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Harold E. Alexander, Jr., MD, PC
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Mary Anne & George Blackwood (G01)
Chen-Wen Young and Jaems A. Bossart (G80)
Judith and David Brzoska
Cara Burres (C88 G94)
George L. Callison (G65)
Cheryl and Stephen Cole (G80)
Barbara and Howell Daly (G60)
Douglas Dedo (C65)
James R. and Marlies Eldridge (G84, C84)
Gisela and Norman Fashing (G73)
Christopher G. Fielitz (G99)
Judith Follo (G03)
Marguerite and Edward Frongillo (G72)
Owen and Wendy Gorman (G83 G84)
Janice and Robin Hagan (C80)
Elizabeth N. Hane (G96)
Alaine N. Hudlin (C91)
Ruth Kava (C69)
Robert R. Ireland, Jr. (C56, G57)
Marie Hatch Kukuk
Zhaolang Cheng and Jian Wei Li (G98)
Anne Maglia (G00)
Megan H. Mehaffey (G99)
Dorothy and Ronald McGregor (G53, G54)
Charles and Mary Michener
Thomas W. Pearson (C77, G81)
Thadd R. and Virginia Preisner (G73)
Herbert H. Regier
Beverley and Edward Richards, (G63)
Ronald B. Schifman (C73, M76)
Gaylea Prichard Silvers (C95)
Pamela S. Soltis (G86)
Toni and Orley Taylor
Michele and Kevin Toal III(C93)
Shuping Ye (G92)

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Byron Alexander Memorial        Arthur J. Mix Fund
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Chet Calkins and Joe Camin Memorial     John K. Ostenberg Memorial
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Florene B. Fratcher Botany Fellowship    Martha M. Pearson Scholarship
George E. Gould Student Assistance Fund       Eugenia S. Polson Fund
Mary Harkey Hall Award in Plant Biology Fund   William C. Stevens Fund
H. B. Hungerford Fund               Edward W. Wiederman in EEB

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Alexander, David ................................................................. Assistant Professor
Alexander, Helen M.......................................................... Professor
Billings, Sharon ................................................................. Assistant Professor
Brown, Rafe ....................................................................... Assistant Professor
Cartwright, Paulyn ............................................................ Assistant Professor
deBoer, Gerrit .................................................................. Associate Professor
deNoyelles, Frank ............................................................. Professor
Dimmick, Walter W............................................................ Associate Professor
Engel, Michael ................................................................. Associate Professor
Fautin, Daphne G............................................................... Professor
Foster, Bryan .................................................................. Associate Professor
Gleason, Jennifer ............................................................. Assistant Professor
Haufler, Christopher H...................................................... Professor, Interim Chair
Hileman, Lena ................................................................ Assistant Professor
Holder, Mark .................................................................. Assistant Professor
Jander, Rudolf ................................................................ Professor
Jensen, Kirsten ................................................................ Assistant Professor
Kelly, John K .................................................................. Associate Professor
Krishtalka, Leonard........................................................... Professor
Macdonald, Stuart ............................................................. Assistant Professor
Martin, Craig E ................................................................ Professor and Chair
Martin, Larry D ............................................................... Professor
Martinko, Edward A . ...................................................... Professor
Mort, Mark .................................................................... Associate Professor
Moyle, Robert ................................................................ Associate Professor
Orive, Maria E ................................................................. Associate Professor
Peterson, A. Townsend ...................................................... Professor
Pierotti, Raymond ............................................................. Associate Professor
Slade, Norman A .............................................................. Professor
Smith, Deborah ............................................................... Associate Professor
Smith, Val H .................................................................. Professor
Taylor, Edith L ................................................................ Professor
Taylor, Orley R., Jr .......................................................... Professor
Taylor, Thomas N ............................................................ Professor
Thorp, James H ................................................................ Professor
Timm, Robert M .............................................................. Associate Professor
Trueb, Linda ................................................................. Professor
Ward, Joy ...................................................................... Assistant Professor
Wiley, Edward O ............................................................ Professor
## Courtesy/Adjunct Faculty

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- Bush, Sarah
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- Eifler, Maria
- Hermsen, Elizabeth
- Houseman, Greg
- Hudman, Stephen
- Preston, Jill
- Reed, Aaron
- Tarr, Ellen
- Zhou, Yihong

## Emeritus Faculty

- Armitage, Kenneth B.
- Byers, George W.
- Duellman, William E.
- Fitch, Henry S.
- Humphrey, Philip S.
- Johnston, Richard
- Lichtwardt, Robert W.
- Michener, Charles D.
- Torres, Andrew
- Schultze, Hans Peter
**GRADUATE STUDENTS**

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### DEPARTMENT OF ECOLOGY AND EVOLUTIONARY BIOLOGY
#### 2007

### Courses Taught by Faculty

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<td>Paleobotany and Plant Evolution</td>
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<td>Field Work in Ecology</td>
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<td>Honors Research</td>
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</table>
Journal Publications of Faculty

ALEXANDER, DAVID


ALEXANDER, HELEN


ARMITAGE, KENNETH B.


BILLINGS, SHARON


BROWN, RAFE M.


During 2007, faculty had more than 65 peer–reviewed publications in press.


**Cartwright, Paulyn**


**Crawford, Daniel J.**


**Cutler, Bruce**


**Engel, Michael S.**


FAUTIN, DAPHNE


**Foster, Bryan L.**


**Freeman, Craig C.**


**Haufler, Christopher**


**Hileman, Lena**


**Jensen, Kirsten**


**Kelly, John**


**Kindscher, Kelly**

Foster, B. L., C. A. Murphy, K. Keller, T. Aschenbach, E. J. Questad and K. Kindscher. 2007. Restoration of prairie community


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(5): 1299–1318.


Macdonald, Stuart


Martin, Craig

Martin, C. E., T.–C. Lin, C.–C. Hsu, S.–H. Lin. 2007. No effect of host tree species on the physiology of the epiphytic orchid Bulbophyllum japonicum in a subtropical rain forest in

**Martin, Larry D.**


**Mort, Mark**


Dr. Mark Mort received the William T. Kemper Award for Teaching Excellence in 2007.


**Moyle, Robert G.**


**PETE RSON, A. TOWNSEND**


**SLADE, NORMAN**


**SMITH, DEBORAH**


**SMITH, VAL H.**


**TAYLOR, EDITH L.**


TAYLOR, ORLEY


TAYLOR, THOMAS N.


**THORP, JAMES H.**


**TIMM, ROBERT M.**


**TRUEB, LINDA**


**WARD, JOY**


**WILEY, EDWARD O.**


Faculty Publications in Press


**CARTWRIGHT, PAULYN**


**CRAWFORD, DANIEL J.**


between the angiotensin converting enzyme I/D polymorphism and obesity. *Medical Science Monitor.*

**KINDSCHER, KELLY**


**KRINGS, MICHAEL**


**KRISHTALKA, LEONARD**

MORT, MARK E.  


MOYLE, ROBERT G.  


PETERTSON, A. TOWNSEND  


**SLADE, NORMAN A.**


**SMITH, DEBORAH R.**


**SMITH, VAL H.**


<table>
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<th>Name</th>
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<tr>
<td>TAYLOR, THOMAS N.</td>
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</table>
Books and Book Chapters by Faculty

**Armitage, Kenneth B.**


**Brown, Rafe M.**


**Engel, Michael S.**


**Fautin, D. G.**


**Holder, Mark**


**Macdonald, Stuart J.**


TAYLOR, THOMAS N.


TIMM, ROBERT


### Symposium Proceedings Publications by Faculty

<table>
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<tr>
<th>Author(s)</th>
<th>Title</th>
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Reports, Popular Articles, and Electronic Communications

BUSBY, WILLIAM


BROWN, RAFF M.


DENOYELLES, FRANK


FAUTIN, DAPHNE G.


FREEMAN, CRAIG

http://www.economist.com/displaystory.cfm?story_id=9581325

**TAYLOR, THOMAS N.**


**THORP, JAMES H.**

Thorp, J. H. 2007. Annual Report to EPA for an EPA-STAR grant (RD-83059701)


37

Publications of Postdoctoral Fellows

**BUSH, SARAH E.**


**Bush, S. E.**


**DECOMBEIX, ANNE–LAURE**


**EIFLER, MARIA**


**HERMSEN, ELIZABETH**


**Houseman, Greg**


**Hudman, Stephen**


**Preston, Jill C.**


**Zhou, Yihong**

Publications of Graduate Students

BENTLAGE, BASTIAN


BENZ, BRETT


CHEN, PINGFU


DAVIS, MATTHEW


DAVIS, STEVE R.


**Esselstyn, Jacob**


**Gonzalez, Victor H.**


**Holeski, Liza M.**


**Hosner, Peter A.**


**Jeng, Ming–Luen**


**Levsen, Nicholas**


**Linkem, Charles**

McGuire, J. A. C. W. Linkem, M. Koo, D. W. Hutchison, K. K. Lappin, D. O. Orange, J. Lemospinole, B. Riddle,
2007 Annual Report

Publications of Graduate Students


LONG, QUINN


MCLEOD, DAVID


MICKLE, KATHRYN


MILLER, GINGER


MURPHY, CHERYL


NYÁRI, ÁRPAD


PAPES, MONICA  


QUESTAD, ERIN  


RYBERG, PATRICIA  


Siler, Cameron


Sparks, Kathryn


Villafuerte, Lynn


Williams, Daniel R.


Williams, Richard


Graduate Student Publications in Press

**COLE, JEFFREY**


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**ESSELSTYN, JACOB**


---

**GONZALEZ, VICTOR H.**


---

**HOSNER, PETER A.**


---

**LINKEM, CHARLES W.**


**McLeod, David**


**Mickle, Kathryn**


**Miller, Ginger**


**Nyari, Arpad**


**Sukumaran, Jeet**


**Williams, Bradley S.**


**Williams, Richard**


## Presentations by Faculty

**ALEXANDER, DAVID**  

**ALEXANDER, HELEN M.**  
Alexander, H. D. 2007. A 20 year study of the population ecology of a cryptic plant, Mead’s milkweed, population trajectories and estimates of survival and detection.” Department of Plant Biology, Michigan State University, Lansing, MI, October.


**ARMITAGE, KENNETH B.**  

**BILLINGS, SHARON**  
Billings, S. A. 2007. Carbon return to the atmosphere from forest soils: How N availability can govern soil CO₂ release; Michigan Technological University, Houghton, MI, October.

Billings, S. A. 2007. Soil C dynamics and production rates; Soil Carbon Erosion Workshop, group of scientists from US and Europe exploring soil C erosion’s influence on atmospheric CO₂, hosted by the Kansas Geological Survey, Lawrence, KS, March.

Billings, S. A. 2007. Soil C and N cycling in the Great Plains; NSF EPSCoR Ecoforecasting workshop, Kansas State University, Manhattan, KS, April.


Billings, S. A. 2007. Linking microbial activity to elevated CO₂ and N availability in a pine forest; Duke Forest Belowground FACE meeting, Duke University, Durham, NC, November.


Tiemann, L. and S. Billings. 2007. Grassland and forest soil nitrogen transformations and microbial function in the North American Midwest. EPSCoR Ecoforecasting meeting, Manhattan, KS, April.


**Brown, R. M.** 2007. Biodiversity discovery at KU NHM: the tree of life, the barcoding consortium, and the coming genomics era. KU Natural History Museum Board of Directors annual meeting.


---

**Cartwright, Paulyn**

**Cartwright, P.** 2007. Fossils, phylogenies and development: insights into Medusozoan evolution. EEB seminar series, School of Biological Sciences, University of Nebraska. Lincoln, NE, October.

**Cartwright, P.** 2007. Origin and evolution of Medusozoa. EEOB seminar series, Ohio State University, Columbus, OH, April.


and Development of Animal Form, Tutzing, Germany, October.

**CRAWFORD, DANIEL J.**


**CUTLER, BRUCE**


**DENOYELLES, FRANK**


Jakubauskas, M, J. deNoyelles, E. Martinko, S. Campbell, D. Huggins, and A. Dzialowski. 2007. The Applied Science and Technology for Reservoir Assessment (ASTRA) initiative of the Kansas Biological Survey:
Applied hydroacoustics for addressing research and management information needs of Kansas reservoirs. Midwest Fish and Wildlife Conference, Madison, WI, December.


Engel, M.S. 2007. Sic transit gloria mundi: when bad things happen to good bugs. Department of Geology, University of Kansas; Lawrence, KS, November.


FAUTIN, DAPHNE

Fautin, D. G. 2007. Marine biogeography: oceans of data; Department of Geography, University of Kansas, Lawrence, KS, February.


Foster, Bryan


Freeman, Craig C.

Freeman, C. C. 2007. Forecasting ecological change in the Central Plains: Biodiversity focus group. 1st Annual Kansas EPSCoR Ecoforecasting Meeting, Manhattan, KS. April.

Freeman, C. C. 2007. Legacy data and research at the Kansas Biological Survey and R. L. McGregor Herbarium, University of Kansas. Emporia State University, Department of Biology, Emporia, KS.


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<tr>
<td><strong>Kindscher, Kelly</strong></td>
<td>Kindscher, K, R. Pitts, A. Martyn, and N. Crowe. 2007. Winnebago Ethnobotany and Botanical Resources</td>
</tr>
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</table>
2007 Annual Report  Presentations by Faculty


**KRINGS, MICHAEL**


**KRISHTALKA, LEONARD**


Krishtalka, L. and T. Dodds. 2007. Understanding and forecasting ecological change . . . in the Central Plains. National Science Foundation, September.


Krishtalka, L. 2007. Ecoforecasting Center for the Central Plains, EPSCoR Annual Symposium, Kansas State University, Manhattan, KS, April.

**MACDONALD, STUART**


Knight, J. and L. D. Martin. 2007. Comments on the predator-prey population structure, paleoecology, and taphonomy of the Camelot local fauna (Late Irvingtonian), Berkeley County, South Carolina. Tate Museum Annual Conference. Casper, WY, June.


Faculty members in Ecology and Evolutionary Biology gave presentations on their research in 26 states and in 15 countries, including: Australia, Canada, Sweden, France, New Zealand, Indonesia, Japan, Mexico, and Spain.

**ORIVE, MARIA E.**


**PETERTSON, A. TOWNSEND**


**Peterson, A. T.** 2007. Forecasting Avian Influenza Spread, Biology Club, University of Kansas, Lawrence, KS, November.


**Peterson, A. T.** 2007. Predicting and Mapping the Geography of Disease Emergence, Universidad Peruana Cayetano Heredia, October.


**Peterson, A. T.** 2007. Predicting and Mapping the Geography of Disease Emergence, School of Public Health, Tulane University, New Orleans, LA, September.


<table>
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<th>Faculty Name</th>
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<tr>
<td>Pierotti, Raymond</td>
<td>Indigenous people and sustainability. Energy, Environmental Impacts,</td>
<td>Kansas State University, Manhattan, KS, January.</td>
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<td>and Sustainability.</td>
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<td>Keepers of the game: Myths or reality.</td>
<td>Trent University, Peterborough, Ontario, Canada.</td>
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<td>Wannipitei Indigenous Colloquium.</td>
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<td>Pierotti, R. 2007.</td>
<td>Department of Zoology and UMEB Program, Arizona State University, Tempe, AZ.</td>
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<tr>
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<td>The nature of Indigenous science.</td>
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<td>Smith, Deborah R.</td>
<td>Apis and Varroa: Host-Parasite Co-evolution.</td>
<td>Tung Hai University, Taiwan, September.</td>
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<td>Smith, D. R. 2007.</td>
<td>Apiculture Science Institute of Jilin Province, Jilin City, Jilin, China, August.</td>
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<td>Apis and Varroa: Host-Parasite Co-evolution.</td>
<td>Department of Entomology, China Agricultural University, Beijing, China, August.</td>
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<td>Smith, D. R. 2007.</td>
<td>Biogeography of Apis cerana:</td>
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<td>Apis and Varroa: Host-Parasite Co-evolution.</td>
<td>Implications for Pleistocene Dispersal and Apis-Varroa Coevolution, May.</td>
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<td>Cellular C:N:P stoichiometry in heterotrophic bacteria – An example of elemental homeostasis in microorganisms (in Spanish).</td>
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<td>Yanik, E. L, and V. H. Smith. 2007. Effects of food supply on</td>
<td>International Society for Limnology, Montréal, Canada, August.</td>
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infection. American Society of Limnology and Oceanography, Santa Fe, New Mexico, February.


**TAYLOR, ORLEY**


**TAYLOR, THOMAS N.**


Botany and Plant Biology Joint Congress. Chicago, IL, July.


THORP, JAMES H.


TIMM, ROBERT M.


**TRUEB, LINDA**


**WARD, JOY K.**


**WILEY, EDWARD O.**

Wiley, E. O. and A. C. Moore. 2007. Evolution and the Structure of Science: A. C. Moore Confronts the Creationists. Lectures in Evolutionary Biology and
Society, University of South Carolina, Columbia, SC, April.

Presentations by Postdoctoral Fellows

**BUSH, SARAH E.**

Bush, S. E. 2007. The role of host-parasite and parasite-parasite interactions in determining host specificity. Department of Biology, Utah State University, Utah.


**DECOMBEIX, ANNE-LAURE**


**HERMSEN, ELIZABETH**


Hermsen, E. J., T. N. Taylor, and E. L. Taylor. 2007. An unusual structure (ovule) from the Middle Triassic of


Houseman, G. R., B. L. Foster and E. J. Questad. 2007. Feedbacks between community assembly and ecosystem function govern the diversity-productivity relationship. Ecological Society of America Meetings. San Jose, CA, August.

Hudman, S. 2007. Population genetic effects associated with damming in two river systems. Division of Biology, Kansas State University, Manhattan, KS.


Hudman, S. 2007. Molecular and behavioral ecology of Cyprinid fishes. Department of Biology, Georgia Southern University, Statesboro, GA.


## Presentations by Graduate Students

### ABE, FRANCINE


### BECKER, CORNELIA

Graduate Students in Ecology and Evolutionary Biology gave presentations on their research in 12 states and in a number of international countries including: South Korea, Sweden, Portugal, Brazil, India, and Germany.


**Becker, C.** 2007. Is there a size-determined selection during fall migration in the monarch butterfly (*Danaus plexippus*)? GSO Annual Retreat, University of Kansas, Lawrence, KS, October.

### BENNETT, DANIEL


### BENTLAGE, BASTIAN


### BENZ, BRETT

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<tr>
<td><strong>Benz, B.</strong> and M. B. Robbins.</td>
<td>2007. Poster at the national meeting of the American Ornithologists’ Union in Laramie, WY, August.</td>
</tr>
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<td><strong>Bonaccorso, Elisa</strong></td>
<td>2007. A molecular phylogeny of the <em>Cyanolyca</em> Jays and its implications for historical biogeography and speciation. The national meeting of the American Ornithologists’ Union in Laramie, WY, August.</td>
</tr>
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<td><strong>Cole, Jeffrey</strong></td>
<td>2007. <em>Tibicen</em> “trembler”, a new cryptic species of cicada within <em>Tibicen dorsatus</em> (Say) revealed by calling song (Hemiptera: Cicadoidea: Cicadidae), EEB GSO Retreat, University of Kansas, Lawrence, KS, November.</td>
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<td>CROWTHER, ANDREA</td>
<td>Crowther, A. 2007. A symbiotic relationships between a sea anemone <em>Bunodeopsis?</em> and the crab <em>Lybia</em>. University of Kansas Natural History Museum Graduate Student Retreat, Lawrence, KS, November.</td>
</tr>
<tr>
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<td>Crowther, A. 2007. A new species of shell-forming sea anemone from Australia. The University of Kansas Chapter of Sigma Xi Research Paper Competition. 3rd place in early graduate student division, March.</td>
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<td>Davis, S. 2007. Wing locking mechanisms in the weevil subfamily Baridinae (Coleoptera: Curculionidae. Entomological Society of America’s annual meeting, San Diego, CA, December.</td>
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<td>Davis, S. 2007. Evolution of baridine weevils (Coleoptera: Curculionidae), preliminary analyses. Entomology Seminar, University of Kansas, Lawrence, KS, November.</td>
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<td>Davis, S. 2007. Morphological phylogenetics of the weevil subfamily Baridinae (Coleoptera: Curculionidae), a preliminary analysis. 13th Annual Graduate Student Retreat, University of Kansas, Lawrence, KS, November.</td>
</tr>
<tr>
<td></td>
<td>Davis, S. 2007. Wing locking mechanisms in the weevil subfamily Baridinae (Coleoptera: Curculionidae. Poster, International Congress of Insect Biotechnology and Industry (ICIBI), Daegu, South Korea, August.</td>
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|                  | Davis, S. 2007. Weevil diversity in Miocene Dominican amber: A preliminary overview (Coleoptera: Curculionidae). 83rd annual meeting of the Central States

Davis, S. 2007. Weevils (Coleoptera: Curculionidae) of early Miocene amber from the Dominican Republic. Poster, KU Graduate and Undergraduate Research Symposium, Lawrence, KS, April.


Davis, S. 2007. Weevil diversity in Miocene Dominican amber: A preliminary overview (Coleoptera: Curculionidae). Poster, Graduate Student Research Competition, University of Kansas, Lawrence, KS, March.


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<tr>
<td>HINOJOSA DIAZ, ISMAEL, A.</td>
<td>Hinojosa-Diaz, I. A. 2007. Orchid bees, some insights about their morphology, taxonomy and beauty, Natural History Museum Lunch Seminar, University of Kansas, Lawrence, KS, January.</td>
</tr>
<tr>
<td>LEVSEN, NICHOLAS</td>
<td>Levsen, N. and M.E. Mort. 2007. The Iowa Driftless Area: its role in the ice-age survival and post-glacial recolonization of the boreal forest species <em>Chrysosplenium iowense</em> (Saxifragaceae). Botanical Society of America Conference, Chicago, IL, July.</td>
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<tr>
<td>LINKEM, CHARLES</td>
<td>Linkem, C. W, R. M. Brown, and J. A. McGuire. 2007. Molecular phylogenetics and biogeography of the emerald skink (<em>Lamprolepis smaragdina</em>). University of Kansas Natural History Museum and Biodiversity</td>
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</table>


Mickle, Kathryn. 2007. Fossil lower Actinopterygians—hurdles faced while investigating their diversity and
relationships, Natural History Museum GSO Retreat, University of Kansas, Lawrence, KS, November.

**Mickle, K.** 2007. Digging for 318 million year old fish in Montana; and a Swedish fish conference, University of Kansas Natural History Museum, Lawrence, KS, October.

**Mickle, K.** 2007. Fossil ray-finned fishes—hurdles faced while investigating their diversity and relationships, Ohio State University Stone Laboratory, Put-In-Bay, OH, October.


**Miller, Ginger**


**Murphy, Cheryl**


**Najera, Daniel A.**


**Nawrocki, Annalise**

OAKS, JAMIE  


O’LEARY, THOMAS  


OLIVEROS, CARL  


OWENS, HANNAH  

Owens, H. 2007. Species of *Phoreiobothrium* (Cestoda: Onchobothriidae) in the Blacktip shark (*Carcharhinus limbatus*) from the Gulf of Mexico and their potential applications as biological tags. University of Kansas Natural History Museum Graduate Student Association. Lawrence, KS, October.

PALIKIJ, JASON  


QUESTAD, ERIN  


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<tr>
<th>2007 Annual Report</th>
<th>Presentations by Graduate Students</th>
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<tr>
<td><strong>RYBERG, PATRICIA</strong></td>
<td>Ryberg, P. E. 2007. Ovule-bearing organs of the glossopterid seed ferns from the Late Permian of the Beardmore Glacier region, Antarctica. 10th International Symposium on Antarctic Earth Sciences, Santa Barbara, CA, August.</td>
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<td><strong>SCHMIDT, SARAH</strong></td>
<td>Schmidt, S. 2007. Effects of hydrogeomorphic change on ecosystem metabolism in the Kansas River. University of Kansas Natural History Museum Graduate Student Organization Annual Retreat, Lawrence, KS, November.</td>
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<td>Author Name</td>
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<tr>
<td>Schwendemann, A.</td>
<td>Gondwanan ferns from the Triassic of Antarctica.</td>
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<tr>
<td>Schwendemann, A.</td>
<td>Permineralized plants from the Jurassic of Antarctica.</td>
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<td>Su, Y. C., Smith, D., and Tso, I. M.</td>
<td>Allopatric fragmentation of funnel web spider populations, Macrothele taiwanensis and M. holsti (Mygalomorphae, Hexathelidae), on East Asian Islands.</td>
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<td>Sukumaran, J.</td>
<td>Comparative phylogeography of microhyla: testing biogeographic hypotheses using relative divergence time estimation (preliminary results).</td>
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<td>Tiemann, L.</td>
<td>Grassland and forest soil organic matter transformations and microbial function in the North American Midwest.</td>
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<td>Williams, R.</td>
<td>Predictable ecology and geography of avian influenza (H5N1) transmission in Nigeria and West Africa.</td>
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<td>Williams, R.</td>
<td>Serosurvey for West Nile virus in Kansas Ecological Reserves and other sites in Kansas, KSR. The University of Kansas Biodiversity Institute, Lawrence, KS, May.</td>
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</table>
## Extramural Funding Received by Faculty

### ALEXANDER, HELEN M.


### BILLINGS, SHARON


National Science Foundation. 2005–2008, $323,538. Enhancement of research and education facilities at the University of Kansas Field Station. (co-PI with 4 others)


### BROWN, RAFE M.

National Science Foundation, Systematic Panel Grant, 2007–2010, $244,481. Collaborative Research: Comparative Biogeography of Sulawesi – Phylogenetic and Coalescent Analyses of Diversification in Frogs, Lizards, and Monkeys. (PI and linked with UC Bekeley and McMasters University, Canada)

National Science Foundation. 2004–2009, $750,000. Biodiversity surveys in the southern borderlands of the People’s Republic of China. (co–PI with 3 others)

National Science Foundation. 2003–2008, $237,000. Assembling the Tree Of Life Grant, AmphibiaTree—an Integrated, Phylogenetic and Bioinformatic Approach to the Tree of Amphibians, (co–PI with 1 other)

### BU.S.BY, WILLIAM

In 2007 faculty in EEB performed research on grants totaling more than $38 million in extramural funds.

**New Mexico Department of Game and Fish**, 2005–2007, $129,533. The conservation status of birds, reptiles, amphibians, and habitat of concern in the Gila River riparian zone. (Co–PI with 1 other)


**Cartwright, Paulyn**

**National Science Foundation**, 2005–2010, $1,610,000. Assembling the Tree of Life: An integrative approach to investigating cnidarian phylogeny. (PI with 2 others)

**Denoyelles, Frank**

**National Science Foundation**, 2004–2007, $323,538. Enhancement of research and education facilities at the University of Kansas Field Station. (co–PI with 8 others)

**National Fish and Wildlife Foundation**, 2004–2007, $10,000. Wetland and wet meadow restoration on the Robinson tract. (co–PI with 2 others)

**Kansas Water Office**, 2006–2007, $60,000. Bathymetric surveys of public water supply reservoirs. (co–PI with 2 others)

Environmental Protection Agency (STAR). 2003–2007, $1,149,266. Watershed classification system for tiered diagnosis of biological impairments: a scalable, Central Plains focused with national applicability. (co–PI with 7 others)


Kansas Department of Wildlife and Parks and U.S. Fish and Wildlife Service. 2007–2008, $57,000. Long-term maintenance and continued study of two distinct captive–bred populations of Topeka Shiner (Notropis topeka) at the University of Kansas Field Station and Ecological Reserves. (co–PI with 2 others)

**Engel, Michael S.**

National Science Foundation. 2005–2007, $235,998. New insect cabinetry for the Division of Entomology, University of Kansas Natural History Museum and Biodiversity Research Center. (PI)

National Science Foundation. 2003–2008, $228,825 AToL: Collaborative research: Large-scale phylogeny of Hymenoptera. (PI)


National Science Foundation. $498,821, 2007–2008. Expansion of the collections of the University of Kansas Natural History Museum & Biodiversity Research (co–PI with 4 others)

**Dimmick, Walter**

Kansas Department of Wildlife and Parks and U.S. Fish and Wildlife Service. 2007–2008, $57,000. Long-term maintenance and continued study of two distinct captive–bred populations of Topeka Shiner (Notropis topeka) at the University of Kansas Field Station and Ecological Reserves. (co–PI with two others)

**Fautin, Daphne**

National Science Foundation. 2005–2010, $1,610,000. Assembling the tree of life: An integrative approach to investigating cnidarian phylogeny. (co–PI with 2 others)
AU.S.tralian Biological Resources Study, 2004–2007. $179,852. AU.S.тра́ли́а’s anemones – a revision of their taxonomy, distribution patterns and biodiversity. (co–PI with 3 others)

Environmental Protection Agency, 2004–2007, $242,954. Effects of climate change on ecosystem services provided by Hawaiian coral reefs. (co–PI with 2 others)

FOSTER, BRYAN L. National Science Foundation–DBI–Biological Field Stations and Marine Labs, 2004–2007, $323,538. Enhancement of research and education facilities at the University of Kansas Field Station. (PI with 4 others)


National Science Foundation, 2001–2007, $362,745. Plant productivity–diversity relationships: an experimental evaluation of the roles of local ecological processes and species pool effects. (PI with 1 other)

FREEMAN, CRAIG


U.S. Department of Agriculture, 2006–2007, $140,000. Taxonomic concept mapping and associated data maintenance for the U.S.DA PLANTS database. (PI)
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<th>National Science Foundation, 2006–2007, $12,698.</th>
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<tr>
<td>Herbarium improvement and development of a</td>
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<td>consolidated vascular plant database for western South</td>
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<td>Dakota and eastern Wyoming. (PI)</td>
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<th>U.S. Environmental Protection Agency, 2007–2009,</th>
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<td>$325,499. Assessment of floodplain wetlands of the lower Missouri River using an EMAP study approach phase II: verification of rapid assessment tools. (co–PI)</td>
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<td>A natural features inventory of the Ft. Leavenworth Military Reservation, Kansas. (co–PI with 3 others)</td>
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<td>Systematic inventory for natural areas and habitat for protected and rare species in Anderson and Linn counties, and implementation of previous and current findings in northeast Kansas counties. (co–PI with 3 others)</td>
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<tr>
<td>Taxonomic concept mapping and associated data maintenance of the U.S.DA PANTS database: Supplement. (PI)</td>
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### GLEASON, JENNIFER

**National Science Foundation, 2005–2009, $480,000.**
Genotype x environment interaction and the evolution of sexually–selected traits. (PI with 1 other)

### HILEMAN, LENA

**National Science Foundation, 2006–2009, $357,323.**
The role of symmetry genes in establishing petal and stamen phenotypic diversity. (PI)

### HOLDER, MARK

**National Science Foundation, 2007–2008, $668,640.**
Collaborative Research: Large–scale simultaneous multiple alignment and phylogeny estimation. (PI with 3 other institutions)

**National Science Foundation Subcontract, 2007–2008, $41,410.** Cyber Infrastructure for Phylogenetic Research. (subcontractor with PI)

### JENSEN, KIRSTEN

**National Science Foundation–Biodiversity Surveys & Inventories Program Collaborative Research, 2006–2009, $211,485.**
A survey of the elasmobranches and
<table>
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<td>their metazoan parasites of Indonesian Borneo (Kalimantan). (PI)</td>
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<td><strong>National Science Foundation–Biodiversity Surveys &amp; Inventories Program Collaborative Research: REU Supplement.</strong> 2007–2008. $6,000. Collaborative Research: A survey of the elasmobranches and their metazoan parasites of Indonesian Borneo (Kalimantan). (PI)</td>
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<td><strong>KELLY, JOHN K.</strong> National Science Foundation, 2005–2008, $272,000. A genomic experiment to determine the nature of epistasis in <em>Mimulus guttatus</em>. (PI)</td>
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<td><strong>KINDSCHER, KELLY</strong> Little Priest Tribal College, 2006–2008, $27,008. Winnebago ethnobotany and botanical resources project. (PI)</td>
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<td><strong>National Park Service</strong>, 2006–2007, $13,156. Vegetation mapping and plant certification at Fort Larned NHS. (PI with 1 other)</td>
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New Mexico Department of Game and Fish, 2005–2008, $129,533. Birds, reptiles, amphibians and habitat of concern in the Gila River Riparian zone. (PI with 1 other)


**KRINGS, MICHAEL**


National Science Foundation, 2006–2009, $385,000. Fossil microbes from the Rhynie chert Lagerstätte. (co–PI with 1 other)

**KRISHTALKA, LEONARD**

National Science Foundation, EPSCoR, 2006–2009, $6,837,783. An Ecoforecasting Center for the Great Plains. (PI with 5 others)
**National Science Foundation**, 2004–2007, $6,000,000. 
NEON – Planning the National Ecological Observatory Network. (co–PI with 9 others)

Expansion of the KU Natural History Collections. (PI with 4 others)

**MARTIN, LARRY**

**National Aeronautics and Space Administration**, 2004–2007, $417,552. Do Gamma rays bursts damage planetary biospheres? (co–PI with 4 others)

**MARTINKO, EDWARD A.**

**TerraMetrics, Inc.**, 2004–2007, $281,000. Developing a national drought insurance program for rangeland, pastureland, and dry land hay using a remote sensing time–series analysis approach. (co–PI with 1 other)

**National Science Foundation, DBI–Biological Field Stations and Marine Labs**, 2004–2007, $323,538. Enhancement of research and education facilities at the University of Kansas Field Station. (co–PI with 8 others)


**National Science Foundation, EPSCoR/Kansas State University**, 2006–2009, $98,731. Forecasting Ecological Change in the Central Plains. (PI)


Environmental Protection Agency Science to Achieve Results (STAR), 2003–2007, $1,149,266. Watershed classification system for tiered diagnosis of biological impairments: A scalable, Central Plains focusing with national applicability.

**Kansas Department of Wildlife and Parks**, 2007–2008, $67,374. Natural resource management objectives using geographic information systems (GIS) and remote sensing techniques. (co–PI with 1 other)

**MORT, MARK**


**National Science Foundation**, (Dissertation Improvement Grant), 2007–2008, $6,842. The evolution and phylogeography of the alternifolium group of the flowering plant genus *Chrysosplenium*. (co–PI with 1 other)

**ORIVE, MARIA**


**PETERTON, A. TOWNSEND**


**World Wildlife Fund**, 2005–2007, $45,000. Identification of tropical forest trees and their fruiting phenology via remote sensing and modeling. (PI with 1 other)

**National Science Foundation**, 2005–2007, $10,000. Historical Biogeography of the Northern Andes based on phylogenetic studies of two bird clades. (PI with 1 other)

**National Science Foundation**, 2004–2009, $1,500,000. **ORNIS:** A community effort to build an integrated, distributed, enriched, and error–checked **ORNithological Information System.** (PI)

**National Science Foundation**, 2004–2009, $750,000. Biodiversity surveys in the southern borderlands of the People’s Republic of China. (PI with 4 others)

**National Science Foundation**, 2002–2007, $12,500,000. ITR Collaborative Research: Enabling the science environment for ecological knowledge. (PI with multiple others)
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<td>Pierotti, Raymond</td>
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<td>Division of Environmental Biology: Native American Students in Environmental Sciences. (PI with 1 other)</td>
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<td>National Science Foundation, 2007–2009, $500,000</td>
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<td>Native American Science Curriculum: Collaborative Research with Northern Arizona University and the University of Alaska, Anchorage. (PI with 2 others)</td>
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<td>Kansas EPSCoR, 2007–2008, $47,000</td>
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<td>Native American ecological experiences. (PI)</td>
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<td>Smith, Deborah R.</td>
<td>U.S. Israel Binational Science Foundation, 2002–2007</td>
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<td>Evolution of inbred social systems in spiders: the StegodyphU.S. (Eresidae) model. (PI with 1 other)</td>
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<td>Smith, Val</td>
<td>National Science Foundation, 2005–2007, $63,000</td>
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<td>Summer conference participation for undergraduates in Ecology and Evolutionary Biology (REU program). (PI)</td>
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<td>National Science Foundation, 2006–2009, $385,000</td>
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<td>Fossil microbes from the Rhynie Chert Lagerstatte. (co–PI with 1 other)</td>
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<td>Thorp, James H.</td>
<td>Environmental Protection Agency – STAR, 2005–2007, $297,543</td>
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<td>Determination of ecological thresholds through an historical perspective of trophic dynamics. (co–PI with 2 others)</td>
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Biodiversity and ecological responses to 
hydrogeomorphic conditions in Argentina's Bermejo 
River: From the Andes to the Paraguay River. (PI with 1 
other)

TIMM, ROBERT

Expansion of the collections of The University of 
Kansas Natural History Museum and Biodiversity 
Research Center. (co–PI with 1 others)

University of Costa Rica, 2007. $10,000.  Biological survey 
of the Mesoamerican Biological Corridor: Mammals of 
the Chiquita properties in northeastern Costa Rica. (PI)

TRUEB, LINDA

AmphibiaTree—an integrated phylogenetic and 
phyloinformatics approach to the tree of amphibians. 
(co–PI with 1 other)

National Science Foundation, 2006–2007, $500,000. The 
HerpNET Community Informatics Project: Development 
of a Distributed Information Network of North 
American Herpetological Databases. (co–PI with 2 
others)

Expansion of the Collections of the University of Kansas 
Natural History Museum and Biodiversity Research 
Center. (co–PI with 4 others)

WARD, JOY K.

National Science Foundation, 2005–2008, $634,274.  Plant 
evolution at elevated CO2: physiological and genetic 
mechanisms controlling developmental timing. (PI with 
1 other)

Enhancement of research and education facilities at the 
University of Kansas Field Station. (co–PI with 8 others)

National Science Foundation, CAREER, 2008–2013, 
$842,893.  Plant evolution at low CO2: Responses of ice 
age trees. (PI)

WILEY, EDWARD O.

Assembling the Euteleost Tree of Life: Addressing the 
major unresolved problem in vertebrate phylogeny. (co– 
PI with 4 other institutions)
Building the Information Community Infrastructure – A Test Case Implementation for Ichthyological Collections. (PI with 4 other institutions)

$105,000. Data Management and Support for State–Wide Surveys of Fishes. (PI)
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### Faculty Awards and Award Nominations

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<tr>
<td>Alexander, Helen M.</td>
<td>Chancellor’s Club Teaching Professor&lt;br&gt;Women’s Hall of Fame, University of Kansas&lt;br&gt;Faculty Fellow, Center for Teaching Excellence</td>
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<tr>
<td>Hileman, Lena</td>
<td>The National Academy of Sciences Japanese-American Kavli Frontiers in Science Symposia Invitee Award</td>
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<td>Martin, Craig E.</td>
<td>Honor for an Outstanding Progressive Educator (H.O.P.E.) Award</td>
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<td>Mort, Mark E.</td>
<td>William T. Kemper Teaching Fellowship Award&lt;br&gt;J. Michael Young Academic Advisor Award in the Natural Sciences&lt;br&gt;The National Academics Educator Mentor in the Life Sciences</td>
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<td>Orive, Maria</td>
<td>Radcliffe Fellowship, Radcliffe Institute for Advanced Study, Harvard University</td>
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<tr>
<td>Peterson, A. Townsend</td>
<td>Olin K. Petefish Award for Research Achievement in the Basic Sciences&lt;br&gt;University Distinguished Professor</td>
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<td>Slade, Norman</td>
<td>Excellence in Teaching (CTE) Award</td>
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<tr>
<td>Taylor, Edith</td>
<td>Botanical Society of America Merit Award</td>
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<td>Timm, Robert</td>
<td>Byron A. Alexander Graduate Mentor Award</td>
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<tr>
<td>Trueb, Linda</td>
<td>Outstanding Woman Educator Nomination</td>
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</tbody>
</table>
Graduate Student Scholarships or Fellowships

**BECKER, CORNELIA**
John M. Deal Summer Scholarship in Entomology,

**BENTLAGE, BASTIAN**
Ohio State University and the Willi Hennig Society, Fellowship

**COLE, JEFFREY**
John M. Deal Summer Scholarship in Entomology

**DAVIS, STEVE**
John M. Deal Summer Scholarship in Entomology
OSU/Willi Hennig Society Scholarship
Foreign Language Area Scholarship

**ESSELSTYNE, JACOB**
Field Museum Visitor’s Scholarship

**EVANS, NATHANIEL**
Ohio State University Willi Hennig Society Fellowship

**DOORES, ALLISON**
NSF Graduate Research Fellowship

**GONZALEZ-BETANCOURT, VICTOR**
John M. Deal Summer Scholarship in Entomology

**HINOJOSA DIAZ, ISMAEL**
John M. Deal Summer Scholarship in Entomology

**LINKEM, CHARLES**
Lewis and Clark Fellowship

**QUESTAD, ERIN**
KU Women’s Club Scholarship

**MAHER, SEAN**
Rocky Mountain National Park Research Fellowship

**MILLER, GINGER**
John M. Deal Summer Scholarship in Entomology

**NAJERA, DANNY**
John M. Deal Summer Scholarship in Entomology

**NAWROCKI, ANNALISE**
Madison and Lila Self Graduate Fellowship
Ida H. Hyde Scholarship for Women in Science

**PALIKLI, JASON**
John M. Deal Summer Scholarship in Entomology

**QUESTAD, ERIN**
American Association of University Women Dissertation Fellowship, Alternate
KU Women’s Club scholarship

**ROMERO, ANDREA**
Madison and Lila Self Graduate Fellowship
OTS Pilot Research Fellowship
NSF, Predoctoral Fellowship—Honorable Mention
Ford Foundation, Predoctoral Fellowship—Honorable Mention
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<th>Graduate Student Scholarships or Fellowships</th>
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<tr>
<td>SPARKS, KATHRYN</td>
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<td>Ida H. Hyde Scholarship for Women in Science</td>
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<td>SU, YONG-CHAO</td>
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<td>John M. Deal Summer Scholarship in Entomology</td>
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<td>VILLAFUERTE, LYNN</td>
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<tr>
<td>John M. Deal Summer Scholarship in Entomology</td>
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<td>BODBYL ROELS, SARAH</td>
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<td>BONACCORSO, ELISA</td>
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<td>CROWTHER, ANDREA</td>
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<td>RYBERG, PATRICIA</td>
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<td>SAMANTA-ROY, DEBOSREE</td>
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<td>SCHWENDEMANN, ANDREW</td>
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<td>SILER, CAMERON</td>
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</table>
Students Graduating with Advanced Degrees

Students Graduating with M. A. Degree and Thesis Title
(Graduate Advisor in parenthesis)

**GARRETT CALL** (K. Jensen)—A survey of the tapeworm fauna of the cownose ray, *Rhinoptera bonasus*, from the northern Gulf of Mexico with comments on intermediate hosts

**RAUL DIAZ, JR.** (L. Trueb) (non-thesis)—Developmental osteology and chondrocranial morphology of *Gastrophryne carolinensis* (Holbrook, 1835) (Anura: Microhylidae)

**DEREK KELLOGG** (C. Loudon)—Antennal biomechanics of house crickets (*Acheta domesticus* L.)

**JAMES KRIZ** (D. Huggins and F. deNoyelles) (non-thesis)—Assessment of floodplain wetlands of the lower Missouri River using a reference-based study approach

**KATHERINE ROACH** (J. Thorp)—Food web dynamics of fishes in relation to hydrological connectivity gradients in the upper Mississippi River

**ELIZABETH SLADE** (J. Kelly and M. Orive)—A comparison of models of persistent infection: Predicting key features of early HIV infection

**STEPHANIE SWENSON** (M. Engel, E. O. Wiley, & the former J. Ashe)—Phylogeny of the rove beetle genus *Plociopterus* (Coleoptera: Staphylinidae)

**JENNIFER THOMAS** (E. O. Wiley and J. S. Ashe)—A molecular investigation of the Aleocharinae (Coleoptera: Staphylinidae) phylogeny

**KATARINA TOPALOV** (M. Mort) (non-thesis)—Phylogenetic analyses of genus *Sempervivum* (Crassulaceae) inferred from DNA sequence data

Students Graduating with Ph.D. Degree and Dissertation Title
(Graduate Advisor in parenthesis)

**KELLIS BAYLESS** (C. Martin)—Estimating the *in situ* carbon balance of a *Bromus inermis* grassland using a leaf-level ecophysiological approach

**ELISA BONACCORSO** (A. T. Peterson & L. Trueb)—Evolution of the New World jays (Corvidae): phylogeny, biogeography, and ecology

**HARIM CHA** (D. Fautin)—Systematics of the order Corallimorpharia (Cnidaria: Anthozoa)

**ANNA CLARKE CARLSON** (E. O. Wiley & D. Smith)—Population genetic patterns in sister species sharing a single speciation event: A study of two species pairs of freshwater fishes

**JUAN M. GUAYASAMIN** (L. Trueb)—Phylogeny, taxonomy, character evolution, and biogeography of glassfrogs (Amphibia: Centrolenidae)
LIZA HOLESKI (J. Kelly)—Quantitative trait evolution in *Mimulus guttatus* (yellow monkeyflower)

NATAPOT WARRIT (D. Smith & C. Michener)—Biological systematics of the subgenus *Ceratinidia* (Hymenoptera: Apoidea: Apidae)

HEATHER YORK (R. Timm)—Interspecific ecological differentiation in the short-tailed fruit bats (Chiroptera: Phyllostomidae: Carollia)
Partial Listing of Service Activities Provided by Faculty

<table>
<thead>
<tr>
<th>Name</th>
<th>Activities</th>
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</thead>
</table>
| ALEXANDER, DAVID E.| Division Curriculum Committee  
                      Chair of Endowment Award/Special Support Committee, Entomology Program |
| ALEXANDER, HELEN   | Field Station and Ecological Reserves Executive Committee  
                      Chair, EEB Interim Chair Search Committee  
                      Departmental Review Committee          |
| ARMITAGE, KENNETH  | Historic Mount Oread Committee                                            |
| BILLINGS, SHARON   | KSR Executive Committee  
                      Long Range Planning Committee, KSR  
                      EEB External Review Committee  
                      Ecosystem Scientist Search Committee  
                      EEB Publicity Committee               |
| BROWN, RAFE        | Board Member, Society for the Study of Amphibians & Reptiles  
                      American Society of Ichthyologists and Herpetologists  
                      Consultant, IUCN Global Reptile Assessment  
                      Copeia Publishers Ad-Hoc Task Force  
                      Editorial Board, Wildlife Conservation Society of the Philippines |
| BURG, GREGORY      | University of Kansas Teach Steering Committee  
                      Biology Representative; Office of Study Abroad  
                      Undergraduate Biology Committee  
                      Awards and Scholarships Committee  
                      BioScholars Program                 |
                      Conservation Coordinator, Kansas Ornithological Society.  
                      Member, Kansas Non-game Wildlife Advisory Council, Kansas Department of Wildlife and Parks  
                      Member, Project Coordinator Search Committee |
| CARTWRIGHT, PAULYN | EEB External Review Committee  
                      Project Consultant, Animal Tree of Life  
                      CLAS Sabbatical Leave Committee  
                      Member, Evolutionary Genomics Search Committee |
| CRAWFORD, DANIEL   | Merit Award Committee, Botanical Society of America  
                      Stebbins Medal Committee, International Association for Plant Taxonomy  
                      EEB Publicity Committee               |
<p>| CUTLER, BRUCE      | Member, Special Support Committee, Entomology Program                      |</p>
<table>
<thead>
<tr>
<th>Name</th>
<th>Service Activities Provided by Faculty</th>
</tr>
</thead>
</table>
| DEBOER, GERRIT        | Division Alumni Events Committee  
                         | CLAS Academic Misconduct Board  
                         | Interviewer for the Assessment of General Education  
                         | EEB Graduate Admissions Committee  
                         | Special Support Committee, Entomology Program  
                         | Majors Fair Committee                                                                                                                                                        |
| DE NOYELLES, FRANK    | Kansas Reservoir Restoration Technical Advisory Committee  
                         | Director, Kansas Aquatic Mesocosm Program  
                         | Operations Committee, Kansas Field Station  
                         | Kansas Biological Survey, Deputy Director  
                         | Member, EEB Promotion and Tenure Committee                                                                                                                                 |
| ENGEL, MICHAEL        | Undergraduate Biology Committee  
                         | Systematic Entomology Search Committee  
                         | Member, Paleontological Institute Post-doctoral Researcher Search Committee                                                                                                                                                   |
| FAUTIN, DAPHNE        | University Scholarly Misconduct Task Force  
                         | Honors Committee  
                         | Governing Board, Global Biodiversity Information Facility (GBIF)  
                         | International Steering Committee for Ocean Biogeographic Information System (OBIS)  
                         | U. S. National Committee for the Census of Marine Life  
                         | U. S. National Committee, International Union of Biology  
                         | Member, Data Archiving and Access Requirements Working Group, NOAA  
                         | Scientific Advisory Council, EDIT (European Distributed Institute of Taxonomy)                                                                                                                                                       |
| FOSTER, BRYAN L.      | Chair, Biological Sciences Honors Committee  
                         | Executive Committee Kansas Ecological Reserves  
                         | Chair, EEB Graduate Admissions Committee  
                         | Member, Ecosystem Scientist Committee                                                                                                                                                                                        |
| FREEMAN, CRAIG C.     | Secretary, Board of Directors, Flora of North America Association  
                         | Executive Committee, Flora of North America Association  
                         | Board of Directors, Grassland Heritage Foundation  
                         | Board of Directors, Kansas Native Plant Society  
                         | NHM/BRC Executive Committee  
                         | Executive Committee, Kansas Biological Survey  
                         | Member, Global Biodiversity Modeler Search Committee                                                                                                                                                                          |
| GLEASON, JENNIFER M.  | Biological Sciences ad hoc Neurobiology Search Committee  
                         | Treasurer, Sigma Xi, University of Kansas Chapter  
                         | Undergraduate Biology Club  
                         | EEB, Ad hoc Evolutionary Genomics Search Committee  
                         | EEB Diversity Enhancement Committee  
                         | EEB Social Committee                                                                                                                                                                                                               |
HAUFLER, CHRISTOPHER
Botanical Society of American, President
College Academic Council
Advisory Board, Center for Teaching Excellence
Division of Biological Sciences Executive Committee
Director of Undergraduate Biology
Faculty Fellow, Honors Program
College Task Force on General Education
University Senate Task Force on Promotion and Tenure
University Senate Task Force on Evaluation of Teaching Chair, Departmental Review Committee
Member, Systematic Entomologist Search Committee
Undergraduate Research Awards committee
Interim Chairperson, EEB Department

HILEMAN, LENA
EEB Bylaws Committee
EEB Review Committee

HOLDER, MARK
Member, Special Undergraduate Research Awards Committee

JANDER, RUDOLF
Division of Biological Sciences Honors Committee
EEB Undergraduate Education and Research Committee

JENSEN, KIRSTEN
Vice-President-Elect, Southwestern Association of Parasitologist
Member, Scientific Committee, International Symposium for Fish Parasites
Member, Fulbright, Graduate Division Committee
NHM/BRC Executive Committee
NHM/BRC Molecular Phylogenetics Lab Committee
EEB, Publicity Committee
Undergraduate Education Research Committee

KELLY, JOHN
Chair, EEB Graduate Committee
EEB Evolutionary Genomics Search
Panel Member, NIH Fellowship grants

KINDSCHER, KELLY
Environmental Studies Library Liaison
Advisory Board, Osher Lifelong Learning Institute
Advisory Board, Kansas Land Trust
Board of Directors for the United Plant Savers
Faculty Advisor for Environs
Iowa State University NIH Botanical Center Advisory Council

KRISHTALKA, LEONARD
KUCR Research Directors Council
Member, AAAS Council on Science, Engineering and Public Policy
Pat Roberts Task Force on Science, Technology and the Future Board of Directors, NEON, Inc.
Vice-President, Natural Science Collections Alliance
Board Member, Global Biodiversity Information Facility
Member, Chancellors Athletics Advisory Committee
<table>
<thead>
<tr>
<th>Name</th>
<th>Positions and Committees</th>
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</table>
| **MARTIN, CRAIG E.**      | Chair, Department of Ecology and Evolutionary Biology  
                             University Honors Council  
                             Division of Biological Sciences Executive Committee |
| **MARTIN, LARRY**         | CLAS Chair and Directors Review Committee  
                             Division of Biological Sciences Curriculum Committee  
                             TERQUA Advisory Committee  
                             EEB Undergraduate Research Awards Committee  
                             EEB Special Awards Committee  
                             Science City Steering Committee, Museum of Natural History |
| **MACDONALD, STUART**     | EEB External Review Committee  
                             Evolutionary Genomics Search Committee |
| **MARTINKO, EDWARD**      | Director, Kansas Biological Survey  
                             KBS Executive Committee  
                             Director, KU Field Station and Ecological Reserves  
                             Kansas Water Authority  
                             KUCR Board of Trustees  
                             Kansas Geographic Information Systems Policy Board  
                             KU CR, Research Directors Council  
                             KUCR Finance and Audit Committee  
                             Environmental Studies Program Faculty Evaluation Committee  
                             Environmental Studies Program Graduate Committee  
                             EEB Executive Committee  
                             Program Director, Ecology and Population Biology Program |
| **MORT, MARK**           | American Society of Plant Taxonomists, Website Committee  
                             Botanical Society of American, Planting Science  
                             University Judicial Board  
                             EEB Graduate Admissions Committee  
                             EEB Ecosystem Scientist Search Committee  
                             EEB Social Activities Committee  
                             CLAS Committee on Undergraduate Studies & Advising |
| **MOYLE, ROBERT**        | EEB Student Awards Committee |
| **ORIVE, MARIA**         | EEB By-Laws Committee Chair,  
                             Chair, Academic Policies and Procedures Committee  
                             EEB Social Activities Committee |
| **PETERSON, A. TOWNSEND**| Foreign Collaborator, Intern’l Science & Technology Center  
                             International Ornithological Committee  
                             Advisory Committee, European Network for Biodiversity Information  
                             Informatics, Wildlife Disease Information Node  
                             I Taller Latinoamericano de Informatica para la Biodiversidad  
                             UNIBIO, Instituto de Biologia, Universidad Nacional Autonoma de Mexico  
                             International and Global Studies Task Force  
                             University Sabbatical Leave Committee |
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Service Activities Provided by Faculty

KU-UCR Collaborative Research Grant Program
EEB Graduate Admissions Committee

PIEROTTI, RAYMOND
Member, Kansas Rural Development Council
Promotion and Tenure issues, Kansas State Chapter of AAUP
Indigenous Nations Studies Program, Curriculum Committee
Indigenous Nations Studies Program, Executive Committee
Indigenous Nations Studies Program: Chair, Graduate Admissions Committee

SLADE, NORMAN
Informatics Committee, American Society of Mammalogists
Joseph Grinnell Award committee, American Society of Mammalogists
Panorama Grant Review Panel, NHM/BRC

SMITH, DEBORAH R.
American Arachnological Society Roth Fund for Systematics Research
Chair, International Affairs Committee
Interim Director, Undergraduate Biology Search Committee
Interim EEB Chair, Search Committee
EEB By-laws committee
EEB, Ecosystem Scientist search
Chair, Publicity Committee
EEB Ambassador, Center for Teaching Excellence
Michener Lecture Committee

SMITH, VAL
American Society of Limnology and Oceanography
Undergraduate Education and Research Committee
Undergraduate Biology Committee

TAYLOR, EDITH L.
American Association of University Women (AAUW)
CLAS Promotion and Tenure Committee
Secretary/Treasurer, International Organization of Paleobotany
Council Member, Society for Sedimentary Geology
EEB, Promotion and Tenure Committee
University of Kansas: Women's Studies Advisory Board
Lawrence Arts Commission
Friends of Lawrence Public Library

TAYLOR, ORLEY
EEB Executive Committee
EEB Promotion and Tenure Committee
Global Biodiversity Search Committee
Sabbatical Leave Committee
Entomology Program Director
Monarch Watch Project Director
Executive Director, Michoacan Reforestation Fund
Steering Committee for the North American Pollinator Protection Campaign
Board of Governors, Grassland Heritage Foundation

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<table>
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<tr>
<th><strong>Service Activities Provided by Faculty</strong></th>
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<tbody>
<tr>
<td><strong>TAYLOR, THOMAS N.</strong></td>
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<tr>
<td>National Science Board – Task Force on International Science, Task Force on Polar Issues, Education and Human Resources Committee, Strategy and Budget Committee</td>
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<td>NSF-EPSCoR Foundation, Board of Directors</td>
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<td>National Research Council of the National Academies - Gender Differences in Careers of Science, Engineering, and Mathematics Faculty Committee</td>
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<td>Virgin Islands NSF-EPSCoR Advisory Committee</td>
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<td>Senator Pat Roberts Advisory Committee in Science, Technology, and the Future</td>
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<td>Distinguished Professor Selection Committee</td>
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<td>EEB Executive Committee</td>
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<tr>
<td>Director, Plant Biology Program</td>
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</table>

| **THORP, JAMES**  |
| Board of Directors President, International Rivers Society for River Science  |
| Advisory Board, Chinese Academy of Science’s Institute of Hydroecology in Wuhan, China  |
| KRS Executive Committee  |
| Research and Education Committee  |
| Chair, EEB Ecosystem Scientist Search  |

| **Timm, Robert**  |
| University Governance Committee on Libraries  |
| International Union for the Conservatoion of Nature, (IUCN) Organization for Tropical Studies (OTS), Assembly of Delegates  |
| American Society of Mammalogists, President  |
| Curator-in-charge of the Mammal Division  |
| Institutional Animal Care and Use Committee (IACUC)  |
| Madison and Lila Self Graduate Committee  |
| Science Library Liaison  |
| EEB Curriculum Committee  |

| **TRUEB, LINDA**  |
| Chair, EEB Executive Committee  |
| EEB Sabbatical Leave Committee  |
| Program Director, Systematics, Biodiversity and Macroevolution  |
| Board of Governors, American Society of Ichthyology and Herpetology  |
| Member, International Herpetological Committee  |
| Advisory Board, NSF-Understanding Tree-of-Life Project  |
| Advisory Board, NSF-Amphibian Ontology Project  |
| Chair, Task Force to Redesign *Copeia*, American Society of Ichthyologists and Herpetologists  |

| **WARD, JOY**  |
| University Athletic Board  |
| University Committee on Post-docs  |
| Chair, EEB Diversity Enhancement Committee  |

| **WILEY, EDWARD**  |
| Advisory Board, Japanese J. Ichthology  |
| Chair, Global Biodiversity Search Committee  |
Graduate Committee
Chair, Promotion and Tenure Committee
EEB External Review Committee
<table>
<thead>
<tr>
<th>Name</th>
<th>Journals and Associations</th>
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<tbody>
<tr>
<td>Armitage, Kenneth</td>
<td>Ethology, Ecology, Evolution Oecologia Montana</td>
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<td>Cartwright, Pauly</td>
<td>Integrative and Comparative Biology</td>
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<td>Crawford, Daniel</td>
<td>Argentinean Journal of Botany Gayana Botanica, Concepción, Chile</td>
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<td>Engel, Michael S.</td>
<td>Psyche Uludag Bee Journal Arthropod Systematics &amp; Phylogeny</td>
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<td>Cambridge Evolution Series Journal of Kansas Entomological Society</td>
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<td>Fautin, Daphne</td>
<td>Zootaxa</td>
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<td>Foster, Bryan</td>
<td>Plant Ecology Journal of Ecología</td>
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<td>Freeman, Craig</td>
<td>Flora of North America</td>
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<td>Gleason, Jennifer</td>
<td>Journal of Evolutionary Biology</td>
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<td>Hafler, Christopher</td>
<td>American Fern Journal Botanical Society of America</td>
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<td>Journal of Plant Research Anales del Real Jardín Botánico de Madrid</td>
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<td>Kelly, John</td>
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<td>Mort, Mark</td>
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<td>Graellsia Biodiversity Informatics Bioclimatologia de la Flora de Veracruz Revista Mexicana de la Biodiversidad</td>
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<td>Smith, Deborah</td>
<td>Apidologie</td>
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<td>Taylor, Edith</td>
<td>Society for Sedimentary Geology (PALAIOS, SEPM)</td>
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<tr>
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<td>THORP, JAMES</td>
<td><em>River Research and Applications</em></td>
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<td><em>Journal of Morphology</em></td>
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