

**BIBLIOGRAPHY OF  
AMERICAN PALEOBOTANY  
FOR 2007**



Serge Mamay

Paleobotanical Section  
Botanical Society of America

# Paleobotanical Section

## Botanical Society of America

Membership Information  
2008

Membership in the Paleobotanical Section of the Botanical Society of America is open to anyone interested in fossil plants. Members receive the annual *Bibliography of American Paleobotany*, which is published by the Section. The *Bibliography* not only contains the recent research publications of Section members, but also provides a convenient way of keeping abreast of research interests of Section members. A full listing of current addresses is provided in the *Bibliography*. Other publications of the Section are listed on a separate page.

At the annual meeting of the Botanical Society of America, the Paleobotanical Section has an active three day program that includes contributed papers, a banquet, and frequently symposia, workshops and field trips.

There are four membership categories in the Section: Regular Members, those who are also regular members of the Botanical Society of America; Affiliate members, those who are members of the Section, but not the Botanical Society of America; Regular Emeritus members, those who are also emeritus members of the Botanical Society of America; and Affiliate Emeritus members, those who are emeritus, but not members of the Botanical Society.

Membership dues are currently  
\$8.00 for Regular members  
\$16.00 for Affiliate members  
\$4.00 for Regular Emeritus members  
\$8.00 for Affiliate Emeritus members

Dues for the Paleobotanical Section should be sent to the Secretary-Treasurer of the Section and made payable to the Paleobotanical Section, BSA. The address for the current Secretary-Treasurer is as follows:

**Dr. Michael Dunn**  
Department of Biology  
Cameron University  
Lawton, OK 73505

Tele: 580-581-2287  
Email: [michaeld@cameron.edu](mailto:michaeld@cameron.edu)

Visit the Paleobotanical Section on the World Wide Web at the following address:  
<http://www.dartmouth.edu/~daghlian/paleo/>

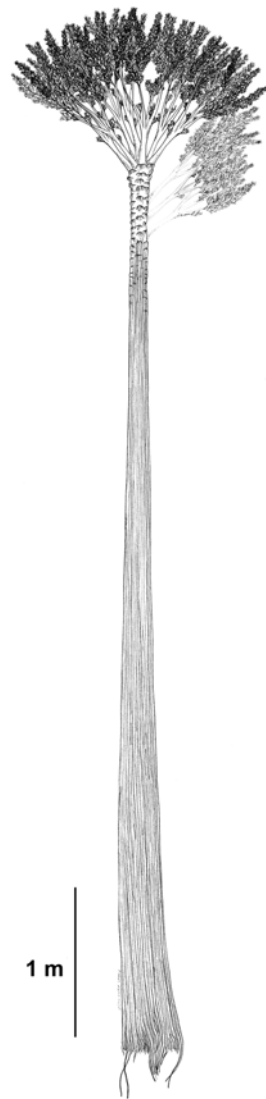
**BIBLIOGRAPHY OF  
AMERICAN PALEOBOTANY  
FOR 2007**

Compiled under the auspices  
of the  
Paleobotanical Section  
Botanical Society of America

by  
Walter L. Cressler, III  
Francis Harvey Green Library  
West Chester University  
West Chester, PA 19383

(Issued September 2008)

ISBN 0-939201-17-8



Reconstruction of *Eospermatopteris/Wattieza* drawn by Frank Mannolini; from W.E.Stein, F. Mannolini, L.V. Hernick, E. Landing, and C.M. Berry. 2007. Giant cladoxylopid trees resolve the enigma of the Earth's earliest forest stumps at Gilboa. *Nature* 446: 904-907.

## CONTENTS

---

BIBLIOGRAPHY OF SERGE MAMAY .....	iv
BIBLIOGRAPHY FOR 2007* .....	1
Techniques .....	1
Reviews .....	1
Books .....	1
General .....	2
General Palynology .....	4
Precambrian .....	4
Paleozoic.....	5
Paleozoic Palynology .....	8
Mesozoic.....	8
Mesozoic Palynology .....	12
Tertiary.....	12
Tertiary Palynology .....	17
Quaternary.....	17
Quaternary Palynology .....	17
Taphonomy.....	18
Non-Fossil.....	18
Theses and Dissertations .....	20
WORK IN PROGRESS .....	21
DIRECTORY OF PALEOBOTANICAL SECTION MEMBERSHIP .....	23
PALEOBOTANICAL SECTION PUBLICATIONS AND SALES ITEMS .....	37

---

\*including manuscripts published and accepted for publication during 2007 and some items omitted from previous years.

**Cover:**

Serge Mamay (1920-2008), paleobotanist and friend.

## BIBLIOGRAPHY OF SERGE MAMAY

- Mamay, S.H., Chaney, D.S. and DiMichele, W.A. *in press*. *Comia*, a potentially peltaspermous seed plant of Permian age: A brief review of the genus and description of two new species from the Early Permian (Artinskian) of Texas, *C. greggii* sp. nov. and *C. craddockii* sp. nov. *International Journal of Plant Sciences*.
- Chaney, D.S., Mamay, S.H., DiMichele, W.A. and Kerp, H. *in press*. *Auritifolia* gen. nov., probable seed-plant foliage with comioid affinities from the Early Permian of Texas, U.S.A. *International Journal of Plant Sciences*.
- Axsmith, B.J., R. Serbet, M. Krings, T.N. Taylor, E.L. Taylor, S.H. Mamay. 2003. The enigmatic Paleozoic plants *Spermopteris* and *Phasmatocycas* reconsidered. *American Journal of Botany* 90:1585-1595.
- DiMichele, W.A., S.H. Mamay, D.S. Chaney, R.W. Hook and W.J. Nelson. 2001. An Early Permian flora with Late Permian and Mesozoic affinities from north-central Texas. *Journal of Paleontology* 75: 449-460.
- Mamay, S.H. Hook, R.H. and Hotton, N., III. 1998. Amphibian eggs from the Lower Permian of North-Central Texas. *Journal of Vertebrate Paleontology* 18: 80-84.
- Mamay, S.H. 1994. Fossil eggs of probable piscine origin preserved on Pennsylvanian *Sphenopteridium* foliage from the Kinney quarry, central New Mexico. *Journal of Vertebrate Paleontology* 14: 320-326.
- Mamay, S.H. 1992. *Sphenopteridium* and *Telangiopsis* in a *Diplopteridium*-like association from the Virgillian (Upper Pennsylvanian) of New Mexico. *American Journal of Botany* 79: 1092-1101.
- Mamay, S. H. and Mapes, G., 1992. Early Virgillian plant megafossils from the Kinney Brick Company Quarry, Manzanita Mountains, New Mexico. *New Mexico Bureau of Mines and Mineral Resources, Bulletin* 138: 61-85
- Mamay, S.H. and Bateman, R.M. 1991. *Archaeocalamites lazarii*, sp. nov.: The range of Archaeocalamitaceae extended from the lowermost Pennsylvanian to the mid-Lower Permian. *American Journal of Botany* 78: 489-496.
- Mamay, S.H. 1990. *Charliea manzanitana*, n. sp., and other enigmatic parallel-veined foliar forms from the Upper Pennsylvanian of New Mexico and Texas. *American Journal of Botany* 77: 858-866.
- Mamay, S.H. 1989. *Evolsonia*, a new genus of Gigantopteridaceae from the Lower Permian Vale Formation, North-Central Texas. *American Journal of Botany* 76: 1299-1311.
- Mamay, S.H. 1988. *Gigantonoclea* in the Lower Permian of Texas. *Phytologia* 64:330-332.
- Mamay, S.H., Miller, J.M., Rohr, D.M. and Stein, W.E., Jr. 1988. Foliar morphology and anatomy of the gigantopterid plant *Delnortea abbottiae* from the Lower Permian of West Texas. *American Journal of Botany* 75: 1409-1433.
- Rohr, D. M., R. A. Davis, S. H. Mamay, and J. M. Miller. 1987. Leonardian plant-bearing beds from the Del Norte Mountains, West Texas. *SEPM Guidebook* 87-27, *The Leonardian Facies in W. Texas and S.E. New Mexico and Guidebook to the Glass Mountains West Texas*.
- Mamay, S.H. 1986. New species of Gigantopteridaceae from the Lower Permian of Texas. *Phytologia* 61: 311-315.

- Mamay, S. H., Miller, J. M., and Rohr, D. M., 1984. Late Leonardian plants from west Texas: the youngest Paleozoic plant megafossils in North America. *Science*, 223:279-281.
- Mamay, S.H. 1981. An unusual new species of *Dicranophyllum* Grand'Eury from the Virgilian (Upper Pennsylvanian) of New Mexico, U.S.A. *Paleobotanist* 28-29:86-92.
- Mamay, S.H. 1976. Paleozoic origin of the cycads. U.S. Geological Survey Professional Paper 934, 48 p.
- Mamay, S.H. 1975. *Sandrewia*, n. gen., a problematical plant from the Lower Permian of Texas and Kansas. *Review of Palaeobotany and Palynology* 20: 75-83.
- Mamay, S.H. 1973. *Archaeocycas* and *Phasmatozycas*; new genera of Permian cycads. U.S. Geological Survey Journal of Research 1:687-689.
- Andrews H.N., C.B. Read, S.H. Mamay. 1971. A Devonian lycopod stem with well-preserved cortical tissues. *Palaeontology* 14: 1-9
- Mamay, S.H., N.J. Breed. 1970. Early Permian plants from the Cutler Formation in Monument Valley, Utah. U.S. Geological Survey Professional Paper 700-B:109-117.
- Churkin, M. Jr., G.D. Eberlein, F.M. Hueber, S.H. Mamay. 1969. Lower Devonian land plants in graptolite shale of southeastern Alaska. *Paleontology* 12:559-573.
- Mamay, S. H. 1969. Cycads: Fossil Evidence of Late Paleozoic Origin. *Science* 164:295-296
- Skog, J. E., H. N. Andrews, S. H. Mamay. 1969. *Canipa quadrifida*, gen. et sp. nov., a synangial fructification from the Middle Pennsylvanian of West Virginia. *Bulletin of the Torrey Botanical Club* 96:276-287
- Mamay, S.H. 1968. New Lower Permian plants. US Geological Survey Professional Paper 600:A118. *in* Geological Survey Research 1968.
- E-An Zen and S. H. Mamay. 1968. Middle Pennsylvanian plant fossils: Problematic occurrence in the Bronx. *Science* 161:157-158.
- Mamay, S.H. 1968. *Russellites*, new genus, a problematical plant from the Lower Permian of Texas. U.S. Geological Survey Professional Paper 593-I, 13 p.
- Mamay, S.H. 1967. Lower Permian plants from the Arroyo Formation in Baylor County, North-Central Texas. U.S. Geological Survey Professional Paper 575-C: 120-126.
- Mamay, S.H., C.B. Read. 1965. Additionas to the flora of the Spotted Ridge Formation in central Oregon. U.S. Geological Survey Professional Paper 274-I:211-226.
- Lanjouw, J., S.H. Mamay, R. McVaugh et al. (editors). 1964: *International code of botanical nomenclature*. Adopted by the Tenth International Botanical Congress Edinburgh, August 1964. Utrecht, International Bureau of Plant Taxonomy and Nomenclature of the International Association for Plant Taxonomy, 1966, pp. 402,
- Read, C.B. and Mamay, S.H. 1964. Upper Paleozoic flora zones and flora provinces of the United States. U.S. Geological Survey Professional Paper 454-K: 35 p.
- Mamay, S.H. and Yochelson, E.L. 1962. Occurrence and significance of marine animal remains in American coal balls. U.S. Geological Survey Professional Paper 354-I: 222 p.
- Mamay, S. H. 1962. *Pagettia*, a new genus based on fertile neuropteroid foliage from the Permian of Texas. *The Paleontologist* 9:53-56.
- Mamay, S. H. 1960. Gigantopteridaceae in Permian floras of the southwestern United States. US Geological Survey Short papers in the Geological Sciences page B380.
- Mamay, S. H. 1959. *Litostroma*, a new genus of problematical algae from the Pennsylvanian of Oklahoma. *American Journal of Botany* 40:283-292, Figures 1-31.
- Mamay, S.H. 1959. A new bowmanitean fructification from the Pennsylvanian of Kansas. *American Journal of Botany* 46:530-536.

- Mamay, S. H. 1957. *Biscalitheca*, a new genus of Pennsylvanian coenopterids based on its fructification. American Journal of Botany 44:229-239
- Mamay, S. H. 1955. *Acragiophyllum*, a new genus of Pennsylvanian pteropsida based on fertile foliage, American Journal of Botany 42:177-183.
- Mamay, S. H. 1954. A Permian *Discinites* cone. Journal of Washington Academy of Sciences, 44: 7-11.
- Mamay, S. H. 1954. Two new plant genera of Pennsylvanian age from Kansas coal balls. US Geological Survey Professional Paper 254-D:81-95, plates 21-23.
- Mamay, S. H. 1954. A new sphenopsid cone from Iowa. Annals of Botany new series 18:229-239, plates 13, 14.
- Mamay, S. H. and E. L. Yochelson. 1953. Floral-fauna associations in American coal balls. Science 118:240-241.
- Mamay, S.H. 1952. An epiphytic American species of *Tubicaulis* Cotta. Annals of Botany 16: 145-163.
- Andrews, H.N. Jr., S.H. Mamay. 1952. A brief conspectus of American coal ball studies. Paleobotanist 1:66-72.
- Andrews, H. N., and S. H. Mamay. 1951. A new American species of *Bowmanites*. Botanical. Gazett 113:158-165.
- Andrew, H.N. Jr., S.H. Mamay. 1950. A contribution to our knowledge of the anatomy of Botryopteris. Torrey Bot. Club Bull. 77:462-494.
- Mamay, S.H. 1950. Some American Carboniferous fern fructifications. Missouri Botanical Garden Annals 37:409-476.

## TECHNIQUES

### Barclay, R.S.

Barclay, R.S., J.C. McElwain, J.L. Dilcher, and B.B. Sageman, 2007. The Cuticle Database: Developing an interactive tool for taxonomic and paleoenvironmental study of the fossil cuticle record. In D.M. Jarzen, S.R. Manchester, G.J. Retallack, and S.A. Jarzen [eds.], *Advances in Angiosperm Paleobotany and Paleoclimatic Reconstruction: Contributions Honouring David L. Dilcher and Jack A. Wolfe*. Courier Forschungsinstitut Senckenberg 258: 39-55.

### Hickey, L.J.

Klise, L.S., and L.J. Hickey. 2007. Preserving extant *Metasequoia* shoots for herbaria. *Bulletin of the Peabody Museum of Natural History, Yale University* 48 (2): 255-259.

### McElwain, J.C.

Barclay, R., J.C. McElwain, D. Dilcher, and B. Sageman. 2007. The Cuticle Database: Developing an interactive tool for taxonomic and paleoenvironmental study of the fossil cuticle record. *Courier Forschungsinstitut Senckenburg* 258: 35-59.

Kouwenberg, L.R., R. Hines, and J.C. McElwain. 2007. A new transfer technique to extract and process thin and fragmented cuticle using polyester overlays. *Review of Palaeobotany and Palynology* 145 (3-4): 243-248.

### Meyer, H.W.

Meyer, H.W. 2007. A review of paleotemperature–lapse rate methods for estimating paleoelevation from fossil floras. In M. Kohn [ed.], *Paleoaltimetry: Geochemical and thermodynamic approaches*. *Reviews in Mineralogy and Geochemistry* 66: 155-171.

### Strömberg, C.A.E.

Strömberg, C.A.E. 2007. Can slide preparation methods cause size biases in phytolith assemblages?: Results from a preliminary study. In M. Madella, D. Zurro, and M. K. Jones [eds.], *Places, People and Plants: Using Phytoliths in Archaeology and Palaeoecology*, 1-12. Oxbow Books.

## REVIEWS

### Cressler, W.L.

Cressler, W.L. 2007. Review of: Wilson, D.S., *Evolution for Everyone: How Darwin's theory can*

*change the way we think about our lives*. *Library Journal* 132: 114.

Cressler, W.L. 2007. Review of: Gould, S.J., *Punctuated Equilibrium*. *Libraryjournal.com Xpress reviews*. <http://www.libraryjournal.com/article/CA6445193.html>.

Cressler, W.L. 2007. Review of: Behe, M.J., *The Edge of Evolution: The search for limits of Darwinism*. *Libraryjournal.com Xpress reviews*. <http://www.libraryjournal.com/article/CA6445193.html>.

Cressler, W.L. 2007. Review of: Xiao, S. and Kaufman, A.J. [eds.], *Neoproterozoic Geobiology and Paleobiology*. *Choice* 44: 1784.

Cressler, W.L. 2007. Review of: Meldahl, K.H., *Hard Road West: History and geology along the Gold Rush Trail*. *Library Journal* 132: 78.

### Niklas, K.J.

Niklas, K.J. 2007. Review of: *All creatures, great and small*. *Biological Theory* 2: 200-201.

## BOOKS

### Knoll, A.H.

Falkowski, P. and A.H. Knoll [eds.]. 2007. *The Evolution of Primary Producers in the Sea*. Elsevier, Burlington, 441 pp.

### Manchester, S.R.

Jarzen, D.M., S.R. Manchester, G.J. Retallack, and S.A. Jarzen, eds. 2007. *Advances in angiosperm paleobotany and paleoclimatic reconstruction. Contributions honouring David L. Dilcher and Jack A. Wolfe*. Courier Forschungsinstitut Senckenberg 258: 1-189.

### Schopf, J.W.

Walter, M.R., J.W. Schopf, and R. Cao, [eds.]. 2007. *Earliest Evidence of Life on Earth*. Special Issue, *Precambrian Research* 158 (3-4), pp. 139-262.

### Taylor, E.L.

Taylor, T.N., E.L. Taylor, and M. Krings. In press. *Paleobotany: The Biology and Evolution of Fossil Plants*. Academic Press, Inc., San Diego, CA.

### Traverse, A.

Traverse, A. 2007. *Paleopalynology, Second Edition*. Springer, Dordrecht, The Netherlands, 813 pp.

**Zavada, M.S.**

Zavada, M.S. 2007. *Botanical Methods*. Bent Tree Press, Reno, NV. 116 pp.

**GENERAL**

**Boyce, C.K.**

Boyce, C.K. In press. The fossil record of plant physiology and development: What leaves can tell us. *Paleontological Society Papers*.

**DeVore, M.L.**

DeVore, M.L. and K.B. Pigg. 2007. The value of fossils for tracking a family's spatial history: an underrated tool? *Botany 2007* (Chicago, July 2007): Abstract.

**Dilcher, D.L.**

Barclay, R., J. McElwain, D. Dilcher, and B. Sageman. 2007. The cuticle database: developing an interactive tool for taxonomic and paleoenvironmental study of the fossil cuticle record. In D.M. Jarzen, S.R. Manchester, G.J. Retallack, and S.A. Jarzen [eds.], *Advances in Angiosperm Paleobotany and Paleoclimatic Reconstruction, Contributions Honouring David L. Dilcher and Jack A. Wolfe*. Courier Forschungsinstitut Senckenberg 258: 39-56.

Manos, P., P.S. Soltis, D.E. Soltis, S.R. Manchester, S. H. Oh, C. Bell, D.L. Dilcher, and D.E. Stone. 2007. Phylogeny of extant and fossil Juglandaceae inferred from the integration of molecular and morphological data sets. *Systematic Biology* 56(3): 412-430.

Schmidt, A.R., and D.L. Dilcher. 2007. Aquatic organisms as amber inclusions and examples from a modern swamp forest. *Proceedings of the National Academy of Sciences* 104 (42): 16581-16585.

Wagner, F., H. Visscher, W.M. Kurschner, and D. L. Dilcher. 2007. Influence of ontogeny and atmospheric CO<sub>2</sub> on stomata parameters of *Osmunda regalis*. In D.M. Jarzen, S.R. Manchester, G.J. Retallack, and S.A. Jarzen [eds.], *Advances in Angiosperm Paleobotany and Paleoclimatic Reconstruction, Contributions Honouring David L. Dilcher and Jack A. Wolfe*. Courier Forschungsinstitut Senckenberg 258: 183-189.

**Doyle, J.A.**

Cantino, P.D., J.A. Doyle, S.W. Graham, W.S. Judd, R.G. Olmstead, D.E. Soltis, P.S. Soltis, and M.J.

Donoghue. 2007. Towards a phylogenetic nomenclature of Tracheophyta. *Taxon* 56: 822-846.

Doyle, J.A. 2007. Systematic value and evolution of leaf architecture across the angiosperms in light of molecular phylogenetic analyses. *Courier Forschungsinstitut Senckenberg* 258: 21-37.

**Gastaldo, R.A.**

DiMichele, W.A. and R.A. Gastaldo. In press. Plant paleoecology in deep time. *Annals of the Missouri Botanical Gardens* 95:144-198.

Gastaldo, R.A. and M.W. Rolerson. In press. *Katbergia* gen. nov., a new trace fossil from Upper Permian and Lower Triassic Rocks of the Karoo Basin: Implications for paleoenvironmental conditions at the P/Tr extinction event: *Palaeontology* 51:215-229.

**Grote, P.J.**

Boonchai, N., P.J. Grote, and P. Jintasakul. In press. Paleontological parks and museums and prominent fossil sites in Thailand and their importance in the conservation of fossils. *Carnets de Géologie*.

**Hickey, L.J.**

Ellis, B., D.C. Daly, L.J. Hickey, K.R. Johnson, J.D. Mitchell, P. Wilf, and S.L. Wing. In press. *Manual of Leaf Architecture*. Cornell University Press and Smithsonian Institution Press.

Peppe, D.J., L.J. Hickey, I.M. Miller, and W.A. Green. In press. The Aspen Shale flora: a catalogue of fossil plant morphotypes. *Bulletin of the Peabody Museum of Natural History, Yale University* 49.

**Knoll, A.H.**

Falkowski, P. and A.H. Knoll. 2007. Photoautotrophy in the oceans. In P. Falkowski and A.H. Knoll [eds.], *The Evolution of Primary Producers in the Sea*, 1-7. Elsevier, Burlington.

Knoll, A.H. and D. Hewitt. In press. Complex multicellularity: Phylogenetic, functional and geological perspectives. In K. Sterelny and B. Calcott [eds.], *The Major Transitions Revisited*. Vienna Series in Theoretical Biology, MIT Press, Cambridge.

Kodner, R.B., R.E. Summons, A. Pearson, N. King, and A.H. Knoll. In press. Sterols in a unicellular relative of the metazoans. *Proceedings of the National Academy of Sciences, USA*.

Kodner, R.B., R.E. Summons, A. Pearson, and A.H. Knoll. In press. Sterols in red and green algae: quantification, phylogeny and relevance for the interpretation of geologic steranes. *Geobiology*.

Knoll, A.H., R.E. Summons, J. Waldbauer, and J. Zumberge. 2007. The geological succession of primary producers in the oceans. In P. Falkowski and A.H. Knoll [eds.], *The Evolution of Primary Producers in the Sea*, 133-163. Elsevier, Burlington.

**McElwain, J.C.**

Kouwenberg, L.R., W.M. Kurschner, and J.C. McElwain. 2007. Stomatal frequency change over altitudinal gradients: Prospects for paleoaltimetry. *Reviews in Mineralogy and Geochemistry* 66: 215-241.

McElwain, J.C. and S. Punyasena. 2007. Mass extinction events and the plant fossil record. *Trends in Ecology and Evolution* 22 (10): 548-557.

**Niklas, K.J.**

Cheng, D.-L. and K.J. Niklas. 2007. Above- and below-ground biomass relationships across 1534 forested communities. *Annals of Botany* 99: 95-102.

Enquist, B.J., A.P. Allen, J.B. Brown, J.F. Gillooly, A.J. Kerkhoff, K.J. Niklas, C.A. Price, and G.B. West. 2007. Does the exception prove the rule? *Nature* 445: E9- E10.

Enquist, B.J., B.H. Tiffney, and K.J. Niklas. 2007. Metabolic scaling and the evolutionary dynamics of plant size, form and diversity: Toward a synthesis of ecology, evolution and paleontology. *International Journal of Plant Biology* 168(S): 729- 749.

Kutschera, U. and K.J. Niklas. 2007. The epidermal-growth-control theory of stem elongation: an old and new perspective. *Plant Physiology* 164: 1395- 1409.

Kutschera, U. and K.J. Niklas. 2007. Photosynthesis research on yellowtops: macroevolution in progress. *Theory in Biosciences* 125: 81- 92.

Niklas, K.J. 2007. Maximum plant height and the biophysical factors that limit it. *Tree Physiology* 27: 433-440.

Niklas, K.J. 2007. Modeling optimization and early land plant evolution,. In M.D. Laubichler and G.B. Müller [eds.], *Modeling Biology: Structures, Behaviors, and Evolution*, 305-334. MIT Press.

Niklas, K.J. 2007. Sizing up life and death. *Proceedings of the National Academy of Sciences (USA)* 104: 15589-15590.

Niklas, K.J., E.D. Cobb, Ü. Niinemets, P.B. Reich, A. Sellin, B. Shipley, and I.J. Wright. 2007. Diminishing returns in function with increasing leaf mass across and within six species-groups. *Proceedings of the National Academy of Sciences (USA)* 104: 8894-8896.

Niklas, K.J. and T.E. Marler. 2007. *Carica papaya*: a case study into the effects of domestication on plant vegetative growth and reproduction. *American Journal of Botany* 94: 999-1002.

Saladie, M, A.J. Matas, T. Isaacson, M.A. Jenks, S.M. Goodwin, K.J. Niklas, et al. 2007. A reevaluation of the key factors that influence tomato fruit softening and integrity. *Plant Physiology* 144: 1012- 1028.

**Pigg, K.B.**

DeVore, M.L. and K.B. Pigg. 2007. The value of fossils for tracking a family's spatial history: an underrated tool? *Botany 2007 (Chicago, July 2007)*: Abstract.

**Retallack, G.J.**

Retallack, G.J. 2007. Coevolution of life and earth. In D. Stevenson [ed.], *Evolution of the Earth*, In G. Schubert [ed.], *Treatise of Geophysics* 9: 295-320. Elsevier, Amsterdam.

Retallack, G.J. 2007. Impact of past global warming on biodiversity. In S.A. Lavin [ed.], *Encyclopedia of Biodiversity: online update 1*. Elsevier, Oxford, 1-9.

Retallack, G.J. 2007. Soils and global change in the carbon cycle over geological time. In H.D. Holland and K.K. Turekian [eds.], *Treatise on Geochemistry*, 5:581-605. Pergamon Press, Oxford.

Retallack, G.J., S.R. Manchester, and G.R. Upchurch. 2007. David Dilcher: an appreciation. In D.M. Jarzen, S.R. Manchester, G.J. Retallack, and S.A. Jarzen [eds.], *Advances in angiosperm paleobotany and paleoclimatic reconstruction – contributions honoring David L. Dilcher and Jack A. Wolfe*. Courier Forschungsinstitut Senckenberg 258: 1-9.

**Rothwell, G.W.**

Rothwell, G.W. and S. Wyatt. 2007. Molecules to morphology: introduction. *Molecules to Morphology: Developing an Understanding of Plant Evolution*

Through Time. Plant Biology and Botany 2007, Chicago. Program and Abstracts: SY20001: 175.

Sanders, H., G.W. Rothwell, and S. Wyatt. 2007. The fossil record of auxin regulation and the parallel evolution of bipolar growth. The Linnean Society of London, Palaeobotany Specialist Group Autumn Meeting. Newsletter 24, p.7.

Sanders, H., G.W. Rothwell, and S. Wyatt. 2007. A paleontological context for the developmental mechanisms of evolution. International Journal of Plant Sciences 178: 719-728.

Sanders, H., G.W. Rothwell, and S. Wyatt. 2007. An Evolutionary Reversion: *Isoetes* becomes *Paurodendron*. Abstracts of the 24th Midcontinent Paleobotanical Colloquium. [http://www.smu.edu/geology/news/MPC\\_abstracts.pdf](http://www.smu.edu/geology/news/MPC_abstracts.pdf)

Sanders, H., G.W. Rothwell, and S. Wyatt. 2007. Upside down auxin suggests the evolutionary origin of isoetalean rhizomorphs. Plant Biology and Botany 2007, Chicago. Program and Abstracts: CP11007: 212.

Wyatt, S. and G.W. Rothwell. 2007. Molecules to morphology: summary and conclusions. Molecules to Morphology: Developing an Understanding of Plant Evolution Through Time. Plant Biology and Botany 2007, Chicago. Program and Abstracts: SY20008: 177.

#### Schopf, J.W.

Schopf, J.W. In press. Paleontology, Microbial. In J. Lederberg and M. Schaechter [eds.], Encyclopedia of Microbiology, Third Edition. Elsevier. Amsterdam.

#### Stein, W.E.

Stein, W.E. and J.S. Boyer. 2007. Evolution of land plant architecture: beyond the telome theory. Paleobiology 32: 450-482

#### Upchurch, G.R.

Retallack, G.J., S.R. Manchester, and G.R. Upchurch, Jr. 2007. David Dilcher: An Appreciation. In D.M. Jarzen, S.R. Manchester, G.J. Retallack, and S.A. Jarzen [eds.], Advances in Angiosperm Paleobotany and Paleoclimatic Reconstruction: Contributions Honouring David L. Dilcher and Jack A. Wolfe. Courier Forschungsinstitut Senckenberg 258: 1–9.

Upchurch, G.R., Jr., R.A. Spicer, and E.B. Leopold, 2007. The Life and Career of Jack A. Wolfe (July 10, 1936 - August 12, 2005). In D.M. Jarzen, S.R. Manchester, G.J. Retallack, and S.A. Jarzen [eds.], Advances in Angiosperm Paleobotany and

Paleoclimatic Reconstruction: Contributions Honouring David L. Dilcher and Jack A. Wolfe. Courier Forschungsinstitut Senckenberg 258: 11–19.

## GENERAL PALYNOLOGY

#### Osborn, J.M.

Osborn, J.M. 2007. Palynology. In McGraw-Hill Encyclopedia of Science and Technology, 10th Edition, Volume 12, 762-766. McGraw-Hill, New York.

Doores, A.S., G. El-Ghazaly, and J.M. Osborn. 2007. Pollen ontogeny in *Ephedra americana* (Gnetales). International Journal of Plant Sciences 168: 985-997.

Schwendemann, A.B., G. Wang, M.L. Mertz, R.T. McWilliams, S.L. Thatcher, and J.M. Osborn. 2007. Aerodynamics of saccate pollen and its implications for wind pollination. American Journal of Botany 94: 1371-1381.

#### Taylor, W.A.

Taylor, W.A. In press. Laminae in palynomorph walls from the Middle Cambrian – Lower Devonian of North America. Review of Palaeobotany and Palynology.

Taylor, W.A. and P.K. Strother. In press. Ultrastructure, morphology, and topology of Cambrian palynomorphs from the Lone Rock Formation, Wisconsin, USA. Review of Palaeobotany and Palynology.

Taylor, W.A. and C.H. Wellman. In press. Ultrastructure of enigmatic phytoclasts (“banded tubes”) from the Silurian - Lower Devonian: evidence for affinities and role in early terrestrial ecosystems. Palaios.

## PRECAMBRIAN

#### Knoll, A.H.

Fischer, W.W. and A.H. Knoll. In press. An iron-shuttle for deep water silica in Late Archean and Early Paleoproterozoic iron formation. Geological Society of America Bulletin.

Fischer, W.W., S. Schröder, J.P. Lacassie, N.J. Beukes, T. Goldberg, H. Staruss, U.E. Horstmann, D.P. Schrag, and A.H. Knoll. In press. Isotopic constraints on the Late Archean carbon cycle from the Transvaal Supergroup along the western margin of

the Kaapvaal Craton, South Africa. *Precambrian Research*.

Knoll, A.H. 2007. Cyanobacteria and Earth history. In A. Herrero and E. Flores [eds.], *The Cyanobacteria: Molecular Biology, Genomics and Evolution*, 1-19. Horizon Scientific Press, Heatherst UK.

Yin, L., M. Zhu, A.H. Knoll, X. Yuan, J. Zhang, and J. Hu. 2007. Doushantuo embryos preserved within diapause egg cysts. *Nature* 446: 661-663.

**Retallack, G.J.**

Retallack, G.J. 2007. Decay, growth, and burial compaction of *Dickinsonia*, an iconic Ediacaran fossil. *Alcheringa* 31, 215-240.

**Schopf, J.W.**

McKeegan, K.D., A.B. Kudryavtsev, and J.W. Schopf. 2007. Raman and ion microscopic imagery of graphitic inclusions in apatite from >3830 Ma Akilia supracrustals, West Greenland. *Geology* 35: 591-594.

Schopf, J.W. 2006. The first billion years: when did life emerge? *Elements* 2: 299-233.

Schopf, J.W. 2006. Fossil evidence of Archaean life. *Philosophical Transactions of the Royal Society of London B* 361: 869-885.

Schopf, J.W. In press. Emergence of Precambrian paleobiology: a new field of science. In D. Sepkoski and M. Ruse [eds.] *The Paleobiological Revolution*. University of Chicago Press, Chicago, IL.

Schopf, J.W. In press. Organismal evolution and radiation before the Cambrian. In M. Ruse, A. Travis, and J. Zinser [eds.], *Evolution: The First 4 Billion Years*. Harvard Univ. Press, Cambridge, MA.

Schopf, J.W., A.B. Kudryavtsev, A.D. Czaja, and B. Tripathi. 2007. Evidence of Archean life: stromatolites and microfossils. *Precambrian Research* 158: 141-155.

Schopf, J.W., V.C. Tewari, and A.B. Kudryavtsev. In press. Discovery of a new chert-permineralized microbiota in the Proterozoic Buxa Formation of the Ranjit window, Sikkim, India, and its astrobiological implications. *Astrobiology*.

Schopf, J.W., A. Tripathi, and A.B. Kudryavtsev. 2006. Three-dimensional confocal optical

microscopy of Precambrian microscopic organisms. *Astrobiology* 6: 1-16.

**PALEOZOIC**

**Boyce, C.K.**

Boyce, C.K., C.L. Hotton, M.L. Fogel, G.D. Cody, R.M. Hazen, A.H. Knoll, and F.M. Hueber. 2007. Devonian landscape heterogeneity recorded by a giant fungus. *Geology* 35: 399-402.

**DiMichele, W.A.**

Chaney, D.S. and W.A. DiMichele. 2007. Paleobotany in the redbeds (Clear Fork Group - Early Permian) of north central Texas. *Proceedings of the XVth International Congress on Carboniferous and Permian Stratigraphy*, 357-366.

DiMichele, W.A., D.S. Chaney, W.J. Nelson, S.G. Lucas, C.V. Looy, K. Quick, and Wang Jun. 2007. A low diversity, seasonal tropical landscape dominated by conifers and peltasperms: Early Permian Abo Formation, New Mexico. *Review of Palaeobotany and Palynology* 145: 249-273.

DiMichele, W.A., H.J. Falcon-Lang, W.J. Nelson, S.D. Elrick, and P.R. Ames. 2007. Ecological gradients within a Middle Pennsylvanian peat mire forest. *Geology* 35: 415-418.

Montañez, I.P., N.J. Tabor, D. Niemeier, W.A. DiMichele, T.D. Frank, C.R. Fielding, and J.L. Isbell. 2007. CO<sub>2</sub>-forced climate and vegetation instability during Late Paleozoic deglaciation. *Science* 315: 87-91.

Willard, D.A., T.L. Phillips, A.D. Lesnikowska, and W.A. DiMichele. 2007. Paleoeology of the Late Pennsylvanian-Age Calhoun coal bed and implications for long-term dynamics of wetland ecosystems. *International Journal of Coal Geology* 69: 21-54.

**Gastaldo, R.A.**

Gastaldo, R.A. and C.W. Degges. 2007. Sedimentology and paleontology of a Carboniferous log jam. *International Journal of Coal Geology* 69:103-118.

Pfefferkorn, H.W. R.A. Gastaldo, W.A. DiMichele, and T.L. Phillips. In press. Pennsylvanian tropical floras from the United States as a record of changing climate. In C.R. Fielding, T.D. Frank and J.L. Isbell,

[eds.], Resolving the Late Paleozoic Gondwanan Ice Age in Time and Space. GSA Special Paper 441.

**Hernick, L.V.**

Stein, W.E., F. Mannolini, L.V. Hernick, E. Landing, and C.M. Berry. 2007. Giant cladoxylipsoid trees resolve the enigma of the Earth's earliest forest stumps at Gilboa. *Nature* 446: 904-907.

**Kerp, H.**

DiMichele W.A., H. Kerp, N.J. Tabor and C.V. Looy. In press. Revisiting the so-called "Paleophytic-Mesophytic" transition in equatorial Pangea. *Palaeogeography Palaeoclimatology Palaeoecology*.

Kerp, H., R. Noll and D. Uhl. 2007. Übersicht über Pflanzengruppen und Vegetations-entwicklung im Permokarbon des Saar-Nahe Beckens. In T. Schindler and U.H.J. Heidtke [eds.], *Kohlesümpfe, Seen und Halbwüsten*. Pollichia, Sonderveröffentlichung, 10: 42-74.

Kerp, H., R. Noll and D. Uhl. 2007. Vegetationsbilder aus dem saarpfälzischen Permokarbon. In T. Schindler and U.H.J. Heidtke [eds.], *Kohlesümpfe, Seen und Halbwüsten*. Pollichia, Sonderveröffentlichung, 10: 76-109.

Krings, M., H. Kerp, and B. Bomfleur. In press. Zur Wedelentwicklung und Heterophyllie bei Pteridospermen aus dem Oberkarbon und Unterperm. *Abhandlungen des Westfälischen Museums für Naturkunde*.

Krings, M., H. Kerp, H. Hass, T.N. Taylor and N. Dotzler. 2007. A filamentous cyanobacterium showing structured colonial growth from the Early Devonian Rhynie chert. *Review of Palaeobotany and Palynology* 146: 265-276.

Krings, M., T.N. Taylor, H. Hass, H. Kerp, N. Dotzler and E.J. Hermsen. 2007. An alternative mode of early land plant colonization by putative endomycorrhizal fungi. *Plant Signaling & Behavior* 2: 125-126.

Krings, M., T.N. Taylor, H. Hass, H. Kerp, N. Dotzler, and E.J. Hermsen. 2007. Fungal endophytes in a 400 million-year-old land plant: infection pathways, spatial distribution, and host responses. *New Phytologist* 174: 648-657.

Uhl, D., A. Abu Hamad, H. Kerp and K. Bandel. 2007. Charcoalified wood from the Late Permian Um

Irna Formation of Jordan. *Review of Palaeobotany and Palynology* 144: 221-230.

**Knoll, A.H.**

Boyce, C.K., C. L. Hotton, M.L. Fogel, G.D. Cody, R.M. Hazen, A.H. Knoll, and F.M. Hueber. 2007. Devonian landscape heterogeneity recorded by a giant fungus. *Geology* 35: 399-402.

Knoll, A.H., R.K. Bambach, J. Payne, S. Pruss, and W. Fischer. 2007. A paleophysiological perspective on the end-Permian mass extinction and its aftermath. *Earth and Planetary Science Letters* 256: 295-313.

**Krings, M.**

Dotzler, N., M. Krings, R. Agerer, J. Galtier, and T.N. Taylor. In press. *Combresomyces cornifer* nov. gen. et sp., an endophytic peronosporomycete in *Lepidodendron* from the Carboniferous of central France. *Mycological Research*.

Dotzler, N., T.N. Taylor, and M. Krings 2007. A prasinophycean alga of the genus *Cymatiosphaera* in the Early Devonian Rhynie chert. *Review of Palaeobotany and Palynology* 147: 106-111.

Krings, M., N. Dotzler, T.N. Taylor, and J. Galtier 2007. A microfungal assemblage in *Lepidodendron* from the Upper Viséan (Carboniferous) of central France. *Comptes Rendus Palevol* 6: 431-436.

Krings, M., H. Kerp, and B. Bomfleur. In press. Zur Wedelentwicklung und Heterophyllie bei Pteridospermen aus dem Oberkarbon und Unterperm. *Abhandlungen aus dem Westfälischen Museum für Naturkunde*.

Krings, M., H. Kerp, H. Hass, T.N. Taylor, and N. Dotzler 2007. A filamentous cyanobacterium showing structured colonial growth from the Early Devonian Rhynie chert. *Review of Palaeobotany and Palynology* 146: 265-276.

Krings, M., S.D. Klavins, S. Lausberg, M. Barthel, R. Serbet, T.N. Taylor, and E.L. Taylor 2007. *Perissothallus*, a new genus for Late Pennsylvanian-Early Permian noncalcareous algae conventionally assigned to *Schizopteris* (aphlebooid foliage). *Botanical Journal of the Linnean Society* 153: 477-488.

Krings, M., T.N. Taylor, H. Hass, H. Kerp, N. Dotzler, and E.J. Hermsen 2007a. An alternative mode of early land plant colonization by putative

endomycorrhizal fungi. *Plant Signaling & Behavior* 2: 125–126.

Krings, M., T.N. Taylor, H. Hass, H. Kerp, N. Dotzler, and E.J. Hermsen 2007b. Fungal endophytes in a 400-million-yr-old land plant: infection pathways, spatial distribution, and host responses. *New Phytologist* 174: 648–657.

**Pigg, K.B.**

Nishida, H., K.B. Pigg, K. Kudo, and J.F. Rigby. 2007. New evidence of reproductive organs of *Glossopteris* based on permineralized fossils from Queensland, Australia. I. Ovulate organ *Homevaleia* gen. nov. *Journal of Plant Research* 120: 539-549.

**Retallack, G.J.**

Retallack, G.J. 2007. Drab-haloed filament traces in paleosols as evidence of Cambrian biological soil crusts. Abstracts of the Annual Meeting of the Geological Society of America 39(6): 410.

**Rothwell, G.W.**

Bateman, R.M., P. Kenrick, and G.W. Rothwell. 2007. Do eligulate herbaceous lycopsids occur in Palaeozoic strata? *Hestia eremosa* gen. et sp. nov. from the Dinantian of Oxroad Bay, East Lothian, Scotland. *Review of Palaeobotany and Palynology* 144: 323-335.

Hernandez-Castillo, G.R., R.A. Stockey, G.W. Rothwell, and G. Mapes. 2007. Diversity among Pennsylvanian age walchian conifer plants: a third species of the genus *Emporia*. *Plant Biology and Botany 2007*, Chicago. Program and Abstracts: CP18007: 214.

Johnson, K., G. Mapes, L. Doguzhaeva, and G.W. Rothwell. 2007. *Cardiocarpus angarensis* sp. nov., and the Late Paleozoic diversity of Angaran coniferophytes. *Botanical Journal of the Linnean Society* 155: 297-305.

Tomescu, A.M.F., Pratt, L.M., and G.W. Rothwell. 2007. Terrestrial stable carbon isotope signatures in Ordovician-Silurian (455-420 Ma) compression biotas of the Appalachians. *Plant Biology and Botany 2007*, Chicago. Program and Abstracts: CP18002: 213.

**Schopf, J.W.**

Chen, J.-Y., J.W. Schopf, D.J. Bottjer, C.-Y. Zhang, A.B. Kudryavtsev, X.-Q. Wwang, Y.-H. Yang, and X. Gao. 2007. Raman spectra of a Lower Cambrian ctenophore embryo from SW Shaanxi, China.

*Proceedings of the National Academy of Sciences, USA* 104: 6289-6292.

Taylor, P.D., A.B. Kudryavtsev, and J.W. Schopf. 2007. Calcite and aragonite distributions in the skeletons of biminerals bryozoans as revealed by Raman spectroscopy. *Invertebrate Biology* 127: 87-97.

**Stein, W.E.**

Dannenhoffer, J.M., W.E. Stein, and P.M. Bonamo. 2007. The primary body of *Rellimia thomsonii*: Integrated perspective based on organically connected specimens. *International Journal of Plant Science* 168 (4): 491-506

Stein, W.E., F. Mannolini, L.V. Hernick, E. Landing, and C.M. Berry. 2007. Giant cladoxypsid trees resolve the enigma of the Earth's earliest forest stumps at Gilboa. *Nature* 446: 904-907.

**Taylor, E.L.**

Krings, M., S.D. Klavins, M. Barthel, S. Lausberg, R. Serbet, T.N. Taylor and E.L. Taylor. 2007. *Perissothallus*, a new genus for Late Pennsylvanian-Early Permian noncalcareous algae conventionally assigned to *Schizopteris* (aphleboid foliage). *Botanical Journal of the Linnean Society* 153: 477-488.

Ryberg, P.E. and E.L. Taylor. 2007. Silicified wood from the Permian and Triassic of Antarctica: Tree rings from polar paleolatitudes In A.K. Cooper, C.R. Raymond, et al. [eds.], *Antarctica: A Keystone in a Changing World—Online Proceedings of the 10th ISAES (International Symposium on Antarctic Earth Sciences)*, U.S. Geological Survey Open File Report 2007-1047, Short Research Paper 080; doi: 10.3133/of2007-1047.srp080.

Taylor, E.L. and P.E. Ryberg 2007. Ovule-bearing reproductive organs of the glossopterid seed ferns from the Late Permian of the Beardmore Glacier Region, Antarctica. In A.K. Cooper, C.R. Raymond, et al. [eds.], *Antarctica: A Keystone in a Changing World—Online Proceedings of the 10th ISAES (International Symposium on Antarctic Earth Sciences)*, U.S. Geological Survey Open File Report 2007-1047, Short Research Paper 082; doi: 10.3133/of2007-1047.srp082.

Taylor, E.L. and P.E. Ryberg. 2007. Tree growth at polar latitudes based on fossil growth ring analysis. *Palaeogeography, Palaeoclimatology, Palaeoecology* 255: 246-264.

**Taylor, W.A.**

Taylor, W.A. In press. Laminae in palynomorph walls from the Middle Cambrian – Lower Devonian of North America. Review of Palaeobotany and Palynology.

Taylor, W.A. and P.K. Strother. In press. Ultrastructure, morphology, and topology of Cambrian palynomorphs from the Lone Rock Formation, Wisconsin, USA. Review of Palaeobotany and Palynology.

Taylor, W.A. and C.H. Wellman. In press. Ultrastructure of enigmatic phytoclasts (“banded tubes”) from the Silurian - Lower Devonian: evidence for affinities and role in early terrestrial ecosystems. Palaios.

**Wagner, R.H.**

Kullmann, J., R.H. Wagner, and C.F. Winkler-Prins. 2007. Significance for international correlation of the Perapertú Formation in northern Palencia, Cantabrian Mountains. Tectonic/stratigraphic context and description of Mississippian and Upper Bashkirian goniatites. Revista Española de Paleontología, 22 (2): 127-145.

Wagner, R.H. and J.B. Diez. 2007. Verdeña (Spain): life and death of a Carboniferous forest community. C.R. Palevol 6: 495-504.

Wagner, R.H. and E. Mayoral. 2007. The Early Permian of Valdevar in Sevilla province, SW Spain: basin history and climatic and palaeogeographic implications. Journal of Iberian Geology 33 (1): 93-124.

## PALEOZOIC PALYNOLOGY

**Osborn, J.M.**

Schwendemann, A.B., G. Wang, M.L. Mertz, R.T. McWilliams, S.L. Thatcher, and J.M. Osborn. 2007. Aerodynamics of saccate pollen and its implications for wind pollination. American Journal of Botany 94: 1371-1381.

**Strother, P.K.**

Strother, P.K. In press. A new Cambrian acritarch from the Nolichucky Shale, eastern Tennessee, U.S.A. Palynology.

Strother, P.K. 2007. Palynology of terrestrial landscapes in the lower Paleozoic. CIMP [Commission Internationale de Microflore du Paléozoïque] Lisbon '07. Abstracts. INETI, Lisbon, Portugal, pp. 77-78. [abstract].

Taylor, W.A. and P.K. Strother. In press. Ultrastructure of Cambrian palynomorphs from the Lone Rock Formation, Wisconsin, U.S.A. Review of Palaeobotany and Palynology.

Taylor, W.A. and P.K. Strother. In press. Ultrastructure of some problematic palynomorphs of non-marine origin from the Bright Angel Shale, eastern Grand Canyon, Arizona, U.S.A. Review of Palaeobotany and Palynology.

**Taylor, W.A.**

Taylor, W.A. In press. Laminae in palynomorph walls from the Middle Cambrian – Lower Devonian of North America. Review of Palaeobotany and Palynology.

Taylor, W.A. and P.K. Strother. In press. Ultrastructure, morphology, and topology of Cambrian palynomorphs from the Lone Rock Formation, Wisconsin, USA. Review of Palaeobotany and Palynology.

Taylor, W.A. and C.H. Wellman. In press. Ultrastructure of enigmatic phytoclasts (“banded tubes”) from the Silurian - Lower Devonian: evidence for affinities and role in early terrestrial ecosystems. Palaios.

## MESOZOIC

**Ash, S.R.**

Ash, S.R. 2007. Order Dechellyiales Ash nov. In J.M. Anderson, H.M. Anderson, and C.J. Cleal [eds.], Brief history of the gymnosperms: classification, phytogeography and ecology. Strelitzia 20: 207.

Krassilov, V.A. and S.R. Ash. 2007. Dinophytonales Krassilov and Ash nov. In J.M. Anderson, H.M. Anderson, and C.J. Cleal [eds.], Brief history of the gymnosperms: classification, phytogeography and ecology. Strelitzia 20: 206.

Ash, S.R. 2007. Petrified Forests In McGraw-Hill Encyclopedia of Sciences and Technology, 10th Edition. Vol.13, p. 230-234.

Ash, S.R. In press. An Upper Triassic flora and associated invertebrate fossils from the lower part of the Chinle Formation in Dinnebito Wash, central Arizona. Palaeontographica B.

**Crane, P.R.**

Balthazar, M.Von, K.R. Pedersen, P.R. Crane, and E.M. Friis. 2007. *Potomacanthus lobatus* gen. et sp. nov., a new flower of probable Lauraceae from the Early Cretaceous (Early to Middle Albian) of eastern North America. *American Journal of Botany* 94: 2041-2053.

Friis, E.M., P.R. Crane, K.R. Pedersen, S. Bengston, P.C.J. Donoghue, and M. Stamponi. 2007. Phase-contrast X-ray microtomography links Cretaceous seeds with Gnetales and Bennettitales. *Nature* 450: 549-552.

Pedersen, K.R., M. Von Balthazar, P.R. Crane and E.M. Friis. 2007. Early Cretaceous floral structures and in situ tricolpate-striate pollen: New early eudicots from Portugal. *Grana* 46: 176-196.

Takahashi, M., E.M. Friis and P.R. Crane. 2007. Fossil seeds of Nymphaeales from the Tamayama Formation (Futaba Group, Early Santonian), Upper Cretaceous of Northwest Japan. *International Journal of Plant Sciences* 168: 341-350.

**Dilcher, D.L.**

Dilcher, D.L., G. Sun, Q. Ji, and H. Li. 2007. An early inflorescence *Hyracantha decussata* (comb. nov.) from the Yixian Formation of northeastern China. *Proceedings of the National Academy of Sciences* 104 (22): 9370-9374.

Hu, S., D.M. Jarzen, and D.L. Dilcher. In press. New species of angiosperm pollen from the Dakota Formation (Cenomanian, Upper Cretaceous) of Minnesota, U.S.A. *Palynology*.

Sun, G., M.A. Akhmetiev, L. Golovneva, E. Bugdaeva, C. Quan, T.M. Kodrul, H. Nishida, Y. Sun, C. Sun, K. Johnson, and D. Dilcher. 2007. Late Cretaceous plants from Jiayin along Heilongjiang River, Northeast China. In D. M. Jarzen, S. R. Manchester, G. J. Retallack, and S. A. Jarzen [eds.], *Advances in Angiosperm Paleobotany and Paleoclimatic Reconstruction, Contributions Honouring David L. Dilcher and Jack A. Wolfe*. *Courier Forschungsinstitut Senckenberg* 258: 75-84.

Sun C., D.L. Dilcher, H. Wang, G. Sun, and Y. Ge. In press. A Study of *Ginkgo* leaves from the Middle Jurassic of Inner Mongolia, China. *International Journal of Plant Sciences*.

Wang, H. and D.L. Dilcher. In press. Angiosperm leaf megafossils from the Late Cretaceous: Courtland I

locality, Minnesota, USA. *Palaeontographica Abteilung B*.

Wang, X., D.L. Dilcher, T.A. Lott, and Y. Li. In press. *Parapodocarpus* gen. nov. and its implications for interpreting the ovulate organ in Podocarpaceae. *Geophytology*.

**Hickey, L.J.**

Miller, I.M., and L.J. Hickey. In press. The fossil flora of the Winthrop Formation (Albian-Early Cretaceous) of Washington State, USA. Part I: Bryophyta and Pteridophytina. *Bulletin of the Peabody Museum of Natural History, Yale University* 49.

Peppe, D.J., J.M. Erickson, and L.J. Hickey. 2007. Fossil leaf species from the Fox Hills Formation (Upper Cretaceous: North Dakota, USA) and their paleogeographic significance. *Journal of Paleontology* 81: 550-567.

**Kerp, H.**

Bomfleur, B., J. Schneider, L. Viereck-Götte and H. Kerp. 2007. Exceptionally well-preserved Triassic and Early Jurassic floras from North Victoria Land, Antarctica. Reston, WV. USGS Open File Report, 2007-1047, 4 pp.

Pott, C., H. Kerp and M. Krings. 2007. Morphology and epidermal anatomy of *Nilssonia* (cycadalean foliage) from the Upper Triassic of Lunz (Lower Austria). *Review of Palaeobotany and Palynology* 143: 197-217.

Pott, C., M. Krings, and H. Kerp. 2007. The first record of *Nilssoniopteris* (bennettitalean foliage) from the Carnian (Upper Triassic) of Lunz, Lower Austria. *Palaeontology* 50: 1299-1318.

Pott, C., M. Krings, and H. Kerp. 2007. *Pseudoctenis cornelii* nov. spec. (cycadalean foliage) from the Carnian (Upper Triassic) of Lunz, Lower Austria. *Annalen des Naturhistorischen Museums Wien* 109 A: 1-17.

Pott, C., M. Krings, and H. Kerp. 2007. A surface micro-relief on the leaves of *Glossophyllum florinii* (?Ginkgoales) from the Upper Triassic of Lunz, Austria. *Botanical Journal of the Linnean Society London*. 153: 87-95.

Pott, C., M. Krings, and H. Kerp. In press. The Carnian (Late Triassic) flora from Lunz in Lower

Austria: palaeoecological considerations.  
 Palaeoworld. doi: 10.1016/j.palwor.2008.03.001

Pott, C., C.C. Labandeira, M. Krings, and H. Kerp. In press. Fossil insect eggs and ovipositional damage on bennettitalean leaf cuticles from the Carnian (Upper Triassic) of Austria. *Journal of Paleontology*.

Pott, C., I.A. Miller, H. Kerp, J.H.A. van Konijnenburg-van Cittert, and G. Zijlstra. 2007. Proposal to conserve the name *Pterophyllum* (Foss. Bennettitales) with a conserved type. *Taxon* 56: 966-967.

Pott, C., J.H.A. van Konijnenburg-van Cittert, H. Kerp, and M. Krings. 2007. Revision of the *Pterophyllum* species (Cycadophytina: Bennettitales) in the Carnian (Late Triassic) flora from Lunz, Lower Austria. *Review of Palaeobotany and Palynology* 147: 3-27.

**Krings, M.**

Pott, C., H. Kerp, and M. Krings 2007. Morphology and epidermal anatomy of *Nilssonia* (cycadalean foliage) from the Upper Triassic of Lunz (Lower Austria). *Review of Palaeobotany and Palynology* 143: 197-217.

Pott, C., H. Kerp, and M. Krings 2007. *Pseudoctenis cornelii* nov. spec. (cycadalean foliage) from the Carnian (Upper Triassic) of Lunz, Lower Austria. *Annalen des Naturhistorischen Museums in Wien, Serie A* 109: 1-17.

Pott, C. and M. Krings 2007. First record of circinate venation in bennettitalean foliage. *Neues Jahrbuch für Geologie und Paläontologie, Abhandlungen* 245: 315-321.

Pott, C., M. Krings, and H. Kerp 2007. A surface micro-relief on the leaves of *Glossophyllum florinii* (?Ginkgoales) from the Upper Triassic of Lunz, Austria. *Botanical Journal of the Linnean Society* 153: 87-95.

Pott, C., M. Krings, and H. Kerp 2007. First record of *Nilssoniopteris* (Gymnospermophyta, Bennettitales) from the Carnian (Upper Triassic) of Lunz, Lower Austria. *Palaeontology* 50: 1299-1318.

Pott, C., M. Krings, and H. Kerp. In press. The Carnian (Late Triassic) flora from Lunz in Lower Austria: palaeoecological considerations.  
 Palaeoworld.

Pott, C., C.C. Labandeira, M. Krings, and H. Kerp. In press. Fossil insect eggs and ovipositional damage on bennettitalean leaf cuticles from the Carnian (Upper Triassic) of Austria. *Journal of Paleontology*.

Pott, C., J.H.A. van Konijnenburg-van Cittert, H. Kerp, and M. Krings 2007. Revision of the *Pterophyllum* species (Cycadophytina: Bennettitales) in the Carnian (Late Triassic) flora from Lunz, Lower Austria. *Review of Palaeobotany and Palynology* 147: 3-27.

**Kvaček, J.**

Herman, A.B. and J. Kvaček. 2007. Early Campanian Grünbach flora of Austria: systematic composition and palaeoclimatic interpretation. *Acta Palaeobotanica*, 47: 37-55.

Herman, A.B. and J. Kvaček. 2007. Early Campanian Grünbach flora of Austria. *Paleontological Journal (Moscow)* 41: 1-9.

Hradecká, L., J. Kvaček, H. Lobitzer, F. Schlagintweit, M. Svobodová, L. Švábenická. 2007. Bericht über biostratigraphische paläobotanische und fazielle Arbeiten in der Gosau-Gruppe von Russbach am Pass Gschütt auf Blatt 95 St. Wolfgang im Salzkammergut. *Jahrbuch der Geologischen Bundesanstalt* 147: 684-686.

Kvaček, J. 2007. The conifer *Brachyphyllum squamosum* from the Bohemian Cenomanian. *Acta Palaeobotanica*, 47: 25-35.

Kvaček, J. 2007. Bericht über paläobotanische Untersuchungen in der Gosau des Tiefengrabens auf Blatt 95 St. Wolfgang im Salzkammergut. *Jahrbuch der Geologischen Bundesanstalt*, 147 (3-4): 684.

Kvaček, J. and J. Dašková. 2007. Revision of the type material in the genus *Nathorstia* Heer (Filicales). *Časopis Národního muzea, řada přírodovědná* 176: 117-123

Labandeira, C.C., J. Kvaček, and M.B. Mostovski. 2007. Pollination drops, pollen, and insect pollination of Mesozoic gymnosperms. *Taxon* 56: 663-695.

Tekleva, M.V., V.A. Krassilov, J. Kvaček, J.H.A. van Konijnenburg-van Cittert. 2006. Pollen genus *Eucommiidites*: ultrastructure and affinities. *Acta Palaeobotanica*, 46: 137-155.

**Lott, T.A.**

Wang, X., D.L. Dilcher, T.A. Lott, and Y. Li. In press. *Parapodocarpus* gen. nov. and its implications for interpreting the ovulate organ in Podocarpaceae. Geophytology.

**McElwain, J.C.**

McElwain, J.C. M.E. Popa, S.P. Hesselbo, M. Haworth, and F. Surlyk. 2007. Macroecological responses of terrestrial vegetation to climate and atmospheric change across the Triassic/Jurassic boundary in East Greenland. *Paleobiology* 33 (4): 547-573.

**Pigg, K.B.**

Wilkins, N.D., J.D. Farmer, and K.B. Pigg. 2007. Paleoecology of Jurassic Navajo Sandstone interdune environments: an integrated view based on sedimentology, geochemistry, and paleontology. Geological Society of America (Denver, October 2007): Abstract.

**Retallack, G.J.**

Retallack, G.J. 2007. Early Cretaceous (Aptian) atmospheric CO<sub>2</sub> spike inferred from stomatal index of fossil *Ginkgo* leaves. *Proceedings of the Oregon Academy of Sciences* 43: 35.

Retallack, G.J., T. Greaver, and A.H. Jahren. 2007. Return to Coalsack Bluff and the Permian-Triassic boundary in Antarctica. *Global and Planetary Change* 55: 90-108.

**Rothwell, G.W.**

Jud, N.A., G.W. Rothwell, and R.A. Stockey. 2007. Fossil evidence for the genus *Todea*: implications for the phylogeny of Osmundaceae. *Plant Biology and Botany 2007*, Chicago. Program and Abstracts: CP11001: 210.

Mapes, G., R.A. Stockey, J. Hilton, and G.W. Rothwell. 2007. Origins of modern conifer families: Jurassic seed cones from Scotland. *Plant Biology and Botany 2007*, Chicago. Program and Abstracts: CP27003: 215.

Rothwell, G. W., G. Mapes, J. Hilton, and N. Hollingsworth. 2007. Anatomy of cheirolepidiacean pollen cones; *Classostrobus crossii* sp. nov. *International Journal of Coal Geology* 69: 55-57.

Stockey, R.A. and G.W. Rothwell. 2007. Erratum to "Stockey, R.A. and Rothwell. G.W., 2004. Cretaceous tree ferns of western North America: *Rickwoodopteris hirsuta* gen. et sp. nov.

(Cyatheaceae s.l.) Review of Palaeobotany and Palynology 144: 363-364.

Stockey, R.A. and G.W. Rothwell. 2007. In search of the first flowering plants: permineralized vegetation from the Valanginian/Hauterivian boundary on Vancouver Island, Canada. *Plant Biology and Botany 2007*, Chicago. Program and Abstracts: CP27004: 215.

Stockey, R.A. and G.W. Rothwell. 2007. Lower Cretaceous seed plants from Apple Bay, northern Vancouver Island: the earliest known flowering plants? Or the last of the seed ferns? 7th Abstracts of the BC Paleontological Symposium, Courtenay.

Stockey, R.A. and G.W. Rothwell. 2007. Stalking the first flowering plants: permineralized vegetation from the Valanginian/Hauterivian boundary on Vancouver Island, Canada. In *Search of the Earliest Flowers: An International Symposium*, Stockholm, Sweden. p. 22.

Stockey, R.A., G.W. Rothwell, and K.R. Johnson. 2007. *Cobbania corrugata* (Lesquereux) gen. et comb. nov. (Araceae): a floating aquatic monocot from the Upper Cretaceous of North America. *American Journal of Botany* 94: 609-624.

**Taylor, E.L.**

Axsmith, B.J., E.L. Taylor, and T.N. Taylor. 2007. The 'New approach to Corystospermales' and the Antarctic fossil record: A critique. *Ameghiniana* 44(1): 223-230.

Hermesen, E.J., T.N. Taylor, and E.L. Taylor. 2007. A voltzialean pollen cone from the Triassic of Antarctica. *Review of Palaeobotany and Palynology* 144(3-4): 113-122.

Hermesen, E.J., T.N. Taylor, E.L. Taylor, and D.W. Stevenson. 2007. Cycads from the Triassic of Antarctica: Permineralized cycad leaves. *International Journal of Plant Sciences* 168(7): 1099-1112.

Ryberg, P.E. and E.L. Taylor. 2007. Silicified wood from the Permian and Triassic of Antarctica: Tree rings from polar paleolatitudes In A.K. Cooper, C.R. Raymond, et al. [eds.], *Antarctica: A Keystone in a Changing World—Online Proceedings of the 10th ISAES (International Symposium on Antarctic Earth Sciences)*, U.S. Geological Survey Open File Report 2007-1047, Short Research Paper 080; doi: 10.3133/of2007-1047.srp080.

Ryberg, P.E., E.L. Taylor, and T.N. Taylor. 2007. Secondary phloem anatomy of Cycadeoidea (Bennettitales). *American Journal of Botany* 94(5): 791-798.

Schwendemann, A.B., T.N. Taylor, and E.L. Taylor. In press. Pollen of the Triassic cycad *Delemaya spinulosa* and implications on cycad evolution. Review of Palaeobotany and Palynology.

Taylor, E.L. and P.E. Ryberg. 2007. Tree growth at polar latitudes based on fossil growth ring analysis. *Palaeogeography, Palaeoclimatology, Palaeoecology* 255: 246-264.

**Tidwell, W.D.**

Tidwell, W.D., M. Connely, and B.B. Brooks. 2007. A flora from the base of the Upper Jurassic Morrison Formation near Como Bluff Wyoming, USA. In J.R. Foster and S.G. Lucas [eds.], *Paleontology and Geology of the Upper Jurassic Morrison Formation*, 171-181. New Mexico Museum of Natural History and Science Bulletin 36, Albuquerque, New Mexico.

Tidwell, W.D., B.B. Britt, and L.S. Tidwell. 2007. A review of the Cretaceous floras of east-central Utah and western Colorado. In G.C. Willis, M.D. Hylland, D.L. Clark, and T.C. Chidsey, Jr. [eds.], *Central Utah, Diverse Geology of A Dynamic Landscape*, 467-482. Utah Geological Association Publication 36, Salt Lake City, Utah.

**Upchurch, G.R.**

Bogner, J., K.R. Johnson, Z. Kvacek, and G.R. Upchurch, Jr. 2007. New fossil leaves of Araceae from the Late Cretaceous and Paleogene of western North America. *Zitteliana* A47: 133-147.

Upchurch, G.R., Jr., B.H. Lomax, and D.J. Beerling. 2007. Paleobotanical Evidence for Climatic Change across the Cretaceous-Tertiary Boundary, North America: Twenty Years after Wolfe and Upchurch. In D.M. Jarzen, S.R. Manchester, G.J. Retallack, and S.A. Jarzen [eds.], *Advances in Angiosperm Paleobotany and Paleoclimatic Reconstruction: Contributions Honouring David L. Dilcher and Jack A. Wolfe*. Courier Forschungsinstitut Senckenberg 258: 57-74.

**Wang, H.**

Sun C., D.L. Dilcher, H. Wang, G. Sun, and Y. Ge. In press. A Study of *Ginkgo* leaves from the Middle Jurassic of Inner Mongolia, China. *International Journal of Plant Sciences*.

Wang, H. and D.L. Dilcher. In press. Angiosperm leaf megafossils from the Late Cretaceous: Courtland I locality, Minnesota, USA. *Palaeontographica Abteilung B*.

**Wang, X.**

Wang, X., and J. Cui. 2007. The first observation on plant cell fossils in China. *Acta Geologica Sinica* 81: 16-22.

Wang, X., S. Duan, B. Geng, J. Cui, and Y. Yang. 2007. Is Jurassic *Schmeissneria* an angiosperm? *Acta Palaeontologica Sinica* 46: 486-490.

Wang, X., S. Duan, B. Geng, J. Cui, and Y. Yang. 2007. *Schmeissneria*: A missing link to angiosperms? *BMC Evolutionary Biology* 7: 14.

## MESOZOIC PALYNOLOGY

**Baghai-Riding, N.L.**

Jackson, S. C., Baghai-Riding, N. L. and Campbell, C. 2007. Palynological analysis of an Owl Creek sample from Stoddard County, Missouri, Botanical Society of America Scientific Meeting, Recent Topics Abstract.

**Mickle, J.E.**

Mitra, M. and J. E. Mickle. 2007. Palynological age assessment of localities (Tar Heel Formation) in North Carolina. *Journal of the North Carolina Academy of Science* 123(1): 60-64.

**Osborn, J.M.**

Schwendemann, A.B., G. Wang, M.L. Mertz, R.T. McWilliams, S.L. Thatcher, and J.M. Osborn. 2007. Aerodynamics of saccate pollen and its implications for wind pollination. *American Journal of Botany* 94: 1371-1381.

## TERTIARY

**Basinger, J.F.**

Basinger, J.F., D.R. Greenwood, P.G. Wilson, and D.C. Christophel. 2007. Fossil flowers and fruits of capsular Myrtaceae from the Eocene of South Australia. *Canadian Journal of Botany* 85: 204-215.

Liu, Y.S. and J.F. Basinger. In press. *Metasequoia Miki ex Hu et Cheng* (Cupressaceae) from the Eocene of Axel Heiberg Island, Canadian High Arctic. *Palaeontographica Abt. B*.

Liu, Y.S., B.A.R. Mohr, and J.F. Basinger. In press. Historical biogeography of the genus *Chamaecyparis* (Cupressaceae, Coniferales) based on its fossil record. *Senckenbergiana Lethaea*.

**Benedict, J.C.**

Benedict, J.C., W. Taylor, K.B. Pigg, and M.L. DeVore. 2007. Late Paleocene seeds from Beicegel Creek (McKenzie County, North Dakota, USA) with affinities to the genus *Spirematospermum* Chandler (Zingiberales). Botany 2007 (Chicago, July 2007): Abstract.

DeVore, M.L., K.B. Pigg, J.C. Benedict, and W. Taylor. 2007. Recent contributions to the flora of the Okanogan Highlands, eastern Washington State. 25th Midcontinental Paleobotanical Colloquium (Mobile, March 2007): Abstract.

**DeVore, M.L.**

Benedict, J.C., W. Taylor, K.B. Pigg, and M.L. DeVore. 2007. Late Paleocene seeds from Beicegel Creek (McKenzie County, North Dakota, USA) with affinities to the genus *Spirematospermum* Chandler (Zingiberales). Botany 2007 (Chicago, July 2007): Abstract.

DeVore, M.L. and K.B. Pigg. 2007. A brief review of the fossil history of the family Rosaceae with a focus on the Eocene Okanogan Highlands of eastern Washington State, USA, and British Columbia, Canada. *Plant Systematics and Evolution* 266: 45-57.

DeVore, M.L., K.B. Pigg, J.C. Benedict, and W. Taylor. 2007. Recent contributions to the flora of the Okanogan Highlands, eastern Washington State. 25th Midcontinental Paleobotanical Colloquium (Mobile, March 2007): Abstract.

Matthews, T., K.B. Pigg, M.L. DeVore, and J. Rhode. 2007. Anatomically preserved *Isoetes* from the Paleocene of North Dakota: utility in ascertaining paleohabitat. Geological Society of America, Southeast Section.

Pigg, K.B., and M.L. DeVore. 2007. Pigg, K.B. and M.L. DeVore. 2007. East meets West: the contrasting contributions of David L. Dilcher and Jack A. Wolfe to Eocene systematic paleobotany in North America. In D. M. Jarzen, S. R. Manchester, G. J. Retallack, and S. A. Jarzen [eds.], *Advances in Angiosperm Paleobotany and Paleoclimatic Reconstruction, Contributions Honouring David L. Dilcher and Jack A. Wolfe*. Courier

Forschungsinstitut Senckenberg 258: 85-94.

Pigg, K.B., R.M. Dillhoff, M.L. DeVore, and W.C. Wehr. 2007. New diversity among the Trochodendraceae from the Early/Middle Eocene Okanogan Highlands of British Columbia, Canada and northeastern Washington State, USA. *International Journal of Plant Sciences* 168: 521-532.

Pigg, K.B., T.A. Dillhoff, and M.L. DeVore. 2007. Paleoenvironment of a newly discovered Middle Miocene "bog" locality, Columbia River Basalts, near Ellensburg, WA: a preliminary report. *Quaternary and Tertiary Records of Past Environments, Pacific Northwest II: In Honor of Calvin Heusser* (organized by E. B. Leopold and R. Mathewes), Geological Society of America, Cordillaran Section, Bellingham, WA, May, 2007.

Taylor, W.T., K.B. Pigg, M.L. DeVore, and D. Freile. 2007. Late Paleocene Almont and Beicegel Creek: floristic comparisons are related to depositional environments. Geological Society of America, Southeast Section.

Wilkins, N.D., M.L. DeVore, E. Barman, and K.B. Pigg. 2007. Anatomically preserved caterpillar coprolites from the Middle Miocene Yakima Canyon flora of central Washington State, USA. Geological Society of America (Denver, October 2007): Abstract.

**Dilcher, D.L.**

Uhl, D., S. Klotz, C. Traiser, C. Thiel, T. Utescher, E. Kowalski, and D.L. Dilcher. 2007. Cenozoic paleotemperatures and leaf physiognomy – A European perspective. *Palaeogeography, Palaeoclimatology, Palaeoecology* 248: 24-31.

Wang, Q., D.L. Dilcher, and T.A. Lott. 2007. *Podocarpium* A. Braun ex Stizenberger 1851 from the middle Miocene of Eastern China, and its paleoecology and biogeography. *Acta Palaeobotanica* 47(1): 237-251.

**Doyle, J.A.**

Doyle, J.A., S.R. Manchester, and H. Sauquet. In press. A seed related to Myristicaceae in the Early Eocene of southern England. *Systematic Botany*.

**Greenwood, D.R.**

Basinger, J.F., D.R. Greenwood, P.G. Wilson, and D.C. Christophel. 2007. Flowers and fruits of the capsular Myrtaceae from the Eocene of South

Australia. *Canadian Journal of Botany* 85(2): 204-215.

**Hickey, L.J.**

Manchester, S.R. and L.J. Hickey. 2007. Reproductive and vegetative organs of *Browniea* gen. n. (Nyssaceae) from the Paleocene of North America. *International Journal of Plant Sciences* 168(2): 229-249.

Yang, H., and L.J. Hickey [eds.] 2007. *Metasequoia*: Back from the Brink? An Update. Proceedings of the Second International Symposium on *Metasequoia* and Associated Plants, August 6-10, 2006. Bulletin of the Peabody Museum of Natural History, Yale University 48 (2): 179-426.

**Krings, M.**

Fleischmann, A., M. Krings, H. Mayr, and R. Agerer 2007. Structurally preserved polypores from the Neogene of North Africa: *Ganodermites libycus* gen. et sp. nov. (Polyporales, Ganodermataceae). *Review of Palaeobotany and Palynology* 145: 159-172.

**LePage, B.A.**

Havill, N.P., C.S. Campbell, T.F. Vining, B.A. LePage, and M.J. Donoghue. In press. Phylogeny and biogeography of *Tsuga* (Pinaceae) inferred from nuclear ribosomal ITS and chloroplast DNA sequence data. *Systematic Botany*.

LePage, B.A. 2007. The taxonomy and biogeographic history of *Glyptostrobus* Endlicher (Cupressaceae). Special Publication of the Peabody Museum of Natural History of Yale University 48: 359-426.

Richter, S.L., A.H. Johnson, M.M. Dranoff, B.A. LePage, and C.J. Williams. 2007. Oxygen isotope ratios in fossil wood cellulose II: Isotopic composition of Eocene- to Holocene-aged cellulose. *Geochimica et Cosmochimica Acta* 72: 2744-2753.

Schoenhut, K., B.A. LePage, and D.R. Vann. 2007. Identification of sun and shade leaves of *Metasequoia occidentalis* (Newberry) Chaney from the middle Eocene of the Canadian High Arctic. Special Publication of the Peabody Museum of Natural History of Yale University 48: 301-315.

Yang, H., Q. Leng, and B.A. LePage. 2007. Labile biomolecules play important supportive role in three-dimensionally preserved early Tertiary *Metasequoia* leaves from Ellesmere Island, Canadian Arctic Archipelago. Special Publication of the Peabody

Museum of Natural History of Yale University 48: 317-327.

**Liu, Y.S.**

Jiang, Y.L. and Y.S. Liu. In press. Determination of biomarker perylene preserve in the Late Neogene wood from northeastern Tennessee using fluorescence spectroscopy. *Organic Geochemistry*.

Liu, Y.S. and J.F. Basinger. In press. *Metasequoia* from the Eocene of Axel Heiberg Island, Canadian High Arctic. *Palaeontographica Abt. B*.

Liu, Y.S., B.A.R. Mohr, and J.F. Basinger. In press. Historical biogeography of the genus *Chamaecyparis* (Cupressaceae, Coniferales) based on its fossil record. *Senckenbergiana Lethaea*.

**Lott, T.A.**

Mehrotra, R.C., D.L. Dilcher, and T.A. Lott. Submitted. Notes on fossils from the Makum Coalfield, Assam, India. *The Palaeobotanist*.

Wang, Q., D.L. Dilcher, and T.A. Lott. 2007. *Podocarpium* A. Braun ex Stizenberger 1851 from the middle Miocene of Eastern China, and its paleoecology and biogeography. *Acta Palaeobotanica* 47(1): 237-251.

**Manchester, S.R.**

Burge, D.O. and S.R. Manchester. In press. Fruit morphology, fossil history and biogeography of *Paliurus* (Rhamnaceae). *International Journal of Plant Sciences*.

Chen, I., and S.R. Manchester. 2007. Seed morphology of modern and fossil *Ampelocissus* (Vitaceae) and implications for phytogeography. *American Journal of Botany* 94: 1534-1553.

Doyle, J.D., S.R. Manchester and H. Sauquet. In Press. A seed related to Myristicaceae in the early Eocene of southern England. *Systematic Botany*.

Manchester, S.R. and L.J. Hickey. 2007. Reproductive and vegetative organs of *Browniea* gen. n. (Nyssaceae) from the Paleocene of North America. *International Journal of Plant Sciences* 167(4): 897-908.

Manchester, S.R., and W.C. McIntosh. 2007. Late Eocene silicified fruits and seeds from the John Day Formation near Post, Oregon. *PaleoBios* 27(1): 7-17.

Manchester S.R. and K.B. Pigg. In press. The Eocene mystery flower of McAbee, British Columbia. *Canadian Journal of Botany*.

Manchester, S.R., V. Wilde, and M.E. Collinson. 2007. Fossil cashew nuts from the Eocene of Europe: Biogeographic links between Africa and South America. *International Journal of Plant Sciences* 168(8): 1199–1206.

Manchester, S.R., Q.-Y.(J.) Xiang, T.M. Kodrul, M.A. Akhmetiev. In press. Leaves of *Cornus* (Cornaceae) from the Paleocene of North America and Asia confirmed by trichome characters. *International Journal of Plant Sciences*.

Manchester, S.R., Q.-Y. (J) Xiang and Q.-P. Xiang. 2007. *Curtisia* (Cornales) from the Eocene of Europe and its phylogeographical significance. *Botanical Journal of the Linnean Society* 155: 127–134.

Manchester, S.R., and E. Zastawniak. 2007. Fruit with perianth remains of *Chaneya* Wang & Manchester (Extinct Rutaceae) in the Upper Miocene of Sos'nica, Poland. *Acta Palaeobotanica* 47: 253-259.

Pigg, K.B., S.R. Manchester and M.L. DeVore. In press. Fruits of Icacinaceae (Tribe Iodeae) from the Late Paleocene of western North America. *American Journal of Botany*.

Wheeler, E. A, and S.R. Manchester. 2007. Review of the wood anatomy of extant Ulmaceae as context for new reports of late Eocene *Ulmus* woods. *Bulletin of Geosciences, Czech Geological Survey* 82(4): 329-342.

#### **Pigg, K.B.**

Benedict, J.C., W. Taylor, K.B. Pigg, and M.L. DeVore. 2007. Late Paleocene seeds from Beicegel Creek (McKenzie County, North Dakota, USA) with affinities to the genus *Spirematospermum* Chandler (Zingiberales). *Botany 2007* (Chicago, July 2007): Abstract

DeVore, M.L. and K.B. Pigg. 2007. A brief review of the fossil history of the family Rosaceae with a focus on the Eocene Okanogan Highlands of eastern Washington State, USA, and British Columbia, Canada. *Plant Systematics and Evolution* 266: 45-57.

DeVore, M.L., K.B. Pigg, J.C. Benedict, and W. Taylor. 2007. Recent contributions to the flora of the Okanogan Highlands, eastern Washington State. 25th Midcontinental Paleobotanical Colloquium (Mobile, March 2007): Abstract.

Matthews, T., K.B. Pigg, M.L. DeVore, and J. Rhode. 2007. Anatomically preserved *Isoetes* from the Paleocene of North Dakota: utility in ascertaining paleohabitat. Geological Society of America, Southeast Section.

Pigg, K.B. and M.L. DeVore. 2007. East meets West: the contrasting contributions of David L. Dilcher and Jack A. Wolfe to Eocene systematic paleobotany in North America. In D. M. Jarzen, S. R. Manchester, G. J. Retallack, and S. A. Jarzen [eds.], *Advances in Angiosperm Paleobotany and Paleoclimatic Reconstruction, Contributions Honouring David L. Dilcher and Jack A. Wolfe*. Courier Forschungsinstitut Senckenberg 258: 85-94.

Pigg, K.B., R.M. Dillhoff, M.L. DeVore, and W.C. Wehr. 2007. New diversity among the Trochodendraceae from the Early/Middle Eocene Okanogan Highlands of British Columbia, Canada and northeastern Washington State, USA. *International Journal of Plant Sciences* 168: 521-532.

Pigg, K.B., T.A. Dillhoff, and M.L. DeVore. 2007. Paleoenvironment of a newly discovered Middle Miocene "bog" locality, Columbia River Basalts, near Ellensburg, WA: a preliminary report. *Quaternary and Tertiary Records of Past Environments, Pacific Northwest II: In Honor of Calvin Heusser* (organized by E. B. Leopold and R. Mathewes), Geological Society of America, Cordillaran Section, Bellingham, WA, May, 2007.

Taylor, W.T., K.B. Pigg, M.L. DeVore, and D. Freile. 2007. Late Paleocene Almont and Beicegel Creek: floristic comparisons are related to depositional environments. Geological Society of America, Southeast Section.

Wilkins, N.D., M.L. DeVore, E. Barman, and K.B. Pigg. 2007 Anatomically preserved caterpillar coprolites from the Middle Miocene Yakima Canyon flora of central Washington State, USA. Geological Society of America (Denver, October 2007): Abstract.

#### **Retallack, G.J.**

Emerson, L.F. and G.J. Retallack. 2007. Miocene coastal vegetation preserved by volcanic ash at Cape

- Blanco, Oregon. Abstracts of the Annual Meeting of the Geological Society of America 39(6): 401.
- Metzger, C.A. and G.J. Retallack. 2007. Paleosol record of the middle Miocene thermal maximum in the Australian outback. Abstracts of the Annual Meeting of the Geological Society of America 39(6): 499.
- Retallack, G.J. 2007. Cenozoic paleoclimate on land in North America. *Journal of Geology* 115: 271-194.
- Retallack, G.J. In press. Cenozoic cooling and grassland expansion in Oregon and Washington. *Paleobios*.
- Retallack, G.J. 2007. Paleosols. In W. Henke and I. Tattersall [ed.], *Handbook of paleoanthropology, Volume 1. Principles, methods and approaches*, 383-408. Springer, Berlin..
- Retallack, G.J., and M.X. Kirby. 2007. Middle Miocene global change and paleogeography of Panama. *Palaios* 22: 667-679.
- Sheldon, N.D. and G.J. Retallack. 2007. Non-marine records of climatic change across the Eocene-Oligocene transition: GSA Penrose Conference: The Late Eocene Earth: 66-68.
- Smith, S.Y.**  
Smith, S.Y. and R.A. Stockey. 2007. Establishing a fossil record for the perianthless Piperales: *Saururus tuckerae* sp. nov. (Saururaceae) from the Middle Eocene Princeton Chert. *American Journal of Botany* 94: 1642-1657.
- Strömberg, C.A.E.**  
Strömberg, C.A.E. and Z. Zhang. 2007. Neogene climatic and biotic changes in Eastern Eurasia: Preface. *Vertebrata Palasiatica* 45: 93-97.
- Strömberg, C.A.E., E.M. Friis, M.-M. Liang, L. Werdelin, and Y.-L. Zhang. 2007. Palaeoecology of an Early-Middle Miocene lake in China: preliminary interpretations based on phytoliths from the Shanwang Basin. *Vertebrata Palasiatica* 45: 145-160.
- Strömberg, C.A.E., L. Werdelin, E.M. Friis, and G. Saraç. 2007. The spread of grass-dominated habitats in Turkey and surrounding areas during the Cenozoic: phytolith evidence. *Palaeogeography, Palaeoclimatology, Palaeoecology* 250: 18-49.
- Taylor, W.**  
Benedict, J.C., W. Taylor, K.B. Pigg, and M.L. DeVore. 2007. Late Paleocene seeds from Beicegel Creek (McKenzie County, North Dakota, USA) with affinities to the genus *Spirematospermum* Chandler (Zingiberales). *Botany 2007 (Chicago, July 2007): Abstract*
- DeVore, M.L., K.B. Pigg, J.C. Benedict, and W. Taylor. 2007. Recent contributions to the flora of the Okanogan Highlands, eastern Washington State. 25th Midcontinental Paleobotanical Colloquium (Mobile, March 2007): Abstract.
- Taylor, W. 2007. *Cyclocarya* and its significance to the diversification of Juglandaceae. *Botany 2007 (Chicago, July 2007): Abstract*.
- Taylor, W., K.B. Pigg, M.L. DeVore, and D. Freile. 2007. Late Paleocene Almont and Beicegel Creek: floristic comparisons are related to depositional environments. Geological Society of America, Southeast Section.
- Upchurch, G.R.**  
Bogner, J., K.R. Johnson, Z. Kvacek, and G.R. Upchurch, Jr. 2007. New fossil leaves of Araceae from the Late Cretaceous and Paleogene of western North America. *Zitteliana* A47: 133-147.
- Upchurch, G.R., Jr., B.H. Lomax, and D.J. Beerling. 2007. Paleobotanical Evidence for Climatic Change across the Cretaceous-Tertiary Boundary, North America: Twenty Years after Wolfe and Upchurch. In D.M. Jarzen, S.R. Manchester, G.J. Retallack, and S.A. Jarzen [eds.], *Advances in Angiosperm Paleobotany and Paleoclimatic Reconstruction: Contributions Honouring David L. Dilcher and Jack A. Wolfe*. Courier Forschungsinstitut Senckenberg 258: 57-74.
- Wang, X.**  
Wang, X. 2007. Vivid fossils. *Evolution of Life* 1: 20-22.
- Wang, X., W. Liu, J. Cui, and K. Du. 2007. Palaeontological evidence for membrane fusion between a unit membrane and a half-unit membrane. *Molecular Membrane Biology* 24: 496-506.
- Wilf, P.**  
Danehy, D.R., P. Wilf, and S.A. Little. 2007. Early Eocene macroflora from the Red Hot Truck Stop locality (Meridian, Mississippi, USA). *Palaeontologia Electronica* 10: article 17A, 31 p.

## Tertiary

González, C.C., M.A. Gandolfo, M.C. Zamaloa, N.R. Cúneo, P. Wilf, and K.R. Johnson. 2007. Revision of

the Proteaceae macrofossil record from Patagonia, Argentina. *Botanical Review* 73: 235-266.

Iglesias, A., P. Wilf, K.R. Johnson, A.B. Zamuner, N.R. Cúneo, S.D. Matheos, and B.S. Singer. 2007. A Paleocene lowland macroflora from Patagonia reveals significantly greater richness than North American analogs. *Geology* 35: 947-950.

Labandeira, C.C., P. Wilf, K.R. Johnson, and F. Marsh. 2007. Guide to Insect (and other) Damage Types on Compressed Plant Fossils. Version 3.0. Smithsonian Institution, Washington, D.C. 25 p., [paleobiology.si.edu/insects/index.html](http://paleobiology.si.edu/insects/index.html).

Royer, D.L., L. Sack, P. Wilf, C.H. Lusk, G.J. Jordan, Ü. Niinemets, I.J. Wright, M. Westoby, B. Cariglino, P.D. Coley, A.D. Cutter, K.R. Johnson, C.C. Labandeira, A.T. Moles, M.B. Palmer, and F. Valladares, 2007. Fossil leaf economics quantified: calibration, Eocene case study, and implications. *Paleobiology* 33: 574-589.

### TERTIARY PALYNOLOGY

#### **Benedict, J.C.**

Taylor, W., K.B. Pigg, J.C. Benedict, and M.J. Farabee. 2007. Juglandaceous pollen in the Late Paleocene and its relationship to *Cyclocarya*. *Botany* 2007 (Chicago, July 2007): Abstract.

#### **DeVore, M.L.**

Pigg, K.B., M.L. DeVore, M.J. Farabee, and R. Zetter. 2007. Pollen and spore assemblage from the Late Paleocene Almont Lagerstätten. *Geological Society of America (Denver, October 2007): Abstract.*

Pigg, K.B., M.J. Farabee, R. Zetter, M. DeVore, S.R. Manchester, and M. Nowak. 2007. Studies of the pollen and spore assemblage of the Late Paleocene Almont flora of central North Dakota, USA. *Botany* 2007 (Chicago, July 2007): Abstract.

#### **Liu, Y.S.**

Liu, Y.S., R. Zetter, D.K. Ferguson, and B.A.R. Mohr. 2007. Evergreen and deciduous *Quercus* from the Miocene of Zhejiang, eastern China: the pollen record. *Review of Palaeobotany and Palynology* 145: 289-303.

#### **Pigg, K.B.**

Pigg, K.B., M.L. DeVore, M.J. Farabee, and R. Zetter. 2007. Pollen and spore assemblage from the Late Paleocene Almont Lagerstätten. *Geological*

*Society of America (Denver, October 2007): Abstract.*

Pigg, K.B., M.J. Farabee, R. Zetter, M. DeVore, S.R. Manchester, and M. Nowak. 2007. Studies of the pollen and spore assemblage of the Late Paleocene Almont flora of central North Dakota, USA. *Botany* 2007 (Chicago, July 2007): Abstract

Taylor, W., K.B. Pigg, J.C. Benedict, and M.J. Farabee. 2007. Juglandaceous pollen in the Late Paleocene and its relationship to *Cyclocarya*. *Botany* 2007 (Chicago, July 2007): Abstract.

#### **Smith, S.Y.**

Smith, S.Y. and R.A. Stockey. 2007. Pollen morphology and ultrastructure of Saururaceae. *Grana* 46: 250-267.

#### **Taylor, W.**

Taylor, W., K.B. Pigg, J.C. Benedict, and M.J. Farabee. 2007. Juglandaceous pollen in the Late Paleocene and its relationship to *Cyclocarya*. *Botany* 2007 (Chicago, July 2007): Abstract.

### QUATERNARY

#### **Dilcher, D.L.**

Steadman, D.W., R. Franz, G.S. Morgan, N.A. Albury, B. Kakuk, K. Broad, S.E. Franz, K. Tinker, M.P. Pateman, T.A. Lott, D.M. Jarzen, and D.L. Dilcher. 2007. Exceptionally well preserved late Quaternary plant and vertebrate fossils from a blue hole on Abaco, The Bahamas. *Proceedings of the National Academy of Sciences* 104: 19897-19902.

#### **Dunn, M.**

Buechler, W.K., M.T. Dunn, and W.C. Rember. 2007. Late Miocene Pickett Creek Flora of Owyhee County, Idaho. *Contributions from the Museum of Paleontology, The University of Michigan*. 31(12): 305-362.

#### **Grote, P.J.**

Grote, P.J. 2007. Studies of fruits and seeds from the Pleistocene of northeastern Thailand. *Courier Forschungsinstitut Senckenberg* 258: 171-181.

### QUATERNARY PALYNOLOGY

#### **Cohen, A.D.**

Foster, H.T. and A.D. Cohen. 2007. Palynological evidence of effects of the deerskin trade on eighteenth

century forests of southeastern North America. *American Antiquity* 72(1):35-51.

## TAPHONOMY

### Gastaldo, R.A.

Gastaldo, R.A., 2007. Taphonomy. In S.P. Parker [ed.], *McGraw Hill Encyclopedia of Science and Technology*. 10th Edition.

Gastaldo, R.A., and T.M. Demko. In press. Long term hydrology controls the plant fossil record. In P.A. Allison and D.J. Bottjer, [eds.], *Taphonomic Processes Through Time*: Springer Verlag Publishing.

### Greenwood, D.R.

Greenwood, D.R. 2007. North American Eocene leaves and climates: From Wolfe and Dilcher to Burnham and Wilf. In D.M. Jarzen, S.R. Manchester, G.J. Retallack, and S.A. Jarzen [eds.], *Advances in Angiosperm Paleobotany and Paleoclimatic Reconstruction: Contributions Honouring David L. Dilcher and Jack A. Wolfe*. Courier Forschungsinstitut Senckenberg 258: 95-108

### Schopf, J.W.

Schopf, J.W., A.B. Kudryavtsev, B. Tripathi, and A.D. Czaja. In press. Three-dimensional morphological (CLSM) and chemical (Raman) imagery of cellularly mineralized fossils. In P.A. Allison and D.J. Bottjer [eds.], *Taphonomy: Process and Bias Through Time*. Springer, Amsterdam.

### Wang, X.

Wang, X. 2007. High temperature as a mechanism for plant cytoplasm preservation in fossils. *Acta Geologica Sinica* 81: 183-193.

## NON-FOSSIL

### Basinger, J.F.

Allen, N., M. Nordlander, T. McGonigle, J. Basinger, and S. Kaminskyj. 2006. Arbuscular mycorrhizae on Axel Heiberg Island (80°N) and at Saskatoon (52°N) Canada. *Canadian Journal of Botany* 84: 1094-1100.

Ormsby, A., E. Hodson, J. Basinger, and S. Kaminskyj. 2007. Arbuscular mycorrhizae associated with Asteraceae in the Canadian High Arctic: the value of herbarium archives. *Canadian Journal of Botany* 85: 599-606.

### Boyce, C.K.

Boyce, C.K. 2007. Mechanisms of laminar growth in morphologically convergent leaves and flower petals. *International Journal of Plant Science* 168: 1151-1156.

### Crane, P.R.

Banks, H., P. Stafford, and P.R. Crane. 2007. Another look at the pollen apertures of *Nelumbo*. *Grana* 46: 157-163.

Forest, F., M.W. Chase, C. Persson, P.R. Crane, and J.A. Hawkins. 2007. The role of biotic and abiotic factors in the evolution of ant dispersal in the milkwort family (Polygalaceae). *Evolution* 61: 1675-1694.

Forest, F., I. Nänni, M.W. Chase, P.R. Crane, and J.A. Hawkins. 2007. Diversification of a large genus in a continental biodiversity hotspot: Temporal and spatial origin of *Muraltia* (Polygalaceae) in the Cape of South Africa. *Molecular Phylogenetics and Evolution* 43: 60-74.

### DeVore, M.L.

DeVore, M.L. 2007. "Arthur Cronquist" in *New Dictionary of Scientific Biography*, N. Koertge [ed.] vol 2, MacMillan, New York.

DeVore, M.L., Z. Zhao, R.K. Jansen, and J.J. Skvarla. 2007. Pollen morphology and ultrastructure of Calyceraceae. *Lundellia* 10: 32-48.

### Doyle, J.A.

Cantino, P.D., J.A. Doyle, S.W. Graham, W.S. Judd, R.G. Olmstead, D.E. Soltis, P.S. Soltis, and M.J. Donoghue. 2007. Towards a phylogenetic nomenclature of Tracheophyta. *Taxon* 56: 822-846.

Doyle, J.A. 2007. Systematic value and evolution of leaf architecture across the angiosperms in light of molecular phylogenetic analyses. *Courier Forschungsinstitut Senckenberg* 258: 21-37.

Endress, P.K., and J.A. Doyle. 2007. Floral phyllotaxis in basal angiosperms: development and evolution. *Current Opinion in Plant Biology* 10: 52-57.

Saarela, J.M., H.S. Rai, J.A. Doyle, P.K. Endress, S. Mathews, A.D. Marchant, B.G. Briggs, and S.W. Graham. 2007. Hydatellaceae identified as a new branch near the base of the angiosperm phylogenetic tree. *Nature* 446: 312-315.

**Gastaldo, R.A.**

Pace, D.W., R.A. Gastaldo, and J. Neveling. In press. Aggradational and degradational landscapes in the Early Triassic of the Karoo Basin and evidence for dramatic climate shifts following the P/Tr event. *Journal of Sedimentary Research*.

**Gee, C.**

Gee, C. and R. Gossmann. 2007. Die Tongrube Adendorf. In W. von Koenigswald and K.F. Simon [eds.], *Das Buch zur Georallye*, vol. I, 166-170. Bouvier-Verlag, Bonn.

Gee, C. and M. Sander. 2007. Das Goldfuss-Museum im Steinmann-Institut der Universität Bonn. In W. von Koenigswald and K.F. Simon [eds.], *Das Buch zur Georallye*, vol. I, 326-331. Bouvier-Verlag, Bonn.

**Knoll, A.H.**

Calvin, W.D., J.D. Shoffner, J.R. Johnson, A.H. Knoll, J.M. Pockock, S. Squyres, C. Weitz, R.E. Arvidson, J.F. Bell III, P.R. Christensen, W.H. Farrand, T.D. Glotch, K. Herkenhoff, B.L. Jolliff, A.T. Knudson, S.M. McLennan, D. Rogers, S.W. Ruff, and S.D. Thompson. In press. Hematite spherules at Meridiani: Results from MI, Mini-TES and Pancam. *Journal of Geophysical Research Planets*.

Farrand, W.H., J.F. Bell III, J.R. Johnson, B.L. Jolliff, A.H. Knoll, S.M. McLennan, S.W. Squyres, W.M. Calvin, J.P. Grotzinger, R.V. Morris, J. Soderblom, S.D. Thompson, W.A. Watters, and A.S. Yen. 2007. Visible and near-infrared multispectral analysis of rocks at Meridiani Planum, Mars, by the Mars Exploration Rover Opportunity. *Journal of Geophysical Research, Planets* 112: E06S02; doi:10.1029/2006JE002773.

Fernández-Remolar, D.C., C. Menor Salván, M. Ruíz Bermejo, and A.H. Knoll. 2007. The fate of biological materials in acidic environments of the Rio Tinto, southwestern Spain. In J. Seckbach [ed.], *Algae and Cyanobacteria in Extreme Environments. Cellular Origins, Life in Extreme Habitats and Astrobiology*, Volume 11, 262-268. Springer-Verlag, Heidelberg.

Herkenhoff, K., J.P. Grotzinger, A.H. Knoll, and 39 others. In press. Microscopic Imager observations of rocks and soils on Meridiani Planum during Opportunity's first three extended missions. *Journal of Geophysical Research, Planets*.

Squyres, S.W. and others, including A.H. Knoll. 2007. Overview of the Opportunity Mars Exploration Rover mission to Meridiani Planum: Eagle Crater to Purgatory Ripple. *Journal of Geophysical Research, Planets* 111: E12S12; doi: 10.1029/2006JE002771

**Manchester, S.R.**

Manos, P.S., Soltis, P.S., Soltis, D.E, Manchester, S.R., Oh, S.-H., Bell, C.D., Dilcher, D.L., Stone, D.E. 2007. Phylogeny of extant and fossil Juglandaceae inferred from the integration of molecular and morphological data sets. *Systematic Biology* 56(3): 412-430.

**Niklas, K.J.**

Cheng, D.-L. and K.J. Niklas. 2007. Above- and below-ground biomass relationships across 1534 forested communities. *Annals of Botany* 99: 95-102.

Enquist, B.J., A.P. Allen, J.B. Brown, J.F. Gillooly, A.J. Kerkhoff, K.J. Niklas, C.A. Price, and G.B. West. 2007. Does the exception prove the rule? *Nature* 445: E9- E10.

Enquist, B.J., B.H. Tiffney, and K.J. Niklas. 2007. Metabolic scaling and the evolutionary dynamics of plant size, form and diversity: Toward a synthesis of ecology, evolution and paleontology. *International Journal of Plant Biology* 168(S): 729- 749.

Kutschera, U. and K.J. Niklas. 2007. The epidermal-growth-control theory of stem elongation: an old and new perspective. *Plant Physiology* 164: 1395- 1409.

Kutschera, U. and K.J. Niklas. 2007. Photosynthesis research on yellowtops: macroevolution in progress. *Theory in Biosciences* 125: 81- 92.

Niklas, K.J. 2007. Maximum plant height and the biophysical factors that limit it. *Tree Physiology* 27: 433-440.

Niklas, K.J. 2007. Modeling optimization and early land plant evolution. In M.D. Laubichler and G.B. Müller [eds.], *Modeling Biology: Structures, Behaviors, and Evolution*, 305-334. MIT Press.

Niklas, K.J. 2007. Sizing up life and death. *Proceedings of the National Academy of Sciences (USA)* 104: 15589-15590.

Niklas, K.J., E.D. Cobb, Ü. Niinemets, P.B. Reich, A. Sellin, B. Shipley, and I.J. Wright. 2007. Diminishing returns in function with increasing leaf

mass across and within six species-groups.  
Proceedings of the

National Academy of Sciences (USA) 104: 8894-8896.

Niklas, K.J. and T.E. Marler. 2007. *Carica papaya*: a case study into the effects of domestication on plant vegetative growth and reproduction. *American Journal of Botany* 94: 999-1002.

Saladie, M, A.J. Matas, T. Isaacson, M.A. Jenks, S.M. Goodwin, K.J. Niklas, et al. 2007. A reevaluation of the key factors that influence tomato fruit softening and integrity. *Plant Physiology* 144: 1012- 1028.

**Osborne, J.M.**

Doores, A.S., G. El-Ghazaly, and J.M. Osborn. 2007. Pollen ontogeny in *Ephedra americana* (Gnetales). *International Journal of Plant Sciences* 168: 985-997.

**Pigg, K.B.**

Ickert-Bond, S.M., K.B. Pigg, and J. Wen. 2007. Comparative infructescence morphology in *Altingia noronha* and discordance between morphological and molecular rates of evolution. *American Journal of Botany* 94: 1094-1115.

Pigg, K.B. 2007. "Katherine Esau" in *New Dictionary of Scientific Biography*, N. Koertge [ed.] vol 2: 413-416, MacMillan, New York.

**Retallack, G.J.**

Retallack, G.J. In press. Rocks, views, soils and plants at the temples of ancient Greece. *Antiquity*.

**Rothwell, G.W.**

Sanders, H, E.E. Karrfalt, and G.W. Rothwell. 2007. On vascular development in the leaves of *Isoetes*. *Plant Biology and Botany 2007*, Chicago. Program and Abstracts. P79001.

**Schopf, J.W.**

Czaja, A.D., A.B. Kudryavtsev, and J.W. Schopf. 2006. New method for the microscopic, non-destructive acquisition of UV resonance Raman spectra from plant cell walls. *Applied Spectroscopy* 60: 352-355.

Schopf, J.W., W.I. Ausich, J.R. Dodd, C.A. Hall, R.L. Parsley, and G.D. Webster. 2007. Norman Gary Lane: President of the Paleontological Society (1987-1988) and founder of "Friends of the Echinoderms" (1967). *Journal of Paleontology* 81: 1-6

**Taylor, W.**

Taylor, W. and S.Y. Smith. 2007. A symposium in

honor of Sherwin Carlquist. Introductory remarks. *Botany 2007* (Chicago, July 2007): Abstract.

**Tomescu, A.M.F.**

Tomescu, A.M.F. 2007. On divides. *Taxon* 56: 289-291.

**Upchurch, G.R.**

Retallack, G.J., S.R. Manchester, and G.R. Upchurch, Jr. 2007. David Dilcher: An Appreciation. In D.M. Jarzen, S.R. Manchester, G.J. Retallack, and S.A. Jarzen [eds.], *Advances in Angiosperm Paleobotany and Paleoclimatic Reconstruction: Contributions Honouring David L. Dilcher and Jack A. Wolfe*. *Courier Forschungsinstitut Senckenberg* 258: 1- 9.

Upchurch, G.R., Jr., R.A. Spicer, and E.B. Leopold, 2007. The Life and Career of Jack A. Wolfe (July 10, 1936 - August 12, 2005). In D.M. Jarzen, S.R. Manchester, G.J. Retallack, and S.A. Jarzen [eds.], *Advances in Angiosperm Paleobotany and Paleoclimatic Reconstruction: Contributions Honouring David L. Dilcher and Jack A. Wolfe*. *Courier Forschungsinstitut Senckenberg* 258: 11-19.

**Zavada, M.S.**

Zavada, M.S. 2007. *Botanical Methods*. Bent Tree Press, Reno, NV. 116 pp.

Zavada, M.S., S.M. McGraw, and M.A. Miller. 2007. The role of clothing fabrics as passive pollen collectors in the northeastern United States. *Grana* 46: 285-291.

Zavada, M.S., Y.Q. Wang, G. Rambolamanana, A. Raveloson, and H. Razanatosoa. In press. The significance of human induced and natural erosion features (lavakas) on the high plateau of Madagascar. *African Journal of Ecology*.

**THESES AND DISSERTATIONS**

**Smith, S.Y.**

Smith, S.Y. 2007. Morphology, anatomy, and phylogeny of fossil and extant Saururaceae: insights from the Middle Eocene Princeton Chert. Ph.D. dissertation, University of Alberta, Edmonton, Alberta.

## WORK IN PROGRESS

### Basinger, J.F.

Wilson, R., Y.S. Liu, and J. Basinger. (in preparation). Fossil remains of *Juglans* (Juglandaceae) from the Middle Eocene fossil forests of Axel Heiberg Island, Canadian High Arctic.

### Boyce, C.K.

Boyce, C.K. Submitted. Seeing the forest with the leaves: Clues to canopy placement from fossil leaf size and venation characteristics.

Boyce, C.K., T.J. Brodribb, T.S. Feild, and M.A., Zwieniecki. Submitted. Evolution of the angiosperm leaf put the rain in tropical rainforests.

### Cressler, W.L.

Cressler III, W.L., E.B. Daeschler, R. Slingerland, and D.A. Peterson, submitted. Terrestrialization in the Late Devonian: A palaeoecological overview of the Red Hill site, Pennsylvania, USA. *Journal of the Geological Society of London*.

Cressler III, W.L., B. LePage, and C. Prestianni. In progress. Late Devonian spermatophyte diversity and paleoecology at Red Hill, north-central Pennsylvania, U.S.A.

### Dilcher, D.L.

Mehrotra, R.C., D.L. Dilcher, and T.A. Lott. Submitted. Notes on fossils from the Makum Coalfield, Assam, India. *The Palaeobotanist*.

Wang, H. and D.L. Dilcher (in progress). Angiosperm leaf megafossils from the Late Cretaceous: Hoisington locality, Kansas, USA.

Wang, H. and D.L. Dilcher (in progress). A Middle Eocene fossil leaf assemblage (Warman Clay Pit) from Western Tennessee.

Wang, H. and D.L. Dilcher (in progress). Angiosperm leaf megafossils from the Late Cretaceous: Cooper Pit Locality, Western Tennessee, USA.

Wang, H. and D.L. Dilcher (in progress). Fossil *Ceratophyllum* (Ceratophyllaceae) from the Dakota Formation (Early Cretaceous), Kansas, USA.

Wang, H. D.L. Dilcher, R. Schwarzwald, J. Kvaček (in progress). Vegetative and reproductive morphology of an extinct Early Cretaceous plane tree (Platanaceae) from the Braun's Ranch locality, Kansas, USA.

### Doyle, J.A.

Cladistic analysis of the position of Early Cretaceous fossils in the phylogeny of living "basal" angiosperms (with P. K. Endress).

Morphological and molecular phylogeny of living and fossil Chloranthaceae (with A. Antonelli and H.-Z. Kong).

### Gastaldo, R.A.

Gastaldo, R.A., E. Purkynová, and Z. Šimůnek. In Revision. Ecological stability and turnover in the Late Mississippian (Sepurkovian – Namurian A) megafloral record of the Upper Silesian Basin, Czech Republic. *Palaios*.

Gastaldo, R.A., E. Purkynová, and Z. Šimůnek. Submitted. Megafloral perturbation across the Enna Marine Zone in the Upper Silesian Basin attests to Late Mississippian deglaciation and climate change. *Palaios*.

Prevec, R., C.C. Labandeira, J. Neveling, R.A. Gastaldo, M.K. Bamford, and C.V. Looy. In revision. Portrait of a Gondwanan ecosystem: a new Late Permian locality from Kwazulu-Natal, South Africa. Review of *Palaeobotany and Palynology*.

### Hickey, L.J.

Miller, I.M., and L.J. Hickey. The fossil flora of the Winthrop Formation (Albian-Early Cretaceous) of Washington State, USA. Part II: Pinophytina. *Bulletin of the Peabody Museum of Natural History, Yale University* 49.

### Kerp, H.

Chaney, D.H., S.H. Mamay, W.A. DiMichele, and H. Kerp. *Auritifolia* gen. nov., anatomical and epidermal preservation of a probable seed-plant with comioid affinities from the Early Permian of Texas, U.S.A. *International Journal of Plant Science*. (in revision)

Dotzler, N., M. Krings, H. Hass, H. Kerp, T.N. Taylor, and D. Agerer. The germination structure and spore/sacculae complex of *Scutellosporites devonicus* (Glomeromycota) from the 400-million-yr-old Rhynie chert. *Mycological Progress*. (submitted)

Pott, C. and H. Kerp. Mikroskopische Untersuchungsmethoden an fossilen Pflanzenabdrücken. – *Der Präparator*; Hannover. (submitted)

Vörding, B. and H. Kerp. On the applicability of cuticles of *Pachypteris papillosa* (Pterido-

spermopsida, Corystospermales) from the Middle Jurassic of Yorkshire as climatic proxies. Review of Palaeobotany and Palynology. (in revision)

Vörding, B., W. Peters-Kottig, A. Abu Hamad, and H. Kerp. On the applicability of fossil pteridosperm cuticles as proxies for reconstructing ancient CO<sub>2</sub> levels: a comparative study of two closely related species from the Late Permian of Jordan. Palaeogeography, Palaeo-climatology, Palaeoecology. (in revision)

**Liu, Y.S.**

Liu, Y.S., J.F. Basinger, and Z.K. Zhou. MS finished. Fagaceous remains from the Eocene Buchanan Lake Formation, Axel Heiberg Island, Canadian High Arctic. Botany (formerly Canadian Journal of Botany)

Liu, Y.S., R. Zetter, D.K. Ferguson, and C. Zou. accepted. *Lagerstroemia* (Lythraceae) pollen from the Miocene of eastern China and its paleobiogeographical significance. Grana.

Wilson, R., Y.S. Liu, J.F. Basinger. MS finished. Fossil remains of *Juglans* (Juglandaceae) from the Middle Eocene fossil forests of Axel Heiberg Island, Canadian High Arctic. American Journal of Botany

Xia, K., T. Su, Y.S. Liu, Y. Wu, and Z. Zhou. submitted. Quantitative climate reconstructions of a late Miocene Xiaolongtan megaf flora from Yunnan, southwest China. Palaeogeography, Palaeoclimatology, Palaeoecology.

**Rothwell, G.W.**

Rothwell, G.W., G. Mapes, R.A. Stockey, and J. Hilton. Jurassic conifers from Eathie, Scotland: New genera with sciadopidaceous/pinaceous characters: implications for the origins of living conifer families.

Rothwell, G.W., G. Mapes, R.A. Stockey, and J. Hilton. Jurassic conifers from Eathie, Scotland: New information on *Conites juddi* and the origins of Cupressaceae.

Rothwell, G.W., R.A. Stockey, and G. Mapes. Seed plants on the tree of life.

Stanish, N. and G.W. Rothwell. Earliest evidence for the genus *Equisetum* in the Lower Cretaceous of Vancouver Island, Canada.

**Taylor, W.A.**

Taylor, W.A. Ultrastructure of Middle Devonian "megaspores" from New York.

Taylor, W.A. Ultrastructure of spores of *Leclercqia* (with C.H. Wellman and P. Gensel)

**Wang, H.**

Wang, H. and D.L Dilcher (in progress). Angiosperm leaf megafossils from the Late Cretaceous: Hoisington locality, Kansas, USA.

Wang, H. and D.L Dilcher (in progress). A Middle Eocene fossil leaf assemblage (Warman Clay Pit) from Western Tennessee.

Wang, H. and D.L Dilcher (in progress). Angiosperm leaf megafossils from the Late Cretaceous: Cooper Pit Locality, Western Tennessee, USA.

Wang, H. and D.L Dilcher (in progress). Fossil *Ceratophyllum* (Ceratophyllaceae) from the Dakota Formation (Early Cretaceous), Kansas, USA.

Wang, H. D.L. Dilcher, R. Schwarzwaldner, J. Kvaček (in progress). Vegetative and reproductive morphology of an extinct Early Cretaceous plane tree (Platanaceae) from the Braun's Ranch locality, Kansas, USA.

**Zavada, M.S.**

Shunk, A.J., S.G. Driese, J.O. Farlow, M.S. Zavada, and M.K. Zobia. Paleoclimate and paleoenvironmental reconstructions from the Early Pliocene Pipe Creek Sinkhole, Indiana, USA. Journal of Paleogeography, Paleoclimatology, Paleoecology. (submitted).

Toth, C.R., M.S. Zavada, A. Sousa, M Bock, M. Cianfrocco, and T. Jones. Molecular characterization of lichen growth properties on rock substrates. Lichenologist. (in preparation).

## Directory of Paleobotanical Section Membership

### DIRECTORY

\* Indicates honorary members of the Paleobotanical Section and/or Botanical Society of America

**Turkan Altin**

Dept. of Primary School Teaching  
Nigde University,  
Faculty of Education  
Derbent Nigde 51100  
Turkey  
turkanaltin@yahoo.com

**Mercedes Ames Sevillano**

Horticulture  
University of Wisconsin - Madison  
1575 Linden Dr  
Madison, WI 53706  
amessevillan@wisc.edu

**Colette Amici**

615 12th Street  
Virginia Beach, VA 23451  
rcfamici@cox.net

**Cajsa Lisa Anderson**

Systematic Botany  
Lilla Ålsjövägen 6  
Göteborg 42470  
Sweden  
cajsa.lisa.anderson@gmail.com

**Maria José Gomes De Andrade**

Dept. Ciências Biológicas  
Univ. Estadual de Feira de Santana  
Av. Universitária, Br 116 Norte, Km  
03  
LABIO CEP.: 44031-460  
Feira de Santana, Bahia, Brazil  
mjgandrade@yahoo.com.br

**\*Sergio Archangelsky**

Urquiza 1132  
1638 Vicente Lopez  
Buenos Aires  
ARGENTINA  
+54/11 4982 6595 or  
+54/11 4795 6615  
Fax: +54/11 4982 5243  
sarcang@fibertel.com.ar

**Nan Crystal Arens**

Dept. of Geoscience  
Hobart & William Smith Colleges  
Geneva, NY 20560  
(315) 781-3930  
arens@hws.edu

**Sidney R. Ash**

1708 Quail Run Ct. NE  
Albuquerque, NM 87122  
(505) 856-5852  
sidash@aol.com

**Brian J. Axsmith**

Dept. of Biology - Life Sciences Bldg.  
University of South Alabama  
Mobile, AL 36608  
(251) 460-6331  
Fax: (251) 414-8220  
baxsmith@jaguar1.usouthal.edu

**Julien Basile Bachelier**

Institute for Systematic Botany  
Zollikerstrasse, 107  
Zurich 8008  
Switzerland  
julien.bachelier@systbot.uzh.ch

**Nina Lucille Baghai-Riding**

Dept. of Biological Sciences  
Delta State University  
Cleveland, MS 38733  
(662) 846-4797 or (662) 843-7821  
nbaghai@deltast.edu  
kriding@aol.com

**Richard Shern Barclay**

Northwestern University  
Earth & Planetary Sciences  
1850 Campus Drive  
Evanston, IL 60208  
barclay@earth.northwestern.edu

**Lisa Barksdale**

Stonerose Interpretive Center  
P.O. Box 987  
Republic, WA 99166  
(509) 775-2295  
(509) 779-4412 (winter)  
srfossil@televar.com

**James F. Basinger**

Dept. of Geological Sciences  
Univ. of Saskatchewan  
Saskatoon, Saskatchewan S7N 5E2  
CANADA  
(306) 966-5687 or 5684  
Fax: (306) 966-8593  
jim.basinger@usask.ca

**Richard M. Bateman**

Jodrell Laboratory  
Royal Botanic Gardens, Kew  
Richmond, Surrey, TW9 3DS  
United Kingdom  
+44/0207 942 5093  
Fax: +44/0207 942 5501  
r.bateman@nhm.ac.uk

**Charles B. Beck**

Museum of Paleontology

University of Michigan  
Ann Arbor, MI 48109-1079  
(313) 763-5089  
chbeck@umich.edu

**Anna K. Becker**

4222 Iona Way  
Knoxville, TN 37912  
abecker1@utk.edu

**Hazel E. Beeler**

Rt. 1, Box 310 K  
Newport, VA 24128-9625  
(540) 544-7283  
nrbeelh@nr.edu

**John C. Benedict**

1215 E. Vista del Cerro Dr.  
Apt. 1057  
Tempe, AZ 85281  
(480) 965-3154  
John.Benedict@asu.edu

**Brent Alexander Berger**

430 Lincoln Dr.  
Madison, WI 53706  
brent.a.berger@gmail.com

**Chris Berry**

School of Earth, Ocean & Planetary  
Sciences, Cardiff University  
Main Building, Park Place  
Cardiff CF24 4PD  
UNITED KINGDOM  
+44/29 2087 4830  
+44/29 2087 4326  
Fax: +44/1222 874326  
Berrycm@cardiff.ac.uk

**Amanda L. Birnbaum**

9604A Night Jar  
Austin, TX 78748  
birnbaum.amanda@gmail.com

**Charles Blair**

176 Alcor Ave.  
Lompoc, CA 93436  
(805) 733-9189  
blairce@ebco.org

**Matlock Bolton**

Biological Sciences  
University of Alberta

## Directory of Paleobotanical Section Membership

B-423 Biological Sciences Building  
116th and Sask. Drive  
Edmonton AB T6G 2E9  
CANADA  
mbolton@ualberta.ca

**Lisa D. Boucher**  
Department of Biology  
University of Nebraska Omaha  
Omaha, NE 68182-0040  
(402) 554-2477  
Fax: (402) 554-3532  
boucher@unomaha.edu

**Charles Kevin Boyce**  
Department of Geophysical Sciences  
University of Chicago  
5734 S. Ellis Ave.  
Chicago, IL 60637  
(617) 495-7602  
ckboyce@uchicago.edu

**Rob Charles Brandt**  
Botanical Society of America  
402 E. Gutierrez  
Santa Barbara, CA 93101  
rbrandt@csd-bes.net

**Julie Broughton**  
Department of Geological Sciences  
University of California  
Santa Barbara, CA 93106  
(805) 684-8433  
jbroughton@umail.ucsb.edu

**Nicholas Earl Buckley**  
6178 Shirley Street Apt. 4  
Halifax, NS B3H 2N4  
Canada  
humnick@yahoo.com

**Walter K. Buechler**  
1192 E. Braemere Rd.  
Boise, ID 83702  
(208) 345 0933  
Fax (208) 345 0933  
buecdoug@msn.com

**Sven Buerki**  
Institute of Biology  
11 Emile-Argand  
Neuchatel 2000  
Switzerland  
sven.buerki@unine.ch

**Dylan O. Burge**  
Duke University  
Box 90338  
Durham, NC 27708  
dob7@duke.edu

**Robyn J. Burnham**  
Museum of Paleontology  
1109 Geddes Avenue  
University of Michigan

Ann Arbor, MI 48109-1079  
(734) 647-2585  
Fax: (734) 936-1380  
rburnham@umich.edu

**Rainer Bussmann**  
William L Brown Center for Plant  
Genetic Resources  
Missouri Botanical Garden  
PO Box 299  
St. Louis, MO 63166-0299  
rainer.bussmann@mobot.org

**Matyas Buzgo**  
Department of Botany  
University of Louisiana in Shreveport  
224 Science Building  
Shreveport, LA 71115  
Matyas.Buzgo@lsus.edu

**Heather Cacanindin**  
BSA  
4475 Castleman  
St. Louis, MO 63110  
hcacanindin@botany.org

**Laura Calvillo-Canadell**  
Instituto De Geologia, UNAM  
Ciudad Universitaria  
Coyoacan DF 4510  
MEXICO  
(525) 575-6484  
(525) 559-8674  
lauretacc@hotmail.com

**David J. Cantrill**  
Divisional Director, Plant Sciences  
and Biodiversity/Chief Botanist  
Royal Botanic Gardens Melbourne  
Private Bag 2000  
Birdwood Avenue  
South Yarra  
Victoria 3141  
AUSTRALIA  
(03) 9252 2301  
david.cantrill@rbg.vic.au

**David T. Carlson**  
840 Oak Street  
Elgin, CT 06123  
(630) 378-6082  
Dave.Carlson@tellabs.com

**Leeds M. Carluccio**  
Biological Sciences  
Central CT State University  
New Britain, CT 06050  
(860) 832-2646  
carluccio@ccsu.edu  
**Sydney K Carothers**  
895 Shirley Blvd  
Arcata, CA 95521-6538  
sydneyc@humboldt1.com

**Sergio R. S. Cevallos-Ferriz**  
Instituto de Geologia, UNAM  
Depto. de Paleontologia  
Ciudad Universitaria  
Coyoacan 04510  
MEXICO DF  
+52/5 622 4312 or +52/5 622 4318  
Fax: +52/5 622 4318  
scrscfbb@servidor.unam.mx

**\*William G. Chaloner**  
Department of Geology  
Royal Holloway University of  
London  
Egham Hill, Egham  
Surrey TW20 0EX  
UNITED KINGDOM  
+44/181 748 3863  
+44/178 443 4455  
Fax: +44/1784 471780  
w.chaloner@rhbc.ac.uk

**Dan Scott Chaney**  
Dept. of Paleobiology, NHB-121  
Smithsonian Institution  
Washington, DC 20560  
(202) 357-4479  
Fax: (202) 786-2832  
chaneyd@si.edu

**David A. Charlet**  
CCSN  
Dept of Biology H3C  
700 College Dr.  
Henderson, NV 89015  
(702) 651-3139  
Fax: (702) 651-3161  
david.charlet@csn.edu

**Iju Chen**  
1700 SW 16th Ct. K21  
Gainesville, FL 32608  
jchen@botany.ufl.edu

**Karen Chin**  
CU Museum & Dept. Geological  
Sciences  
University of Colorado at Boulder  
UCB 265  
Boulder, CO 80306  
(303) 735-3074  
Karen.Chin@colorado.edu

**Shyamala D. Chitale**  
Cleveland Museum of Natural  
History  
1 Wade Oval Drive  
University Circle  
Cleveland, OH 44106-1767

## Directory of Paleobotanical Section Membership

(216) 231-4600 ext. 226  
Fax: (216) 231 5919  
schitale@cmnh.org

**Chi-fang Chiu**  
Biotechnology Division  
Oriental Giant Dyes & Chemical Inc.  
Taiwan RM. 601, 6FL. NO. 111  
Chung Shan N. RD. SEC. 2  
Taipei Taiwan  
chifang@ogd.com.tw

**Leslie Moore Clarke**  
2929 Winding Oaks Lane  
Wellington, FL 33414  
Lmc2929@hotmail.com

**Arthur D. Cohen**  
Dept. Geological Sciences  
Univ. of South Carolina  
Columbia, SC 29208  
(803) 777-4502  
(803) 777-4535  
Fax: (803) 777-6610  
cohen@geol.sc.edu

**Margaret E. Collinson**  
Department of Geology  
Royal Holloway & Bedford New  
College, University of London  
Egham, Surrey TW20 0EX  
UNITED KINGDOM  
+44/1784 443607  
+44/1784 443581  
Fax: +44/1784 471780  
M.Collinson@gl.rhul.ac.uk

**Ranessa L Cooper**  
Hillsdale College  
33 E College ST.  
Hillsdale, MI 49242  
ranessa.cooper@hillsdale.edu

**Suzanne H. Costanza**  
35 Columbia St.  
Malden, MA 02148-3013  
(781) 321-7948  
scostanz@oeb.harvard.edu

**Peter R. Crane**  
Dept. of the Geophysical Sciences  
University of Chicago  
5734 S. Ellis Ave.  
HGS 201  
Chicago, IL 60637 USA  
(773) 702-1789  
pcrane@geosci.uchicago.edu

**Christine F Creese (Czerniak)**  
#303-3300 Sawtelle Blvd.  
Los Angeles, CA 90066  
czerniak@ucla.edu

**William L. Crepet**  
Department of Plant Biology

Cornell University  
467 Mann Library  
Ithaca, NY 14853-4301  
(607) 255-2131  
Fax: (607) 255-7979  
wlc1@cornell.edu

**Walter Lewis Cressler**  
Francis Harvey Green Library  
25 West Rosedale Avenue  
West Chester University  
West Chester, PA 19383  
(610) 436-1072  
Fax: (610) 436-2251  
wcressler@wcupa.edu

**Aureal T. Cross**  
Dept. of Geological Sciences  
206 Natural Science Bldg.  
Michigan State University  
East Lansing, MI 48824-1115  
(517) 355-4630  
(517) 332-6187 (home)  
Fax: (517) 353-8787  
cross1@msu.edu

**Nestor Ruben Cuneo**  
Mef AV. Fontana 140  
Trelew-Chubut 9100  
ARGENTINA  
+54/965-432100  
rcuneo@mef.org.ar

**John D. Curtis**  
Department of Biology  
University of Wisconsin  
Stevens Point, WI 54481-3897  
(715) 592-4154  
Fax: (715) 346-3624  
j2curtis@uwsp.edu

**Charles P. Daghlian**  
Pathology Dept.  
Dartmouth College  
501 W Borwell  
Lebanon, NH 03756  
(603) 646-1039  
Fax: (603) 650-1637  
charles.p.daghlian@dartmouth.edu

**William Dahl**  
Botanical Society of America  
P.O. Box 299  
St. Louis, MO 63166-0299  
wdahl@botany.org

**Daniel Danehy**  
Department of Geological Sciences  
Southern Methodist University  
PO Box 750395  
Dallas, TX 75275-0395  
danehy.dan@gmail.com

**Joanne M. Dannenhoffer**

Biology Department  
Brooks Hall #217  
Central Michigan University  
Mt. Pleasant, MI 48859  
(517) 774-2509  
Fax: (517) 774-3462  
joanne.m.dannenhoffer@cmich.edu

**Anne-Laure Nadège Decombeix**  
University of Kansas  
1200 Sunnyside Ave.  
Haworth Hall  
Lawrence, KS 66045-7534  
aldecombeix@gmail.com

**Ted Delevoryas**  
1745 Charleston Lane.  
Encinitas, CA 92024-4225  
(760) 633-3089  
fossil@mail.utexas.edu

**Shauna P. Dendy**  
USDA  
4004 Throckmorton  
Kansas State University  
Manhattan, KS 66506  
(913) 263-4216  
sdendy@ksu.edu

**Thomas Denk**  
Department of Paleobotany  
Swedish Museum of Natural History  
Box 50007  
SE-104 05 Stockholm  
SWEDEN  
thomas.denk@nrm.se

**\*Mary Dettmann**  
Department of Botany  
University of Queensland  
St. Lucia, Queensland 4072  
AUSTRALIA  
+61/7 3365 2744  
Fax: +61/7 3365 1699  
m.dettmann@botany.uq.edu.au

**Melanie L. DeVore**  
Georgia College and State Univ.  
Dept. of Biology & Env. Science  
Campus Box 81  
Milledgeville, GA 31061-0001  
(478) 445-2438  
melanie.devore@gcsu.edu

**Carmen Dieguez**  
Museo Nac. De Ciencias Naturale  
Csic-Jose Gutierrez Abascal, 2  
28006 Madrid  
SPAIN  
+34/915771515 X1121  
Fax: +34/915644740  
carmen-dieguez@mncn.csic.es

## Directory of Paleobotanical Section Membership

### **Pamela Kathleen Diggle**

Dept. of Ecology & Evolution  
University of Colorado  
Campus Box 334  
Boulder, CO 80309-0334  
(303) 492-4860  
Fax: (303) 492-8699  
Pamela.Diggle@colorado.edu

### **David L. Dilcher**

Florida Museum of Natural History  
Dickinson Hall  
Museum Rd. and Newell Dr.  
P.O. Box 117800  
University of Florida  
Gainesville, FL 32611-7800  
(352) 273-1944  
Fax: (352) 392-0287  
dilcher@flmnh.ufl.edu

### **Richard A Dillhoff**

1307 212th Ave. NE  
Sammamish, WA 98074  
(206) 868-0468  
Fax: (206) 641-9367  
rdillhoff@evolvingearth.org

### **Thomas A. Dillhoff**

Evolving Earth Foundation  
10521 37th St. SE  
Everett, WA 98205  
tdillhoff@evolvingearth.org

### **William A. DiMichele**

Dept. of Paleobiology  
Natl. Museum of Natural History  
Smithsonian Institution  
Washington, DC 20560-0001  
(202) 357-4480  
Fax: (202) 786-2832  
dimichel@si.edu

### **Liam Dolan**

Dept of Cell & Developmental  
Biology  
John Innes Centre  
Colney Lane  
Norwich NR4 7UH  
United Kingdom  
liam.dolan@bbsrc.ac.uk

### **James A. Doyle**

Section of Evolution and Ecology  
University of California  
Davis, CA 95616-8537  
(530)752-7591  
Fax: (530) 752-1449  
jadoyle@ucdavis.edu

### **Jean-Yves Dubuisson**

MNHN, Bat. Geologie

UMR 5143  
CP 48, 57 Rue Cuvier  
Paris F-75005  
France  
+33/144 274865  
Fax: +33/144 276513  
jdubuis@snv.jussieu.fr

### **Michael Dunn**

Dept. Biological Sciences  
Cameron University  
2800 West Gore Boulevard  
Lawton, OK 73505-6377  
(580) 581-2373  
michaeld@cameron.edu

### **\*M.V. Durante**

Geological Institute  
Academy of Sciences  
Pyzhevsky per 7  
Moscow 109017  
RUSSIAN REPUBLIC

### **Johanna Eder**

Staatliches Museum Naturkunde  
Rosenstein Fur 1  
D-70191 Stuttgart  
GERMANY  
+99/711 8936 112  
edersmns@naturkundemuseum-  
be.de

### **Patrick P. Edger**

401 Amanda  
Ashland, MO 65010  
pedger@gmail.com

### **\*David S. Edwards**

University of Brunei  
Darusalam  
Bandar Seri Begawan  
Negara Brunei Darusalam  
S. E. ASIA

### **\*Dianne Edwards**

Earth Sciences  
University of Wales  
College of Cardiff  
P.O. Box 914  
Cardiff C1 3YE  
UNITED KINGDOM  
+44/1222 874264  
Fax: +44/1222 874326  
earth@cardiff.ac.uk

### **Caroline Ann Elliott**

22 Arnold Grove  
Glenageary Co Dublin 1  
Ireland  
caroline.elliott@ucd.ie

### **\*Peter K. Endress**

Botanical Garden & Inst. Fur. Sys.  
Botany  
University of Zurich

Zollikerstr. 107  
CH-8008 Zurich  
SWITZERLAND  
+41/1 63484 11/20  
Fax: +41/1 63 484 03  
pendress@systbot.unizh.ch

### **Diane M. Erwin**

1101 Valley Life Sciences Bldg.  
University of California  
Berkeley, CA 94720-4780  
(510) 642-3921  
Fax: (510) 642-1822  
dmerwin@uclink.berkeley.edu

### **Ignacio Hernan Escapa**

MEF-CONICET  
Fontana 140  
Trelew Chubut 9100  
Argentina  
iescapa@gmail.com

### **Emilio Estrada-Ruiz**

Posgrado en Ciencias de la Tierra  
UNAM, Ciudad Universitaria  
Coyoacan Mexico

### **Muriel M. Fairon-Demaret**

Paléobotanique et Paléopalynologie  
Université de Liège au Sart Tilman  
Allée du 6 Août, Bât. 18  
B-4000 Liège  
BELGIUM  
+32/4 366 52 60  
Fax: +32/4 366 53 38  
M.Fairon@ulg.ac.be

### **Howard J. Falcon-Lang**

Department of Earth Sciences  
University of Bristol  
Queens Road  
Bristol BS8 1RJ  
UNITED KINGDOM  
howard.falcon-lang@bris.ac.uk

### **Michael Farabee**

Science and Math  
Estrella Mountain Comm. College  
3000 N Dysart  
Avondale, AZ 85392  
mj.farabee@emcmail.maricopa.edu

### **Martin B. Farley**

Geography/Geology  
Univ. of North Carolina at Pembroke  
Pembroke, NC 28372  
(910) 521-6478  
mbfarley@sigmaxi.org

### **Elaine Fernald**

P.O. Box 623  
Mt Desert, ME 04660-0623  
(207) 244-3085

## Directory of Paleobotanical Section Membership

surry@acadia.net

**Lanny H. Fisk**  
5325 Elkhorn Blvd.  
Sacramento, CA 95842-2526  
(916) 947-9594  
Fax: (530) 885-9699  
fiskla1@hotmail.com

**Steven David Frazer**  
Eckerd College  
Campus Box 719  
4200 54th Ave South  
St. Petersburg, FL 33711  
frazersd@gmail.com

**Virginia Friedman**  
1535 Montebello Dr.  
Suisun City, CA 94585  
(707) 422-8178  
friedmanhvj@aol.com

**Mark L. Gabel**  
Box 9003, Biology Department  
Black Hills State University  
Spearfish, SD 57799  
(605) 642-6251  
markgabel@bhsu.edu

**\*Jean Galtier**  
Botanique et Bioinformatique de  
l'Architecture des Plantes  
AMAP-CIRAD, TA40/PS2  
Boulevard de la Lironde  
34398 Montpellier Cedex 5, France  
jean.galtier@cirad.fr  
+33 (0) 4 67 61 75 52  
Fax: + 33 4 67 61 56 68

**Maria A. Gandolfo**  
L. H. Bailey Hortorium  
Cornell University  
462 Mann Library  
Ithaca, NY 14853-4301  
(607) 255-8916  
Fax: (607) 255-7979  
mag4@cornell.edu

**Juan Leandro Garcia-Massini**  
Southern Methodist University  
PO Box 750395  
Dallas, TX 75275-0395  
jgarciam@smu.edu

**Robert A. Gastaldo**  
Department of Geology  
Colby College  
Waterville, ME 04901-8858  
Fax: (334) 844-4486  
ragastal@colby.edu

**Carole Gee**  
Steinmann Institute  
Division of Paleontology  
University of Bonn  
Nussallee 8  
D-53115 Bonn  
GERMANY  
+49/228 73 3063  
+49/228 69 15 58 (home)  
cgee@uni-bonn.de

**Jen Gemmell**  
Biological Sciences  
University of Alberta  
B-423 Biological Sciences Building  
116th Street and Sask. Drive  
Edmonton AB T6G 2E  
CANADA  
jgemmell@ualberta.ca

**Patricia G. Gensel**  
Department of Biology  
Coker 010-A, Box 3280  
University of North Carolina  
Chapel Hill, NC 27599-3280  
(919) 962-6937  
Fax: (919) 962-1625  
pgensel@bio.unc.edu

**\*Geotimes Editor**  
American Geological Institute  
4220 King St.  
Alexandria, VA 22302-1507

**Jacob E. Gerhard**  
Palynological Consultant  
817 Hickory Knob Circle  
Cedar Hill, TX 75104-7803

**Syed Abdullah Gilani**  
Watanabe Lab, Gene Research  
Center  
University of Tsukuba  
1-1-1 Tennoudai  
Ibaraki Tsukuba 305-8572  
Japan  
gilani\_abdullah@yahoo.com

**William H. Gillespie**  
916 Churchill Circle  
Charleston, WV 25314-1747  
(304) 346-5679  
Fax: (304) 346-5849

**Carolina Gomez-Navarro**  
Plant and Microbial Biology  
University of California, Berkeley  
1929 Fairview St., Unit D  
Berkeley, CA 94703  
gomezcn@berkeley.edu

**Charles W. Good**  
Department of Biology  
Ohio State University Lima Campus  
4300 Campus Drive  
Lima, OH 45804  
(419) 995-8205  
good.6@osu.edu

**Mark Anthony Gorman**  
University of Colorado  
1300 30th St., D5-12  
Boulder, CO 80303  
Mark.Gorman@colorado.edu

**Alan K. & Shirley Graham**  
Missouri Botanical Garden  
PO Box 299  
St Louis, MO 63166  
alan.graham@mobot.org  
shirley.graham@mobot.org

**Linda E. Graham**  
211 Birge Hall  
Botany Department  
University of Wisconsin  
Madison, WI 53706  
(608) 262-2640  
Fax: (608) 262-7509  
lkgraham@wisc.edu

**Léa Grauvogel-Stamm**  
Université Louis Pasteur  
Institute de Géologie  
1 Rue Blessig  
F-67084 Strasbourg Cedex  
FRANCE  
+33/388 35 85 70  
Fax: +33/388 36 72 35  
lstamm@illite.u-strasbg.fr

**David R. Greenwood**  
Environmental Science Program  
Brandon University  
Brodie Science Building  
270 18<sup>th</sup> Street  
Brandon, MB R7A 6A9  
CANADA  
(204) 571-8543  
greenwoodd@brandonu.ca

**Paul J. Grote**  
School of Biology, Institute of  
Science  
Suranaree University of Technology  
111 University Ave  
Nakhon Ratchasima 30000  
THAILAND  
+66/44224292  
Fax: +66/44224185  
paul@ccs.sut.ac.th

**Gaëtan Guignard**  
Paléobotanique et Herbiers  
Université Claude-Bernard Lyon 7

## Directory of Paleobotanical Section Membership

7 rue Raphaël Dubois  
69622 Villeurbanne cedex  
FRANCE  
guignard@univ-lyon7.fr

**Sheila D. Hanes**  
4200 54<sup>th</sup> Ave. S  
St. Petersburg, FL 33711  
(727) 341-0097  
Fax: (727) 343-6419  
hanessd@eckerd.edu

**AJ Harris**  
8E 9820 104th Street  
Edmonton AB T5K0Z1  
Canada  
aj.harris@ualberta.ca

**Matthew Haworth**  
Belfield  
University College Dublin  
Dublin D4 IRELAND  
matthew.haworth@ucd.ie

**Patrick S. Herendeen**  
Department of Biological Sciences  
The George Washington University  
Lisner Hall 340  
Washington, DC 20052  
(202) 994-5828  
Fax: (202) 994-6100  
herenden@gwu.edu

**Elizabeth Hermsen**  
Department of Ecology and  
Evolutionary Biology  
Haworth Hall  
1200 Sunnyside Avenue  
University of Kansas  
Lawrence, Kansas 66045-7534  
ehersmen@ku.edu  
(785) 864-4255

**Genaro R. Hernandez-Castillo**  
Department of Biological Sciences  
Instituto de Geología, UNAM  
Mexico City 4510 MEXICO  
genarohc@geologia.unam.mx

**Linda V. Hernick**  
New York State Museum  
3140 Cultural Education Center  
Albany, NY 12230  
(518) 486-3699  
(518) 474-5816  
Fax: (518) 486-3696  
lhernick@mail.nysed.gov

**Fabiany Herrera**  
Geology-Paleobotany  
Florida Museum of Natural History-  
University of Florida  
Dickinson Hall, Museum Road  
University of Florida Campus

Gainesville, FL 32611  
fherrera@flmnh.ufl.edu

**Leo J. Hickey**  
Dept. of Geology and Geophysics  
Yale University  
210 Whitney Avenue  
P.O. Box 208118  
New Haven, CT 06520-8118  
(203) 432-5006  
Fax: (203) 432-3134  
leo.hickey@yale.edu

**Jason Hilton**  
Department of Earth Sciences  
Edgbaston  
Birmingham B15 2TT  
UNITED KINGDOM  
j.m.hilton@bham.ac.uk

**Sean Michael Hoban**  
Biological Sciences  
University of Notre Dame  
321 Galvin Life Science Building  
Notre Dame, IN 46556  
shoban@nd.edu

**Carol Hotton**  
101Sheridan Ave.  
Takoma Park, MD 20912  
(301) 435-5890  
hotton@ncbi.nlm.nih.gov

**Shusheng Hu**  
Florida Museum of Natural History  
University of Florida  
Dickinson Hall  
P.O. Box 117800  
Gainesville, FL 32611-7800  
(352) 392-1721 ext 250  
Fax: (352) 846-0287  
hu@flmnh.ufl.edu

**Stefanie M. Ickert-Bond**  
University of Alaska  
Museum of the North Herbarium  
907 Yukon Drive  
Fairbanks, AK 99775  
(907) 474-7109  
Fax: (907) 474-5469  
ffsi1@uaf.edu

**Idaresit tom Ifon**  
15 Tokunbo Street  
Sabo Yaba Lagos Nigeria  
Lagos LA 234  
Nigeria  
joygirl884life@yahoo.com

**Bonnie Fine Jacobs**  
Environmental Science Program  
Southern Methodist University  
P.O. Box 750395  
Dallas, TX 75275-0395  
(214) 768-2743  
Fax: (214) 768-2701  
bjacobs@mail.smu.edu

**Jan Jansonius**  
Geological Survey of Canada  
3303 33 St. NW  
Calgary, Alberta T2L 2A7  
CANADA  
(403) 292-7179  
Fax: (403) 292-6014  
jjansonius@gsc.nrcan.gc.ca (work)  
jansonij@cadvision.com (home)

**Carlos Jaramillo**  
Center for Tropical Paleocology and  
Archeology  
Smithsonian Tropical Research  
Institute  
Unit 0948  
Army Post Office AA 34002-0948  
carlos@flmnh.ufl.edu

**Douglas P. Jensen**  
Department of Biology  
Converse College  
580 East Main Street  
Spartanburg, SC 29302  
(864) 596-9123  
douglas.jensen@converse.edu

**Karen G. Jensen**  
P.O. Box 400  
Grizzly Flat, CA 95636  
(530) 626-3610  
(530) 626-4538 (h)  
Fax: (530) 626-8524  
kjensen@d-web.com

**Kirk R. Johnson**  
Dept. of Earth and Space Sciences  
Denver Museum of Nature and  
Science  
2001 Colorado Blvd.  
Denver, CO 80205-5798  
(303) 370-6448  
Fax: (303) 331-6492  
kjohnson@dmnh.org

**Andrew Maxwell Phineas Jones**  
Biology, UBC  
3333 University Way  
Kelowna BC V1V 1V7  
Canada  
Max.Jones@ubc.ca

## Directory of Paleobotanical Section Membership

**Gregory John Jordan**  
School of Plant Science  
University of Tasmania  
Life Science Building 9  
Hobart, Tasmania 7001  
AUSTRALIA  
Fax: +61/3 6226 7237  
greg.jordan@utas.edu.au

**Nathan A. Jud**  
1044 Vacationland Dr.  
Cincinnati, OH 45231  
nj370003@ohio.edu

**Donald R. Kaplan**  
Dept. Plant & Microbial Biology  
University of California  
Berkeley, CA 94720-3102  
(510) 642-4187  
Fax: (510) 642-4995  
kaplandr@nature.berkeley.edu

**Steven James Karafit**  
Department of Biological Sciences  
University of Alberta  
CW-401  
Edmonton AB T6G 2E9  
CANADA  
skarafit@ualberta.ca

**Jeremy Keene**  
1645 W Walnut Lawn, Apt 622  
Springfield, MO 65807  
Jeremy496@missouristate.edu

**Paul Kenrick**  
Department of Palaeontology  
The Natural History Museum  
Cromwell Road  
London SW7 5BD  
UNITED KINGDOM  
+44/171 938 9318  
Fax: +44/171 938 9277  
P.Kenrick@nhm.ac.uk

**Hans Kerp**  
Forschungsstelle für Paläobotanik  
Westfälische Wilhelms-Universität  
Münster  
Hindenburgplatz 57  
D-48143 Münster GERMANY  
+49/251 83 23966  
Fax: +49/251 83 21739  
kerp@uni-muenster.de

**Paul R. Kester**  
15228 78th Ave. SE  
Snohomish, WA 98296-8423  
pkester@u.washington.edu

**Sharon D. Klavins**  
Department of Biology  
1 University Plaza

University of Wisconsin-Platteville  
Platteville, WI 53818  
(608) 342-1793  
klavins@uwplatt.edu

**Ashley A. Klymiuk**  
Biological Sciences  
University of Alberta  
B-423 Biological Sciences  
116th and Sask. Drive  
Edmonton AB T6G 2E9  
Canada  
aklymiuk@ualberta.ca

**M. Jane Knaus**  
25 Shady Grove Lane  
Wimberley, TX 78676  
(513) 847-7922  
mk13@wimberley.tx.com

**Andrew H. Knoll**  
Botanical Museum  
Harvard University  
26 Oxford Street  
Cambridge, MA 02138  
(617) 495-9306  
Fax: (617) 495-5667  
aknoll@oeb.harvard.edu

**Lenny Kouwenberg**  
Department of Geology  
Field Museum of Natural History  
1400 South Lake Shore Drive  
Chicago, IL 60605  
lkouwenberg@fmnh.org

**Elizabeth A. Kowalski**  
Florida Museum of Natural History  
University of Florida  
Dickinson Hall  
P.O. Box 117800  
Gainesville, FL 32611-7800  
(352) 273-1933  
Fax: (352) 846-0287  
kowalsk@flmnh.ufl.edu

**Jonathan Krieger**  
Dept. of Eco. and Evo. Biology  
Cromwell Road  
London SW7 5BD  
UNITED KINGDOM  
j.krieger@nhm.ac.uk

**Michael B. Krings**  
Bayerische Staatssammlung für  
Paläontologie und Geologie  
Richard-Wagner Strasse 10  
Munich D-80333  
GERMANY  
m.krings@lrz.uni-muenchen.de

**Jiri Kvacek**  
Palaeontology Vaclarske Nam 68  
Natural Museum Prague  
Praha 111579

CZECH REPUBLIC  
+02/24497239  
Fax: +02/226488  
jiri.kvacek@nm.cz

**Margaret Landis**  
1008 Burns St.  
Emporia, KS 66801  
(620) 343-8559  
Fax: (352) 846-0287  
paleocatstar@hotmail.com

**H. Richard Lane**  
900 Stuart St.  
Arlington, VA 22230  
(703) 292-4730  
Fax: (703) 292-9025  
hlane@nsf.gov

**Constantine A. LaPasha**  
Dept. of Wood and Paper Science  
Box 8005  
North Carolina State University  
Raleigh, NC 27695-8005  
(919) 515-6276  
Fax: (919) 515-6302  
calfor@unity.ncsu.edu

**Richard Leary**  
837 Roanoke Dr.  
Springfield, IL 62702  
(217) 546-7993  
leary@museum.state.il.us

**Estella B. Leopold**  
Department of Biology  
Box 351310  
University of Washington  
Seattle WA 98195  
(206) 685-1151  
Fax: (205) 221-5253  
eleopold@u.washington.edu

**Ben A. LePage**  
Senior Environmental and  
Remediation Project Manager  
PECO Energy Company  
2301 Market Avenue, S9-1  
Philadelphia, PA 19103  
Office: 215-841-5572  
Cell: 215-776-5588  
Fax: 215-841-5579  
E-mail: ben.lepage@exeloncorp.com

**\*Cheng-sen Li**  
Department of Palaeobotany  
Institute of Botany  
Chinese Academy of Sciences  
Xiangshan, Beijing 100093  
P. R. CHINA  
+86/10 62593385  
+86/10 62591431 ext. 6436  
Fax: +86/10 62593385

## Directory of Paleobotanical Section Membership

lics@ns.icas.ac.cn

### Hongqi Li

Department of Biology  
101 Braddock Road  
Frostburg State University  
Frostburg, MD 21532  
(301) 687-4168  
hli@frostburg.edu

### \*Xingxue Li

Nanjing Inst. of Geology & Paleont.  
Chinese Academy of Science  
39 Beijing Dong Road  
Chi-Ming-Ssu  
Nanjing, 210008  
P. R. CHINA  
+86/25 3282212  
+86/25 7713557  
Fax: +86/25 3357026  
Paleobot@public1.ptt.js.cn

### Richard A. Lis

California Dept. of Fish & Game  
2440 Athens Ave.  
Reading, CA 96001  
rlis@dfg.ca.gov

### Stefan Allan Little

Pennsylvania State University  
510 Deike Building  
University Park, PA 16802-2714  
(780) 492-5518  
slittle@psu.edu

### (Christopher) Yusheng Liu

Department of Biological Sciences  
309 Brown Hall  
East Tennessee State University  
Box 70703  
Johnson City, TN 37614-1710  
(423) 439-6920  
liuc@etsu.edu

### Terry Allan Lott

Florida Museum of Natural History  
Museum Road and Newell Drive  
Dickinson Hall  
Gainesville, FL 32611-7800  
(352) 273-1933  
lott@flmnh.ufl.edu

### Pei-Luen Lu

Botany  
1711 East West Road, #634  
Honolulu, HI 96848  
peiluen@hawaii.edu

### Richard Lupia

Sam Noble Oklahoma Museum of  
Natural History, and School of  
Geology and Geophysics  
The University of Oklahoma  
2401 Chautauqua Avenue  
Norman, OK 73072-7029

(405) 325-7229

Fax: (405) 325-7699  
rlupia@ou.edu

### Susana A. Magallón

Dpto. de Botánica, Inst. de Biología  
Universidad Nacional Autónoma de  
México  
3er Circuito Exterior, Anexo al Jardín  
Botánico  
A.P. 70-233  
04510 Mexico D.F., MEXICO  
+52/ 55 5622 9087  
Fax: +52/ 55 5550 1760  
S.Magallon@ibiologia.unam.mx

### James F. Mahaffy

Department of Biology  
Dordt College  
498 Fourth Avenue, NE  
Sioux Center, IA 51250-1697  
(712) 722-6279  
mahaffy@dordt.edu

### Louis J. Maher, Jr.

Dept. of Geology and Geophysics  
1215 West Dayton St.  
University of Wisconsin  
Madison, WI 53706-1692  
(608) 262-9595  
Fax: (608) 262-0693  
maher@geology.wisc.edu

### Holly Makagon

4339 46th St.  
San Diego, CA 92115  
holljo@gmail.com

### Steven R. Manchester

Florida Museum of Natural History  
Dickinson Hall  
Museum Rd. and Newell Dr.  
P.O. Box 117800  
University of Florida  
Gainesville, FL 32611-7800  
(352) 273-1935  
Fax: (352) 846-0287  
steven@flmnh.ufl.edu

### Luke Mander

School of Biology and Env.Science  
University College Dublin  
Belfield Dublin Ireland  
luke.mander@gmail.com

### Gene K. Mapes

Environmental Studies  
Ohio University  
The Ridges – Bldg. 22  
Athens, OH 45701

(740) 593-9358 ext. 1126

Fax: (740) 593-0482  
mapesg@ohiou.edu

### Edoardo Martinetto

Dipartimento di Scienze della  
Terra Via Accademia delle Scienze 5  
I-10123 Torino  
ITALY  
+39/11 5628928  
Fax: +39/11 541755  
Edoardo.martinetto@unito.it

### Erika Ortiz Martinez

Michoacan Mz 165 Lt. 9  
Ixtahuacan. Del. Iztapalapa. C.P  
09690 México  
MEXICO  
pativel@servidor.unam.mx

### Marcela Martinez-Milán

Department of Plant Biology  
Cornell University  
510a Mann Library  
Ithaca, NY 14853  
(607) 255-8961  
(607) 255-4839  
mm383@cornell.edu

### Nicholas J. Matzke

National Center for Science Ed.  
420 40th St.  
Oakland, CA 94609  
matzke@ncseweb.org

### Amy M. McClain

Sam Noble Oklahoma Museum of  
Natural History  
2401 Chautauqua Avenue  
Norman, OK 73072-7029  
(405) 325-8266  
Fax: (405) 325-7699  
amcclain@ou.edu

### Shauna R McDonald

380 Granite Avenue, Apt. #3  
Arcata, CA 95521  
srm43@humboldt.edu

### Jennifer McElwain

Marie Curie Team Leader  
Lecturer in Plant Palaeobiology and  
Palaeoecology  
UCD School of Biology and  
Environmental Science  
University College Dublin  
Belfield Dublin 4 Ireland  
353-1-7162524

## Directory of Paleobotanical Section Membership

Fax: 353-1-7061152  
Jennifer.McElwain@ucd.ie

### **Danette McMurrin**

College of Natural Resources  
University of Wisconsin-Stevens  
Point, 01001  
Stevens Point, WI 54481  
(715) 346-4777  
Danette.McMurrin@uwsp.edu

### **Herbert W. Meyer**

National Park Service  
Florissant Fossil Beds Ntl.  
Monument  
P.O. Box 185  
Florissant, CO 80816  
(719) 748-3253  
Fax: (719) 748-3164  
Herb\_Meyer@nps.gov

### **Brigitte Meyer-Berthaud**

UMR Botanique et Bioinformatique  
de l'Architecture des Plantes  
CIRAD - CNRS (UMR 5120)  
TA40/PS2  
2196 Bd. de La Lironde  
F-34398 Montpellier Cedex 05  
FRANCE  
+33/04 67 61 75 22  
Fax: +33/04 67 61 56 68  
meyerberthaud@cirad.fr

### **James E. Mickle**

Department of Botany, Box 7612  
North Carolina State University  
Raleigh, NC 27695-7612  
(919) 515-9050  
Fax: (919) 515-3436  
james\_mickle@ncsu.edu

### **Michael A. Millay**

Department of Environmental &  
Plant Biology  
Ohio University Southern Campus  
1804 Liberty Avenue  
Ironton, OH 45638  
(740) 533-4554  
millay@ohio.edu

### **Charles N. Miller, Jr.**

4704 Aspen Dr.  
Missoula, MT 59802  
(406) 543-8710  
millercn@aol.com

### **John M. Miller**

1166 Walker Avenue, Apartment B  
Walnut Creek, CA 94596  
blndane27@hotmail.com

### **Randal Mindell**

Department of Biological Sciences  
Edmonton, Alberta T6G 2E9  
CANADA

(780) 433-1930  
rmindell@ualberta.ca

### **Madhumi Mitra**

Department of Natural Science  
University of Maryland Eastern  
Shore  
CH 3122  
Princess Anne, MD 21853  
(410) 651-6049  
Fax: (410) 651-7739  
mmitra@mail.umes.edu

### **Barbara Mohr**

Museum für Naturkunde Paläont.  
Invalidenstr. 43  
D-10115 Berlin  
GERMANY  
+49/30 2093 8855  
Fax: +49/30 2093 8868  
barbara.mohr@rz.hu-berlin.de

### **Silvana H Monteiro**

Dept. Ciências Biológicas  
Universidade Estadual de Feira de  
Santana  
BR116 km 3 Campus Universitario  
Feira de Santana/Bahia/Brazil  
44031-460 Brazil  
sil.monteiro@gmx.net

### **Abigail J. Moore**

1735 Spruce St., Apt. 3  
Berkeley, CA 94709  
(435) 649-8859  
ajmoore@berkeley.edu

### **B. Roger Moore**

30 Parker Lane Rd.  
Milan, TN 38358  
(901) 686-3714  
brmoore@click1.net

### **Lisa Deree Morton**

Biology, SJSU  
1 Washington Square  
Duncan Hall c/o Dr. Rodney Myatt  
San Jose, CA 95125  
lisa@codewins.com

### **Jochen Mueller**

Herbarium Haussknecht  
Furstengraben 1  
Jena 07737  
GERMANY  
+49/364 949258  
jochen.mueller@uni-jena.de

### **Jeff Myers**

Dept. of Earth & Physical Sciences  
Western Oregon University

345 North Monmouth Ave  
Monmouth, OR 97361  
(503) 838-8165  
myersj@wou.edu

### **Christopher D Nakahashi**

Botany  
University of Hawaii at Manoa  
3190 Maile Way, Room 101  
Honolulu, HI 96822  
cdn@hawaii.edu

### **Karl J. Niklas**

Department of Plant Biology  
Plant Science Building  
Cornell University  
Ithaca, NY 14853-5908  
(607) 255-8727  
Fax: (607) 255-5407  
kjn2@cornell.edu

### **Lachezar Atanasov Nikolov**

Harvard University  
64 Linnaean St.  
487 Currier Mail Center  
Cambridge, MA 02138  
lnikolov@fas.harvard.edu

### **Harufumi Nishida**

Laboratory of Biosphere Sciences  
Faculty of Science & Engineering  
Chuo University  
1-13-27 Kasuga, Bunkyo-ku  
Tokyo 112-8551  
JAPAN  
+81/3 3817 5625  
+81/3 3817 5618  
Fax: +81/3 3817 5619  
helecho@kc.chuo-u.ac.jp

### **Kevin C. Nixon**

L. H. Bailey Hortorium  
462 Mann Library  
Cornell University  
Ithaca, NY 14853  
KCN2@cornell.edu

### **BreAnne Nott**

Biological Sciences  
Eastern Illinois University  
206 Pheasant Lane  
Hudson, IL 61748  
bmnot@eiu.edu

### **Michael L. Orock**

891 Berwin Street  
Akron, OH 44310  
(330) 535-6891  
coprolith@webtv.net

### **Jeffrey M. Osborn**

School of Science  
The College of New Jersey  
P.O. Box 7718  
Ewing, NJ 08628-0718

## Directory of Paleobotanical Section Membership

(609) 771-2724  
Fax: (609) 637-5116  
josborn@tcnj.edu

**Eduardo G. Ottone**  
Dept. de Ciencias Geologicas  
Facultad de Ciencias Exactas y  
Naturales  
Universidad de Buenos Aires  
Pabellon no 2 Ciudad Universitaria  
C1428EHA Buenos Aires,  
ARGENTINA  
+54/011 4821 8134  
Fax: +54/011 4576 3329  
ottone@gl.fcen.uba.ar

**Virginia M. Page**  
2125 Wellesley St.  
Palo Alto, CA 94306-1354  
(650) 857-0521  
virginiampage@earthlink.net

**Aaron Pan**  
Department of Geological Sciences  
Southern Methodist University  
P.O. Box 750395  
Dallas, TX 75275-0395  
(972) 680-2663  
apan@mail.smu.edu

**Rosemary Paull**  
School of Earth & Env. Sciences  
Benham Building  
University of Adelaide  
South Australia 5005  
+61 8 8303 5710  
Fax: +61 8 8303 6222  
rosemary.paull@adelaide.edu.au  
**Daniel J. Peppe**  
Yale University  
New Haven, CT 06520-8109  
daniel.peppe@yale.edu

**Russel Peppers**  
2707 W. Curtis Rd. RR2  
Champaign, IL 61822  
(217) 359-5421  
Fax: (217) 244-7004

**Hermann W. Pfefferkorn**  
Dept. of Geology  
University of Pennsylvania  
Philadelphia, PA 19104-6316  
(215) 898-5156  
(215) 898-5724  
Fax: (215) 898-0964  
hpfeffer@sas.upenn.edu

**Tom L. Phillips**  
Dept. of Plant Biology  
University of Illinois  
289 Morrill Hall  
505 S. Goodwin Ave.  
Urbana, IL 61801

(217) 333-0653  
tphilli@uiuc.edu

**Carlie J. Phipps**  
Department of Math/Science  
SUNY Institute of Technology  
P.O. Box 3050  
Utica, NY 13504-3050  
(315) 792-7203  
Fax: (315) 792-7503  
phippsc@sunyt.edu

**Kathleen B. Pigg**  
Department of Plant Biology  
Box 874501  
Arizona State University  
Tempe, AZ 85287-4501  
(480) 965-3154  
Fax: (480) 965-6899  
kpigg@asu.edu

**Steven P. Pressley**  
595 Mountain View Ave.  
Vallejo, CA 94589  
stevenpressley@comcast.net

**Cyrille Prestianni**  
Université de Liège  
Boulevard du Rectorat B18  
Liège 4000 Belgium  
cyrille.prestianni@ulg.ac.be

**Surangi W. Punyasena**  
University of Chicago  
1025 East 57th St.  
Chicago, IL 60637  
surangi@uchicago.edu  
**Pamela Puppo**  
4340 A DeTonty Street  
St. Louis, MO 63110  
p\_puppo@hotmail.com

**John A. Raven**  
Scottish Crop Research Institute  
Plant Research Unit  
Invergowrie Dundee DD2 5DA  
United Kingdom  
j.a.raven@dundee.ac.uk

**Anne Raymond**  
Texas A&M University  
Department of Geology &  
Geophysics  
College Station, TX 77843-3115  
(409) 845-0644  
Fax: (409) 845-6162  
raymond@geo.tamu.edu

**Andrew Rees**  
Earth Sciences  
University of Birmingham  
Aston Webb Building  
Edgbaston Birmingham B15 2TT  
United Kingdom

arr115@bham.ac.uk

**William C. Rember**  
Geology Department  
University of Idaho  
Moscow, ID 83844  
(208) 885-7828  
(208) 882-0987  
rember@uidaho.edu

**Adrian John Renshaw**  
University of Western Sydney  
Locked Bag 1797  
South Penrith DC  
NSW 1797 Australia  
a.renshaw@uws.edu.au

**Greg J. Retallack**  
Department of Geological Sciences  
University of Oregon  
Eugene, OR 97403-1272  
(541) 346 4558  
Fax: (541) 346 4692  
gregr@darkwing.uoregon.edu

**Michael G. Riley**  
Biological Sciences  
University of Alberta  
Edmonton Alberta T6G 2E9  
CANADA  
(780) 431-0497  
mriley@telusplanet.net

**Charles N. Roberts**  
21 S. Park Ave.  
Tarpon Springs, FL 34689  
cnr2@gte.net

**Traesha Robertson**  
3412 33rd Street  
Lubbock, TX 79410  
shadow-fire@prodigy.net

**Fulton E. Rockwell**  
Harvard University  
26 Oxford St.  
Cambridge, MA 02138  
rockwel@fas.harvard.edu

**Marta J. Rolig**  
118 Double Springs Road  
Murfreesboro, TN 37127  
mjr2x@mtsu.edu

**Gar W. Rothwell**  
Dept. of Env. & Plant Biology  
Ohio University  
Athens, OH 45701-2979  
(740) 593-1129 or 593-1118  
Fax: (740) 593-1130  
rothwell@ohiou.edu

## Directory of Paleobotanical Section Membership

**Dana L. Royer**

Wesleyan University  
265 Church St.  
Middletown, CT 06459-0139  
droyer@wesleyan.edu

**Christina T. Russin**

Northwestern University  
Program in Biological Sciences  
2205 Tech Drive  
Evanston, IL 60208  
c-russin@northwestern.edu

**Patricia Elizabeth Ryberg**

Department of Ecology and  
Evolutionary Biology  
2045 Haworth Hall  
1200 Sunnyside Avenue  
Lawrence, KS 66045  
rybergp@ku.edu

**Jackeline Salazar Lorenzo**

Edic. Cedro V, Apto 101  
Calle Arenas, Residencial  
Palmas del Mar Santo Domingo  
Dominican Republic  
pleodendron@yahoo.com

**Heather Louise Sanders**

Dept Environmental & Plant Biology  
Ohio University  
Porter Hall  
Athens, OH 45701  
(740) 593-1129  
hs288303@ohio.edu

**Stephen E. Scheckler**

3050 Hawks Nest Lane  
Draper, VA 24324-2826  
stephen@vt.edu

**Charlotte Luise Scheriau**

Biodiversity and Plant Systematics  
Heidelberg Institute for Plant Science  
Im Neuenheimer Feld 345  
Heidelberg 69120 Germany  
cscheriau@hip.uni-heidelberg.de

**Kelly Schmoker**

820 S. Jenifer Ave.  
Glendora, CA 91740  
kschmoker@dfg.ca.gov

**Juergen Schonenberger**

Department of Botany  
University of Stockholm  
Lilla Frescativäje

Stockholm SE-10691

SWEDEN  
schonenberger@botan.su.se

**J. William Schopf**

CSEOL-Geology Bldg.  
University of California  
Los Angeles, CA 90095-1567  
(310) 825-1170  
Fax: (310) 825-0097  
schopf@ess.ucla.edu

**Howard E. Schom**

Museum of Paleontology  
Valley Life Sciences Building  
University of California  
Berkeley, CA 94720  
(510) 643-5205  
(510) 642-1821 (museum office)  
Fax: (510) 642-1822  
4270how@attbi.com

**Paul F. Schulze**

221 Main Rd.  
West Port Island, ME 04578  
ps6c@nih.gov

**Andrew B. Schwendemann**

3601 Clinton Parkway C303  
Lawrence, KS 66405  
aschwend@ku.edu

**Elizabeth C. Seastrum**

5600 Wisconsin Ave Apt 404  
Chevy Chase, MD 20815-4409

**Rudolph Serbet**

Dept. of Ecology and Evo. Biology  
University of Kansas  
Haworth Hall  
Lawrence, KS 66045  
(785) 864-3410  
serbet@ku.edu

**Leyla Seyfullah**

16 Spennall Grove  
Birmingham B29 5DD  
United Kingdom  
ljs447@bham.ac.uk

**Kartik R. Shah**

10-A Ajinkya Apts  
Tagore Rd, Santa Cruz  
Mumbai 400054 INDIA  
extraneus.extraneus@gmail.com

**Barbara G. Shipes**

101 Clayton Rd.  
Yorktown, VA 23693  
(757) 875-1390  
Fax: (757) 875-5263  
barbara.shipes@hamptonu.edu

**J. Franklin Shipes**

101 Clayton Rd.  
Yorktown, VA 23693  
(757) 875-1390  
Fax: (757) 875-5263  
jfshipes@norfolk.infi.net

**Andrew Simpson**

Department of Biological Sciences  
California State University, Chico  
206 Holt Hall  
Chico, CA 95926  
andy.g.simpson@gmail.com

**Hallie J. Sims**

University of Iowa  
Department of Geoscience  
Iowa City, IA 52242  
hallie-sims@uiowa.edu

**Judith E. Skog**

Department of Biology - 3E1  
George Mason University  
4400 University Drive  
Fairfax, VA 22030-4444  
(703) 993-1026  
jskog@gmu.edu

**Robin Y. Smith**

Geological Sciences  
University of Saskatchewan  
114 Science Place  
Saskatoon SK S7N 5E2  
CANADA  
robin.smith@usask.ca

**Selena Y. Smith**

Dept. of Geology & Geophysics  
Royal Holloway Univ of London  
Egham Hill  
Egham, Surrey TW20 0EX  
UNITED KINGDOM  
s.smith@gl.rhul.ac.uk

**Pamela Soltis**

Florida Museum of Natural History  
University of Florida  
PO Box 117800  
Gainesville, FL 32611  
psoltis@flmnh.ufl.edu

**Olga H. Speck**

Bot. Garden Schaezle  
Schaezlestrasse 1  
D-79104 Freiburg I. Br.  
GERMANY  
+49/761 203 2803  
Fax: +49/761 203 2804  
olga.speck@biologie.uni-freiburg.de

## Directory of Paleobotanical Section Membership

**\*Shyam C. Srivastava**

Birbal Sahni Institute of  
Palaeobotany  
53 University Road  
Lucknow, 226007  
INDIA  
Fax: +91/522 381948

**Yannick M. Staedler**

Institute of Systematic Botany  
Zollikerstrasse 107  
Zurich SWITZERLAND 8008  
SWITZERLAND  
staedler@systbot.uzh.ch

**William E. Stein, Jr.**

Department of Biological Sciences  
State University of New York  
Binghamton, NY 13902-6000  
(607) 777-4391  
Fax: (607) 777-6521  
stein@Binghamton.edu

**Michael E. Sternberg**

2208 31st St.  
Anacortes, WA 98221  
(360) 293-2405  
msternberg@hughes.net

**Dennis W. Stevenson**

Harding Laboratory  
The New York Botanical Garden  
200<sup>th</sup> St. and Southern Blvd.  
Bronx, NY 10458-5126  
(718) 817-8632  
Fax: (718) 817-8648  
dws@nybg.org

**James B. Stichicka**

33 Woodland Drive  
Alamo, CA 94507-2656  
(925) 935-1834  
jstichicka@pacbell.net

**Ruth A. Stockey**

Department of Biological Sciences  
University of Alberta  
Edmonton, Alberta T6G 2E9  
CANADA  
(780) 492-5518  
Fax: (780) 492-9234  
(780) 492-0078  
ruth.stockey@ualberta.ca

**Rudiger Stritzke**

Geologischer Dienst NRW, De-  
Greiff-Str. 195  
D-47803 Krefeld  
GERMANY  
Tel. +49/0 2151 897263

Fax +49/0 2151 987505  
ruediger.stritzke@gd.nrw.de

**Caroline A.E. Strömberg**

Department of Biology  
University of Washington  
24 Kinkaid Hall  
Seattle, WA 98195-1800  
(206) 543-1687  
caestrom@u.washington.edu

**Paul K. Strother**

Dept. of Geology & Geophysics  
Boston College  
Weston Observatory  
381 Concord Rd.  
Weston, MA 02493-1340  
(617) 552-8395  
Fax: (617) 552-8388  
strother@bc.edu

**Debra Stults**

27640 Rigsby Road  
Daphne, AL 36526  
dstults@disl.org

**\*Ge Sun**

Nanjing Inst. of Geology & Paleont.  
Chinese Academy of Science  
39 Beijing Dong Road  
Chi-Ming-SSU  
Nanjing, Jiangsu, 210008  
P.R. CHINA  
+86/25 6631818  
Fax: +86/25 3357026  
gsun@jlonline.com

**Ralph E. Taggart**

Department of Plant Biology  
206 Natural Science Bldg.  
Michigan State University  
East Lansing, MI 48824  
taggart@msu.edu

**Habib Mona Tahir**

Junior Girls Section  
Swat Public School & College  
Naway Kalay, Mingora  
Swat, N-W.F.P Pakistan  
Swat 19200 Pakistan  
monatahir@swatvalley.com

**Masamichi Takahashi**

Dept of Environmental Sciences  
Faculty of Science  
Niigata University  
8050, 2-No-Cho Igarashi

Ikashira, Niigata City 950-2181  
JAPAN  
+81/25 262 6991  
Fax: +81/25 262 6991  
masa@env.sc.niigata-u.ac.jp

**\*Armen Takhtajan**

Komorov Botanical Institute  
Acad. Sciences  
2 Prof. Popov Street  
St. Petersburg 197376  
RUSSIAN REPUBLIC  
7 812 234 5314  
Fax: 7 812 234 0092  
binran@glas.apc.org

**David W. Taylor**

Department of Biology  
Indiana University Southeast  
4200 Grant Line Rd.  
New Albany, IN 47150  
(812) 941-2377  
Fax: (812) 941-2731  
dwtaylor2@ius.edu

**Edith L. Taylor**

Dept. of Ecology and Evolutionary  
Biology - Haworth Hall  
University of Kansas  
1200 Sunnyside Avenue  
Lawrence, KS 66045-7534  
(785) 864-3621  
Fax: (785) 864-5321  
etaylor@ku.edu

**Thomas N. Taylor**

Dept. of Ecology and Evolutionary  
Biology - Haworth Hall  
University of Kansas  
1200 Sunnyside Avenue  
Lawrence, KS 66045-7534  
(785) 864-3625  
Fax: (785) 864-5321  
tntaylor@ku.edu

**Wilson A. Taylor**

Department of Biology  
University of Wisconsin-Eau Claire  
105 Garfield Avenue  
P.O. Box 4004  
Eau Claire, WI 54702-4004  
(715) 836-3176  
Fax: (715) 836-5089  
taylorwa@uwec.edu

**Witt Taylor**

Arizona State University

## Directory of Paleobotanical Section Membership

School of Life Sciences  
P.O. Box 874601  
Tempe, AZ 85287-4601  
(480) 965-3154  
witt.taylor@asu.edu

**Kazuo Terada**  
Fukui Prefectural Dinosaur Museum  
51-11 Terao, Muroko  
Fukui 911-8601 JAPAN  
k-terada@dinosaur.pref.fukui.jp

**William D. Tidwell**  
Department of Botany and Range  
Science  
Brigham Young University  
Provo, UT 84602-5181  
(801) 378-3660  
william\_tidwell@byu.edu

**Bruce H. Tiffney**  
Department of Geological Sciences  
University of California  
Santa Barbara, CA 93106-9630  
(805) 893-2959  
Fax: (805) 893-2314  
tiffney@geol.ucsb.edu

**Alexandru Mihail Florian Tomescu**  
Department of Biological Sciences  
1 Harpst Street  
Humboldt State University  
Arcata, CA 95521  
(707) 826-3229  
Fax: 707-826-3201  
amt32@humboldt.edu

**Christian W. Torres-Sanana**  
Department of Botany  
University of Hawaii at Manoa  
3190 Maile Way, St John 101  
Honolulu, HI 96822  
cwts@hawaii.edu

**Alfred Traverse**  
Department of Geosciences  
403 Deike Building  
The Pennsylvania State University  
University Park, PA 16802  
or  
Alphabet Arboretum  
9212 Standing Stone Road  
Huntingdon, PA 16652, USA  
(814) 643-1958  
atraverse@earthlink.net

**Mary Louise Trivett**  
Dept. Environmental and Plant Biol.  
Ohio University  
Athens, OH 45701-2979  
(740) 593-1129 (lab)

Fax: (740) 593-1130  
trivett@ohio.edu

**Kazuhiko Uemura**  
Nat. Museum of Science & Nature  
3-23-1, Hyakunin Cho  
Tokyo 169-0073  
JAPAN  
uemura@kahaku.go.jp

**Dieter Uhl**  
Villenstrasse 13  
D-67433 Neustadt/  
Weinstrasse  
GERMANY  
dieter.uhl@gmx.de

**Garland Rudolph Upchurch**  
Texas State University  
Department of Biology  
601 University Drive  
San Marcos, TX 78666  
gu01@txstate.edu

**Maria von Balthazar**  
Department of Paleobotany  
Swedish Museum of Natural History  
Box 50007  
Stockholm SE-10405  
SWEDEN  
+46/851954293  
Fax: +46/851954221  
mwbalthazar@hotmail.com

**Robert H. Wagner**  
Jardín Botánico de Córdoba  
Avenida de Linneo s/n  
14004 Córdoba  
SPAIN  
+34/957 20 00 18  
+34/57 2374 89 (h)  
Fax: +34/957 29 53 33  
cr1wagro@uco.es

**Andrea T. Wakefield**  
3306 Meredith  
Austin, TX 78703  
awakefield2410@att.net

**Femke Wallien**  
Elsevier Science B.V.  
Earth Sciences Department  
P.O. Box 1930  
1000 BX Amsterdam  
THE NETHERLANDS  
+31/20 586 2702  
Fax: +31/20 586 2696  
fwallien@elsevier.nl

**Hongshan Wang**  
Florida Museum of Natural History  
University of Florida  
Dickinson Hall  
Museum Rd. and Newell Dr.  
P.O. Box 117800  
University of Florida  
Gainesville, FL 32611-7800  
(352) 273-2107  
(352) 856-5871 (h)  
Fax: (352) 846-0287  
hwang@flmnh.ufl.edu

**Xin Wang**  
Nanjing Inst. of Geology & Paleont.  
Chinese Academy of Science  
39 Beijing Dong Road  
Nanjing 210008  
P.R. CHINA  
wangxin@flmnh.ufl.edu

**Jim Weedin**  
Division of Math & Science  
Community College of Aurora  
16000 E. CentreTech Pkwy.  
Suite C310A  
Aurora, CO 80011-9036  
(303) 361-7398  
Fax: (303) 361-7374  
Jim.weedin@cca.cccoes.edu

**Amanda Kate Weise**  
PO Box 868  
Woodbury, CT 06798  
amanda\_weise@sbcglobal.net

**Elisabeth Wheeler**  
Dept. of Wood & Paper Science  
North Carolina State University  
710 Dixie Trail  
Raleigh, NC 27695-8005  
(919) 515-5728  
Fax: (919) 513-3496  
xylem@unity.ncsu.edu

**Peter Wilf**  
Department of Geosciences  
Pennsylvania State University  
University Park, PA 16802  
(814) 865-6721  
Fax: (814) 863-8724  
pwilf@psu.edu

**Wendy Wilsson**  
21483 Gladis Ave.  
Port Charlotte, FL 33952

## Directory of Paleobotanical Section Membership

wwilsd01@fiu.edu

**Jonathan Paul Wilson**  
Harvard University  
26 Oxford St.  
Botanical Museum 51  
Cambridge, MA 02138  
jpwilson@fas.harvard.edu

**Scott L. Wing**  
Dept. of Paleobiology, NHB 121  
Smithsonian Institution  
P.O. Box 37012  
Washington, DC 20013-7012  
(202) 357-2649  
Fax: (202) 786-2832  
wings@si.edu

**Joe E. Winstead**  
College of Science and Technology  
Southern Arkansas University  
Box 9397  
Magnolia, AR 71753  
(870) 235-4290  
Fax: (870) 235-4936  
jewinstead@saumag.edu

**Deborah Woodcock**  
Clark University  
47 Florence St.  
Hudson, MA 01749  
(978) 562-3081  
dwoodcock@clarku.edu

**Cheng-Chiang Wu**  
Department of Organismic and  
Evolutionary Biology  
Harvard University  
16 Divinity Avenue #1112  
Cambridge, MA 02138  
cwu@oeb.harvard.edu

**Renate Terese Wuersig**  
Purdue University  
915 West State Street  
Purdue University  
West Lafayette, IN 47907-2054  
rwuersig@purdue.edu

**Atsushi Yabe**  
Fukui Prefectural Dinosaur Museum  
51-11 Terao, Muroko  
Katsuyama, Fukui 911-8601  
JAPAN  
+81/779 88 0001  
Fax: +81/779 88 8710  
a.yabe@dinosaur.pref.fukui.jp

**Toshiro Yamada**  
Graduate School of Natural Science  
and Technology  
Kanazawa University  
Kakuma

Kanazawa, Ishikawa Prefecture  
920-1192 Japan  
ptilo@mb.infoweb.ne.jp

**\*Zhaoqi Yao**  
Nanjing Inst. of Geology & Paleont.  
Chinese Academy of Science  
39 Beijing Dong Road  
Nanjing, 210008  
P.R. CHINA  
+86/25 6637208  
Telex: 432301 NJJGP CN

**Michael S. Zavada**  
Department of Biological Sciences  
Box 70703  
East Tennessee State University  
Johnson City, TN 37614  
(432) 439-6919  
Fax: (423) 439-5958  
zavadam@mail.etsu.edu

**Wenheng Zhang**  
Department of Botany  
The Harvard University Herbaria  
22 Divinity Avenue  
Cambridge, MA 02138-2020  
zhangwenheng@hotmail.com

**\*Zhiyan Zhou**  
Nanjing Inst. of Geology & Paleont.  
Chinese Academy of Science  
39 Beijing Dong Road  
Nanjing, 210008  
P. R. CHINA  
+86/25 3282229 (office)  
+86/25-6639548 (home)  
Fax: +86/25 3357026  
zyzhou@nigpas.ac.cn

**A. Gerald Zvirblis**  
22 Yorktown Road  
Mountaintop, PA 18707-2236  
azvirblis@aol.com

PALEOBOTANICAL SECTION  
Publications & Sales Items

Circle the items that you would like to purchase, and return this form to Michael Dunn, Secretary-Treasurer, along with a check made out to the Paleobotanical Section, BSA.. Prices include postage.

1. REPORT OF THE COMMITTEE ON PALEOBOTANY (\$5.00 ea.)

- Appendix B 1921
- Appendix C 1922
- Appendix J (issued April, 1929)
- Appendix P (issued May, 1930)
- Appendix P (issued April, 1931)
- Appendix P (issued April, 1932)
- Appendix D (issued April, 1933)
- Appendix F (issued April, 1934; with exhibit A) with biblio. for 1933-1934
- Appendix H (issued April, 1935) with biblio. for 1934-1935
- Appendix D (issued May, 1936) with biblio. for 1935-1936
- Appendix C (issued May, 1937) with biblio. for 1936-1937
- Appendix D (issued April, 1938) with biblio. for 1937-1938
- Appendix C (issued April, 1939) with biblio. for 1938-1939
- Appendix C (issued April, 1940) with biblio. for 1939-1940
- Appendix H (issued May, 1941) with biblio. for 1940-1941
- Appendix Q (issued May, 1942) with biblio. for 1941-1942
- Appendix P (issued October, 1943) with biblio. for 1942-1943
- Appendix J (issued November, 1944) with biblio. for 1943-1944
- No. 17 (issued October, 1945) with biblio. for 1944-1945
- No. 18 (issued March, 1947) with biblio. for 1945-1946
- No. 19 (issued June, 1951) with biblio. for 1946-1947
- No. 20 (reissue of Rept. No. 1, 1949), with biblio for 1948
- No. 21 (issued June, 1951), with biblio. for 1949-1950
- No. 22 (issued Dec., 1952), with biblio. for 1951
- No. 23 (issued March, 1954), with biblio for 1952

2. BIBLIOGRAPHY OF AMERICAN PALEOBOTANY (\$8.00 ea.)

<input type="checkbox"/> 1958-59	<input type="checkbox"/> 1978	<input type="checkbox"/> 1986	<input type="checkbox"/> 1994	<input type="checkbox"/> 2001
<input type="checkbox"/> 1962-63	<input type="checkbox"/> 1979	<input type="checkbox"/> 1987	<input type="checkbox"/> 1995	<input type="checkbox"/> 2002
<input type="checkbox"/> 1966-67	<input type="checkbox"/> 1980	<input type="checkbox"/> 1988	<input type="checkbox"/> 1996	<input type="checkbox"/> 2003
<input type="checkbox"/> 1972	<input type="checkbox"/> 1981	<input type="checkbox"/> 1989	<input type="checkbox"/> 1997	<input type="checkbox"/> 2004
<input type="checkbox"/> 1974	<input type="checkbox"/> 1982	<input type="checkbox"/> 1990	<input type="checkbox"/> 1998	<input type="checkbox"/> 2005
<input type="checkbox"/> 1975	<input type="checkbox"/> 1983	<input type="checkbox"/> 1991	<input type="checkbox"/> 1999	<input type="checkbox"/> 2006
<input type="checkbox"/> 1976	<input type="checkbox"/> 1984	<input type="checkbox"/> 1992	<input type="checkbox"/> 2000	
<input type="checkbox"/> 1977	<input type="checkbox"/> 1985	<input type="checkbox"/> 1993		

3. MISCELLANEOUS PUBLICATIONS (\$3.00 ea.)

- North American Paleobotanical Dissertations 1857-1977
- Schedule of Contributed Papers, (2nd IOP Conference, Edmonton, 1984)
- Fieldtrip Guide, (2nd IOP Conference, Edmonton, 1984)
- Handbook for "Phytodebris Workshop;" (Annual BSA meeting, Toronto, 1989)

\_\_\_\_\_ Field Guide for "Carboniferous Flora of the Central Appalachians: TN & KY;"  
(Annual BSA meeting, Knoxville, 1994)

\_\_\_\_\_ Field Guide for Oregon (Annual BSA meeting, Portland, 2000)

4. T-SHIRTS (\$4.00 ea.)

\_\_\_\_\_ Paleobotanical Section, BSA-50 Yrs of Plant Paleontology -  
S, M, L only (black lettering on gold shirt; 50/50 cotton/polyester)

5. TOTE BAGS (\$5.00 ea.)

\_\_\_\_\_ IOPC V- 1996 Santa Barbara (green lettering on cream background)

6. BUTTONS (\$1.50 ea.)

\_\_\_\_\_ Kiss a Rock

\_\_\_\_\_ 50 Years of Fossils -For Telling the Past - Fortelling the Future

\_\_\_\_\_ Paleobotany -Life in the Past Lane (Richmand, VA 1990)

\_\_\_\_\_ Paleobotany -Time is on Our Side (San Antonio, TX 1991)

\_\_\_\_\_ Paleobotanists do it in a Timely Manner (Honolulu, HA 1992)

\_\_\_\_\_ Paleobotanists Harvest VERY Old Growth Forests (San Diego, 1995)

\_\_\_\_\_ Paleobotany - It's more than a peeling (Seattle, 1996) - 2 versions available:

\_\_\_\_\_ Astromylon root

\_\_\_\_\_ Psaronius stem

\_\_\_\_\_ The Lost Whorl (Montreal, 1997)

\_\_\_\_\_ Paleobotany--all rock, all the time (Baltimore, 1998)

\_\_\_\_\_ Say it with Fossils (St Louis, 1999)

\_\_\_\_\_ Will Work for Fossils (Portland, 2000)

\_\_\_\_\_ Dead Plants Tell No Lies (Albuquerque, 2001)

\_\_\_\_\_ Paleobotany - Still Deep Once Green (Madison, 2002)

\_\_\_\_\_ Plants Mobilized in the Eocene (Mobile, 2003)

\_\_\_\_\_ Fellowship of the Ferns (Snowbird, 2004)

\_\_\_\_\_ Revenge of the Rocks (Austin, 2005)

\_\_\_\_\_ A Century for BSA, An Epoch for Fossils (Chico, 2006)

\_\_\_\_\_ Accept Death, It Gives You an Edge (Chico, 2006)

\_\_\_\_\_ Compressions rock, Nodules Roll (Chicago, 2007)

RETURN TO:

Dr. Michael Dunn

Department of Biology

Cameron University

Lawton, OK 73505

580-581-2287

E-Mail: [michaeld@cameron.edu](mailto:michaeld@cameron.edu)

SEND ORDER TO: (your name and address, please)

---

---

---