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Newsletter for May 09, 2006

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Announcements

Repeat Announcement - Cornell Invasive Species Forum
Thursday, May 18th, 2006 from 9:00 a.m. - 3:15 p.m.

Whetzel Seminar Room, 404 Plant Science Building
Advance Registration Requested

Invasive species represent one of the greatest environmental challenges for the 21 century, causing tremendous losses in agriculture and wild lands. The control and mitigation of effects of invasive species requires not only an understanding of their basic biology, but also of the environmental complexity of the habitats and interactions in invaded areas. The focus of this forum will be on research at Cornell University, structured to inform and build collaborations at Cornell, inform community members of our efforts, and begin to help develop a strategic vision for the future. This campus event is being led by Anurag Agrawal of the Department of Ecology and Evolutionary Biology and sponsored by the Center for the Environment. Those interested in attending the forum are asked to please register by emailing Michaëlle van de Walle at mjv28@cornell.edu.

For more information, please review the [Invasive Species Forum website >>](#)

Repeat Announcement - Memorandum of Understanding
With the [École Normale Supérieure](#) in Paris

To facilitate international academic exchange, to develop academic and scientific relationships, and in support of collaborative research activities, [École Normale Supérieure](#), Paris, France, and Cornell University's College of Agriculture and Life Sciences (CALS) signed a Memorandum of Understanding (MOU) as a framework for cooperative programs. This MOU supports the intentions of Cornell University and ENS to form a strategic partner relationship between Cornell University Center for the Environment (CfE) and ENS Centre d'Enseignement et de Recherches sur l'Environnement et la Société (CERES), that will strengthen teaching and research in the environmental field and will broaden the international experiences of the faculty and students of both institutions. For more information please contact Michaëlle van de Walle at mjv28@cornell.edu.

In Recent Science News. . .

Cornell Researchers Report on Economic Value of Insect Services In the April 2006 edition of [BioScience](#), researchers John E. Losey (Cornell Department of Entomology) and Mace Vaughn (Cornell M.S. '99 and current conservation director at the Xerces Society for Invertebrate Conservation in Portland, Oregon) report on '[The Economic Value of Ecological Services Provided by Insects](#)'. The study found that native insects are food for wildlife that supports a \$50 billion recreation industry, provide more than \$4.5 billion in pest control, pollinate \$3 billion in crops and clean up grazing lands, which saves ranchers some

\$380 million a year. Losey and Vaughan's study focused on the economic value of four particular services - wildlife nutrition, pest control, pollination and dung burial - selected because robust data were available for an analysis. Losey and Vaughan compared the values of each service at current levels of function to theoretical levels if these services were absent.

AIBS Public Policy Report for May 08, 2006

- Members of Congress among those expressing concern with Smithsonian Showtime Networks partnership
- EPA library network poised for cut
- AIBS and Ecological Society of America send letter to appropriators in support of NSF
- Two new members assigned to House Science Committee
- President Bush announces his intent to name new USGS director
- USGS report assesses national stream and ground water quality
- New in BioScience: $\frac{1}{2}$ Are there signs of life in the innovation budget? $\frac{1}{2}$
- From the Federal Register

[Read the full report >>](#)

New Grant and Project Opportunities

[Browse Complete RFP Listings >>](#)

New

- [Smithsonian Tropical Research Institute: Short-Term Fellowships](#) (May 15)
- [Lindbergh Seed Grants Program](#) (Jun 8)
- [USDA/NRI: Animal Genomics](#) (Jun 15)
- [NIH/NIEHS: Independent Scientist Award](#) (Jul 1)
- [NSF: Archaeology & Archaeometry](#) (Jul 1)
- [NSF: Physical Anthropology](#) (Jul 1)
- [NSF: Living Stock Collections \(LSC\)](#) (Jul 5)
- [NSF: Revisionary Syntheses in Systematics \(REVSYS\)](#) (Jul 9)
- [NSF: Biological Databases and Informatics \(BD&I\)](#) (Jul 10)
- [NSF: Coupling, Energetics, & Dynamics of Atmospheric Regions \(CEDAR\)](#) (Jul 10)
- [NSF: Behavioral Systems Cluster](#) (Jul 12)
- [NSF: Cellular Systems Cluster](#) (Jul 12)
- [NSF: Developmental Systems Cluster](#) (Jul 12)
- [NSF: The Environmental & Structural Systems Cluster](#) (Jul 12)
- [NSF: Functional & Regulatory Systems Cluster](#) (Jul 12)
- [NSF: Genes and Genome Systems Cluster](#) (Jul 12)
- [NSF: Grants To Broaden Participation in Bio Research](#) (Jul 12)
- [NSF: Biomolecular Systems Cluster Grants](#) (Jul 12)
- [NSF: EarthScope Program Research](#) (Jul 16)
- [NSF: Geobiology and Low-Temperature Geochemistry](#) (Jul 16)

- [Smithsonian Tropical Research Institute: Visiting Researchers](#) (Jul 28)
- [NSF: Biological Research Collections \(BRC\)](#) (Jul 28)
- [NSF: Biological Physics \(BP\)](#) (Jul 31)
- [NSF: Earth MARGINS Program](#) (Aug 1)

Deadlines in May

- [Robert Wood Johnson Foundation: Active Living Research](#) (May 10)
- [USDA Forest Service: PA & CT Highlands Regional Study Updates](#) (May 12)
- [Ame.Nursery & Landscape Assoc. Horticultural Research Institute Research Grants](#) (May 15)
- [EPA: Pollution Prevention Grants](#) (May 15)
- [MacArthur Foundation: Conservation & Sustainable Development](#) (May 15)
- [NASA: Tropical Composition, Cloud & Climate Coupling Experiment](#) (May 15)
- [Nat'l Fish & Wildlife Foundation \(NFWF\): Regional Wildlife Conservation](#) (May 15)
- [EPA STAR: Advances in Benefit Transfer Methods](#) (May 16)
- [EPA STAR: Collaborative Sci & Tech for Sustainability](#) (May 17)
- [NIH/NIEHS: Community Participation in Research](#) (May 17)
- [NIH: Collaborations with Nat'l Ctrs of Biomedical Computing](#) (May 17)
- [USDA/NRI: Animal Growth and Nutrient Utilization](#) (May 17)
- [NASA: Cosmochemistry](#) (May 19)
- [EPA/Health Effects Institute \(HEI\): Health Effects of Air Pollution](#) (May 23)
- [NIH: Molecular Probes for Microscopy of Cells](#) (May 25)
- [USDA/Northeast SARE: Prof. Development, Research & Educ. Grant Programs](#) (May 31)

Deadlines in June

- [Dep't of Health & Human Services: Science & Ecology of Early Development](#) (Jun 1)
- [NASA: Physical Oceanography](#) (Jun 1)
- [NIH/NIEHS: Metals in Medicine](#) (Jun 1)
- [NIH/NIEHS: Small Research Grants](#) (Jun 1)
- [NSF: Earth Sciences Research \(EAR\)](#) (Jun 1, Jul 16)
- [NSF: Geophysics](#) (Jun 1)
- [NSF: Hydrologic Sciences](#) (Jun 1)
- [NSF: Petrology and Geochemistry](#) (Jun 1)
- [NSF: Tectonics](#) (Jun 1)
- [HUD: Healthy Homes & Lead Technical Studies](#) (Jun 6, Jun 7)
- [NSF: Antarctic Research](#) (Jun 7)
- [NSF: Supplemental International Travel & Research \(IREE\)](#) (Jun 8)
- [NASA: Advancing Collab. Connections for Earth Science \(ACCESS\)](#) (Jun 14)
- [NASA: Research and Modeling of Atmospheric Composition](#) (Jun 15)
- [USDA/CSREES: National Research Initiative - Air Quality \(NRICGP\)](#) (Jun 15)
- [USDA/NRI: Plant Biosecurity](#) (Jun 15)
- [NSF: Plant Genome Comparative Sequencing Program \(PGCSP\)](#) (Jun 16)
- [EPA/NCER: Consequences of Global Change for Air Quality](#) (Jun 20)
- [NIH/NIOSH/CDC: Int'l Training & Research in Envir. & Occupational Health \(ITREOH\)](#)

(Jun 22)

- [NSF: Research Coordination Networks in Biological Sciences \(RCN\)](#) (Jun 26)
- [Northern Nut Growers Association \(NNGA\): Research Grants](#) (Jun 30)

Deadlines in July

- [NATO Security Through Science Program](#) (Jul 1)
- [NIOSH Special Emphasis Research Career Award Program](#) (Jul 1)
- [NSF: Population & Evolutionary Processes Cluster Grants](#) (Jul 9)
- [NSF: Long Term Research in Environmental Biology \(LTREB\)](#) (Jul 9)
- [NSF: Opportunities for Promoting Understanding through Synthesis \(OPUS\)](#) (Jul 9)
- [NSF: Quantitative Environmental and Integrative Biology \(QEIB\)](#) (Jul 12)
- [EPA Broad Agency Announcement \(BAA\): Conference Funds](#) (Jul 17)
- [NSF: Faculty Early Career Development - Environmental Sciences](#) (Jul 18)
- [NSF: Faculty Early Career Development - Ocean Sciences](#) (Jul 20)

Deadlines in August

- [Fulbright: U.S.-Canada Student Scholars](#) (Aug 1)
- [Fulbright: U.S.-Canada Visiting Research Chairs Program](#) (Aug 1)
- [National Academies: Research Associateship Programs \(RAP\)](#) (Aug 1)
- [NSF Science & Society \(S&S\): Grants, Conferences, & Scholarship Support](#) (Aug 1)
- [Trans-NIH Consortium \(BECON\): Bioengineering Nanotechnology \(STTR\)](#) (Aug 1)

Select Seminars and Campus Events

Special Seminar

Earth and Atmospheric Sciences

"Seismotectonics at Peking University: Tomographic Structure of East Asia"

Professor Y. John Chen, Peking University

2146 Snee Hall, Thursday, May 11 at 3:00 PM

For Further Information: [Jacob Moore](#)

Biochemistry, Molecular and Cell Biology Seminars:

12:20 PM Mondays in G-O1 Biotechnology Building

Schedule at - http://www.mbg.cornell.edu/BMCB_Monday_Seminars.cfm

Biogeochemistry and Environmental Biocomplexity Seminars:

4:00 PM Fridays in Morison Room, Corson Hall

Schedule at - <http://www.biogeo.cornell.edu/seminars.html>

Biophysics Seminars:

4:30 PM Wednesdays in 700 Clark Hall

Schedule at - <http://www.drbio.cornell.edu/Dissemination/seminars.html>

Civil and Environmental Engineering Seminars:

Variable dates, times and locations

Schedule at - <http://www.cee.cornell.edu/fbxc/seminars.cfm>

Crop and Soil Sciences Seminars:

12:20 PM Thursdays in 135 Emerson Hall

Schedule at - <http://www.css.cornell.edu/seminars/seminar.html>

Earth and Atmospheric Sciences Seminar Series:

Variable dates, times and locations

Schedule at - <http://www.eas.cornell.edu/fbxc/smnrs.cfm>

Ecology and Evolutionary Biology Seminars:

12:30 PM Mondays in A106 Corson Hall

Schedule at - <http://www.eeb.cornell.edu/department/seminars.html>

Entomology Seminars:

3:30 PM Mondays in Corson-Mudd Auditorium

Schedule at - <http://www.entomology.cornell.edu/Jugatae/default.htm>

Genetics and Development:

12:20 PM Wednesdays in GO1 Biotechnology Building

Schedule at - http://www.mbg.cornell.edu/GD_Wednesday_Seminars.cfm

Horticulture Seminars:

11:15 AM Mondays in Whetzel Room, Plant Science 404

Schedule at - http://www.hort.cornell.edu/department/news_events/2005springseminar.pdf

Laboratory of Ornithology Seminar Series:

7:30 PM Mondays in the auditorium of the Johnson Center for Birds and Biodiversity

Schedule at - <http://www.birds.cornell.edu/LabPrograms/Education/MNSFallod.html>

Molecular Biology and Genetics Seminars:

4:00 PM Fridays in G10 Biotechnology Building

Schedule at - http://www.mbg.cornell.edu/MBG_Seminars.cfm

Natural Resources Seminars:

3:30 PM Tuesdays in 304 Fernow Hall

Schedule at - <http://www.dnr.cornell.edu/events/seminars/>

Plant Biology Seminars:

11:15 AM Fridays in 404 Plant Science, Whetzel Room

Schedule at - <http://www.plantbio.cornell.edu/seminars.php>

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