

**BIBLIOGRAPHY OF  
AMERICAN PALEOBOTANY  
FOR 2007**



Serge Mamay

Paleobotanical Section  
Botanical Society of America

# Paleobotanical Section

## Botanical Society of America

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2008

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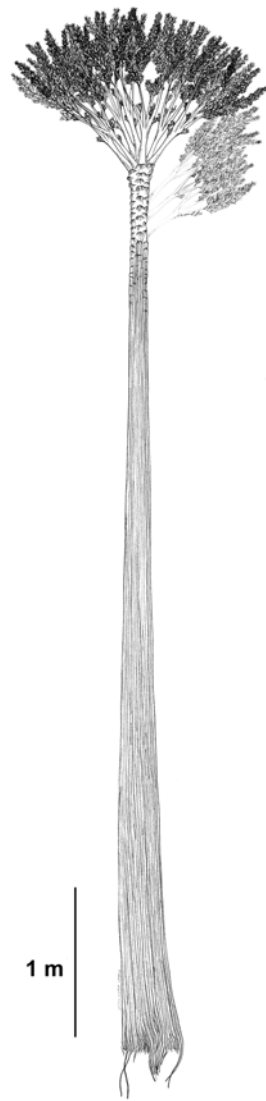
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AMERICAN PALEOBOTANY  
FOR 2007**

Compiled under the auspices  
of the  
Paleobotanical Section  
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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.

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\*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 *Telangiosis* in a *Diplopteridium*-like association from the Virgilian (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 Gazette 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* (aphleboid 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. Bengtson, 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.  
Hermsen, 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.  
Hermsen, 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/sacculi 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

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