. Acritarches du Paléozoïque infèrieur de la Montagne Noire. Bull. Serv. Carte Géol. Alsace-Lorraine, 24: 291-296.

Rauscher, R. 1974a. Les acritarches de l'Ordovicien en France. Review of Palaeobotany and Palynology, 18: 83-97.

Rauscher, R. 1974b. Recherches micropaléontologiques et stratigraphiques dans l'Ordovicien et le Silurien en France. Sci. Géol., Univ. Louis Pasteur, Strasbourg, M‚m. 38(1973): 1-224.

Rauscher, R. 1985. Les Dinokystes, des outils stratigraphiques pour les séries phosphatées: Application aux phosphorites du Maroc. In Lucas, J., et al., eds., Phosphorites, 6th Int. Field-Workshop and Seminar on Phosphorites, Sci. Géol., 77: 69-74.

Rauscher, R., & Doubinger, J. 1967. Associations de chitinozoaires de Normandie et comparaisons avec les faunes déjà décrites. Bull. Serv. Carte Géol. Alsace-Lorraine, 20: 307-328.

Rauscher, R., & Doubinger, J. 1969. étude palyno-planctologique dans le Bassin de Sainte-Mère-église (Normandie), 1. Les Acritarches. Bull. Serv. Carte Géol. Alsace-Lorraine, 21: 315-320.

Rauscher, R., & Doubinger, J. 1970. Les Chitinozoaires des schistes à Calymènes (Llanvirnien) de Normandie. C. r. 29ème Cong. Nat. Soc. Sav., Strasbourg et Colmar 1967, 2: 471-484.

Rauscher, R., & Doubinger, J. 1982. Les dinokystes du Maestrichtien phosphaté au Maroc. Sci. Géol. Bull., 35: 97-116.

Rauscher, R., Doubinger, J., & Manche-Bain, A. 1965. Spores et acritarches du Dévonien inférieur (Siegénien) du Cotentin. Bull. Serv. Carte Géol. Alsace-Lorraine, 18: 307-317.

Rauscher, R., & Schmidt, J. P. 1990. Récherches palynologiques dans le Jurassique d'Alsace (France). Review of Palaeobotany and Palynology, 62: 107-156.

Rauscher, R., & Schuler, M. 1988. Les dinokystes, des témoins d'influences marines dans le Paléogène d'Alsace. Bull. Cent. Rech. Expl.-Prod. Elf-Aquitaine, 12: 405-425.

Ravn, R. L. 1979. An introduction to the stratigraphic palynology of the Cherokee Group (Pennsylvanian) coals of Iowa. Iowa Geological Survey Technical Paper 6: 1-117.

Ravn, R. L. 1981. Preliminary observations on the palynology of Upper Dakota Formation lignites in northwest Iowa and northeast Nebraska. Iowa Geological Survey Guidebook Series 4: 123-127.

Ravn, R. L. 1983. Paleobotanical relationships and stratigraphic importance of the Carboniferous miospore genus *Vestispora* and questionably allied genera. Journal of Paleontology, 57: 568-580.

Ravn, R. L. 1986a. *Microreticulatisporites sacalii* (Deák and Combaz) n. comb., a stratigraphically significant miospore from the Cenomanian of the United States. Journal of Paleontology, 60: 772-777.

Ravn, R. L. 1986b. Palynostratigraphy of the Lower and Middle Pennsylvanian coals of Iowa. Iowa Geological Survey Technical Paper 7: 1-245.

Ravn, R. L. 1987. *Montiapollis* n. gen., possible Portulacaceae pollen from the Cenomanian of Iowa. Grana, 26: 243-247.

Ravn, R. L. 1991. Miospores of the Kekiktuk Formation (Lower Carboniferous), Endicott Field area, Alaska North Slope. American Association of Stratigraphic Palynologists Contribution Series, 27: 1-171.

Ravn, R. L. 1992. Palynology of the Kekiktuk Formation and implications for Alaska North Slope paleogeography in the Early Carboniferous. Alaska Geology, 22(3): 1, 4.

Ravn, R. L. 1995. Miospores from the Muddy Sandstone (upper Albian), Wind River Basin, Wyoming, U.S.A. Palaeontographica B, 234: 41-91.

Ravn, R. L. 2017. The species of *Fromea* revisited, with comments on selected morphologically similar genera. Palynology, 41, supplement 1: 247-261.

Ravn, R. L. & Benson, D. G. 1988. Devonian miospores and reworked acritarchs from southeastern Georgia, U.S.A. Palynology, 12: 179-200.

Ravn, R. L., Butterworth, M. A., Phillips, T. L. & Peppers, R. A. 1986. Proposed synonymy of *Granasporites* Alpern 1959 emend. and *Cappasporites* Urban emend. Chadwick 1983, miospore genera from the Carboniferous of Europe and North America. Pollen et Spores, 28: 421-434.

Ravn, R. L. & Fitzgerald, D. J. 1982. A Morrowan (Upper Carboniferous) miospore flora from eastern Iowa, U.S.A. Palaeontographica B, 183: 108-172.

Ravn, R. L.,& Goodman, D. K. 2017. Two new marine cyst genera from Upper Cretaceous megasequence strata of the North Slope of Alaska. Palynology, 41, supplement 1: 271-277.

Ravn, R. L., McPhilemy, B., Rutherford, M., Talli, S. & Bahra, G. 1994. Late Devonian and Early Carboniferous palynostratigraphy and its application in northeastern Syria. In Simmons, M. D., ed., Micropaleontology and Hydrocarbon Exploration in the Middle East, Chapman & Hall, London: 5-22.

Ravn, R. L. & Witzke, B. J. 1994. The mid-Cretaceous boundary in the Western Interior Seaway, central United States: Implications of palynostratigraphy from the type Dakota Formation. In Shurr, G. W., et al., eds., Perspectives on the Eastern Margin of the Cretaceous Western Interior Basin, Geological Society of America Special Paper 287: 111-128.

Ravn, R. L. & Witzke, B. J. 1995. The palynostratigraphy of the Dakota Formation (?late Albian-Cenomanian) in its type area, northwestern Iowa and northeastern Nebraska, USA. Palaeontographica B, 234: 93-171.

Rawat, M. S. 1967. Jurassic microplankton from Kutch, India. Palyn. Bull., 2-3(1966-1967): 45-49.

Rawat, M. S. 1968. Plant microfossils from sediments exposed along Orara Bhoyad Traverse, Kutch, India, with a discussion on the age of the deposits. Journal of Palynology, 4: 84-90.

Rawat, M. S., Mukherjee, J., & Venkatachala, B. S. 1977. Palynology of the Kadi Formation, Cambay Basin, India. Proc. 4th Colloq. Indian Micropal. Strat., 1974-1975, Inst. Petrol. Explor. Oil Nat. Gas Comm., Dehradun: 179-192.

Rawson, P. F., & Riley, L. A. 1982. Latest Jurassic-Early Cretaceous events and the Late Cimmerian unconformity in the North Sea area. American Association of Petroleum Geologists Bulletin, 66: 2628-2648.

Raynaud, J. F. 1978. Principaux Dinoflagellés caractéristiques du Jurassique supérieur d'Europe du Nord. Palinología, núm. ext. 1: 387-405.

Razumkova, E. S. 2016. Lower Cretaceous of Western Siberia. Paleontologicheskii Zhurnal, 2016, p. 102-108 (In Russian, with brief English Summary; Russian title is considerably longer).

Reade, J. B. 1839. On some new organic remains in the Flint of Chalk. Ann. Mag. Nat. Hist., 2: 191-198.

Reaugh, A. B. 1971. Middle Silurian acritarchs from Highland County, Virginia. Geol. Soc. America Abstr. w. Progr., 3: 343-344 (abstract).

Reaugh, A. B. 1978a. A new excystment mechanism in the Silurian acritarch *Diexallophasis* of Virginia. Palaeontology, 21: 869-872.

Reaugh, A. B. 1978b. Acritarch assemblages from the ?Couvinian-Tournaisian Chattanooga black shales in northern Tennessee, U.S.A. Palynology, 2: 230-231 (abstr.).

Reaugh, A. B. 1978c. A new species of *Cymatiosphaera* (Acritarcha) with constant field tabulation from the Devonian of Tennessee. Palaeontology, 21: 835-846.

Rebelle, M., & Doubinger, J. 1988. étude palynologique dans le bassin évaporitique du Zechstein (Permien supérieur); aspects stratigraphiques, paléoécologiques et paléoclimatologiques. Cahiers de Micropaléonologie., N. S., 3: 5-19.

Reed, F. D. 1938. Notes on some plant remains from the Carboniferous of Illinois. Bot. Gaz., 100: 324-335.

Regali, M. S. P. 1964. Resultados palinológicas de amostras paleózoicas da bacia de Tucano-Jatobá. Bol. Téc. Petrobrás, 7: 165-180.

Regali, M. S. P. 1980. Palinoestratigrafica de Bacia do Ceará. An. 31st Cong. Bras. Geol., Camborúi, 1980, 5: 118-129.

Regali, M. S. P. 1989a. *Tucanopollis*, un gênero novo das angiospermas primitivas. Bol. Geociênc. Petrobras, 3: 395-402.

Regali, M. S. P., 1989b. *Complicatisaccus cearensis*: uma palinozona do Eocretáceo do Brasil. In: 11st Congresso Brasileiro de Paleontologia, Curitiba, vol. 1: 235-274.

Regali, M. S. P., & Gonzaga, S. M. 1985. Palinocronoestratigrafia da Bacia Potiguar-Rio Grade do Norte, Brasil. An. 8 Congr. Bras. Paleont., 2: 443-460.

Regali, M.S.P. & Santos, P.R.S. 1999. Palinoestratigrafia e geocronologia dos sedimentos albo-aptianos das bacias de Sergipe e Alagoas e Brasil. In: 5th Simpósio sobre o Cretáceo do Brasil, Rio Claro: 411-419.

Regali, M. S. P., Uesugui, N., & Lima, E. G. 1983. Palinoestratigrafia e paleoambiente da Bacia de Barreirinhas-Maranhao-Brasil. An. 8 Congr. Bras. Paleont.: 461-470.

Regali, M. S. P., Uesugui, N., & Santos, A. S. 1974. Palinologia dos sedimentos Meso-Cenozóicos do Brasil (I & II). Bol. Téc. Petrobrás, 17: 177-191, 263-301.

Regali, M. S. P., & Viana, C. F. 1989. Late Jurassic-Early Cretaceous in Brazilian sedimentary basins: Correlation with the International Standard Scale. Petrobras, Rio de Janeiro: 1-95. (In Portuguese and English).

Regnéll, G. 1955. *Leiosphaera* (Hystrichosph.) aus underordivizischen Kalkstein in SO-Schönen, Schweden. Geol. Fören. Stockholm Förhandl., 77: 545-546.

Reid, P. C. 1972. Dinoflagellate cyst distribution around the British Isles. Journal of the Marine Biological Association, U.K., 52: 939-944.

Reid, P. C. 1974. Gonyaulacacean dinoflagellate cysts from the British Isles. Nova Hedwigia, 25: 579-630.

Reid, P. C. 1975a. A regional subdivision of dinoflagellate cysts around the British Isles. New Phytologist, 75: 589-603.

Reid, P. C. 1975b. Large scale changes in North Sea phytoplankton. Nature, 257: 217-219.

Reid, P. C. 1977. Peridiniacean and Glenodiniacean dinoflagellate cysts from the British Isles. Nova Hedwigia, 19: 429-463.

Reid, P. C. 1978. Dinoflagellate cysts in the plankton. New Phytologist, 80: 219-229.

Reid, P. C., & Allitt, U. 1981. Comments on the pseudo-microfossil Linotolypen. Review of Palaeobotany and Palynology, 34: 263-267.

Reid, P. C., & Downie, C. 1973. The age of the Bridlington Crag. Proceedings of the Yorkshire Geological Society, 39: 315-318.

Reid, P. C., & Harland, R. 1977. Studies of Quaternary dinoflagellate cysts from the North Atlantic. In Elsik, W. C., ed., Contributions of Stratigraphic Palynology, 1: Cenozoic Palynology, Amer. Assoc. Strat. Palyn., Contr. Ser. 5A: 147-169.

Reimann, K.-U. 1975. Palynologisch-stratigraphische Untersuchungen an der Wende Karbon/Perm in der Saar-Nahe-Senke. 7ème Cong. Int. Strat. Géol. Carb., Krefeld, 1971, C. r., 4: 161-168.

Reimann, K.-U., & Thaung, A. 1981. Results of palynostratigraphical investigations of the Tertiary sequence in the Chindwin Basin, northwestern Burma. Proc. 4th Int. Palyn. Conf. (Lucknow 1976-77), 3: 380-395

Rein, U. 1961. Die Möglichkerten einer pollenstratigraphischen Gliederung des Miocäns in Nordwestdeutschland. Meyniana, 10: 160-166.

Reinhardt, P. 1962. *Sporae dispersae* aus dem Rhät Thüringens. Mber. Dt. Akad. Wiss., 3: 704-711.

Reinhardt, J., Christopher, R. A. & Owens. J. P. 1980. Part 3. Lower Cretaceous stratigraphy of the core. In Geology of the Oak Grove Core, Virginia Division of Mineral Resources Publication 20: 32-52.

Reinhardt, P. 1964a. šber die *Sporae dispersae* der Thüringer Trias. Mber. Dt. Akad. Wiss. Berlin, 6: 46-56.

Reinhardt, P. 1964b. Einige Sporenarten aus dem oberen Buntsandstein Thüringens. Monats. Dt. Akad. Wiss. Berlin, 6(8): 609-614.

Reinhardt, P. 1967. *Sporae dispersae* aus dem Mittleren Buntsandstein (Untere Trias) Thüringens. Mber. Deutsch. Akad. Wiss., Berlin, 9: 747-758.

Reinhardt, P., & Schmitz, W. 1965. Zur Kenntnis der *Sporae dispersae* des mitteldeutschen Oberen Buntsandsteins. Freiberger Forschh., C182: 19-36.

Reinhardt, P., & Schön, M. 1967. *Sporae dispersae* aus dem mittleren Bund- sandstein (untere Trias) Thüringens. Monatsb. Dt. Akad. Wiss. Berlin, 9: 747-758.

Reinsch, O. 1884. Micropalaeophytologia formations Carbonifère. Vol. 1. Continens Trileteas er Stelideas. T. Kirsch, Erlangen, Germany: 1-88.

Reiser, R. F., & Williams, A. J. 1969. Palynology of the Lower Jurassic sediments of the northern Surat Basin, Queensland. Geol. Surv. Queensland Pub. 339, Palaeont. Pap. 15: 1-24.

Reissinger, A. 1950. Die Pollenanalyse ausgedehnt auf alle Sediment- gesteine der geologischen Vergangenheit. Palaeontographica B, 90: 99-126.

Reiswig, K. N. 1984. Comparisons of the megaflora and palynoflora of the Chuckanut Formation, northwest Washington. Palynology, 8: 258 (abstr.).

Reitz, E. 1985. Palynologie der Trias in Nordhessen und Südniedersachsen. Geol. Abh. Hessen, 86: 1-36.

Reitz, E. 1987. Silurische Sporen aus einem Granatfluehrenden Glimmer- schiefer des Vor-Spessart, NW Bayern. N. Jb. Geol. Paläont., Mh., 11: 699-704.

Reitz, E. 1988. Palynostratigraphie des Bundsandsteins in Mitteleuropa. Geol. Jb. Hessen, 116: 105-112.

Reitz, E. 1991. Acritarchen des Unter-Tremadoc aus dem westlichen Frankenwald, NE-Bayern. N. Jb. Geol. Paläont. Mh., 1991, H. 2: 97-104.

Reitz, E. 1992. Silurische Mikrosporen aus einem Biotit-Glimmerschiefer bei Rittsteig, nördlicher Bayerischer Wald. N. Jb. Geol. Paläont., Mh. 1992, H. 6: 351-358.

Reitz, E. & Höll, R. 1989. Unterordovizische Acritarchen aus der Nördlichen Grauwackenzone (Ostalpen). Jb. Geol. B.-A., 132: 761-774.

Reitz, E. & Wickert, F. 1989. Late Cambrian to Early Ordovician acritarchs from the Vill‚ Unit, northern Vosges Mountains (France). J. Jb. Geol. Paläont., Mh., 1989: 375-384.

Reymanowna, M. 1968. On seeds containing *Eucommiidites troedssonii* pollen from the Jurassic of Grojec, Poland. J. Linn. Soc., 61: 147-152.

Reyre, Y. 1963. Première contribution à l'étude des spores et pollens du secondaire Saharien. Rev. Micropal‚ont., 6: 196-210.

Reyre, Y. 1965. Description de quelques spores et pollens de séries attribuées au Jurassique supérieur dans le Sahara tunisien. Revue de Micropaléontologie, 7: 257-264.

Reyre, Y. 1966. Palynologie du Crétacé moyen du Sahara Tunisien. Revue de Micropaléontogie, 9: 3-18.

Reyre, Y. 1967. Intérêt paléobotanique et stratigraphique de l'étude palynologique des séries jurassiques et crétacées du Sahara. Review of Palaeobotany and Palynology, 5: 137-143.

Reyre, Y. 1968a. Précisions sur la structure et la morphologie des pre-pollen du genre de forme *Classopollis* (Pflug) Pocock et Jansonius. Conséquences paléobotanique et stratigraphique. C. r. Acad. Sci. Paris, s‚r. D, 266: 1233-1235.

Reyre, Y. 1968b. Valeur taxonomique de la structure de l'exine des pollens fossiles attribués aux gymnospermes ou aux chlamydospermes. C. r. Acad. Sci. Paris, s‚r. D, 267: 488-490.

Reyre, Y. 1970. Scanning electron microscope observations on the pollen genus Classopollis Pflug. Palaeontology, 13: 303-321.

Reyre, Y. 1971. Interpr‚tation botanique des pollens inaperturés du Mésozoïque saharien. Essai de classification d'après l'observation en microscopie éléctronique à balayage. Heywood: Scanning Electron Microscopy: 145-154.

Reyre, Y. 1973. Palynology du Mésozoïque saharien. Mém. Mus. Hist. Nat., sér. C, 27: 1-284.

Reyre, Y. 1987a. Répartition des espèces de quelques genres de dinoflagellés dans le Dogger du Sondage de Sancerre-Couy (Cher, France). Géol. Méditerr., 14: 261-269.

Reyre, Y. 1987b. Pollenospores du Lias du Sondage de Sancerre-Couy (Cher, France). Géol. Méditerr., 14: 271-281.

Reyre, Y., Kieser, G., & Pujol, C. 1970. Intérêt stratigraphique de quelques espèces du genre *Classopollis* (Pflug) Reyre. Revue de Micropaléontologie, 13: 146-154.

Reyre, Y., & Tea, J. 1981. Quelques dinoflagellés de la Falaise de Fresco (Côte d'Ivoire). Problèmes stratigraphiques, paléontologiques et bathymétriques. Cahiers de Micropaléontologie, 2: 71-77.

Rhodes, F. H. T. 1961. Chitinozoa from the Ordovician Nod Glas Formation of Merioneth. Nature (London), 192: 275-276.

Ribecai, C. 2007. Early Jurassic miospores from Ferrar Group of Carapace Nunatak, South Victoria Land, Antarctica. Review of Palaeobotany and Palynology, 144: 3-12.

Ribecai, C., Bagnoli, G., Mazzarini, F. & Musumeci, G. 2005. Paleontological evidence for Late Cambrian in the Arburese area, SW Sardinia. Carnets de Géologie, Memoir 2005/02, Abstract 08: 45-50.

Ribecai, C., Bruton, D. L. & Tongiorgi, M. 1999. Acritarchs from the Ordovician of the Oslo Region, Norway. Norsk Geologisk Tidsskrift, 80: 251-258.

Ribecai, C. & Tongiorgi, M. 1995. Arenigian acritarchs from Horns Udde (öland, Sweden):a preliminary report. Review of Palaeobotany and Palynology, 86: 1-11.

Rich, F. J., Kuehn, D. & Davies, T. D. 1982. The paleoecological significance of *Ovoidites*. Palynology, 6: 19-28.

Richards, R. E. & Mullins, G. L. 2003. Upper Silurian microplankton of the Leintwardine Group, Ludlow Series, in the type Ludlow area and adjacent regions. Palaeontology, 46: 557-611.

Richardson, J. B. 1960. Spores from the Middle Old Red Sandstone of Cromarty, Scotland. Palaeontology, 3: 45-63.

Richardson, J. B. 1962. Spores with bifurcate processes from the Middle Old Red Sandstone of Scotland. Palaeontology, 5: 171-194.

Richardson, J. B. 1964. Stratigraphical distribution of some Devonian and Lower Carboniferous spores. C. r. 5ème Cong. Int. Strat. Géol. Carb., Paris, 1963, 4: 1111-1114.

Richardson, J. B. 1965. Middle Old Red Sandstone spore assemblages from the Orcadian Basin, north-east Scotland. Palaeontology, 7(1964): 559-605.

Richardson, J. B. 1967. Some British Lower Devonian spore assemblages and their stratigraphic significance. Review of Palaeobotany and Palynology, 1: 111-129.

Richardson, J. B. 1969. Devonian spores. In Tschudy, R. H., & Scott, R. A., eds., Aspects of Palynology, John Wiley & Sons, New York: 193-222.

Richardson, J. B. 1974. The stratigraphic utilization of some Silurian and Devonian miospore species in the Northern Hemisphere: An attempt at a synthesis. Int. Symp. Belg. Micropaleont. Limits, Namur 1974, Publication 9: 1-13.

Richardson, J. B. 1985. Lower Palaeozoic sporomorphs: Their stratigraphical distribution and possible affinities. Phil. Trans. Royal Soc. London, Ser. B, 309(1138): 201-205.

Richardson, J. B. 1988. Late Ordovician and Early Silurian cryptospores and miospores from northeast Libya. In El-Arnauti, A., et al., eds., Subsurface Palynostratigraphy of Northeast Libya, Garyounis Univ. Publ.: 89-109.

Richardson, J. B. 1996. Taxonomy and classification of some new Early Devonian cryptospores from England. Spec. Pap. Palaeontology, 55: 7-40

Richardson, J. B., & Edwards, D. 1989. Sporomorphs and plant megafossils. In Holland, C. H., & Bassett, M. G., eds., A Global Standard for the Silurian System, Nat. Mus. Wales Geol. Ser., 10: 216-226.

Richardson, J. B., Ford, J. H., & Parker, F. 1984. Miospores, correlation and age of some Scottish Lower Old Red Sandstone sediments from the Strathmore region (Fife and Angus). J. Micropalaeont., 3: 109-124.

Richardson, J. B., Hassan, A., Steemans, P., & Streel, M. 1982. A new spore assemblage to correlate between the Breconian (British Isles) and the Gedinnian (Belgium). Ann. Soc. Géol. Belg., 105: 135-143.

Richardson, J. B., & Ioannides, N. 1973. Silurian palynomorphs from the Tannezzuft and Acacus Formations, Tripolitania, North Africa. Micropaleontology, 19: 257-307.

Richardson, J. B., & Ioannides, N. 1979. *Emphanisporites splendens*, new name for *Emphanisporites pseudoerraticus* Richardson and Ioannides (preoccupied). Micropaleontology, 25: 111.

Richardson, J. B., & Lister, T. R. 1969. Upper Silurian and Lower Devonian spore assemblages from the Welsh borderland and south Wales. Palaeontology, 12: 201-252.

Richardson, J. B., & McGregor, D. C. 1986. Silurian and Devonian spore zones of the Old Red Sandstone Continent and adjacent regions. Geological Survey of Canada Bulletin 364: 1-79.

Richardson, J. B., & Rasul, S. M. 1975. Witney Borehole reworked. In Current Research in Devonian Palynology, C.I.M.P. Symp.: 5.

Richardson, J. B., & Rasul, S. M. 1978a. Palynomorphs in Lower Devonian sediments from the Apley Barn Borehole, southern England. Pollen et Spores, 20: 423-462.

Richardson, J. B., & Rasul, S. M. 1978b. Lower Devonian spores and reworked acritarchs from th Witney Borehole, southern England, and their geological implications. Palynology, 2: 231. (abstract)

Richardson, J. B., & Rasul, S. M. 1979. Palynological evidence for the age and provenance of the Lower Old Red Sandstone from the Apley Barn Borehole, Witney, Oxfordshire (southern England). Proc. Geol. Assoc., 90(1978): 27-42.

Richardson, J. B., & Rasul, S. M. 1990. Palynofacies in a Late Silurian regressive sequence in the Welsh Borderland and Wales. Murchison Symp. Paper, J. Geol. Soc. (London), 147: 675-686.

Richardson, J. B., Rasul, S. M., & Al-Ameri, T. 1981. Acritarchs, miospores and correlation of the Ludlowian-Downtonian and Silurian-Devonian boundaries. Review of Palaeobotany and Palynology, 34: 209-224.

Richardson, J. G. 2006. Miospore biostratigraphy of the Lower Mississippian clastics of the Michigan Basin, USA. Review of Palaeobotany and Palynology, 138: 63-72.

Richardson, J. G. 2008. Rare palynomorphs from the Nancy Member of the Borden Formation (Mississippian; Tournaisian), Kentucky, U.S.A. Northeastern Geology and Environmental Sciences, 30: 295-303.

Richardson, J. G. & Ausich, W. I. 2004. Miospore biostratigraphy of the Borden delta (Lower Mississippian, Osagean) in Kentucky and Indiana, U.S.A. Palynology, 28: 159-174.

Richardson, J. G. & Ausich, W. I. 2007. Late Ordovician-Early Silurian cryptospore occurrences on Anticosti Island (Île d'Anticosti), Quebec, Canada. Canadian Journal of Earth Science*,* 44:1-7.

Ricketts, B. D. & Sweet, A. R. 1986. Stratigraphy, sedimentology and palynology of the Kootenay-Blairmore transition in southwestern Alberta and southeastern British Columbia. Geological Survey of Canada Paper 84-15: 1-41.

Ridgway, K. D., Trop, J. M., & Sweet, A. R. 1997. Thrust-top basin formation along a suture zone, Cantwell basin, Alaska Range: Implications for development of the Denali fault system. Geological Society of America Bulletin, 109: 505-523.

Riding, J. B. 1983a. The palynology of the Aalenian (Middle Jurassic) sediments of Jackdaw Quarry, Stanway Hill, Gloucestershire, England. Mercian Geologist, 9: 111-120.

Riding, J. B. 1983b. *Gonyaulacysta centriconnata* sp. nov., a dinoflagellate cyst from the Late Callovian and Early Oxfordian of eastern England. Palynology, 7: 197-204.

Riding, J. B. 1984a. Dinoflagellate cyst range-top biostratigraphy of the uppermost Triassic to lowermost Cretaceous of Northwest Europe. Palynology, 8: 195-210.

Riding, J. B., 1984b. Observations on the Jurassic dinoflagellate cyst Nannoceratopsis ambonis Drugg, 1978. Journal of Micropalaeontology, 3: 75-79.

Riding, J. B. 1984c. A palynological investigation of Toarcian to early Aalenian strata from the Blea Wyke area, Ravenscar, North Yorkshire. Proceedings of the Yorkshire Geological Society, 45: 109-122.

Riding, J. B. 1984d. The palynology of the Tobar Ceann Siltstone Member, Staffin Shale Formation (Jurassic: Callovian/Oxfordian), Strathaird, southern Skye. Rep. Brit. Geol. Surv., 16(10): 1-5.

Riding, J. B. 1987a. Dinoflagellate cyst stratigraphy of the Nettleton Bottom Borehole (Jurassic: Hettangian to Kimmeridgian), Lincolnshire, England. Proceedings of the Yorkshire Geological Society, 46: 231-266.

Riding, J. B. 1987b. *Limbodinium*, a new dinoflagellate genus from the Jurassic of western Europe. Palynology, 11: 55-65.

Riding, J. B. 1994. A taxonomic study of the Mesozoic dinoflagellate cysts *Phallocysta elongata* (Beju) comb. nov., emend. nov. and *Wallodinium cylindricum* (Habib 1970) Duxbury emend. nov. Palynology, 18: 11-22.

Riding, J. B. 2002. *Microdinium avocetianum* sp. nov., a dinoflagellate cyst from the latest Jurassic (Tithonian) of Australia. Palynology, v.25, p.3–10, pl.1. (Cover date 2001, issue date 2002.)

Riding, J. B. 2004. *Frigatadinium frigatense* gen. et sp. nov., a dinoflagellate cyst from the Late Jurassic-Early Cretaceous (Oxfordian-Berriasian) of Australasia. Memoir of the Association of Australasian Palaeontologists, v.29, p.237–244.

Riding, J. B. 2005a. The Late Jurassic dinoflagellate cyst *Gonyaulacysta ceratophora* (Cookson &amp; Eisenack 1960) comb. nov., emend. nov. Palynology, v.29, p.13–22, pl.1.

Riding, J. B. 2005b. *Fostericysta* Riding nom. nov. (division Dinoflagellata). Taxon, v.54, no.4. p.1091.

Riding, J. B. 2012. The Jurassic dinoflagellate cyst *Gonyaulacysta dentata* (Raynaud 1978) Lentin & Vozzhennikova 1990 emend. nov.: an index species for the Late Callovian to earliest Oxfordian of the northern hemisphere. Review of Palaeobotany and Palynology, v.176-177, p.68–81, pl.1–2.

Riding, J. B. & Crame, J. A. Aptian-Coniacian (Early-Late Cretaceous) palynostratigraphy of the Gustav Group, James Ross Basin, Antarctica. Cretaceous Research, 23: 739-760.

Riding, J. B. & Davey, R. J. 1989. *Rotosphaeropsis thula* (Davey 1982) comb. nov., emend.: A dinoflagellate cyst from the Upper Jurassic-Lower Cretaceous of England. Journal of Micropalaeontology, 8: 109-112.

Riding JB & Fensome RA. 2002. A review of *Scriniodinium* Klement 1957, *Endoscrinium* (Klement 1969) Vozzhennikova 1967 and related dinoflagellate cyst taxa. Palynology 26: 5-33.

Riding, J. B. & Helby, R. 2001a. Early Jurassic (Toarcian) dinoflagellate cysts from the Timor Sea, Australia. Mem. Assoc. Australasian Palaeontologists, 24: 1-32.

Riding, J. B., & Helby, R. 2001b. A selective reappraisal of *Wanaea* Cookson & Eisenack 1958 (Dinophyceae). Mem. Assoc. Australasian Palaeontologists, 24: 33-58.

Riding, J. B., & Helby, R. 2001c. *Phallocysta granosa* sp. nov., a Mid Jurassic (Bathonian) dinoflagellate cyst from the Timor Sea, Australia. Mem. Assoc. Australasian Palaeontologists, 24: 59-63.

Riding, J. B., & Helby, R. 2001d. Microplankton from the Mid Jurassic (late Callovian) *Rigaudella aemula* Zone in the Timor Sea, north-western Australia. Mem. Assoc. Australasian Palaeontologists, 24: 65-110.

Riding, J. B., & Helby, R. 2001e. Dinoflagellate cysts from the Late Jurassic (Oxfordian) *Wanaea spectabilis* Zone in the Timor Sea region. Mem. Assoc. Australasian Palaeontologists, 24: 111-140.

Riding, J. B., & Helby, R. 2001f. Dinoflagellate cysts from the Late Jurassic (Kimmeridgian) *Dingodinium swanense* Zone in the North-West Shelf and Timor Sea, Australia. Mem. Assoc. Australasian Palaeontologists, 24: 141-176.

Riding, J. B., & Helby, R. 2001g. Marine microplankton from the Late Jurassic (Tithonian) of the northwest Australian region. Memoir of the Association of Australasian Palaeontologists, 24: 177-220.

Riding, J. B., & Helby, R. 2001h. Some stratigraphically significant dinoflagellate cysts from the Early Cretaceous (Aptian and Albian) of Australia. Memoir of the Association of Australasian Palaeontologists, 24: 225-235.

Riding, J. B. and Ilyina, V. I. 1996: *Protobatioladinium elatmaensis* sp. nov., a dinoflagellate cyst from the Bathonian of Russia. Journal of Micropalaeontology, 15, p.150.

Riding, J. B., & Ilyina, V. I. 1998. A new dinoflagellate cyst from the upper Bathonian (Middle Jurassic) strata of the Russian Platform. Journal of Micropalaeontology, 17: 86.

Riding, J. B., Matthews, S. L., Miles, N. L., & Wolfard, A. 1998. *Metaridium solidispinum* gen. et sp. nov., a polygonomorph acritarch from the Lower Cretaceous of Europe. Palynology, 22: 57-66.

Riding, J. B., Poulsen, N. E. and Bailey, D. A. 2001: A taxonomic study of the dinoflagellate cyst *Muderongia simplex* Alberti 1961 and related species. Palynology, 24: 21–35 (Cover date 2000, issue date 2001).

Riding, J. B., & Sarjeant, W. A. S. 1985. The role of dinoflagellate cysts in the biostratigraphical subdivision of the Jurassic System. Newsletters on Stratigraphy, 14: 96-109.

Riding, J. B., & Thomas, J. E. 1988. Dinoflagellate cyst stratigraphy of the Kimmeridge Clay (Upper Jurassic) from the Dorset Coast, southern England. Palynology, 12: 65-88.

Riding, J. B., Walton, W., & Shaw, D. 1991. Toarcian to Bathonian (Juras- sic) palynology of the Inner Hebrides, northwest Scotland. Palynology, 15: 115-179.

Riding, J. B., & Wright, J. K. 1989. Palynostratigraphy of the Scalby Formation (Middle Jurassic) of the Cleveland Basin, north-east Yorkshire. Proceedings of the Yorkshire Geological Society, 47: 349-354.

Riediger, C. L., Bustin, R. M., & Rouse, G. E. 1984. New evidence for the chronology of the Eurekan Orogeny from south-central Ellesmere Island. Canadian Journal of Earth Science, 21: 1286-1295.

Riegel, W. 1968. Die Mitteldevon-Flora von Lindlar (Rheinland), 2. *Sporae dispersae*. Palaeontographica B, 123: 76-96.

Riegel, W. 1973. Sporenformen aus den Heisdorf-Lauch, und Nohn-Schichten (Emsium und Eifelium) der Eifel, Rheinland. Palaeontographica B, 142: 78-104.

Riegel, W. 1974a. Phytoplankton from the Upper Emsian and Eifelian of the Rhineland, Germany - a preliminary report. Review of Palaeobotany and Palynology, 18: 29-39.

Riegel, W. 1974b. New forms of organic-walled microplankton from an Upper Cretaceous assemblage of southern Spain. Revista Española Micropaleontología, 6: 347-366.

Riegel, W. 1975. Die dispersen Sporen der Ems-, Eifel- und Givet-Stufe der Eifel (Rheinisches Schiefergebirge) und ihre stratigraphische und paläofloristische Bedeutung. Habilitationsschrift, Univ. Göttingen: 1-282.

Riegel, W. 1982. Palynological aspects of the Lower/Middle Devonian transition in the Eifel region. Cour. Forsch. Senckenberg, 55: 279-292.

Riegel, W., & Karathanasopolous, S. 1982. Palynological criteria for the Siegenian/Emsian transition in the Rhineland. Cour. Forsch. Senckenberg, 55: 199-206.

Riegel, W., & Sarjeant, W. A. S. 1982. Dinoflagellate cysts from the Upper Cretaceous of southern Spain: New morphological and taxonomic observations. N. Jb. Geol. Paläont., Abh., 162: 286-303.

Riegraf, W., Werner, G., & Lörcher, F. 1984. Der Posidonienscheifer. Biostratigraphie, Fauna und Fazies des südwestdeutschen Untertoarciums (Lias epsilon). Enke Verlag, Stuttgart: 1-195.

Rigby, J. F., & Hekel, H. 1977. Palynology of the Permian sequence in the Springsure Anticline, central Queensland. Publication of the Geological Survey of Queensland, 363: 1-76.

Righi, E. 1991. *Ampullula*, a new acritarch genus from the Ordovician (Arenig-Llanvirn) of øland, Sweden. Review of Palaeobotany and Palynology, 67: 119-126.

Riley, L. A. 1974. Miospores from the Upper Jurassic of Cabo Espichel, Portugal. In Silver Jubilee Symposium on Stratigraphic Palynology, Lucknow, 1971, Special Publication 3, Birbal Sahni Institute of Palaeobotany: 33-40.

Riley, L. A. 1979. Dinocysts from the Upper Kimmeridgian (*Pectinatus* Zone) of Marton, Yorkshire. Mercian Geologist, 7: 219-222.

Riley, L. A. 1980. Palynological evidence of an early Portlandian age for the uppermost Helmsdale Boulder Beds, Sutherland. Scottish Journal of Geology, 16: 29-31.

Riley, L. A., & Fenton, J. P. G. 1982. A dinocyst zonation for the Callovian to middle Oxfordian succession (Jurassic) of Northwest Europe. Palynology, 6: 193-202.

Riley, L. A., & Fenton, J. P. G. 1984. Palynostratigraphy of the Berriasian to Cenomanian sequence at Deep Sea Drilling Project Site 535, Leg 77, southeastern Gulf of Mexico. Initial Reports of the Deep Sea Drilling Project, 77: 675-690.

Riley, L. A., & Sarjeant, W. A. S. 1977. Age de quelques assemblages de dinoflagellés et acritarches du Kimméridgien (Jurassique supérieur) de Boullonais, Nord de la France. Revue de Micropaléontologie, 20: 49-52.

Rillett, M. H. P. 1954. Plant microfossils from the coal seams near Dannhauser, Natal. Transactions of the Geological Society of South Africa, 57: 27-37.

Rioult, M., & Levet-Carette, J. 1965. Microflore infraliasique du Cotentin. Ann. Soc. Géol. Nord, 85: 283-299.

Rivas Hernández, J. A. 2021. *Nigericolpites*: a replacement name for the illegitimate Maastrichtian magnoliopsid pollen genus *Clavatricolpites* Hoeken-Klink. (Angiospermae: Magnoliopsida). Grana, 60: 370-371.

Robardet, M., Henry, J. L., Nion, J., Paris, F., & Pillet, J. 1972. La Formation du Pont-de-Caen (Caradocien) dans les synclinaux de Domfront et de Sées (Normandie). Ann. Soc. Géol. Nord, 92: 117-137.

Robardet, M., & Taugourdeau, P. 1971. Aper‡cu sur les Chitinozoaires de l'Ordovicien et du Silurien du Cotentin (Normandie, France). Mém. Bur. Rech. Géol. Min., 73: 345-354.

Robaszynski, F., Alcaydé, G., Amédro, F., Badillet, G., Damotte, R., Foucher, J.-C., Jardiné, S., Legoux, O., Manivit, H., Monciardini, C., & Sornay, J. 1982. Le Turonien de la région-type: Saumurois et Touiraine. Stratigraphie, biozonations, sedimentology. Bull. Centres Rech. Explor.- Prod. Elf-Aquitaine, 6: 119-225.

Robbins, E. I., & Weems, R. E. 1988. Preliminary analysis of unusual palynomorphs from the Taylorsville and Deep Run Basins in the eastern Piedmont of Virginia. U. S. Geological Survey Bulletin 1776: 40-57.

Robbins, E. I., Wilkes, G. P., & Textoris, D. 1988. Coal deposits of the Newark rift system. In Manspeizer, W., ed., Triassic-Jurassic Rifting, Developments in Geotectonics, 22, B: 649-682.

Roberts, M. C., & Whitehead, D. R. 1984. The palynology of a nonmarine Neogene deposit in the Willamette Valley, Oregon. Review of Palaeobotany and Palynology, 41: 1-12.

Robertson, E. B. 1973. *Marsypiletes cretacea* gen. and sp. nov. from the Hell Creek Formation (Maestrichtian), Montana, USA. Pollen et Spores, 15: 511-514.

Robertson, E. B., & Elsik, W. C. 1978. *Marsypiletes* Robertson 1973 emend., an index angiosperm pollen from the Maestrichtian of western North America. Palaeontographica B, 165: 85-88.

Rocha, P. F., Rocha da Silveira, R. & de Mendonça Barbosa, R. C. 2019. Age and palaeoenvironments of the Manacapuru Formation, Presidente Figueiredo (AM) region, Lochkovian of the Amazonas Basin. Brazilian Journal of Geology, 49: 1-12.

Rocha-Campos, A. C., & Rösler, O. 1978. Late Paleozoic faunal and floral successions in the Paraná Basin, southeastern Brazil. Bol. Inst. Geociênc., Univ. Sao Paulo, 9: 1-16.

Rocha-Campos, A. C., & Sundaram, D. 1981. Geological and palynological observations on Late Paleozoic varvites from the Itarar‚ Subroup, Paraná Basin. An. 2nd. Cong. Latinoamer. Paleont., 1: 257-275.

Rocha da Silveira, R. & Alves de Souza, P. 2015. Palinologia (grãos de pólen de angiospermas) das Formações Solimões e Içá (Bacia do Solimões), nas regiões de Coari e Alto Solimões, Amazonas. Rev. bras. paleontol. 18: 455-474.

Roche, E. 1964. Sporomorphes palécènes des lignites du sondage de Loksbergen. Bull. Soc. Belge Géol., 73: 423-457.

Roche, E. 1968. Espèces nouvelles des spores et pollens du Landénien supérieur de Belgique (Sondage de Kallo). Bull. Soc. belge Géol., Paléont. Hydrol., 76: 145-165.

Roche, E. 1969. étude palynologique de sédiments du Montien continentale et du Landénien supérieur en Hainaut. Soc. Belge Géol., Paléont. Hydrol. Bull. 78: 131-146.

Roche, E. 1970. Flores du Paléocène et de l'éocène inférieur des Bassins Sédimentaires Anglais, Belge et Parisien. Intérêt climatique et phytogéographique. Assoc. Nat. Prof. Biol. Belg., 16: 109-134.

Roche, E. 1972. Le Landénien ligniteux (L2) du sondage de Budingen étude palynologique. Bull. Soc. belge Géol. Paléont. Hydrol., 81: 183-189.

Roche, E. 1973a. étude des sporomorphs du Landénien de Belgique et de quelques gisements du Sparnacien français. Belg. Serv. Géol. Mém., 13: 13-121.

Roche, E. 1973b. Marqueurs stratigraphiques (pollen et spores) du Paléocène et de l'Eocène inférieur de Belgique. Acad. Roy. Belg. Bull. Cl. Sci., 59: 956-969.

Roche, E. 1973c. étude palynologique des couches yprésiennes du sondage de Kallo. Soc. Belge Géol. Paléont. Hydrol., 82: 487-495.

Roche, E. 1978. Analyse sporopollinique de dépôts oligocènes à Waasmunster. Min. Aff. écon. Prof. Pap. 156: 1-23.

Roche, E. 1982. étude palynologique (pollen et spores) de l'éocène de Belgique. Service Géologique de Belgique, Professional Paper, 193: 1-60.

Roche, E. 1983. Les Normapolles du Paléocène et de l'éocène de Belgique. Stratigraphie et paléoécologie. Physio-Géo, Paris, 6: 13-26.

Roche, E. 1990. Sporopollinic biostratigraphy and Ypresian paleoenvironment. Bull. soc. belge Géol., 97: 373-383.

Roche, E., & Schuler, M. 1976. Analyse palynologique (pollens et spores) de divers gisements du Tongrien de Belgique. Service Géologique de Belgique, Professional Paper, 11: 1-58.

Roche, E., & Schuler, M. 1979. Palynological analysis of the Boom Clay (Belgium). Service Géologique de Belgique, Professional Paper, 7(163): 1-20.

Roche, E., & Schuler, M. 1980. étude palynologique du "Complexe de Kallo". Prof. Pap. Minist. Aff. con. Adm. Mines, Serv. Géol. Belg., 178: 1-13.

Roche, E., & Schumacker, J. 1973. étude palynologique (pollen et spores) des marnes à empreintes de Gelinden (Paléocène, Belgique). Ann. Soc. Géol. Belg., 96: 413-433.

Roche, M., Sabir, M., Steemans, P., & Vanguestaine, M. 1986. Palynologie de la région et du sondage de Willerjie. Aarkundige Mededelingen, 3: 149-190.

Rochon, A., Mudie, P. J., Aksu, A. E., & Gillespie, H. 2002. *Pterocysta* gen. nov.: A new dinoflagellate cyst from Pleistocene glacial-stage sediments of the Black and Marmara Seas. Palynology, 26: 95-105,

Rodrigues, R., Loboziak, S., Melo, J. H. G. de, & Alves, D. B. 1995. Geochemical characterization and miospore biochronostratigraphy of the Frasnian anoxic event in the Parnaíba Basin, northeast Brazil. Bull. Centr Rech. Expl.-Prod. Elf-Aquitaine, 19: 319-327.

Rodríguez, R. M. 1978a. Mioesporas de la Formación San Pedro/Furada (Silúrico superior-Devónico inferior), Cordillera Cantábrica, N. O. de España. Palinológia, 1: 407-434.

Rodríguez, R. M. 1978b. Miospores de la Formation San Pedro (Silurien- Dévonien) à Corniero (Province de Léon, Espagne). Revue de Micropaléontogie, 20(1977): 216-221.

Rodríguez, R. M. 1978c. Nuevas mioesporas de la Formación San Pedro en Geras de Gordon, Cordillera Cantabrica (Provincia de Léon, noroeste de España. Breviora Geologica Asturica, 22: 9-16.

Rodríguez, R. M. 1983. Palinología de las Formaciones del Silúrico superior-Devónico inferior de la Cordillera Cantabrica. Servicio de Publicaciones, Univ. de Léon: 1-231.

Rodríguez-Forero, G., de la Parra Bonilla, S., Vargas Fúquene, M.-C., & Bedoya-Martínez, O.-G. 2017. Palynology of the Aguardiente and Lower Capacho Formations, Catatumbo Basin, Colombia. Ciencia, Tecnología y Futuro, 7: 31-42.

Rogalska, M. 1962. Spore and pollen grain analysis of Jurassic sediments in the northern part of the Cracow-Wielun Cuesta. Inst. Geol. Prace Polska, 30: 495-507. (In Polish with English summary)

Rogalska, M. 1971. Division of the Liassic deposits in Poland (except for the Carpathian area) based on microscope examinations. Colloque de Jurassique, Luxembourg 1967, Mém. B.R.G.M. Fr., 74: 201-210.

Rogalska, M. 1976. Stratygrafia jury dolnej i srodkowej na Obszarze Niza Polskiego ma badan sporowo-pylkowych. Pol. Inst. Geol., Prace, 78: 1-43.

Rogalska, M. 1980. Middle Jurassic microflora. In Malinowska et al., eds., Budowa geol Polski: Atlas skamienialosci Przewodnich i charakterystycznych, 3: 255-285.

Rogalska, M., & Marcinkiewicz, T. 1980. Lower Jurassic microflora. In Malinowska et al., eds., Budowa geol Polski: Atlas skamienialosci Przewodnich i charakterystycznych, 3: 52-97.

Rogers, R. 1987. A palynological age determination for the Dorcheat and Hosston Formations, the Jurassic-Cretaceous boundary in northern Lousiana. 37th Annual Gulf Coast Association of Geological Societies Meeting. Transactions, 37: 447-456.

Roghi, G., Kustatcher, E., Bernardi, M., Dal Corso, J., Forte, G., Franz, M., Hochuli, P., Krainer, K., Petti, F. M., Ragazzi, E., Riva, A., Wappler, T. & Gianola, P. 2014. Field trip to Permo-Triassic Palaeobotanical and Palynological sites of the Southern Alps. Geo. Alp., 11: 29-84.

Rojo, L. D. & Zavattieri, A. M. 2005. Estudio microflorístico de las formaciones Potrerillos y Cacheuta (Triásico) en el sur del cerro Cacheuta, Mendoza, Argentina. Parte 1. Ameghiniana, 42: 3-20.

Romanovskaya, G. M. 1962. Triassic, Lower and Middle Jurassic spore and pollen complexes of western Kazakhstan. Pollen et Spores, 4: 373-374. (abstract)

Romanovskaya, G. M. 1963. Spores and pollen of new species of Mesozoic plants in the Turgay Valley. Paleont. Zhur., 1963, 1: 127-136 (In Russian).

Romans, R. C. 1972. Schizaeaceous fern spores from the Cretaceous of Arizona. Arizona Academy of Science, 7: 120-123.

Romans, R. C. 1975. Palynology of some Upper Cretaceous coals of Black Mesa, Arizona. Pollen et Spores, 17: 273-329.

Romero, E. J. 1973. Polen fosil de *Nothofagus* (*Nothofagidites*) del Cretaci y Paleoceno de Patagonia. Rev. Mus. la Plata, Paleont., 7: 291-303.

Romero, E. J. 1977. Polen de gimnospermas y fagáceas de la Fomación Río Turbo (Eoceno), Santa Cruz, Argentina. Unidad de Paleobotánica y Palinología, Centro de Investaciones en Recursos Geológicos, Buenos Aires: 1-219.

Romero, E. J., & Castro, M. T. 1986. Material fungico y granos de polen de angiospermas de la Formación Río Turbo (Eoceno), Provincia de Santa Cruz, República Argentina. Ameghiniana, 23: 101-118.

Romero, E. J., & Zamaloa, M. C. 1985. Polen de Angiospermas de la Formación Río Turbo (Eoceno), Provincia de Santa Cruz, Rep. Argentina. Ameghinana, 22: 43-51.

Roncaglia, L. 2000: A new dinoflagellate species from the Upper Cretaceous of New Zealand — a morphological intermediate between three genera. Alcheringa, 24: 135–146.

Roncaglia, L. 2002. Lower Maastrichtian dinoflagellates from the Viano Clay Formation at Viano, northern Apennines, Italy. Cretaceous Research, 23: 65-76.

Roncaglia, L. & Corradini, D. 1997: Correlation of key dinoflagellate events with calcareous nannoplankton and planktonic foraminiferal zones in the Solignano Formation (Maastrichtian, Late Cretaceous) northern Apennines, Italy. Review of Palaeobotany and Palynology, 97: 177–196.

Roncaglia, L., Field, B. D., Raine, J. I., Schiíler, P., & Wilson, G. J. 1999. Dinoflagellate biostratigraphy of Piripauan-Haumurian (Upper Cretaceous) sections from northeast South Island, New Zealand. Cretaceous Research, 20: 271-314.

Roncaglia, L., & Schiøler, P. 1999. *Alterbidinium austrinum* Roncaglia et Schiøler, sp. nov., a new dinoflagellate from the Conway Siltstone (Upper Cretaceous) southern Marlborough, New Zealand. Review of Palaeobotany and Palynology, 106: 121-129.

Ross, N.-E. 1949. On a Cretaceous pollen and spore bearing clay of Scania. Bull. Geol. Inst. Uppsala, 34: 25-43.

Rossignol, M. 1962. Analyse pollinique de sédiments marins quaternaires en Israël, II. Sédiments pleistocènes. Pollen et Spores, 4: 121-148.

Rossignol, M. 1963. Aper‡us sur le développement des hystrichosphères. Bull. Mus. Nat. Hist. Nat. Paris, sèr. 2, 35: 207-212.

Rossignol, M. 1964. Hystrichosphères du Quaternaire en Méditerranée orientale, dans les sédiments Pl‚istocènes et les boues marines actuelles. Rev. Micropaléont., 7: 83-99.

Rotman, R. N. 1971. Spore-pollen complex of Danish Stage deposits of Bakhchisarai district of the Crimea. In Problems of Palynology, 3rd Int. Palyn. Conf.: 117-124.

Rotman, R. N. 1979. Palynological characteristics of the Upper Cretaceous and Paleogene boundary of Crimea. In Palynological Characteristics of Stratigraphic Boundaries of the Mesozoic and Paleogene in the Ukraine and Moldavia. Acad. Sci., Kiev, 79: 37-49.

Rouse, G. E. 1957. The application of a new nomenclatural approach to Upper Cretaceous plant microfossils from Western Canada. Canadian Journal of Botany, 35: 349-375.

Rouse, G. E. 1959. Plant microfossils from Kootenay coal-measures strata of British Columbia. Micropaleontology, 5: 303-324.

Rouse, G. E. 1962. Plant microfossils from the Burrard Formation of western British Columbia. Micropaleontology, 8: 187-218.

Rouse, G. E. 1977. Paleogene palynomorph ranges in western and northern Canada. American Association of Stratigraphic Palynologists Contribution Series, 5A: 48-65.

Rouse, G. E., Hopkins, W. S., Jr., & Piel, K. M. 1971. Palynology of some Late Cretaceous and Early Tertiary deposits in British Columbia and adjacent Alberta. Geological Society of America Special Paper 127: 213-246.

Rouse, G. E., Lesack, K. A., & White, J. M. 1990. Palynology of Cretaceous and Tertiary strata of Georgia Basin, southwestern British Columbia.

Rouse, G. E., & Mathews, W. H. 1979. Tertiary geology and palynology of the Quesnel area, British Columbia. Bulletin of Canadian Petroleum Geology, 27: 418-445.

Rouse, G. E., & Mathews, W. H. 1988. Palynology and geochronology of Eocene beds from the Cheslatta Falls and Nazko areas, central British Columbia. Canadian Journal of Earth Science, 25: 1268-1276.

Rouse, G. E., & Mustard, P. S. 1997. Nomenclatural note and corrections. Palynology, 21: 207-208.

Rouse, G. E., & Srivastava, S. K. 1970. Detailed morphology, taxonomy and distribution of *Pistillipollenites mcgregorii*. Canadian Journal of Botany, 48: 287-292.

Rouse, G. E., & Srivastava, S. K. 1972. Palynological zonation of Cretaceous and Early Tertiary rocks of the Bonnet Plume Formation, northeastern Yukon, Canada. Canadian Journal of Earth Science, 9: 1163-1179.

Rousseau, A. 1935. étude de quelques types de spores du Westphalien inférieur. Bull. Mus. roy. Hist. nat. Belg., 11: 1-6.

Royse, F., Jr. 1981. Use of palynology in oil and gas exploration of the Wyoming-northern Utah-eastern Idaho Thrust Belt. Palynology, 5: 242-243 (Abstract).

Rozen, B. 1965. Contribution à l'étude des Hystrichosphères et Dinoflagellés du Bartonien belge. Soc. Belg. Géol. Paléont. Hydrol., Bull. 73: 283-318.

Rubinstein, C. V. 1989. Acritarcos del Silúrico superior del Valle de Río Jachal, Provincia de San Juan, República Argentina, parte 1: Subgrupos Acanthomorphitae y Sphaeromorphitae. Rev. Esp. Micropaleont., 21: 449-476.

Rubinstein, C. V. 1990. Acritarcos del Silúrico superior del Valle de Río Jachal, Provincia de San Juan, República Argentina. Subgrupos: Prismatomorphitae, Pteromorphitae y acritarcos de ubicacion incierta. Ameghiniana, 27: 95-106.

Rubinstein, C. V. 1992. Palinología del Silúrico superior (Formación Los Espejos) de la Quebrada de las Aguaditas, Precordillera de San Juan, Argentina. Ameghiniana, 29: 231-248.

Rubinstein, C. V. 1995. Acritarchs from the Upper Silurian of Argentina: their relationship with Gondwana. Journal of South American Earth Sciences, 8: 100-115.

Rubinstein, C. V. 1997. Tremadocian acritarchs from northwestern Argentina. Review of Palaeobotany and Palynology, 98: 41-45.

Rubinstein, C. V. 2005. Ordovician to Lower Silurian palynomorphs from the Sierras subandinas (Subandean ranges), northwestern Argentina: a preliminary report. Carnets de Géologie, Memoir 2005/02: 51-56.

Rubinstein, C. V. & Brussa, E. D. 1999. A palynomorph and graptolite biostratigraphy of the Central Precordillera Silurian Basin, Argentina. Boll. Soc. Paleont. Italiana, 38: 257-266.

Rubinstein, C. V., Gerrienne, P., De la Puente, G. S., Astini, R. A. & Steemans, P. 2010. Early Middle Ordovician evidence for land plants in Argentina (eastern Gondwana). New Phytologist,188: 365-369.

Rubinstein, C. V., Mangano, M. G. & Buatois, L. A. 2003. Late Cambrian acritarchs from the Santa Rosita Formation: Implications for the Cambrian-Ordovician boundary in the Eastern Cordillera, northwest Argentina. Revista Brasileira de Paleontologia, 6: 43-48.

Rubinstein, C. V., Melo, J. H. G. & Steemans, P. 2005. Lochkovian (earliest Devonian) miospores from the Solimoes Basin, northwestern Brazil. Review of Palaeobotany and Palynology, 133: 91-113.

Rubinstein, C. V., Petus, E., & Niemeyer, H. 2017. Palynostratigraphy of the Zorritas Formation, Antofagasta region, Chile: Insights on the Devonian/Carboniferous boundary in western Gondwana. Geoscience Frontiers, 8: 493-506.

Rubinstein, C. V., & Steemans, P. 2002. Miospore assemblages from the Silurian-Devonian boundary, in borehole A1-61, Ghadamis Basin, Libya. Review of Palaeobotany and Palynology, 118: 397-421.

Rubinstein, C. V., & Steemans, P. 2007. New palynological data from the Devonian Villavicencio Formation, Precordillera of Mendoza, Argentina. Ameghiniana, 44: 3-9.

Rubinstein, C. V., & Toro, B. A. 2001. Review of acritarch biostratigraphy in the Arenig of the Eastern Cordillera, Northwestern Argentina: New data and calibration with the graptolite zonation. Contr. Geol. Palaeont. Gondwana in Honour of Helmut Wopener: 421-439.

Rubinstein, C. V., Toro, B. A., & Waisfeld, B. G. 1999. Acritarch biostratigraphy of the upper Tremadoc-Arenig of the Eastern Cordillera, north-western Argintina: relationships with graptolite and trilobite faunas. Boll. Soc. Paleont. Italiana, 38: 267-286.

Rubinstein, C. V. & Vaccari, N. E. 2004. Cryptospore assemblages from the Ordovician/Silurian boundary in the Puna region, north-west Argentina. Palaeontology, 47: 1037-1061.

Rubinstein, C. V., Vecoli, M. & Astini, R. A. 2011. Biostratigraphy and palaeoenvironmental characterization of the Middle Ordovician from the Sierras Subandinas (NW Argentina) based on organic-walled microfossils and sequence stratigraphy. Journal of South American Earth Sciences, 31: 124-138.

Ruckwied, K. & Götz, A. E. 2009. Climate change at the Triassic/Jurassic boundary: palynological evidence from the Furkaska section (Tatra Mountains, Slovakia). Geologica Carpatica, 60: 139-149.

Ruckwied, K., Götz, A. E., Palty, J. & Torok, A. 2008. Palynology of a terrestrial coal-bearing series across the Triassic/Jurassic boundary (Mecsek Mts, Hungary). Central European Geology, 51: 1-15.

Rudavskaya, V. A., & Vasileva, N. J. 1984. The first finds of Lükati acritarchs in the Lower Cambrian Tshukorovsk section of eastern Siberia. Doklady Akademii Nauk SSSR, 274: 1454-1456 (In Russian).

Rudolph, K. 1935. Mikrofloristische Untersuchung tertiär Ablagerungen im nördlichen Böhmen. Beih. Bot. Cbl, B. LVI, 54:

Rueger, B. F. 1996. Palynology and Its Relationship to Climatically Induced Depositional Cycles in the Middle Pennsylvanian (Desmoinesian) Paradox Formation of Southeastern Utah. U.S. Geological Survey Bulletin 2000-K1-K22.

Ruffo Rey, L. J. 2021. New palynological data of the Cerro de las Cabras Formation (Middle Triassic) at its type locality, Mendoza, Argentina. Biostratigraphic and phytogeographic implications. Ameghiniana, 58: 181-206.

Ruiz, L. C., & Quattrocchio, M. E. 1997a. Estudio palinológico de la Formación Pedro Luno (?Maastrichtiano-Paleoceno) en la Cuenca del Colorado, República Argentina. Revista Española de Micropaleontología, 29: 13-29.

Ruiz, L. C., & Quattrocchio, M. E. 1997b. Estudio palinológico de la Formación Pedro Luno (?Maastrichtiano-Paleoceno) en la Cuenca del Colorado, República Argentina. Parte 2: Turma Saccites, Plicates, Poroses e *Incertae sedis*. Revista Española de Micropaleontología, 29: 115-137.

Rull, V. 1997a. Sequence analysis of western Venezuelan Cretaceous to Eocene sediments using palynology: chrono-paleoenvironmental and paleo- vegetational approaches. Palynology, 21: 79-90.

Rull, V. 1997b. Oligo-Miocene palynology of the Rio Chama Sequence (western Venezuela), with comments on fossil algae as paleoenvironmental indicators. Palynology, 21: 213-229.

Rull, V. 1998. Middle Eocene Mangroves and Vegetation Changes in the Maracaibo Basin, Venezuela. Palaios, 13: 287-296.

Rull, V. 2001. A quantitative palynological record from the early Miocene of western Venezuela, with emphasis on mangroves. Palynology, 25: 109-126.

Rull, V. 2003a. Contributions of quantitative ecological methods to the interpretation of stratigraphically homogeneous pre-Quaternary sediments: a palynological example from the Oligocene of Venezuela. Palynology, 27: 75-98.

Rull, V. 2003b. An illustrated key for the identification of pollen from the Pantepui and the Gran Sabana (eastern Venezuelan Guyana). Palynology, 27: 99-33.

Rusbült, J., & Strauss, C. 1992. Mikrofossilien des Unter- und Mittel-miozän in der Braunkohlenbohrung Lübtheen 46/84 (südwest-Mecklenburg). N. Jb. Geol. Paläont., Mh. 1992, H. 3: 150-170.

Russell, D. A., & Singh, C. 1978. The Cretaceous-Tertiary boundary in south-central Alberta - a reappraisal based on dinosaurs and microfloral extinctions. Canadian Journal of Earth Sciences, 15: 284-292.

Russo, A., Archangelsky, S., & Gamerro, J. C. 1980. Los depositos supra-paleozóicos en el subsuelo de la Llanura Chaco-Pampeana, Argentina. Actas 2ø Cong. Arg. Paleont. Bioestrat., 1st Cong. Latinoamer. Paleont., Buenos Aires, 4: 157-173.

Russo Ermolli, E. 1991. Datation palynologique de gisements tertiaires de l'Entre-Sambre-et-Meuse. Serv. Géol. Belgique Professional Paper 1991/1(245): 1-40, 5 pls.

Rutherford, M. M., & Ainsworth, N. R. 1989. Micropalaeontological and stratigraphical recognition of the Triassic-Jurassic boundary in the North Celtic Sea and Fastnet Basins. In Batten, D. C., & Keen, M. C., eds., Northwest European Micropalaeontology and Palynology: 44-69.

Ryan, R.J. & Boehner, R. C. 1994. Geology of the Cumberland Basin, Cumberland, Colchester and Pictou Counties, Nova Scotia. Department of Mines and Energy,Nova Scotia.Mineral Resources Division,Memoir, 10: 1-222.

Ryder, R. T., & Ames, H. T. 1970. Palynology and age of the Beaverhead Formation and their paleotectonic implications on Lima region, Montana-Idaho. American Association of Petroleum Geologists Bulletin, 54: 1155-1171.