

# Curriculum Vitae of Paul E. Olsen

## (Pt. 2 - Publications)

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### Books

#### In Preparation:

Olsen, P. E., under contract, Dinosaur and Other Fossil Tracks of Eastern North America: Columbia University Press (to be completed by 2004).

#### 2003:

LeTourneau, P. M. and Olsen, P. E. (eds.), 2003, The Great Rift Valleys of Pangea in Eastern North America, vol. 1-2, [Columbia University Press](#).

Volume 1: Tectonics, Structure, and Volcanism, 214 p. (ISBN 0-231-11162-2) [\[View table of contents or purchase from CU Press.\]](#);

Volume 2: Sedimentology, Stratigraphy, and Paleontology, 384 p. (ISBN 0-231-12676-X) [\[View table of contents or purchase from CU Press\]](#).

### Articles

#### In Press and Submitted:

Carter, J. G., Olsen, P. E., Sues, H-D., Peyer, K., Campbell, D. C., Campbell, M. R., Coffey, B., and Harlow, S. A., 2005, Life and death in the Triassic: an extraordinary tetrapod assemblage from the Late Triassic of North Carolina. for Canadian Journal of Earth Science.

Olsen, P.E., 2005, Field Guide for Non-marine Boundary Events in the Newark Basin (New Jersey, Pennsylvania, and Connecticut), Eastern United States and their Litho-, Chrono- and Biostratigraphic Context. Guidebooks for Field Workshops of IGCP 458 (in press). ([download a .pdf preprint of this paper: 10 MB!](#))

Olsen, P.E. and Whiteside, J.H., 2005, Pre-Quaternary Milankovitch cycles and climate variability, in Gornitz, V. (ed.), Encyclopedia of Paleoclimatology and Ancient Environments, Earth Science Series, Kluwer Academic Publishers, Dordrecht, the Netherlands (in press).

Whiteside, J.H., Olsen, P.E., Kent, D.V., Fowell, S.J., Et-Touhami, M., 2005, Synchrony between the CAMP and the Triassic-Jurassic mass-extinction event? Palaeogeography, Palaeoclimatology, and Palaeoecology, (in press, 2006), doi:10.1016/j.palaeo.2006.06.035.

#### 2006:

Sha, J, Morton, N., Wang, Y., Olsen, P.E., Pienkowski, G., Wimbledon W.A.P., and Riccardi, A.C., 2006, Marine and non-marine Jurassic: boundary events and correlation. Progress in Natural Science, v. 16 (Special Issue), p. I-VI. ([download a .pdf of this paper: 15.3 MB](#))

## 2005:

Olsen, P.E., Whiteside, J.H., Fedak, T., 2005, Field Trip A7: The Triassic-Jurassic faunal and floral transition in the Fundy Basin, Nova Scotia. Geological Association of Canada, Mineralogical Association of Canada, Canadian Society of Petroleum Geologists, Canadian Society of Soil Sciences Joint Meeting, Halifax, May 2005, AGS Special Publication Number 26, 53 p. ([download a .pdf of this paper: 62.3 MB!](#)).

Olsen, P.E., Whiteside, J.H., LeTourneau, P.M., and Huber, P., 2005, Jurassic cyclostratigraphy and paleontology of the Hartford basin. In B.J. Skinner and A.R. Philpotts (eds.), 97th New England Intercollegiate Geological Conference, Department of Geology and Geophysics, Yale University, New Haven, Connecticut, p. A4-1 – A4-51. ([download a .pdf of this paper: 6.7 MB](#)).

Olsen, P.E., Whiteside, J.H., Fedak, T., 2005, Triassic-Jurassic faunal and floral transition in the Fundy Basin, Nova Scotia. NAPC Field Guidebook, North American Congress, Halifax, 52 p. ([download a .pdf of this paper: 46.7 MB!](#)).

## 2004:

Machlus, M., Hemming, S.R., Olsen, P.E., and Christie-Blick, N., 2004, Eocene calibration of geomagnetic polarity time scale reevaluated: Evidence from the Green River Formation of Wyoming, *Geology*, v. 32, no. 2, p. 137-140. ([download a .pdf of this paper: 400 KB](#))

Muttoni, G., Kent, D.V., Olsen, P.E., DiStefano, P., Lowrie, W., Bernasconi, S., Hernandez, F.M., 2004, Tethyan magnetostratigraphy from Pizzi Mondello (Sicily) and correlation to the Late Triassic Newark astrochronological polarity time scale, *Geological Society of America Bulletin*, v. 116; no. 9/10; p. 1043–1058. ([download a .pdf of this paper: 1 MB](#))

Olsen, P.E., Kent, D.V., and Whiteside, J.H., 2004, The Newark Basin, The Central Atlantic Magmatic Province, and the Triassic-Jurassic Boundary. Field Trip for the 8th Annual DOSECC Workshop on Continental Scientific Drilling, May 22-25, 2004. Rutgers University New Brunswick, New Jersey, DOSECC, Salt Lake City, 45 p. ([download a .pdf of this paper: 4.5 MB](#))

## 2003:

Gates, A.E., and Olsen, P.E., 2003, *Geology of the Lower Hudson Valley*, 2001 New York State Geological Association Field Trip Guide Book, New York State Geological Association, New York State Museum, Albany, v. 73 (2001), 204 p. To purchase this guidebook see: <http://www.nysgaonline.org>

Huber, P., McDonald, Olsen, P. E., 2003, Early Jurassic insects from the Newark Supergroup, northeastern North United States, in LeTourneau, P.M. and Olsen, P.E. (eds.), *The Great Rift Valleys of Pangea in Eastern North America*, vol .2: Sedimentology, Stratigraphy, and Paleontology, Columbia University Press, New York, p. 206-223.

Olsen, P.E., Kent, D. V., Et-Touhami, M., 2003, Chronology and stratigraphy of the Fundy and related Nova Scotia offshore basins and Morocco based on core and outcrop. in Brown, D. (ed.), *Conventional Core Workshop*, Geological Society of America (NE Section) and Atlantic Geoscience Society, Halifax, p. 51-63. [download a .pdf of this paper \(7.4 MB\)](#).

Olsen, P.E., Kent, D. V., Et-Touhami, M., and Puffer, J. H., 2003, Cyclo-, magneto-, and bio-stratigraphic constraints on the duration of the CAMP event and its relationship to the Triassic-Jurassic boundary, in Hames, W.E., McHone, J.G., Renne, P.R., Ruppel, C. (eds.), *The Central Atlantic Magmatic Province:*

Insights From Fragments of Pangea, Geophysical Monograph Series, v. 136, p. 7-32. [download a .pdf of this paper \(5.9 MB\)](#).

Olsen, P.E., Kent, D.V., Sues, H.-D., Koeberl, C., Huber, H., Montanari, A., Rainforth, E. C., Fowell, S.J., Szajna, M.J., and Hartline, B.W., 2003, Ascent of dinosaurs linked to an iridium anomaly at the Triassic-Jurassic boundary (Reply to Thulborn). *Science*, v. 301, p. 169. [download a .pdf of the comment and reply as they appeared in Science](#); [download a .pdf of the full text of the reply](#); [download a .pdf of the comment by Thulborn](#).

Olsen, P. E. and McHone, J.G., 2003, Part II: Introduction [The Central Atlantic Large Igneous Province], in LeTourneau, P.M. and Olsen, P.E. (eds.), *The Great Rift Valleys of Pangea in Eastern North America*, vol. 1: Tectonics, Structure, and Volcanism, Columbia University Press, p. 137-140.

Olsen, P.E. and Rainforth, E.C., 2003, The "Age of Dinosaurs" in the Newark basin, with special reference to the lower Hudson Valley. in Gates, A.E., (ed.) and Olsen, P.E., (organizer), *Geology of the Lower Hudson Valley, 2001 New York State Geological Association Field Trip Guide Book*, New York State Geological Association, New York State Museum, Albany, v. 73 (2001), p. 59-176. [download a .pdf of this paper \(50 MB!\)](#).

Olsen, P.E. and Rainforth, E.C., 2003, The Early Jurassic ornithischian dinosaurian ichnogenus *Anomoepus*, in LeTourneau, P.M. and Olsen, P.E. (eds.), *The Great Rift Valleys of Pangea in Eastern North America*, vol. 2: Sedimentology, Stratigraphy, and Paleontology, Columbia University Press, p. 314-367.

Olsen, P.E., Whiteside, J.H., and Huber, P., 2003, Causes and consequences of the Triassic-Jurassic mass extinction as seen from the Hartford basin. in Brady, J. B. and Cheney, J.T. (eds.) *Guidebook for Field Trips in the Five College Region, 95th New England Intercollegiate Geological Conference*, Department of Geology, Smith College, Northampton, Massachusetts, p. B5-1 - B5-41. [download a .pdf of this paper \(3.8 MB\)](#).

Schlische, R.W., Withjack, M.O., Olsen, P.E., 2003, Relative timing of CAMP, rifting, continental breakup, and basin inversion: tectonic significance, in Hames, W.E., McHone, J.G., Renne, P.R., Ruppel, C. (eds.), *The Central Atlantic Magmatic Province: Insights From Fragments of Pangea*, Geophysical Monograph Series, v. 136, p. 61-75.

Sues, H.-D., Olsen, P. E., and Carter, J. G., 2003, A new crocodylomorph archosaur from the Upper Triassic of North Carolina. *Journal of Vertebrate Paleontology*, v. 23, p. 329-343. [download a .pdf of this paper \(4.9 MB\)](#).

## **2002:**

Olsen, P.E., Kent, D.V., Sues, H.-D., Koeberl, C., Huber, H., Montanari, A., Rainforth, E. C., Fowell, S.J., Szajna, M.J., and Hartline, B.W., 2002, Ascent of dinosaurs linked to an iridium anomaly at the Triassic-Jurassic boundary. *Science*, v. 296, p. 1305-1307. [Download a .pdf of this paper](#). [Download the supplemental material](#).

Olsen, P.E., Koeberl, C., Huber, H., Montanari, A., Fowell, S.J., Et Touhami, M. and Kent, D.V., 2002, The continental Triassic-Jurassic boundary in central Pangea: recent progress and discussion of an Ir anomaly. *Geological Society of America, Special Paper 356*, p. 505-522. [Request a real reprint of this paper](#). [download a .pdf of this paper](#).

Olsen, P.E. and Rainforth, E.C., 2002, The "Age of Dinosaurs" in the Newark Basin. *American*

Paleontologist, v. 10, no. 2, p. 2-5. [download a .pdf of this paper \(2 MB\)](#).

Withjack, M.O., Schlische, R.W., and Olsen, P.E., 2002, Rift-basin structure and its influence on sedimentary systems. In Robin Renaut, R.W. and Ashley, G.M., eds., Sedimentation in Continental Rifts, SEPM Special Publication No. 73, p57-81. [download a .pdf of this paper \(15 MB!\)](#).

### **2001:**

Colbert, E. H. and Olsen, P. E., 2001, A New and Unusual Aquatic Reptile from the Lockatong Formation of New Jersey (Late Triassic, Newark Supergroup). Novitates No. 3334, p. 1-24. [Request a real reprint of this paper from LDEO \(Olsen\)](#), or [download a .pdf of this paper](#), or buy a real one from the Scientific Publications Distribution department of the American Museum of Natural History Library [scipubs@amnh.org](mailto:scipubs@amnh.org).

### **2000:**

Kent, D. V. and Olsen, P. E., 2000, Magnetic polarity stratigraphy and paleolatitude of the Triassic--Jurassic Blomidon Formation in the Fundy basin (Canada): implications for early Mesozoic tropical climate gradients. Earth And Planetary Science Letters, v. 179, no. 2. p. 311-324. [Request a real reprint of this paper](#) [Download a .pdf of this paper](#).

Kent, D. V. and P.E. Olsen, 2000, Implications of a new astronomical time scale for the Late Triassic, in Bachmann, G. and Lerche, I. (eds.), Epicontinental Triassic, Volume 3, Zentralblatt fur Geologie und Palaontologie, VIII, p. 1463-1474. [Request a real reprint of this paper](#).

Olsen, P. E., Koeberl, C, Huber, H. and Montanari, A., 2000, Progress in the search for an impact layer at the Triassic-Jurassic Boundary in Eastern North America. in Catastrophic Events and Mass Extinctions, LPI, Contributions. [Download a .pdf of this manuscript](#). see also: [The International Conference on Catastrophic Events and Mass Extinctions: Impacts and Beyond](#) and a www site that shows is a facsimile of the poster session presented at that conference (<http://www.ldeo.columbia.edu/~polsen/nbcp/snowbird4.html>)

Olsen, P.E. and Kent, D. V. 2000, High resolution early Mesozoic Pangean climatic transect in lacustrine environments, in Bachmann, G. and Lerche, I. (eds.), Epicontinental Triassic, Volume 3, Zentralblatt fur Geologie und Palaontologie, VIII, p. 1475-1496. [Download a .pdf of this paper \(9.1 MB\)](#).

Olsen, P.E. and Kent, D. V., Fowell, S. J., Schlische, R. W., Withjack, M. O., and LeTourneau, P. M., 2000, Implications of a comparison of the stratigraphy and depositional environments of the Argana (Morocco) and Fundy (Nova Scotia, Canada) Permian-Jurassic basins, in Oujidi, M. and Et-Touhami, M., eds., Le Permien et le Trias du Maroc, Actes de la Premièr Réunion su Groupe Marocain du Permien et du Trias: Oujda, Hilal Impression, p. 165-183. [Download a .pdf of this paper \(4.9 MB\)](#).

Olsen, P. E., Sues, H-D., and Norell, M. A., 2000, First record of *Erpetosuchus* (Reptilia: Archosauria) from the Late Triassic of North America. Journal of Vertebrate Paleontology, v. 20, no. 4, p. 633-636. [Download a pdf of this paper](#).

Sues, H.-D., P.E. Olsen, D.M. Scott, and P.S. Spencer, 2000, Cranial osteology of *Hypsognathus fenneri*, a latest Triassic procolophonid reptile from the Newark Supergroup of eastern North America. Journal of Vertebrate Paleontology v. 20, p. 275-284. [Download a .pdf of this paper](#)

### **1999:**

Kent, D. V. and Olsen, P.E., 1999, Astronomically tuned geomagnetic polarity time scale for the Late

Triassic, *Journal of Geophysical Research*, v. 104, p. 12,831-12,841. [Download a .pdf of this paper \(2.1 MB\)](#).

Olsen, P. E., 1999, Giant Lava Flows, Mass Extinctions, and Mantle Plumes. [perspective on Marzoli, et al.]. *Science* v. 284, no. 5414, p. 604 - 605. [Request a real reprint of this paper](#) or [Download a .pdf of the paper](#).

Olsen, P.E. and Kent, D. V., 1999, Long-period Milankovitch cycles from the Late Triassic and Early Jurassic of eastern North America and their implications for the calibration of the early Mesozoic time scale and the long-term behavior of the planets. *Philosophical Transactions of the Royal Society of London (series A)*, v. 357, p. 1761-1787. [Download a .pdf of this paper \(738 KB\)](#) or [Request a reprint of this paper](#).

Olsen, P.E. and Kent, D. V., and Raeside, R., 1999, International workshop for a climatic, biotic, and tectonic, pole-to-pole coring transect of Triassic-Jurassic Pangea. *Newsletter, ICDP (Potsdam)*, v. 1, p. 16-20.

Sues, H. D. and Olsen, P. E., 1999, A Late Triassic traversodont cynodont from the Newark Supergroup of North Carolina. *Journal of Vertebrate Paleontology* v. 19. no. 2, p. 351-354. [Download a .pdf of this paper \(738 KB\)](#).

#### **1998:**

Olsen, P. E., 1998, Review of "Ecology and Evolution: The Pace of Life" by K. D. Bennett. *Quarterly Review of Biology*, v. 73, p. 207-208.

Olsen, P. E. and Huber, P., 1996, The oldest Late Triassic footprint assemblage from North America (Pekin Formation, Deep River basin, North Carolina, USA). *Southeastern Geology*, v. 38, no. 2, p. 77-90. [Go to a www facsimile of this paper](#).

Olsen, P. E., Smith, J. B., and McDonald, N. G., 1998, Type material of the type species of the classic theropod footprint genera *Eubrontes*, *Anchisauripus*, and *Grallator* (Early Jurassic, Hartford and Deerfield basins, Connecticut and Massachusetts, USA). *Journal of Vertebrate Paleontology*, v. 18, no. 3, p. 586-601. [Request a reprint of this paper](#).

Withjack, M. O., Schlische, R. W., and Olsen, P. E., 1998, Diachronous rifting, drifting, and inversion on the passive margin of Eastern North America: An analog for other passive margins. *American Association of Petroleum Geologists Bulletin*, v. 82, no. 5A, p. 817-835.

#### **1997:**

Axsmith, B. J., Taylor, T. N., Fraser, N. C., Olsen, P. E., 1997, An occurrence of the Gondwanan plant *Fraxinopsis* in the Upper Triassic of eastern North America. *Modern Geology*, v. 21n. 3, p. 299-308.

Kent, D. V. and Olsen, P. E., 1997, Magnetostratigraphy and paleopoles from the Late Triassic Dan River-Danville basin: interbasin correlation of continental sediments and a test of the tectonic coherence of Newark rift basins in eastern North America. *Geological Society of America Bulletin*, v. 109, no. 3, p. 366-377. [Download a .pdf of this paper](#).

Olsen, P. E. 1997. Stratigraphic record of the early Mesozoic breakup of Pangea in the Laurasia-Gondwana rift system. *Annual Reviews of Earth and Planetary Science* v. 25, p. 337-401. [Download a pdf of this paper \(3.5 MB\)](#).

Olsen, P. E. and Huber, P., 1997, Stop 3: Triangle Brick Quarry. In Clark, T. W. (ed), TRIBI: Triassic Basin Initiative, Abstracts with Programs and Field Trip Guidebook, Duke University, Durham, p. 22-29. [Download a .pdf of this paper \(4.1 MB\).](#)

Weems, R. E. and Olsen, P. E., 1997, Synthesis and revision of groups within the Newark Supergroup, eastern North America. Geological Society of America Bulletin, v. 109, no. 2, p. 195-209. [Download a .pdf of this paper.](#)

#### **1996:**

Fraser, N. C., Grimaldi, D. A., Olsen, P. E., and Axsmith, B., 1996, A Triassic Lagerstätte from Eastern North America. Nature, v. 380, p. 615-619. [Download a .pdf of this paper \(1.5 MB\).](#)

Fraser, N. C., and Olsen, P. E., 1996, A new dinosauromorph ichnogenus from the Triassic of Virginia. Jeffersoniana, no. 7, p. 1-17. [Download a .pdf of this paper \(3.2 MB\).](#)

LeTourneau, P. M. and Olsen, P. E. (eds.), 1996, Aspects of Triassic-Jurassic Rift Basin Geoscience: Abstracts. Connecticut Geological and Natural History Survey Miscellaneous Reports 1, 57 pp.

Olsen, P. E., Kent, D. V., Cornet, B., Witte, W. K., and Schlische, R. W., 1996, High-resolution stratigraphy of the Newark rift basin (Early Mesozoic, Eastern North America): Geological Society of America, v. 108, 40-77. [Download a .pdf of this paper.](#)

Olsen, P. E. and Kent, D. V., 1996, Milankovitch climate forcing in the tropics of Pangea during the Late Triassic. Palaeogeography, Palaeoclimatology, and Palaeoecology, v. 122, p. 1-26. [Download a .pdf of this paper.](#)

Olsen P. E., Schlische R. W., Fedosh M. S., 1996, 580 ky duration of the Early Jurassic flood basalt event in eastern North America estimated using Milankovitch cyclostratigraphy. in Morales, M. (ed.) The Continental Jurassic, Museum of Northern Arizona Bulletin 60, p. 11-22. [Download a .pdf of this paper \(2.5 MB\).](#)

Sues, H.-D., Shubin, N. H., Olsen, P. E., and Amaral, W. W., 1996, On the cranial structure of a new protosuchid (Archosauria: Crocodyliformes) from the McCoy Brook Formation (Lower Jurassic) of Nova Scotia, Canada. Journal of Vertebrate Paleontology, v. 16, no. 1, p. 34-41.

#### **1995:**

Ackermann, R. V., Schlische, R. W., and Olsen, P. E., 1995, Synsedimentary collapse of portions of the lower Blomidon Formation (Late Triassic), Fundy rift basin, Nova Scotia. Canadian Journal of Earth Science, v. 32, p. 1965-1976. [Download a .pdf of this paper. \(3.5 MB\).](#)

Fowell, S. J. and Olsen, P. E., 1995, Time calibration of Triassic/Jurassic microfloral turnover, eastern North America [reply]. Tectonophysics, v. 245, no. 1-2, p. 93-99. [Download a .pdf of this paper. \(0.3 MB\).](#)

Kent, D. V., Olsen, P. E., and Witte, W. K., 1995, Late Triassic-Early Jurassic geomagnetic polarity and paleolatitudes from drill cores in the Newark rift basin (Eastern North America). Journal of Geophysical Research, v. 100 (B8), p. 14,965-14,998. [Download a .pdf of this paper \(5.8 MB\).](#)

Kent, D. V., Olsen, P. E., and Witte, W. K., 1995, Late Triassic-Earliest Jurassic geomagnetic polarity reference sequence from cyclic continental sediments of the Newark rift basin (eastern North America). Albertiana v. 16, p. 17-26.

Olsen, P. E., 1995, Paleontology and paleoenvironments of Early Jurassic age strata in the Walter Kidde Dinosaur Park (New Jersey, USA). in Baker, J. E. B., Field Guide and Proceedings of the Twelfth Annual Meeting of the Geological Association of New Jersey, Geological Association of New Jersey, William Patterson College, Patterson, NJ., p. 156-190. [Download a .pdf of this paper \(27 MB\)](#).

Withjack, O. M., Olsen, P. E., and Schlische, R. W., 1995, Tectonic evolution of the Fundy rift basin, Canada: Evidence of extension and shortening during passive margin development. *Tectonics*, v. 14, no. 2, p. 390-405. [Download a .pdf of this paper \(8.2 MB\)](#).

#### **1994:**

Goldberg, D., Reynolds, D., Williams, C., Witte, W. K., Olsen, P. E., and Kent, D. V., 1994, Well logging results from the Newark Rift Basin Coring Project. *Scientific Drilling*, 4 (4-6), pp. 267-279. [Download a .pdf of this paper \(1.7 MB\)](#).

Olsen, P. E. and Johansson, A. K., 1994, Field guide to Late Triassic tetrapod sites in Virginia and North Carolina (Culpeper, Richmond, and Dan River Basins, Newark Supergroup): in Sues, H. D. and Fraser, N. (eds.), *In the Shadow of the Dinosaurs*, in Fraser, N. C. and Sues, H. D. (eds.), Cambridge University Press, p. 408-430.

Fowell, S. J., Cornet, B., and Olsen, P. E., 1994, Geologically rapid Late Triassic extinctions: Palynological evidence from the Newark Supergroup. In: Klein, G. D., (ed.) *Pangaea: Paleoclimate, Tectonics and Sedimentation During Accretion, Zenith and Break-up of a Supercontinent*. Geological Society of America Special Paper 288, p. 197-206.

Shubin, N. H., Olsen, P. E., and Sues, H. D., 1994, Early Jurassic small tetrapods from the McCoy Brook Formation of Nova Scotia Canada: in N. C. Fraser and H. D. Sues (eds.), *In the Shadow of the Dinosaurs*, Cambridge University Press, p. 242-250.

Smoot, J. P. and Olsen, P. E., 1994, Climatic cycles as sedimentary controls of rift basin lacustrine deposits in the early Mesozoic Newark basin based on continuous core. in Lomando, A. J. and Harris, M., *Lacustrine Depositional Systems*, SEPM Core Workshop Notes, v. 19, p. 201-237.

Sues, H., Olsen, P. E. and Kroehler, P. A., 1994, Small tetrapods from the Upper Triassic of the Richmond basin (Newark Supergroup Virginia: in N. C. Fraser and H. D. Sues (eds.), *In the Shadow of the Dinosaurs*, Cambridge University Press, p. 161-170. [Download a .pdf of this paper \(3.7 MB\)](#).

Sues, H.-D., Shubin, N. H., and Olsen, P. E., 1994, A new sphenodontian (Lepidosauria: Rhynchocephalia) from the McCoy Brook Formation (Lower Jurassic) of Nova Scotia, Canada. *Journal of Vertebrate Paleontology*, v. 14, no. 3, p. 327-340.

#### **1993:**

Fowell, S. J., and Olsen, P. E., 1993. Time-calibration of Triassic/Jurassic microfossil turnover, eastern North America. *Tectonophysics* v. 222, p. 361-369. [Download a .pdf of this paper \(0.9 MB\)](#).

Lucas, S.G., Steiner, M.B., Huber, P., Hunt, A.P., Witte, W.K., Kent, D.V., and Olsen, P.E., 1993, Magnetostratigraphy and paleomagnetic poles from Late Triassic-earliest Jurassic strata of the Newark basin: Discussion and reply. *Geological Society of America Bulletin*, v. 105, no. 9, p. 1260-1262. [Download a .pdf of this paper](#).

Sues, H.-D. and Olsen, P. E., 1993, A new procolophonid and a new tetrapod of uncertain, possibly

procolophonian affinities from the upper Triassic of Virginia: *Journal of Vertebrate Paleontology*, v. 13, no. 3, p. 282-286.

Sues, H.-D., Baird, D., and Olsen, P. E., 1993, Redescription of *Sphodrosaurus pennsylvanicus* Colbert, 1960 (Reptilia) and a reassessment of its affinities: *Annals of the Carnegie Museum*, v. 62, no. 3, p. 245-253.

### **1992:**

Behrensmeyer, A. K., Hook, R. W., Badgley, C. E., Boy, J. A., Chapman, R. E., Dodson, P., Gastaldo, R. A., Graham, R. W., Martin, L. D., Olsen, P. E., Spicer, R. A., Taggart, R. E., and Wilson, M. V. H., 1992, Paleoenvironmental context and taphonomic modes. in Behrensmeyer, A. K., Damuth, J. D., DiMichel, W. A., Potts, R., Sues, H. D., and Wing, S. L. (eds.) *Terrestrial Ecosystems Through Time*, ETE, University of Chicago Press, p. 16-136.

Olsen, P. E., McDonald, N. G., Huber, P., and Cornet, B., 1992, Stratigraphy and Paleocology of the Deerfield rift basin (Triassic-Jurassic, Newark Supergroup), Massachusetts: in Robinson, P. and Brady, J. B. (eds.) *Guidebook for Field Trips in the Connecticut Valley Region of Massachusetts and Adjacent States* (vol. 2), New England Intercollegiate Geological Conference 84th Annual Meeting, Contribution no. 66, Department of Geology and Geography, University of Massachusetts, Amherst, Massachusetts, p. 488-535.

### **1991:**

Anonymous [Kent, D.V. and Olsen, P.E.], 1991, Drilling completed in Newark Basin, CSD News, v. 2, no. 2, p. 1-2.

Olsen, P. E. and McCune, A. R., 1991, Morphology of the *Semionotus elegans* species group from the Early Jurassic part of the Newark Supergroup of Eastern North America with comments on the family Semionotidae (Neopterygii). *Journal of Vertebrate Paleontology*, 11(3), 269-292.

Olsen, P. E., Froelich, A. J., Daniels, D. L., Smoot, J. P., and Gore, P. J. W., 1991, Rift basins of early Mesozoic age, in Horton, W., ed., *Geology of the Carolinas*, University of Tennessee Press, Knoxville, p. 142-170.

Shubin, N., Crompton, A. W., Sues, H.-D., and Olsen, P. E., 1991, New fossil evidence on the sister-group of mammals and early Mesozoic faunal distributions: *Science*, 251, 1063-1065. [Download a .pdf of this paper.](#)

Witte, W. K., Kent, D. V., and Olsen, P. E. , 1991, Magnetostratigraphy and paleomagnetic poles from Late Triassic-earliest Jurassic strata of the Newark basin: *Geological Society of America Bulletin*, v. 103, p. 1648-1662. [Download a .pdf of this paper.](#)

### **1990:**

Cornet, B. and Olsen, P. E., 1990, Early to Middle Carnian (Triassic) flora and Fauna of the Richmond and Taylorsville basins, Virginia and Maryland, U.S.A.: *Virginia Museum of Natural History, Guidebook*, no. 1, 83 p.

Olsen, P. E., 1990, Tectonic, climatic, and biotic modulation of lacustrine ecosystems: examples from the Newark Supergroup of eastern North America, in Katz, B. (ed.), *Lacustrine Basin Exploration: Case Studies and Modern Analogs*, American Association Petroleum Geologists Memoir 50, p. 209-224.

Olsen, P. E., Fowell, S. J., and Cornet, B., 1990, The Triassic-Jurassic boundary in continental rocks of eastern North America: a progress report: in Sharpton, V. L. and Ward, P. D. (eds.), Global Catastrophes in Earth History; an Interdisciplinary Conference on Impacts, Volcanism, and Mass Mortality, Geological Society of America Special Paper 247, 585-593. [Download a .pdf of this paper.](#)

Olsen, P. E. and Schlische, R. W., 1990, Transtensional arm of the early Mesozoic Fundy rift basin: penecontemporaneous faulting and sedimentation. *Geology*, 18, 695-698. [Download a .pdf of this paper.](#)

Olsen, P. E., and Kent, D., 1990, Continental Coring of the Newark Rift: EOS, Transactions of the American Geophysical Union, 71, 385, 394.

Schlische, R. W., and Olsen, P. E., 1990, Quantitative filling models for continental extensional basins with applications to the early Mesozoic rifts of eastern North America: *Journal of Geology*, 98, 135-155.

Sues, H.-D. and Olsen, P. E., 1990, Triassic vertebrates of Gondwana aspect from the Richmond basin of Virginia: *Science*, 249, 1020-1023.

### **1989:**

Manspeizer, W., deBoer, J., Costain, J. K, Froelich, A. J, Çoruh, C., Olsen, P. E., McHone, G. J., Puffer, J. H., and Prowell, D.C., 1989, Post-Paleozoic activity. In Hatcher, R. D. Jr., Thomas, W. A., and Viele, G. W., eds., *The Appalachian-Oachita Orogen in the United States: Boulder Colorado*, Geological Society of America, *The Geology of North America*, v. F2, p. 319-384.

Olsen, P. E. and Flynn, J., 1989, Field guide to the vertebrate paleontology of Late Triassic rocks in the southwestern Newark Basin (Newark Supergroup, New Jersey and Pennsylvania). *The Mosasaur*, 4, 1-35. [Download a .pdf of this paper \(79.8 MB!\).](#)

Olsen, P. E., Schlische, R. W., and Gore, P. J. W. (and others), 1989, Field Guide to the Tectonics, stratigraphy, sedimentology, and paleontology of the Newark Supergroup, eastern North America. International Geological Congress, Guidebooks for Field Trips T351, 174 p. [Download a .pdf of this paper \(63.2 MB!\).](#)

Olsen, P. E., 1989, South American reptiles found in Virginia: second Triassic extinction constrained in North America, *Lamont Newsletter*, 19, 4-5.

Padian, K. and Olsen, P. E., 1989, Ratite footprints and the stance and gait of Mesozoic Theropods: In D. D. Gillette and M.G. Lockley, *Dinosaur Tracks and Traces*. Cambridge University Press, 231-242.

### **1988:**

Olsen, P. E., 1988, Continuity of strata in the Newark and Hartford Basins of the Newark Supergroup: U.S. Geological Survey Bulletin, 1776, 6-18.

Olsen, P. E., 1988, Paleocology and Paleoenvironments of the Continental Early Mesozoic Newark Supergroup of Eastern North America: In ed. W. Manspeizer, *Triassic-Jurassic Rifting and the opening of the Atlantic Ocean*, Elsevier, Amsterdam, p. 185-230. [Download a .pdf of this paper.](#)

Olsen, P. E., Van Houten, F., and others, 1988, Field guide to the Late Triassic portion of the Newark basin section in the Delaware Valley, New Jersey: in Husch, J. M. and Hozic, M. J. (eds.), *Geology of the Newark Basin, Field Guide and Proceedings of the Fifth Annual Meeting of the Geological Association of New Jersey*, Geological Association of New Jersey, Rider College, Lawrenceville, p. 233-289.

Olsen, P. E. and Schlische, R., 1988, Unraveling the rules of rifts. *Lamont Yearbook*. 1988, 26-31.

Olsen, P. E., Shubin, N. H. and Anders, P. E., 1988, Triassic-Jurassic extinctions [reply to comment by Padian]. *Science*, 241, 1359-1360. [Download a .pdf of this paper.](#)

Schlische, R. W. and Olsen, P. E., 1988, Structural evolution of the Newark basin: in Husch, J. M. and Hozic, M. J. (eds.), *Geology of the Newark Basin, Field Guide and Proceedings of the Fifth Annual Meeting of the Geological Association of New Jersey*, Geological Association of New Jersey, Rider College, Lawrenceville, p. 44-65.

Smoot, J. and Olsen, P. E., 1988, Massive mudstones in basin analysis and paleoclimatic interpretation of the Newark Supergroup: W. Manspeizer, *Triassic-Jurassic Rifting and the opening of the Atlantic Ocean*, Elsevier, Amsterdam, p. 249-274. [Download a .pdf of this paper.](#)

Spiker, E. C., Kurt, R. K., Hatcher, P., Gottfried, R. M., Horan, M. F. and Olsen, P. E., 1988, Source of kerogen in black shales from the Hartford and Newark basins, eastern U.S.: *U.S. Geological Survey Bulletin*, 1776, 63-68. [Download a .pdf of this paper \(1.8 MB\).](#)

### **1987:**

Olsen, P. E., Shubin, N. H. and Anders, P. E., 1987, New Early Jurassic tetrapod assemblages constrain Triassic-Jurassic tetrapod extinction event. *Science*, v. 237, p. 1025-1029. [Download a .pdf of this paper.](#)

Sues, H.-D., Olsen, P. E., and Shubin, N. H., 1987, A diapsid assemblages from the Lower Jurassic of Nova Scotia, Canada: in P. M. Currie and E. H. Koster (eds.), *4th Symposium on Mesozoic Terrestrial Ecosystems, Drumheller: Short Papers: Occasional Papers of the Tyrell Museum of Palaeontology.*, v. 3, p. 205-207.

### **1986:**

Olsen, P. E., 1986, A 40-million-year lake record of early Mesozoic climatic forcing. *Science*, v. 234, p. 842-848. [Download a .pdf of this paper \(4 MB\).](#)

Olsen, P. E., 1986, Impact Theory: Is the past the key to the future? *Lamont- Doherty Geological Observatory Yearbook* , (1985-1986), p. 5-10.

Olsen, P. E., 1986, Discovery of earliest Jurassic reptile assemblage from Nova Scotia implies catastrophic end to Triassic: *Lamont (Newsletter)*, v. 12, p. 1-3.

Olsen, P. E., 1986, Milankovitch cycles in Early Mesozoic rift basins of Eastern North America provide physical stratigraphy and time scale for understanding basin evolution: *Lamont (Newsletter)*, v. 13, 5-6.

Olsen, P. E. and Baird, D., 1986, The ichnogenus *Atreipus* and its significance for Triassic Biostratigraphy: In K. Padian (ed.), *The Beginning of the Age of Dinosaurs, Faunal Change Across the Triassic-Jurassic Boundary*, Cambridge University Press, New York, p. 61-87. [Download a .pdf of this paper \(19 MB!\).](#)

Olsen, P. E. and Padian, K., 1986, Earliest records of *Batrachopus* from the Southwest U.S., and a revision of some Early Mesozoic crocodylomorph ichnogenes: In K. Padian (ed.), *The Beginning of the Age of Dinosaurs, Faunal Change Across the Triassic-Jurassic Boundary*, Cambridge University Press, New York, p. 259-273.

Olsen, P. E. and Sues, H.-D., 1986, Correlation of the continental Late Triassic and Early Jurassic

sediments, and patterns of the Triassic-Jurassic tetrapod transition: In K. Padian (ed.), *The Beginning of the Age of Dinosaurs, Faunal Change Across the Triassic-Jurassic Boundary*, Cambridge University Press, New York, p. 321-351.

## 1985:

Cornet, B. and Olsen, P. E., 1985, A summary of the biostratigraphy of the Newark Supergroup of eastern North America, with comments on early Mesozoic provinciality: In R. Weber (ed.) *Symposio Sobre Flores del Triasico Tardio st Fitografia y Paleoecologia, Memoria. Proc. II) Latin-American Congress on Paleontology (1984)*, Instituto de Geologia Universidad Nacional Autonoma de Mexico, p. 67-81.

Froelich, A. J. and Olsen, P. E., 1985, Newark Supergroup, a revision of the Newark Group in eastern North America: U.S. Geological Survey Circular 946, p. 1-3. [Download a .pdf of this paper.](#)

Olsen, P. E., 1985, Constraints on the formation of lacustrine microlaminated sediments: U.S. Geological Survey Circular 946, p. 34-35.

Olsen, P. E., 1985, Distribution of organic-rich lacustrine rocks in the early Mesozoic Newark Supergroup: U.S. Geological Survey Circular 946, p. 61-64.

Smoot, J. and Olsen, P. E., 1985, Massive mudstones in basin analysis and paleoclimatic interpretation of the Newark Supergroup: U.S. Geological Survey Circular 946, p. 29-33.

Turner-Peterson, C. E., Olsen, P. E., Nuccio, V. F., 1985, Modes of uranium occurrence in the Newark Basin, New Jersey and Pennsylvania: U.S. Geological Survey Circular 946, p. 120-124.

## 1984:

Froelich, A. J. and Olsen, P. E., 1984, Newark Supergroup, a revision of the Newark Group in eastern North America: U.S. Geological Survey Bulletin 1537-A, 1984, A55-A58.

Olsen, P. E., 1984, The skull and pectoral girdle of the parasemionotid fish *Watsonulus eugnathoides* from the Early Triassic Sakamena Group of Madagascar, with comments on the relationships of the holostean fishes: *Journal of Vertebrate Paleontology* v. 4, p. 481-499.

Olsen, P. E., 1984, Periodicity of lake-level cycles in the Late Triassic Lockatong Formation of the Newark Basin (Newark Supergroup, New Jersey and Pennsylvania): In A. Berger, J. Imbrie, J. Hays, G. Kukla, B. Saltzman (eds.), *Milankovitch and Climate*, NATO Symposium, D. Reidel Publishing Co., Pt. 1, p. 129-146. [Download a .pdf of this paper.](#)

Olsen, P. E. and Galton, P.M., 1984, A review of the reptile and amphibian assemblages from the Stormberg of southern Africa, with special emphasis on the footprints and the age of the Stormberg: *Palaeontologia africana*, Haughton Memorial Volume, p. 92-116.

McCune, A.R., Thomson, K.S., and Olsen, P.E., 1984, Semionotid fishes from the Mesozoic Great Lakes of North America: In Echelle, A. A. and Kornfield, I. (eds.), *Evolution of Species Flocks*, University of Maine at Orono Press, Orono, p. 27-44. [Download a .pdf of this paper \(4.5 MB\).](#)

Padian, K. and Olsen, P. E., 1984, The fossil trackway *Pteraichnus*: not pterosaurian, but crocodylian: *Jour. Paleo.*, v. 58, p. 178-184.

Padian, K. and Olsen, P. E., 1984, Footprints of the Komodo Dragon and the trackways of fossil reptiles:

Copeia, 1984, p. 662-671.

### **1975-1982:**

Olsen, P. E., McCune, A. R. and Thomson, K. S., 1982, Correlation of the early Mesozoic Newark Supergroup by Vertebrates, principally fishes: American Journal of Science, v. 282, p. 1-44.

Olsen, P. E., 1981, Comment on "Eolian dune field of Late Triassic age, Fundy Basin, Nova Scotia": Geology, v. 9, p. 557-561.

Manspeizer, W. and Olsen, P. E., 1981, Rift basins of the passive margin: tectonics, organic-rich lacustrine sediments, basin analysis. In W. Hobbs, III (ed.), Field Guide to the Geology of the Paleozoic, Mesozoic, and Tertiary rocks of New Jersey and the central Hudson Valley. New York: Petroleum Exploration Society of New York, p. 25-105.

Olsen, P. E., 1980, The Latest Triassic and Early Jurassic Formations of the Newark Basin (Eastern North America, Newark Supergroup): Stratigraphy, Structure, and Correlation: New Jersey Academy of Science Bulletin, v. 25, p. 25-51.

Olsen, P. E., 1980, Comparison of the vertebrate assemblages from the Newark and Hartford basins (Early Mesozoic, Newark Supergroup) of eastern North America: In Jacobs, L. L. (ed.), Aspects of Vertebrate History. Flagstaff, Museum of Northern Arizona Press, p. 35-53. [Download a .pdf of this paper \(2.2 MB\).](#)

Olsen, P. E., 1980, Fossil great lakes of the Newark Supergroup in New Jersey: In W. Manspeizer (ed.), Field Studies in New Jersey Geology and Guide to Field Trips, 52nd Ann. Mtg. New York State Geol. Assoc., Newark College of Arts and Sciences, Newark, Rutgers University, p. 352-398. [Download a .pdf of this paper \(2.2 MB\).](#)

Olsen, P. E., 1980, Triassic and Jurassic formations of the Newark Basin: In W. Manspeizer (ed.), Field Studies in New Jersey Geology and Guide to Field Trips, 52nd Ann. Mtg. New York State Geol. Assoc., Newark College of Arts and Sciences, Newark, Rutgers University, p. 2-39.

Olsen, P. E., 1979, New aquatic eosuchian from the Newark Supergroup (Late Triassic-Early Jurassic) of North Carolina and Virginia: Postilla, v. 176, 14 p.

Olsen, P. E., 1978, On the use of the term Newark for Triassic and Early Jurassic rocks of eastern North America: Newsletters on Stratigraphy, v. 7, p. 90-95.

Olsen, P. E., Remington, C. L., Cornet, B., and Thomson, K. S., 1978, Cyclic change in Late Triassic lacustrine communities: Science, v. 201, p. 729-733. [Download a .pdf of this paper.](#)

Olsen, P. E., 1977, Stop 1 - Triangle Brick Quarry: In G. L. Bain and B. W. Harvey (eds.), Field Guide to the Geology of the Durham Triassic Basin, Raleigh: Carolina Geological Society. p. 59-60. [Download a .pdf of this paper \(908 KB\).](#)

Olsen, P. E. and Galton, P.M., 1977, Triassic-Jurassic tetrapod extinctions: are they real? Science, v. 197, p. 983-986. [Download a .pdf of this paper.](#)

Olsen, P. E., 1975, The Microstratigraphy of the Roseland Quarry (Early Jurassic, Newark Supergroup, New Jersey): Open File Report, Essex County Park Commission, Newark, New Jersey, 84 p.

### **Ph.D. Thesis**

Olsen, P. E., 1984, Comparative Paleolimnology of the Newark Supergroup: A Study of Ecosystem evolution: Unpublished Ph.D. Thesis, Biology Department, Yale University, 724 p.

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Curriculum Vitae. Name Address Telephone E-mail. Chetvernina Tatiana 109028, Moscow, Pokrovskiy bulv., 8/1 +7-985-998-92-36, +7-495-725-30-02-05 tchetver@yahoo.com; tchetvernina@hse.ru. Work experience. • Dates (from • to) • Name and address of employer • Main activities and responsibilities • Dates (from • to) • Occupation or position held • Main activities and responsibilities. • Dates (from • to) • Occupation or position held • Main activities and responsibilities. • Dates (from • to) • Name and address of employer • Occupation or position held • Main activities and responsibilities. 1978-1 A CV (short for the Latin phrase curriculum vitae, which means "course of life") is a detailed document highlighting your professional and academic history. CVs typically include information like work experience, achievements and awards, scholarships or grants you've earned, coursework, research projects and publications of your work. You may be asked to submit a CV when applying for jobs in academia or a job outside the US. If you need help determining how to write a CV, it can be helpful to consult a template. In this article, we will provide additional background on the document along with A curriculum vitae (CV) provides a summary of your experience, academic background including teaching experience, degrees, research, awards, publications, presentations, and other achievements, skills and credentials. CVs are typically used for academic, medical, research, and scientific applications in the U.S. A curriculum vitae can also be used to apply for fellowships or grants. In Europe, the Middle East, Africa, or Asia, employers may expect to receive a curriculum vitae rather than a resume. A curriculum vitae, commonly referred to as a "CV," is a longer (two or more pages), more detailed synopsis than a resume. There are also differences in what is included, and when each document is used. Paul Willis used a wide range of research methods - including observations and interviews - to really try and see education from the children's point of view. As a Marxist, he was interested in conflict in education and why working-class children went on to do working-class jobs. But he reached quite different conclusions from Bowles & Gintis. Willis' study of working-class boys in a Midlands school has become a classic. His study focused on "the lads" - a group of working-class boys who were disruptive, misbehaved and had a very negative attitude to education. They had The best CV examples for your job hunt. Use our free examples for any position, job title, or industry. Land more interviews by copying what works and personalize the rest. Whether you craft compelling copy, take two on television, or report rumors and revelations, you know how to send a message. Send the hiring manager a powerful message about how you're the best fit for the job with a great CV. Journalism.