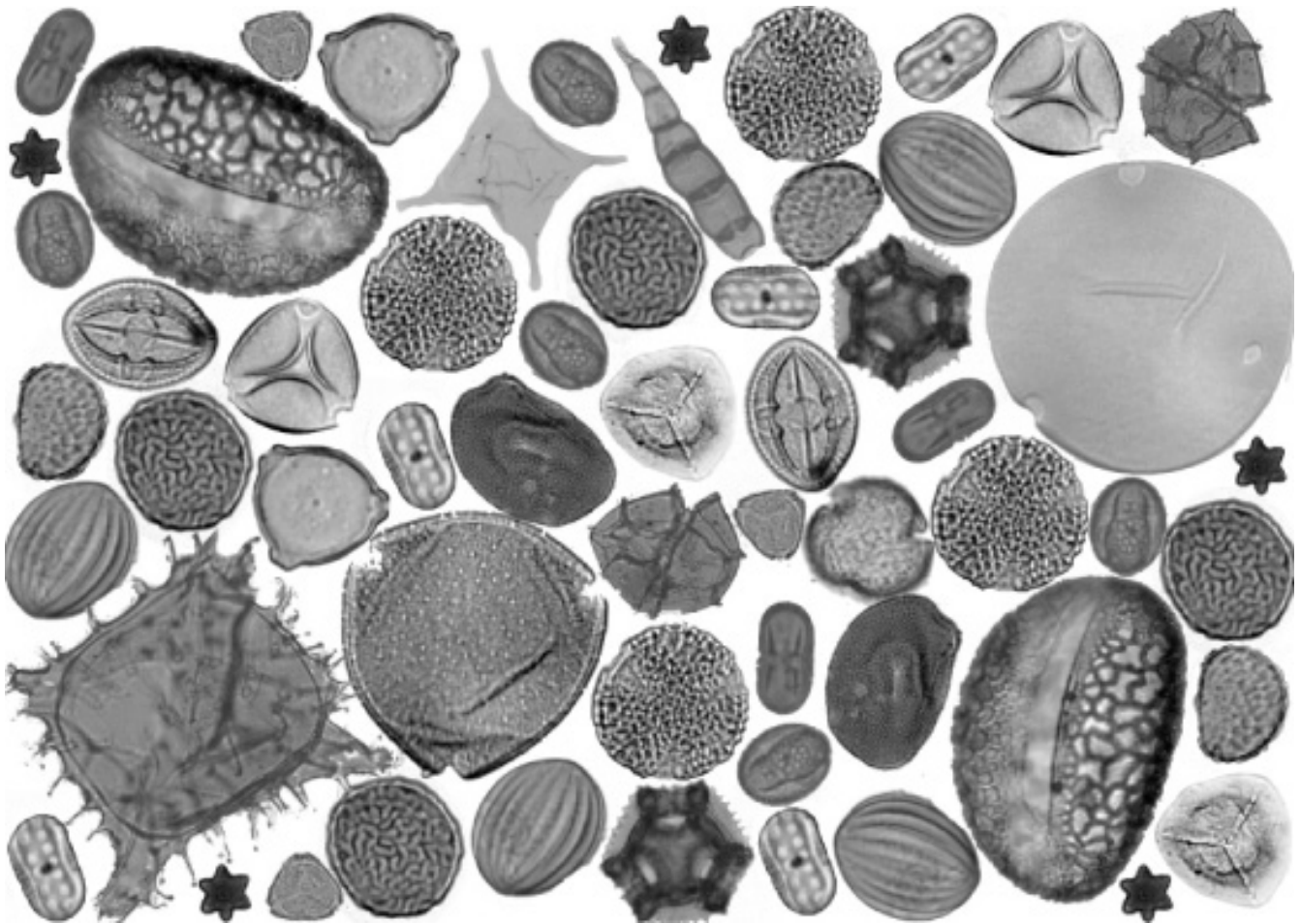




# AASP – The Palynological Society

Promoting the Scientific Understanding of Palynology since 1967



# NEWSLETTER

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# AASP – TPS NEWSLETTER

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# Professor David J. Batten (1943–2019): list of postdocs/research fellows, research students, and publications



By Martin J. Head, Brock University

## Postgraduate/doctoral research fellows/associates

Dr Li Wenben, Chinese Academy of Sciences, Nanjing, China (1983–85);

Dr Michael Sandy, Aberdeen (1984–86);

Dr Warren L. Kovach, NATO Postdoctoral Fellow (1987–88) and research assistant (1989) in Aberdeen; research associate in Aberystwyth (1990–92);

Dr Eva B. Koppelhus, Geological Survey of Denmark (1990–91);

Dr Ana Maria Zavattieri, CONICET, CRICYT-PRIPBA, Mendoza, Argentina (1993–95);

Dr Rita Dutta, University of Wales, Aberystwyth (1995);

Mr Li Jianguo, Chinese Academy of Sciences, Nanjing, China (2003–04);

Ms France Polette, University of Rennes (2015–16).

## Research students (source of funding in brackets after title of project)

Brown, L.M. MSc, 1980. Dinoflagellate cyst biostratigraphy of the Hauterivian to Barremian

boundary beds at Speeton, east Yorkshire. (Robertson Research International).

Barker, F.L. MSc, 1981. Stratigraphic distribution of the miospore genus *Trilobosporites* in the Lower Cretaceous of southern England. (Manpower Services Commission).

Burnhill, T.J. PhD, 1982. Mid-Cretaceous stratigraphy and micropalaeontology of the central North Sea. (British Petroleum plc.).

Marshall, K.L. PhD, 1983. Dinoflagellate cysts from the Cenomanian, Turonian and Coniacian of Germany and England. (NERC).

Partington, M.A. PhD, 1983. The stratigraphy, distribution and phylogeny of some Lower Cretaceous Circumpolles from southern England. (NERC).

Tocher, B.A. PhD, 1984. Palynostratigraphy of uppermost Albian to basal Coniacian (Cretaceous) sediments of the western Anglo-Paris Basin. (City of London Polytechnic; with co-supervisor T. Kilenyi, CLP).

Ewen, D.F. MSc, 1985. Palynological investigation of the Upper Delfland and Fourteen's Clay Formations of three wells in the Q/1 Block of the Dutch Sector, North Sea Basin. (Unocal).

MacLennan, A.M. PhD, 1985. Biostratigraphic and palynofacies analysis of selected Lower Cretaceous sections from Portugal. (NERC).

Barron, H.F. MSc, 1986. Dinoflagellate cyst biostratigraphy and palynofacies analysis of the Upper Jurassic strata at Helmsdale, N.E. Sutherland. (Robertson Research International).

Cutts, R. MSc, 1987. Middle Jurassic palynology of the Brora Outlier, Sutherland. (Robertson Research International).

Lister, J.K. MSc, 1987. Palynology of the Cretaceous (Barremian-Aptian) sequence in the Hurlands Farm Borehole, West Sussex. (Self-financing).

Mellanby, F. MSc, 1987. Ostracod assemblages as indicators of salinity in the Upper Jurassic and Lower Cretaceous of southern England. (Self-financing).

Uwins, P.J.R. PhD, 1987. Early to mid-Cretaceous palynology of the Cyrenaica Basin, Northeast Libya. (Jersey Education Authority).

Farr, K.M. PhD, 1988. Palynomorph and palynodebris distributions in modern estuarine sediments. (NERC).

Head, M.J. PhD, 1990. Dinoflagellate cysts and other marine palynomorphs from lower Eocene through lower Pliocene sediments of the Labrador Sea and Baffin Bay. (NERC).

Dutta, R.J. PhD, 1994. Ultrastructure of Mesozoic spores and pollen. (NERC).

Chryssi, M. PhD, 1996. Palynology of Early Tertiary sections in NW Germany. (Republic of Greece, State Scholarships Foundation).

Harris, A.J. PhD, 1997. Palynology of Cenomanian–Turonian successions in the Western Interior of the USA (AASP Consortium; with co-supervisor B.A. Tocher).

Prince, I.M. PhD, 1997. Palynology of the Upper Cretaceous succession of the Anglo-Paris Basin. (AASP Consortium; with co-supervisor B.A. Tocher).

Lydon, S.J. PhD, 2000. Distribution of dispersed

plant cuticles in the English Wealden with systematic revision of the Ginkgoales and allied gymnosperms (NERC; with co-supervisor J. Watson, University of Manchester).

Li Jianguo, PhD, 2004. Palynology of Late Cretaceous – Early Miocene sediments of the southern margin of the Laurasian continent in Xigaze, Xizang (Tibet). (Chinese Academy of Sciences; with co-supervisors Zhou Zhiyan, Zhang Yiyong of Nanjing Institute of Geology and Palaeontology, Chinese Academy of Sciences and M. Banerjee of University of Calcutta).

Lukaye, J. MPhil, 2007. Biostratigraphy and palynofacies of four petroleum exploration wells from the Albertine Graben, Uganda (Dept. of Petroleum Exploration and Production, Ministry of Energy and Mineral Development, Uganda; with co-supervisor D. Stead, Wellstrat Services Ltd)

Polette, F., PhD candidate 2016 to date. French Cretaceous palynology. (University of Rennes, France; with co-supervisor D. Néraudeau, University of Rennes).

## **Students who graduated from the University of Wales, Aberystwyth with an MSc in palynology**

1991: D.T. Stead, P.D. Roberts

1992: M.A. Brimble, P.S. Dibble, C.J. Matthews, V. Persson, P. Winrow

1993: S.P. Murphy, C.J. Payne, J.D. Rees

1994: R.C. Chiverrell, R.J. Coates, F. Henschley, R.C. McGee, D. Patterson

## Refereed papers and chapters in books

1. Batten, D.J. 1968. Probable dispersed spores of Cretaceous *Equisetites*. *Palaeontology* 11, 633–642, pl. 123.
2. Batten, D.J. 1969. Some British Wealden megaspores and their facies distribution. *Palaeontology* 12, 333–350, pls 62–67.
3. Batten, D.J. 1972. Recognition of the facies of palynologic assemblages as a basis for improved stratigraphic correlation. Proceedings of the 24th International Geological Congress, Montreal (1972) 7, 367–374.
4. Batten, D.J. 1973. Use of palynologic assemblage-types in Wealden correlation. *Palaeontology* 16, 1–40.
5. Batten, D.J. 1973. Recognition of the facies of British Early Cretaceous palynomorph assemblages for stratigraphic purposes. In *Palynology of the Mesophyte*, Chlonova, A.F. (ed.). Proceedings of the 3rd International Palynological Conference, Novosibirsk 1971. Publishing House "Nauka", Moscow, 127–131.
6. Batten, D.J. 1973. Palynology of Early Cretaceous soil beds and associated strata. *Palaeontology* 16, 399–424.
7. Batten, D.J. 1975. Wealden palaeoecology from the distribution of plant fossils. Proceedings of the Geologists' Association 85 (for 1974), 433–458, pl. 13.
8. Batten, D.J. 1977. Wealden of the Weald – a new model: written discussion of a paper previously published. Proceedings of the Geologists' Association 87 (for 1976), 431–433.
9. Batten, D.J. 1978. Early Cretaceous to Middle Jurassic miospores and palynofacies of the Northwest European continental shelf. In *Distribution of biostratigraphically diagnostic dinoflagellate cysts and miospores from the Northwest European continental shelf*, Thusu, B. (ed.). Continental Shelf Institute, Publication 100, 97–101.
10. Lock, B.E., Pickton, C.A.G., Smith, D.G., Batten, D.J. & Harland, W.B. 1978. The geology of Edgøya and Barentsøya, Svalbard. *Skrifter, Norsk Polarinstitut* 168, 64 pp.
11. Batten, D.J. 1979. Miospores and other acid-resistant microfossils from the Aptian/Albian of Holes 400A and 402A, DSDP-IPOD Leg 48, Bay of Biscay. Initial Reports of the Deep Sea Drilling Project 48, 579–587.
12. Batten, D.J. 1980. Aptian and Albian palynomorph assemblages from southern England. Proceedings of the 4th International Palynological Conference, Lucknow (1976–77) 2, 403–408, pl. 1.
13. Batten, D.J. 1980. Use of transmitted light microscopy of sedimentary organic matter for evaluation of hydrocarbon source potential. Proceedings of the 4th International Palynological Conference, Lucknow (1976–77) 2, 589–594.
14. Batten, D.J. 1981. Palynofacies, organic maturation and source potential for petroleum. In *Organic maturation studies and fossil fuel exploration*, Brooks, J. (ed.). Academic Press, London, 201–223.
15. Batten, D.J. 1981. Stratigraphic, palaeogeographic and evolutionary significance of Late Cretaceous and early Tertiary Normapolles pollen. Review of *Palaeobotany and Palynology* 35, 125–137.
16. Batten, D.J. & Christopher, R.A. 1981. Key to the recognition of Normapolles and some morphologically similar pollen genera. Review of *Palaeobotany and Palynology* 35, 359–383.
17. Batten, D.J., Brown, P.E., Dawes, P.R., Higgins, A.K., Koch, B.E., Parsons, I. & Soper, N.J. 1981. Peralkaline volcanicity on the Eurasia Basin margin. *Nature* 294, 150–152.
18. Batten, D.J. 1982. Note on the European-

Turanian part of the Normapolles Province. *Review of Palaeobotany and Palynology* 36, 379–380.

**19.** Batten, D.J. 1982. Palynofacies and salinity in the Purbeck and Wealden of southern England. In *Aspects of micropalaeontology*, Banner, F.T. & Lord, A.R. (eds). George Allen & Unwin, London, 278–308.

**20.** Batten, D.J. 1982. Palynofacies, palaeoenvironments and petroleum. *Journal of Micropalaeontology* 1, 107–114.

**21.** Batten, D.J. 1982. Palynology of shales associated with the Kap Washington Group volcanics, central North Greenland. *Grønlands Geologiske Undersøgelse, Rapport 108*, 15–23.

**22.** Batten, D.J. 1983. Identification of amorphous sedimentary organic matter by transmitted light microscopy. In *Petroleum geochemistry and exploration of Europe*, Brooks, J. (ed.). Geological Society, London, Special Publication 11, 275–287.

**23.** Batten, D.J. & Morrison, L. 1983. Methods of palynological preparation for palaeoenvironmental, source potential and organic maturation studies. In *Palynology – micropalaeontology: laboratories, equipment and methods*, Costa, L.I. (ed.). Norwegian Petroleum Directorate, Bulletin 2, 35–53.

**24.** Gaupp, R. & Batten, D.J. 1983. Depositional setting of middle to Upper Cretaceous sediments in the Northern Calcareous Alps from palynological evidence. *Neues Jahrbuch für Geologie und Paläontologie, Monatshefte* 1983, 585–600.

**25.** Batten, D.J. 1984. Palynology, climate, and the development of Late Cretaceous floral provinces in the Northern Hemisphere; a review. In *Fossils and climate*, Brenchley, P.J. (ed.). Geological Journal, Special Issue 11, 127–164.

**26.** Batten, D.J. 1984. Fossil plant remains and

North Sea oil and gas. *Deeside Field* 18, 52–56.

**27.** Batten, D.J. 1984. Geological reasons for the success of petroleum exploration in the UK offshore. *Deeside Field* 18, 124–125.

**28.** Batten, D.J. & MacLennan, A.M. 1984. The paleoenvironmental significance of the conifer family Cheirolepidiaceae in the Cretaceous of Portugal. In *Third Symposium on Mesozoic Terrestrial Ecosystems; short papers*, Reif, W.-E. & Westphal, F. (eds). ATTEMPTO Verlag, Tübingen, 7–12.

**29.** Batten, D.J., Creber, G.T. & Zhou Zhiyan 1984. Fossil plants and other organic debris in Cretaceous sediments from Deep Sea Drilling Project Leg 80: their paleoenvironmental significance and source potential. *Initial Reports of the Deep Sea Drilling Project* 80, 629–641.

**30.** Sladen, C.P. & Batten, D.J. 1984. Source-area environments of Late Jurassic and Early Cretaceous sediments in Southeast England. *Proceedings of the Geologists' Association* 95, 149–163.

**31.** Batten, D.J. 1985. Coccolith moulds in sedimentary organic matter and their use in palynofacies analysis. *Journal of Micropalaeontology* 4 (2), 111–116.

**32.** Batten, D.J. 1985. Two new dinoflagellate cyst genera from the non-marine Lower Cretaceous of Southeast England. *Neues Jahrbuch für Geologie und Paläontologie, Monatshefte* 1985, 427–437.

**33.** Batten, D.J. & Uwins, P.J.R. 1985. Early–Late Cretaceous (Aptian–Cenomanian) palynomorphs. In *Palynostratigraphy of northeast Libya*. *Journal of Micropalaeontology* 4 (1), 151–167.

**34.** Batten, D.J. & van Geel, B. 1985. *Celyphus rallus*, probable Early Cretaceous rivulariacean blue-green alga. *Review of Palaeobotany and Palynology* 44, 233–241.

- 35.** Gaupp, R. & Batten, D.J. 1985. Maturation of organic matter in Cretaceous strata of the Northern Calcareous Alps. *Neues Jahrbuch für Geologie und Paläontologie, Monatshefte* 1985, 157–175.
- 36.** Collinson, M.E., Batten, D.J., Scott, A.C. & Ayonghe, S.N. 1985. Palaeozoic, Mesozoic and contemporaneous megaspores from the Tertiary of southern England: indicators of sedimentary provenance and ancient vegetation. *Journal of the Geological Society, London* 142, 375–395.
- 37.** Batten, D.J. 1986. Systematics of pre-Quaternary palynomorphs. In *Systematic and taxonomic approaches in palaeobotany*, Thomas, B.A. & Spicer, R.A. (eds). Systematics Association, Special Volume 31, 253–262.
- 38.** Batten, D.J. 1986. Possible functional implications of exine sculpture and architecture in some Late Cretaceous Normapolles pollen. In *Pollen and spores: form and function*, Blackmore, S. & Ferguson, I.K. (eds). Linnean Society, Symposium Series 12, 219–232.
- 39.** Batten, D.J. 1986. N.F. Hughes – biography and bibliography. *Special Papers in Palaeontology* 35, 1–5.
- 40.** Batten, D.J. 1986. The Cretaceous Normapolles pollen genus *Vancampopollenites*: occurrence, form and function. *Special Papers in Palaeontology* 35, 21–39.
- 41.** Batten, D.J., Trewin, N.H. & Tudhope, A.W. 1986. The Triassic-Jurassic junction at Golspie, inner Moray Firth Basin. *Scottish Journal of Geology* 22, 85–98.
- 42.** Li Wen-ben & Batten, D.J. 1986. The Early Cretaceous megaspore *Arcellites* and closely associated *Crybelosporites* microspores from northeast Inner Mongolia, P.R. China. *Review of Palaeobotany and Palynology* 46, 189–208.
- 43.** Batten, D.J. 1987. Palynofacies analysis, depositional environments and source potential for petroleum. VII Simposio Argentino de Paleobotánica y Palinología, Actas, Buenos Aires, 7–14.
- 44.** Batten, D.J. & Ferguson, D.J.P. 1987. *Cabochochonicus*, a new genus for species of gemmate megaspores previously referred to *Verrutritetes*. *Journal of Micropalaeontology* 6 (1), 65–75.
- 45.** Batten, D.J. & Li Wenben 1987. Aspects of palynomorph distribution, floral provinces and climate during the Cretaceous. *Geologisches Jahrbuch A* 96, 219–237.
- 46.** Batten, D.J. & Morrison, L. 1987. Morphology and occurrence of the Normapolles pollen genus *Papillopollis* in the Cretaceous of Portugal. *Palynology* 11, 133–154.
- 47.** Batten, D.J., Lister, J.K., MacLennan, A.M. et al. 1987. Dorset, Jurassic. In *Mesozoic and Cenozoic stratigraphical micropalaeontology of the Dorset coast and Isle of Wight, southern England*, Lord, A.R. & Bown, P.R. (eds). British Micropalaeontological Society, Field Guide 1, 3–78.
- 48.** Batten, D.J., Lister, J.K., MacLennan, A.M. et al. 1987. The Isle of Wight, Cretaceous. In *Mesozoic and Cenozoic stratigraphical micropalaeontology of the Dorset coast and Isle of Wight, southern England*, Lord, A.R. & Bown, P.R. (eds). British Micropalaeontological Society, Field Guide 1, 88–149.
- 49.** Batten, D.J., Strel, M., Duser, M. & Bless, M.J.M. 1987. Late Cretaceous palynomorphs from the boreholes Thermae 2002 (Valkenburg a/d Geul, the Netherlands) and 's-Gravenvoeren (Belgium). *Annales de la Société Géologique de Belgique* 110, 47–51.
- 50.** Li Wenben, Batten, D.J., Zhang Dahua & Zhang Liangde 1987. Early Cretaceous megaspores from the Jalainor Group of northeast Inner Mongolia, P.R. China. *Palaeontographica B* 206, 117–135, pls 1–9.

- 51.** Batten, D.J. 1988 [1987]. Revision of S.J. Dijkstra's Late Cretaceous megaspores and other plant microfossils from Limburg, The Netherlands. *Mededelingen, Rijks Geologische Dienst* 41-3, 1–55.
- 52.** Batten, D.J. & Lister, J.K. 1988a. Evidence of freshwater dinoflagellates and other algae in the English Wealden (Early Cretaceous). *Cretaceous Research* 9, 171–179.
- 53.** Batten, D.J. & Lister, J.K. 1988b. Early Cretaceous dinoflagellate cysts and chlorococcalean algae from freshwater and low salinity palynofacies in the English Wealden. *Cretaceous Research* 9, 337–367.
- 54.** Batten, D.J., Dupagne-Kievits, J. & Lister, J.K. 1988. Palynology of the Upper Cretaceous Aachen Formation of northeast Belgium. In *The Chalk District of the Euregio Meuse-Rhine*, Strel, M. & Bless, M.J.M. (eds). Natuurhistorisch Museum Maastricht, The Netherlands and Laboratoires de Paléontologie de l'Université d'Etat à Liège, Belgium, 95–103.
- 55.** Lister, J.K. & Batten, D.J. 1988a. Hurlandsia, a new non-marine Early Cretaceous dinocyst genus. *Neues Jahrbuch für Geologie und Paläontologie, Monatshefte* 1988, 505–516.
- 56.** Lister, J.K. & Batten, D.J. 1988b. Stratigraphic and palaeoenvironmental distribution of Early Cretaceous dinoflagellate cysts in the Hurlands Farm Borehole, West Sussex, England. *Palaeontographica B* 210, 9–89, pls 1–13.
- 57.** Marshall, K.L. & Batten, D.J. 1988. Dinoflagellate cyst associations in Cenomanian–Turonian “black shale” sequences of northern Europe. Review of Palaeobotany and Palynology 54, 85–103.
- 58.** Médus, J., Feist, M., Rocchia, R., Batten, D.J., Boclet, D., Colombo, F., Tambareau, Y. & Villatte, J. 1988. Prospects for recognition of the palynological Cretaceous/Tertiary boundary and an iridium anomaly in nonmarine facies of the eastern Spanish Pyrenees: a preliminary report. *Newsletters on Stratigraphy* 18, 123–138.
- 59.** Uwins, P.J.R. & Batten, D.J. 1988. Early to mid-Cretaceous palynology of northeast Libya. In *Subsurface palynostratigraphy of northeast Libya*, El-Arnauti, A., Owens, B. & Thusu, B. (eds). Garyounis University Publications, Benghazi, Libya (SPLAJ), 215–257.
- 60.** Batten, D.J. 1989. Cretaceous freshwater dinoflagellates. Short Communication. *Cretaceous Research* 10, 271–273.
- 61.** Batten, D.J. 1989. Systematic relationships between Normapolles pollen and the Hamamelidae. In *Evolution, systematics, and fossil history of the Hamamelidae*. Volume 2: ‘Higher’ Hamamelidae, Crane, P.R. & Blackmore, S. (eds). Systematics Association, Special Volume 40B, 9–21.
- 62.** Koppelhus, E.B. & Batten, D.J. 1989. Late Cretaceous megaspores from southern Sweden: morphology and palaeoenvironmental significance. *Palynology* 13, 91–120.
- 63.** Kovach, W.L. & Batten, D.J. 1989. Worldwide stratigraphic occurrences of Mesozoic and Tertiary megaspores. *Palynology* 13, 247–277.
- 64.** Batten, D.J. 1990. Correspondence. Terminology. *Geology Today* 6, 122–123. [re Lower/Upper, early/late]
- 65.** Batten, D.J. & Kovach, W.L. 1990. Catalog of Mesozoic and Tertiary megaspores. American Association of Stratigraphic Palynologists, Contributions Series 24, ii + 227 pp.
- 66.** Kovach, W.L. & Batten, D.J. 1990. Multivariate analysis of palynofacies and other micropalaeontological data. North Sea '90 (International Symposium, British Geological Survey, Nottingham), 24–27.
- 67.** Ruffell, A.H. & Batten, D.J. 1990. The Barremian–Aptian arid phase in western Europe. *Palaeogeography, Palaeoclimatology,*



Palaeoecology 80, 197–212.

**68.** Watson, J. & Batten, D.J. 1990. A revision of the English Wealden flora, II. Equisetales. Bulletin of the British Museum, Natural History (Geology) 46, 37–60.

**69.** Hesselbo, S.P., Coe, A.L., Batten, D.J. & Wach, G.D. 1990. Stratigraphic relations of the Lower Greensand (Lower Cretaceous) of the Calne area, Wiltshire. Proceedings of the Geologists' Association 101, 265–278.

**70.** Baldoni, A.M. & Batten, D.J. 1991. Megaspores from the Lower Cretaceous Kachaiké Formation, Santa Cruz Province, Argentina. Neues Jahrbuch für Geologie und Paläontologie, Abhandlungen 182, 377–393.

**71.** Batten, D.J. 1991. Reworking of plant microfossils and sedimentary provenance. In Developments in sedimentary provenance studies, Morton, A.C., Todd, S.P. & Haughton, P.D.W. (eds). Geological Society, London, Special Publication 57, 79–90.

**72.** Batten, D.J. 1991. Correspondence. Lower-Upper-early-late revisited. Geology Today 7, 176.

**73.** Batten, D.J. & Marshall, K.L. 1991. Palynology of Upper Cretaceous “black shales” from Helgoland, southern North Sea. Geologisches Jahrbuch A 120, 105–115.

**74.** Charlton, W.A., Watson, J. & Batten, D.J. 1991. A fossil palm at the back door of Hastings Museum, Sussex, England. Tertiary Research 13, 1–9.

**75.** Batten, D.J. 1992. Comments on *Banksisporites* Dettmann: discussion. Palynos 15 (2), 4.

**76.** Batten, D.J. 1992. Stratigraphic and palaeoenvironmental analyses continue to demand the inclusion of high quality palaeontological data. Cretaceous Research 13, 591–595.

**77.** Koppelhus, E.B. & Batten, D.J. 1992. Megaspore assemblages from the Jurassic and lowermost Cretaceous of Bornholm, Denmark. Danmarks Geologiske Undersøgelse, Serie A 32, 1–81.

**78.** Batten, D.J. & Koppelhus, E.B. 1993. Morphological reassessment of some zonate and coronate megaspore genera of mainly post-Palaeozoic age. Review of Palaeobotany and Palynology 78, 19–40.

**79.** Kovach, W.L. & Batten, D.J. 1993. Diversity changes in lycopsid and aquatic fern megaspores through geologic time. Paleobiology 19, 28–42.

**80.** Knobloch, E., Kvaček, Z., Bůžek, C., Mai, D.H. & Batten, D.J. 1993. Evolutionary significance of floristic changes in the Northern Hemisphere during the Late Cretaceous and Palaeogene, with particular reference to Central Europe. Review of Palaeobotany and Palynology 78, 41–54.

**81.** Batten, D.J., Collinson, M.E. & Knobloch, E. 1994. *Ariadnaesporites* and *Capulisporites*: “water fern” megaspores from the Upper Cretaceous of Central Europe. Review of Palaeobotany and Palynology 83, 159–174.

**82.** Batten, D.J., Koppelhus, E.B. & Nielsen, L.H. 1994. Uppermost Triassic to Middle Jurassic palynofacies and *palynomiscellanea* in the Danish Basin and Fennoscandian Border Zone. Cahiers de Micropaléontologie, Nouvelle Série 9, 21–45, pls 1–4.

**83.** Kovach, W.L. & Batten, D.J. 1994. Association of palynomorphs and palynodebris with depositional environments: quantitative approaches. In Sedimentation of organic particles, Traverse, A. (ed.). Cambridge University Press, Cambridge, 391–407.

**84.** Ruffell, A.H. & Batten, D.J. 1994. Uppermost Wealden facies and Lower Greensand Group (Lower Cretaceous) in Dorset, southern England: correlation and palaeoenvironment.

Proceedings of the Geologists' Association 105, 53–69.

**85.** Batten, D.J. 1995. Editorial. A tribute to Professor P. Allen, FRS. Part 1. Cretaceous Research 16, 599–601.

**86.** Batten, D.J. 1995. Megaspores from lowermost Aptian beds in northern Germany. Geologisches Jahrbuch A 141, 403–443.

**87.** Batten, D.J. & Zavattieri, A.M. 1995. Occurrence of dispersed seed cuticles and similar microfossils in mainly Cretaceous successions of the Northern Hemisphere. Cretaceous Research 16, 73–94.

**88.** Lister, J.K. & Batten, D.J. 1995. Palynostratigraphy of the Barremian-Aptian succession in the Wiechendorf 1/86 and Hoheneggelsen KB9 boreholes in the Lower Saxony Basin, North Germany. Geologisches Jahrbuch A 141, 367–395.

**89.** Ruffell, A.H. & Batten, D.J. 1995. Environmental interpretation of Cretaceous sequences in two north German boreholes on the basis of integrated clay mineralogical and palynofacies analyses. Geologisches Jahrbuch A 141, 445–457.

**90.** Rice, C.M., Ashcroft, W.A., Batten, D.J., Boyce, A.J. et al. 1995. A Devonian auriferous hot spring system, Rhynie, Scotland. Journal of the Geological Society, London 152, 229–250.

**91.** Batten, D.J. 1996. Editorial. A tribute to Professor P. Allen, FRS. Part 2. Cretaceous Research 17, 1–4.

**92.** Batten, D.J. 1996. Colonial Chlorococcales. Chapter 7C. In Palynology: principles and applications, Volume 1, Jansonius, J. & McGregor, D.C. (eds). American Association of Stratigraphic Palynologists' Foundation, Dallas, 191–203.

**93.** Batten, D.J. 1996. Mesozoic-Tertiary spores and pollen. Introduction. Chapter 20. In Palynology: principles and applications,

Volume 2, Jansonius, J. & McGregor, D.C. (eds). American Association of Stratigraphic Palynologists' Foundation, Dallas, 751–753.

**94.** Batten, D.J. 1996. Upper Jurassic and Cretaceous miospores. Chapter 20E. In Palynology: principles and applications, Volume 2, Jansonius, J. & McGregor, D.C. (eds). American Association of Stratigraphic Palynologists' Foundation, Dallas, 807–830.

**95.** Batten, D.J. 1996. Palynofacies. Introduction. Chapter 26. In Palynology: principles and applications, Volume 3, Jansonius, J. & McGregor, D.C. (eds). American Association of Stratigraphic Palynologists' Foundation, Dallas, 1011.

**96.** Batten, D.J. 1996. Palynofacies and palaeoenvironmental interpretation. Chapter 26A. In Palynology: principles and applications, Volume 3, Jansonius, J. & McGregor, D.C. (eds). American Association of Stratigraphic Palynologists' Foundation, Dallas, 1011–1064.

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