

CURRICULUM VITAE

FRANCIS ROBERT ETTENSOHN

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OFFICE

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MILITARY SERVICE

CPT., U.S.A.R. (Corps of Engineers), 1970-1978, Ret.

EDUCATION

Ph.D., University of Illinois at Urbana-Champaign, 1975
Dissertation: *Stratigraphic and Paleoenvironmental Aspects of Upper Mississippian Rocks (Newman Group), East-Central Kentucky* (Advisor: D.B. Blake)
M.S., University of Cincinnati, 1970
Thesis: *Pre-Illinoian Glacial Lake Clays of the Cincinnati Region* (Advisor: R.H. Durrell)
B.S. in Geology (High Honors), University of Cincinnati, 1969
Oak Hills High School (valedictorian), Cincinnati, Ohio, 1965

APPOINTMENTS

Fulbright Lecturer/Researcher, Tribhuvan University, Kirtipur, Nepal, Feb.-July, 2006
Visiting Professor, Escuela Superior Politecnica del Litoral (ESPOL), Guayaquil, Ecuador, Dec., 2005-Jan., 2006
Guest Professor, China University of Geosciences, Beijing, May-Aug., 2005; June, 2006
Math and Science Education Program Faculty, College of Education, 1999-present
Chairman, Department of Geological Sciences, University of Kentucky, 1997- 2005
Professor of Geological Sciences, University of Kentucky, 1987-present
Fulbright Lecturer/Researcher, Novosibirsk State University, Novosibirsk, R.F.S.S.R., Soviet Union, Feb.-June 1989
Acting Chairman, Department of Geological Sciences, University of Kentucky, 1985-86
Associate Professor of Geology, University of Kentucky, 1981-87

Field-Camp Director, University of Kentucky Geology Field Camp, Crested Butte, Colorado, 1977-81, 1984-85, 1992-93, 1995, 1997-98, 2001

Assistant Professor of Geology, University of Kentucky, 1975-81

Graduate Teaching Assistant, University of Illinois, 1971-75

High-School Math Teacher, Greenhills-Forest Park City School District, Cincinnati, Ohio, 1971

Combat Engineer Platoon Leader, Ft. Belvoir, Virginia, 1970

Part-time Teaching Assistant, University of Cincinnati, Cincinnati, Ohio, 1970

TEACHING

Sedimentary and General Geology; courses taught at various times include:

Stratigraphy (undergraduate/graduate, U.S. and China)

Sedimentary petrology (undergraduate/graduate)

Advanced Stratigraphy (graduate)

Carbonate Petrography (graduate, U.S. and China)

Freshman Discovery Seminar (Dinosaurs & Disasters; The Kentucky-Bahama Connection: undergraduate)

Honors (World Food Issues III; Living within Limits)

Dinosaurs and Disasters (undergraduate)

Field Geology and Summer Field Camp (undergraduate)

Geology for Elementary Teachers (undergraduate)

Landforms (undergraduate)

Sedimentary Geology (undergraduate, U.S. and Nepal)

Historical Geology (undergraduate)

Introductory Geology (undergraduate, U.S. and China)

Introductory Geology Laboratory (undergraduate)

Seminar in Geological Sciences (undergraduate and graduate)

Global Tectonics (graduate, Nepal)

Micropaleontology (graduate)

Mankind's Place in the Universe (undergraduate)

Paleoecology (graduate)

Paleoecology Seminar and Bahamas Field Trip (graduate)

Invertebrate Paleobiology and Evolution (Paleontology) (undergraduate/graduate)

Ecology (Arts and Sciences Minicollge: Modern Studies Curriculum)

Natural Science II (Arts and Sciences Minicollge: Modern Studies Curriculum)

UNIVERSITY AND PROFESSIONAL ACTIVITIES

Council for the International Exchange of Scholars, Specialist (Geology) Peer Review Committee, 2007-

Kentucky Academy of Science, Geology Section, Secretary, 2007-

A&S Social Sciences Advisory Committee, Fall, 2006

Journal-Journeys Program, 2006-

U.K. Honors Program, 2005-

U. K. AMSTEMM Program Advisory Board, 2005-

Graduate Council, University of Kentucky, 2004-2005

Appalachian Math-Science Partnership (AMSP) Science Advisory Council, 2003-present

Kentucky NSF EPSCoR, Research Enhancement Grant Review Panel, 2003-2005

Posters-at-the-Capitol Mentor, Frankfort, KY, 2002-2003, 2006-2007

Fayette County Math, Science, and Technology Center Research Program Mentor, 2002-2003

U.K. College of Arts & Sciences General Curriculum Committee, 2002-2003

Joint Chairman, Joint Annual Meeting, North-Central and Southeastern Sections, Geological Society of America, Lexington, KY, 2001-2002

Chairman, Field Trip Committee, Joint Annual Meeting, North-Central and Southeastern Sections, Geological Society of America, Lexington, KY, 2001-2002

Educational Testing Service Validation/Standard-Setting Panel in Earth and Space Sciences, 2000

Kentucky NCUR Advisory Board, 1999-2001

Lexington Area Science Education Reform (LASER) Summer Science Program, 1999

Chair, Review Committee for the Kentucky Geological Survey, 1999

Invited Session Chair, International Symposium on Deltas, Cairo, Egypt, 1999

The President's Initiative on Undergraduate Education, 1998-1999

UK Task Force on Mathematics, Science, and Technology Education, 1998-1999

KET Professional Development Seminars in Earth Science, 1998-2002

Committee on Research and Policy, Kentucky Water Resources Research Institute, 1998-2001

Arboretum Advisory Board, 1997-1999

Standards-based Pre-service Elementary Science Education Project, 1996

College of Arts & Sciences Area A Curriculum Committee, 1995-1997

Academic Area Advisory Committee for the Physical and Engineering Sciences, 1994-1997

Technical editor, *Journal of Paleontology*, 1994-1997

Science Education Initiative Committee, Undergraduate Studies, University of Kentucky, 1994-1997

Council for the International Exchange of Scholars, Geology Discipline Committee, 1993-1996

(Chairman, 1994-1996)

Registered Professional Geologist #0318 in Kentucky, 1993-present

Arts & Sciences – U.S.P. Pilot Study Project (Modern Studies Curriculum), 1992-1997

Board of Directors, Institute for Mining and Minerals Research, 1992-1994

Director of Undergraduate Studies, Department of Geological Sciences, 1992-1997

Member, Eastern Oil Shale Symposium Technical Advisory Committee, 1992-1995

College of Arts and Sciences Area Committee in Math and Sciences, 1991-1994

Vice President and Board of Directors, Kentucky State Museum of Natural History, 1991-present

Ad Hoc Member, Lexington Campus Research Advisory Committee, 1991

Appalachian Explorers Program: 1991, 1994

Member, Organizing Committee, International Symposium on Black Shale Basins and Related Mineral Deposits (IUGS-IGCP Project 254), 1991

Established and ran a short course on black shales for geologists from Mobile Oil Co., Summer 1991

Geology Department, Curriculum Committee, 1989-1990

Geology Department, Awards Committee (Chairman), 1989-2005

Library Liaison, 1989-present

Committee to Evaluate and Review School of Biological Sciences, College of Arts and Sciences, 1989-1990

Committee on Earth Science Education in Kentucky, 1987-1989

University Committee to evaluate bond-issue grants, 1987

Geology Department Budget Committee, 1986-1989

Committee to evaluate Academic Advising and Student Records Offices, College of Arts and Sciences (subcommittee chairman), 1986-1987

Invited to attend G.S.A. Penrose Conferences, 1977, 1986

PEW Foundation Board (Faculty Scholars), 1985-1996

University Undergraduate Council, 1985-1987

Acting Chairman, Aug., 1985-Jan., 1986

University representative to A.B.I.A., 1983-1991

Geology course-scheduling coordinator, 1983-1987

Invited colloquium speaker (Kentucky Geological Society, Ft. Worth Geological Society, Univ. of Oklahoma, Univ. of Tennessee, Ohio State, Morehead State, Eastern Kentucky Univ., Appalachian State, Tulane, Univ. of Indiana, Univ. of Illinois, Univ. of Cincinnati, V.P.I.), various times since 1982

Graduate Faculty, 1983-present

Governor's Scholars Advisory Committee, 1982

Grant-proposal review in stratigraphy and paleontology, biotic surveys and inventories, surficial processes, and systematic biology for N.S.F., U.S.G.S., Petroleum Research Fund, U.S. Civilian Research Development Foundation, National Geographic Society, National Environmental and Resources Council (United Kingdom), various times since 1981

Geology Faculty Secretary, 1981-1982

Bahamas Field Trip, 1979-present

Session convener at Geological Society of America regional and national meetings, various times since 1979

Consultant, environmental geology and black-shale geology, 1979-1980

Geology Graduate Studies Committee, 1977-present

Text-book reviews in general geology, historical geology, field geology and paleontology for Freeman, Burgess, Wiley, Allen and Unwin, and West publishing companies, various times since 1977

Thesis and dissertation advisor (35 M.S., 9 Ph.D.), 1976-present

Geology Field Camp, Field Camp Director, and Field Camp Committee, 1976-1998, 2001

Faculty Advisor, Sigma Gamma Epsilon, 1976-present

Associate Member, Graduate Faculty, 1976-1982; Full Member, 1983-present

Field trip leader for IX-ICC and national and regional A.A.P.G., G.S.A., Kentucky Section, A.I.P.G. and Kentucky Soc. of Prof. Geologists meetings, 1976, 1979, 1981, 1984, 1992, 2002, 2004,

Director, Elementary Geology Lab, 1976-1977, 1991-1992

Undergraduate advising, 1975-present

Review journal articles for *Journal of Sedimentary Petrology*, *Southeastern Geology*, A.G.U. Antarctic Research Series, *Journal of Paleontology*, *Journal of Geology*, *Geology*, *Paleobiology*, *G.S.A. Bulletin*, G.S.A. Special Papers, *New York State Museum Bulletin*, *Ohio Journal of Science*, S.E.P.M. *Contributions in Sedimentology and Paleontology*, *Tectonophysics*, *Palaeogeography*, *Palaeoclimatology*, *Palaeoecology*, *Palios*, *Journal of Sedimentary Research*, *Canadian Society of Petroleum Geology Memoirs*, *American Association of Petroleum Geologists Memoirs*, *American Journal of Science*, *Carbonates and Evaporites*, *Ore Geology Reviews*, and *Journal of Geodynamics* various times since 1975

Geology Undergraduate Studies Committee, 1975-1977, 1989-present

Coordinator, Annual Sedimentation Seminar, 1975-1976

PROFESSIONAL AFFILIATIONS

AAAS

American Geophysical Union

American Institute of Professional Geologists

American Geological Institute

Geological Society of America (Fellow)

Kentucky Society of Professional Geologists (Geological Society of Kentucky; Eastern Sect.:

Treasurer, 1977-78; Vice-President, 1978-79; President, 1984-85)

International Palaeontological Association

Kentucky Academy of Science (Geol. Sect.: Secretary, 1978-80; President, 1979-80; Secretary, 2006-2007)

Palaeontological Association

Paleontological Research Institution

Paleontological Society (Pres., Southeastern Section, 1983-1984)

Sigma Gamma Epsilon (Advisor, Chi Chapter)

Fulbright Association

National Association of Geology Teachers

National Earth Science Teachers Association

Phi Beta Kappa

ACADEMIC HONORS, AWARDS, GRANTS

A.I. Levorsen Best Paper Award, 2006, A.A.P.G. Eastern Section Meeting, Buffalo, N.Y.

\$32,740 - **Ettensohn, F.R.**, agreement through NSF Appalachian Math-Science Partnership (AMSP) for salary and salary savings to help develop and implement summer institutes and college training courses in the earth sciences for elementary and high school teachers in the Appalachian region, 9/1/2003 – 8/30/2005.

\$2,368,748 - Brion, G., **Ettensohn, F.R.**, and Fryar, A.E., Kentucky Environmental Research and Education Consortium (KEREC): University of Kentucky Environmental Research and Training Laboratories (ERTL): NSF/EPSCoR, 3/1/2002 – 2/28/2005.

\$1800 - **Ettensohn, F.R.**, Undergraduate Investigation of Early Cretaceous Dinosaur Trackways in Sattler, Texas: Heritage Museum of the Texas Hill Country, 6/1/2002–8/30/2003.

\$51,929 - **Ettensohn, F.R.**, Krupa, J., and Stevens, J.T., Understanding Scientific Process through Modeling Past and present Causes in the Earth, Life and Environmental Sciences for Middle- and High-School Teachers, Central Kentucky: Kentucky Council on Postsecondary Education, 1/1/01– 6/30/02.

\$59,986 - **Ettensohn, F.R.**, Krupa, J., and Stevens, J.T., A Kentucky-Wide Approach to Middle School Professional Development in the Sciences, Central Kentucky: Kentucky Council on Postsecondary Education, 1/1/99 – 6/30/00.

\$53,814 - **Ettensohn, F.R.**, Troland, T., and Stevens, J.T., Teacher Professional Development in the Earth and Space Sciences for Core-Content Assessment in High School Science, Central Kentucky: Kentucky Council on Postsecondary Education, 1/1/98 – 6/30/99.

Who's Who of Emerging Leaders in America; Who's Who in America, 1992-present

\$15,000 grant from the U.S. Bureau of Mines - Feasibility Study for Producing a Photographic Core-Logging Manual for the Devonian-Mississippian Oil and Gas Shales of Kentucky and Nearby Areas, 1990-1991

\$1500 grant from the Mable Pew Myrin Trust, U.K. Appalachian Studies Program - Distribution and Significance of the Portwood Member of the New Albany Shale, 1989-1990

Fulbright Lectureship, Soviet Union, 1989; Nepal, 2006

\$3,963 REU Supplement from the National Science Foundation - The Tectonic Significance of a Devonian Sedimentary Breccia in a Cratonic Black-Shale Sequence (New Albany Shale), Central Kentucky, 1988

\$1,500 Summer Teaching Improvement Grant, University of Kentucky, 1988

\$1600 grant from Lake-Ronel Oil Co., Texas - Characterization and Paleoenvironmental Interpretation of the Louisville Limestone, West-Central Kentucky, 1987-1988

\$82,569 - **Ettensohn, F.R.**, Use of Interbasinal Relationships in the Devonian-Mississippian Black-Shale Sequence to Decipher the History of the Acadian Orogeny: NSF – 6/1986-5/1989.

\$29,313, Appalachian Basin Industrial Associates in research assistantships, 1983-1991

Fellow, Geological Society of America, 1982-present

Who's Who in the South and Southeast, 1982-present

American Men and Women of Science, 1982-present

\$200 Grant for Educational Improvement (Univ. of Kentucky Mini-grant), 1977-1978

\$343,472 grant from Department of Energy - Stratigraphic and paleoenvironmental analysis of the Upper Devonian-Lower Mississippian black shales of Eastern Kentucky, 1976-1980

\$1,000, Penrose Bequest Research Grant - Paleoenvironmental analysis of Mississippian carbonates in east-central Kentucky, 1974

Sigma Xi, 1974

Research Grant from Shell Oil Company, 1973

Phi Kappa Phi (Graduate Honorary), 1973

\$1,200, Penrose Bequest Research Grant - Paleoenvironmental analysis of Mississippian carbonates in east-central Kentucky, 1973

\$500 Sigma-Xi grant-in-aid-Paleoenvironmental analysis of Mississippian carbonates in east-central Kentucky, 1973

University of Illinois Fellow, 1971-1974

Fenneman Fellow, University of Cincinnati, 1969-1970

University of Cincinnati Scholarship, 1969-1970

Phi Beta Kappa, 1969

Sigma Gamma Epsilon (Geology Honorary), 1969

W.A. Tarr Award for outstanding student in geology, University of Cincinnati, 1969

University of Illinois Summer Field Camp Scholarship, 1968

Awards from Bucher Fund in Geology, University of Cincinnati, 1966-1968

Wurlitzer Foundation Fellow, University of Cincinnati, 1965-1969

McMicken Honorary Scholarship, University of Cincinnati, 1965-1966

PUBLICATIONS: PAPERS, GUIDEBOOKS, MAPS, REVIEWS, and CHARTS

*Refereed; italics: former or present student collaborators

- 1974** ***Ettensohn, F.R.**, 1974, The pre-Illinoian lake clays of the Cincinnati region: *Ohio Journal of Science*, v. 74(4), p. 214-226.
- 1975** ***Ettensohn, F.R.**, 1975, The autecology of *Agassizocrinus lobatus*: *Journal of Paleontology*, v. 49 (6), p. 1044-1061.
- 1976** ***Ettensohn, F.R.**, 1976, New Mastodon finds from southwestern Ohio: *Ohio Journal of Science*, v. 76 (2), p. 71-72.
- 1977** **Ettensohn, F.R.**, 1977, Synsedimentary tectonic activity in the upper Newman Limestone and Pennington Formation, in Dever and others, *Kentucky Geological Society Guidebook, Annual Fall Field Conference*, p. 18-29.
- Ettensohn, F.R.**, Fulton, L.P., and Kepferle, R.C., 1977, Use of the scintillometer and gamma-ray logs for correlation from the subsurface to the surface in black shale, in Schott and others, *Proceedings, First Eastern Gas Shales Symposium, D.O.E., Morgantown, W.VA.: MERC/SP-77/5*, p. 678-690.
- 1978** *Kepferle, R.C., **Ettensohn, F.R.**, and Wilson, E.N., 1978, Preliminary stratigraphic cross section showing radioactive zones in the Devonian black shales in the southern part of the Appalachian Basin: *U.S. Geological Survey Chart OC-85*.
- ***Ettensohn, F.R.**, and Glass, H.D., 1978, Clay-mineral stratigraphy of pre-Illinoian lake clays from the Cincinnati region: *Journal of Geology*, v. 86, p. 393-402.
- ***Ettensohn, F.R.**, 1978, Acrothoracic barnacle borings from the Chesterian of eastern Kentucky and Alabama: *Southeastern Geology*, v. 20 (1), p. 27-31.
- 1979** ***Ettensohn, F.R.**, and Peppers, R.A., 1979, Palynology and biostratigraphy of Pennington shales and coals (Chesterian) at selected sites in northeastern Kentucky: *Journal of Paleontology*, v. 53 (2), p. 453-474.
- ***Ettensohn, F.R.**, Fulton, L.P., and Kepferle, R.C., 1979, Use of scintillometer and gamma-ray logs for correlation and stratigraphy in homogeneous black shales: *Geological Society of America Bulletin*, v. 90, p. 828-849.
- Ettensohn, F.R.**, and Dever, G.R., Jr., eds., 1979, Carboniferous geology from the Appalachian Basin to the Illinois Basin through eastern Ohio and Kentucky: *Guidebook for Field Trip No. 4*, (includes 11 articles authored or co-authored by Ettensohn), IX International Congress of Carboniferous Stratigraphy and Geology, Lexington, KY, 93 p.
- 1980** ***Ettensohn, F.R.**, 1980, An alternative to the Barrier-Shoreline model for deposition of Mississippian and Pennsylvanian rocks in northeastern Kentucky: *Geological Society of America Bulletin*, v. 91, p. 130-135 (pt. II, v. 91, p. 934-1056).
- Dillman, S.B.*, and **Ettensohn, F.R.**, 1980, Structure contour map on the base of the Ohio Shale in eastern Kentucky: Morgantown Energy Technology Center, U.S. Department of Energy, 1 sheet, scale 1:370,000, METC/EGSP Series No. 507.
- Dillman, S.B.*, and **Ettensohn, F.R.**, 1980, Structure contour map on the base of the West Falls Formation (Rhinestreet Shale, Unit 7) in eastern Kentucky: *ibid.*, METC/EGSP Series No. 508.
- Dillman, S.B.*, and **Ettensohn, F.R.**, 1980, Structure contour map on the base of the Java Formation/Olentangy Shale (Unit 6) in eastern Kentucky: *ibid.*, METC/EGSP Series No. 509.

*Dillman, S.B., and Etensohn, F.R., 1980, Structure contour map on the base of the lower Huron Shale Member (Unit 5) of the Ohio Shale in eastern Kentucky: *ibid.*, METC/EGSP Series No. 510.*

*Dillman, S.B., and Etensohn, F.R., 1980, Structure contour map on the base of the middle Huron Shale Member (Unit 4) of the Ohio Shale in eastern Kentucky: *ibid.*, METC/EGSP Series No. 511.*

*Dillman, S.B., and Etensohn, F.R., 1980, Structure contour map on the base of the upper Huron Shale Member (Unit 3) of the Ohio Shale in eastern Kentucky: *ibid.*, METC/EGSP Series No. 512.*

*Dillman, S.B., and Etensohn, F.R., 1980, Structure contour map on the base of the Three Lick Bed (Unit 2) of the Ohio Shale in eastern Kentucky: *ibid.*, METC/EGSP Series No. 513.*

*Dillman, S.B., and Etensohn, F.R., 1980, Structure contour map on the base of the Cleveland Shale Member of the Ohio Shale in eastern Kentucky: *ibid.*, METC/EGSP Series No. 514.*

*Dillman, S.B., and Etensohn, F.R., 1980, Isopachous map of the Devonian black-shale sequence (New Albany-Chattanooga-Ohio Shale) in eastern Kentucky: *ibid.*, METC/EGSP Series No. 515.*

*Dillman, S.B., and Etensohn, F.R., 1980, Isopachous map of the Rhinestreet Shale (Unit 7) in eastern Kentucky: *ibid.*, METC/EGSP Series No. 516.*

*Dillman, S.B., and Etensohn, F.R., 1980, Isopachous map of the Upper Olentangy Shale (Unit 6) in eastern Kentucky: *ibid.*, METC/EGSP Series No. 517.*

*Dillman, S.B., and Etensohn, F.R., 1980, Isopachous map of the middle Huron Shale Member (Unit 5) of the Ohio Shale in eastern Kentucky: *ibid.*, METC/EGSP Series No. 518.*

*Dillman, S.B., and Etensohn, F.R., 1980, Isopachous map of the upper Huron Shale Member (Unit 4) of the Ohio Shale in eastern Kentucky: *ibid.*, METC/EGSP Series No. 519.*

*Dillman, S.B., and Etensohn, F.R., 1980, Isopachous map of the Three Lick Bed (Unit 3) of the Ohio Shale in Eastern Kentucky: *ibid.*, METC/EGSP Series No. 520.*

*Dillman, S.B., and Etensohn, F.R., 1980, Isopachous map of the Three Lick Bed (Unit 2) of the Ohio Shale in eastern Kentucky: *ibid.*, METC/EGSP Series No. 522.*

**Etensohn, F.R., 1980, *Paragassizocrinus*: Systematics, phylogeny, and ecology: Journal of Paleontology, v. 54, p. 978-1007.*

Barron, L.S., and Etensohn, F.R., 1980, A bibliography of the paleontology and paleoecology of the Devonian-Mississippian black-shale sequence in North America: Technical Information Center, U.S. Department of Energy, DOE/METC/5202-13 (UGR File #418), 86 p.

1981 *Etensohn, F.R., and Barron, L.S., 1981, Depositional model for the Devonian-Mississippian black-shale sequence of North America: A tectono-climatic approach: Technical Information Center, U.S. Department of Energy, DOE/METC/12040-2, 80 p.*

**Etensohn, F.R., 1981, *Crininicaminus haneyensis* gen. et. sp. nov., a new agglutinated worm tube from the Chesterian of east-central Kentucky: Journal of Paleontology, v. 55, p. 479-482.*

**Broadhead, T.W., and Etensohn, F.R., 1981, A new *Brockocystis* (Echinodermata:*

Rhombifera) from the Lower Silurian (Llandovery) of Kentucky: *Journal of Paleontology*, v. 55, p. 773-779.

Barron, L.S., and Etensohn, F.R., 1981, Paleoeology of the Devonian-Mississippian black shale sequence in eastern Kentucky: Technical Information Center, U.S. Department of Energy, DOE/ET/12040-151, 75 p.

Etensohn, F.R., and Barron, L.S., 1981, Depositional model for the Devonian-Mississippian black shales of North America: A paleoclimatic approach, Field Trip 3, in Roberts, T.G. (ed.), G.S.A. Cincinnati '81 field trip guidebooks: American Geological Institute, Falls Church, Virginia, v. 11, p. 344-361.

Etensohn, F.R., 1981, Field Trip 4, Part II, Mississippian-Pennsylvanian boundary in north-eastern Kentucky, in Roberts, T.G. (ed.), G.S.A. Cincinnati '81 guidebooks: American Geological Institute, Falls Church, Virginia, v. 1, p. 195-247.

***Etensohn, F.R., 1981, A case for substrate influence on infrabasinal-cone morphology of two Paleozoic stemless crinoid genera from eastern Kentucky: Southeastern Geology, v. 22, p. 169-175.**

***Wilson, E.N., Etensohn, F.R., and Zafar, J.S., 1981, Stratigraphy and structure of the Devonian-Mississippian shale sequence and its substrates along the Rome Trough section in Tennessee, Kentucky, and West Virginia: Morgantown Energy Technology Center, U.S. Department of Energy, METC/EGSP Series No. 500.**

***Wilson, E.N., Etensohn, F.R., and Zafar, J.S., 1981, Stratigraphy and structure of the Devonian-Mississippian shale sequence and its substrates along the southern tie section in Ohio, Kentucky, West Virginia and Virginia. Morgantown Energy Technology Center, U.S. Department of Energy, METC/EGSP Series No. 501.**

Dillman, S.B., and Etensohn, F.R., 1981, Isopach map of highly radioactive black shale in the Chattanooga Shale of south-central Kentucky: Morgantown Energy Technology Center, U.S. Department of Energy, 1 sheet, scale 1:370,000, METC/EGSP Series No. 502.

*Dillman, S.B., and Etensohn, F.R., 1981, Isopach map of highly radioactive black shale in the West Falls Formation in Kentucky: *ibid.*, METC/EGSP Series No. 503.*

*Dillman, S.B., and Etensohn, F.R., 1981, Isopach map of highly radioactive black shale in the Java Formation in Kentucky: *ibid.*, METC/EGSP Series No. 504.*

*Dillman, S.B., and Etensohn, F.R., 1981, Isopach map of highly radioactive black shale in the Three Lick Bed and Huron Shale Member of the Ohio Shale in Kentucky: *ibid.*, METC/EGSP Series No. 505.*

*Dillman, S.B., and Etensohn, F.R., 1981, Isopach map of highly radioactive black shale in the Cleveland Shale Member of the Ohio Shale in Kentucky: *ibid.*, METC/EGSP Series No. 506.*

1982 Etensohn, F.R., and Barron, L.S., 1982, A tectonic-climatic approach to the deposition of the Devonian-Mississippian black-shale sequence of North America: Program, Fall Meeting, October 11 and 15, 1982, Appalachian Basin Industrial Associates, p. 161-249.

***Etensohn, F.R., and Bliefnick, D.M., 1982, Conodonts from a section of Upper Newman Limestone and Pennington Formation (Middle and Upper Chester), northeastern Kentucky: *Journal of Paleontology*, v. 56, p. 1482-1488.**

1983 Etensohn, F.R., and Barron, L.S., 1983, A tectonic-climatic approach to the deposition of the Devonian-Mississippian black-shale sequence of North America: Proceedings, 1982

Eastern Oil Shale Symposium, Kentucky Department of Energy and the University of Kentucky Institute for Mining and Minerals Research, Lexington, p. 5-37.

1984

Ettensohn, F.R., and *Elam, T.D.*, 1984, The Sunbury Shale and Bedford-Berea sequence near the black-shale outcrop belt in east-central and south-central Kentucky: Proceedings, 1983 Eastern Oil Shale Symposium, University of Kentucky Institute for Mining and Minerals Research and the Kentucky Energy Cabinet, Lexington, p. 143-149.

Ettensohn, F.R., and *Elam, T.D.*, 1984, Locating a Late Devonian-Early Mississippian pynocline in eastern Kentucky: Program, Spring Meeting, March 22 and 23, 1984, Appalachian Basin Industrial Associates, Morgantown, p. 99-126.

Ettensohn, F.R., *Dever, G.R., Jr.*, and *Grow, J.S.*, 1984, Fossil soils and subaerial crusts in the Mississippian of eastern Kentucky, *in* Rast, N., and Hay, H.B. (eds.). Field trip guides for Geological Society of America Annual meeting, Southeastern and North-central Sections, Lexington, p. 84-105.

***Ettensohn, F.R.**, 1984, Unattached Paleozoic stemless crinoids as environmental indices: *Geobios Special Memoir No. 8*, p. 63-68.

Gordon, L.A.*, and **Ettensohn, F.R., 1984, Stratigraphy, depositional environments and regional dolomitization of the Brassfield Formation (Llandoveryan) in east-central Kentucky: *Southeastern Geology*, v. 25, p. 101-115.

***Ettensohn, F.R.**, *Rice, C.L.*, *Dever, G.R., Jr.*, and *Chesnut, D.R.*, 1984, Slade and Paragon Formations: New stratigraphic nomenclature for Mississippian rocks along the Cumberland Escarpment in Kentucky: *U.S. Geological Survey Bulletin*, 1065-B, 37 p.

Hale, A.P., and **Ettensohn, F.R.**, 1984, Micromorphological features observed in pedogenic carbonates (caliche) on San Salvador Island, Bahamas: Proceedings of the Second Symposium on the Geology of the Bahamas, 1984, p. 265-277.

1985

Ettensohn, F.R., 1985, The nature and effects of water depth during deposition of the Devonian -Mississippian Black shale: Proceedings, 1984 Eastern Gas Shales Symposium, Institute for Mining and Minerals Research, Lexington, KY, p. 333-346.

***Ettensohn, F.R.**, 1985, Controls on the development of Catskill Delta Complex basin facies: *Geological Society of America Special Paper 201*, p. 65-77.

***Ettensohn, F.R.**, 1985, The Catskill Delta Complex and the Acadian Orogeny: A model: *Geological Society of America Special Paper 201*, p. 39-48.

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THESES AND DISSERTATIONS DIRECTED

- 1978** Paleoenvironmental study of the Chaffee Group (Upper Devonian) in northeast Gunnison County, Colorado (David M. Rettew: M.S.)

Stratigraphy of the Upper Devonian-Lower Mississippian shale sequence in the eastern Kentucky outcrop belts (Dennis R. Swager: M.S.)

A petrographic study of the Upper Devonian-Lower Mississippian black shales in Eastern Kentucky (Michael L. Miller: M.S.)

- 1980** Echinoderms from the lower part of the Pennington Formation (Chesterian) in south-central Kentucky (Donald R. Chesnut: M.S.)

Subsurface geology of the Upper Devonian-Lower Mississippian black-shale sequence in Eastern Kentucky (Scott B. Dillman: M.S.)

Stratigraphy and paleoenvironments in the Lower Silurian Brassfield Formation of Eastern Kentucky (Larry A. Gorden: M.S.)

- 1981** Paleoenvironmental analysis of the Oregon Formation (Middle Ordovician) in central Kentucky (Mark A. Horrell: M.S.)

Stratigraphic and paleoenvironmental aspects of the Bedford-Berea sequence and Sunbury shale in eastern Kentucky (Tim D. Elam: M.S.)

- 1982** Pedogenic carbonates (Caliche) in the Lower Newman limestone (Mississippian) of northeastern and east-central Kentucky: Evidence for subaerial exposure, weathering and soil formation (Jeff Grow: M.S.)

Paleontology and paleoecology of the Upper Devonian-Lower Mississippian black-shale sequence in Eastern Kentucky (Lance S. Barron: M.S.)

- 1984** Evidence for pedogenesis in Pleistocene-Holocene carbonates on San Salvador Island,

- Bahamas (A.P. Hale: M.S.)
- 1985** Paleoenvironmental analysis of the Bedford-Berea sequences (Devonian-Mississippian), northeastern Kentucky and south-central Ohio (Jack Pashin: M.S.)
- Tempestites and depositional interpretations of the Middle Ordovician Curdsville Limestone of Central Kentucky (E.A. Grossnickel: M.S.)
- Stratigraphic relationships between the Devonian-Mississippian black-shale sequence in the Appalachian and Illinois basins (K.L. Geller: M.S.)
- 1986** Characterization and origin of the Garrard Siltstone (Upper Ordovician), central and eastern Kentucky (G. Jacobs: Ph.D.)
- Echinoderm systematics and paleoecology, Lexington limestone and parts of the Clays Ferry Formation (Middle Ordovician), central Kentucky (C.A. Smith: M.S.)
- 1987** A preliminary paleoecological study of the Cincinnati (Maysvillian) crinoid garden (A. Axon; M.S.)
- Stratigraphy and paleoenvironments, Sawatch Formation (Cambrian), Cement Creek area, Gunnison County, Colorado (M.K. Allex: M.S.)
- 1988** Lithofacies and paleoenvironments, Lower Pennsylvanian rocks, Kentucky State Route 80 near the Rockcastle River (B.C. Amig: M.S.)
- Stratigraphic analysis of the Carboniferous rocks of the central Appalachian Basin (D.R. Chesnut: Ph.D., with N. Rast)
- 1990** Reevaluation of the Bedford-Berea sequence in Ohio and adjacent states: Epeiric sedimentation and relaxational tectonics in a foreland basin (J.C. Pashin: Ph.D.)
- Characterization and paleoenvironmental interpretation of the Louisville and Lego formations, west-central Kentucky (D. Phelps: M.S.)
- 1992** Paleocology of a Cincinnati (Upper Ordovician) crinoid-garden community from southwestern Ohio (A. Axon: Ph.D.)
- 1995** Paleoenvironmental interpretation of the Brannon Member, Middle-Upper Ordovician Lexington Limestone, Bluegrass Region of Central Kentucky (M.A. Kulp: M.S.)
- Tectonic implications of the erosional and depositional features in Upper Meramecian and Lower Chesterian (Mississippian) carbonate rocks of south-central and east-central Kentucky (G.R. Dever, Jr.: Ph.D.)
- The Portwood Member (Upper and Middle Devonian) of the New Albany Shale of central Kentucky: Nature and origin (S.F. Barnett: Ph.D.)
- 1996** Stratigraphy and sedimentology of the Silurian (Wenlockian) Laurel Member of the Salamonie Dolomite in Kentucky and adjacent southeastern Kentucky (R.T. Hendricks: M.S.)
- 1997** Structural control on the origin and nature of the Brassfield Formation (Lower Silurian) west of the Cincinnati Arch (W.M. Andrews, Jr.: M.S.)
- 1998** Petrography, facies stratigraphy, and depositional environments of the Big Lime (Middle and Upper Mississippian) on the Pine Mountain Overthrust, Southeastern Kentucky (E.S. Johanson: M.S.)
- "Reef" occurrence and sequence stratigraphy, Upper Ordovician Bardstown Member, Drakes Formation, north-central Kentucky (S.R. Schmidt: M.S.)

- 2000** Subsurface characterization of a new clastic, gas-producing unit at the base of the Big Lime in southeastern Kentucky and northeastern Tennessee (M.B. Vest: M.S.)
- 2001** The nature and origin of the Devils Hollow Member, Lexington Limestone, central Kentucky (J.M. Kasl: M.S.)
- The origin of the Cane Run Bed, Lexington Limestone, central Kentucky (H.E. Jewell: M.S.)
- 2002** Penecontemporaneous faulting within the Pennsylvanian Pikeville to Four Corners Formations, Breathitt Group, southeastern Kentucky (G.C. Cornett: M.S.)
- Origin of the middle tongue of the Tanglewood Member, Lexington Limestone, and its soft-sediment deformation, Middle Ordovician, central Kentucky (A.K. Stewart: M.S.)
- 2003** Origin of a Late Ordovician edrioasteroid firmground, Sulphur Well Member, Lexington Limestone, central Kentucky (M.J. Dahlem: M.S.)
- 2004** The sedimentation, stratigraphy, and petrology of a coal-ash pond in Carroll County, Kentucky (R.B. Jewell: M.S.)
- 2006** Developing a temporal framework for the Upper Ordovician Lexington Limestone, central Kentucky, U.S.A.: Biostratigraphy, chemostratigraphy, and event-stratigraphy (J. Coates: Ph.D.)

In Progress

The Jephtha Knob cryptoexplosive structure, Shelby County, Kentucky: Search for geomorphic, petrographic, and geochemical evidence of impact origin (M. Thompson: M.S.)

From clastics to carbonates: Borden delta destruction and evolution of the Slade carbonate platform: Tectonics and eustasy (B. Wilhelm: M.S.)

Ammonite biostratigraphy and paleontology of the Borden Formation and equivalent units in Kentucky and adjacent states (C. Mason: Ph.D.)

Stratigraphy and sedimentology of the upper Lexington Limestone, central Kentucky (M. Clepper: Ph.D.)

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