

PROGRAM INFORMATION

31st Natural Areas Conference Emerging Issues: Possibilities and Perils

October 13-16, 2004
Holiday Inn Chicago Mart Plaza
Chicago, Illinois



The Natural Areas Conference Planning Team wishes to thank the following organizations for their support of this conference. Many of these organizations have exhibits on the 14th floor. Stop by and thank them for their support.

Conference Hosts

Natural Areas Association
Illinois Nature Preserves Commission
Illinois Department of Natural Resources

Conference Co-hosts

Office of Continuing Education
University of Illinois at Urbana-Champaign
Natural Land Institute
Christopher B. Burke Engineering, Limited.

Conference Benefactors (\$10,000+)

Illinois Wildlife Preservation Fund
Chicago Wilderness
U. S. Department of Interior, Bureau of Land Management

Conference Underwriters (\$5,000-\$9,999)

City of Chicago, Department of Environment
U. S. Geological Survey, Biological Resources Division
U. S. Forest Service
U. S. National Park Service
John G. Shedd Aquarium (in kind)
Public Communication, Inc.

Conference Sponsors (\$1,000-\$4,999)

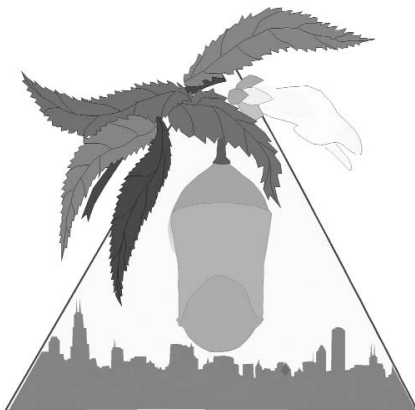
Illinois Audubon Society
Midewin National Tallgrass Prairie
Western Illinois University
Lake County Forest Preserve District
Forest Preserve District of Will County
Hey & Associates
The Nature Conservancy- Illinois Chapter
U. S. Fish and Wildlife Service
Pulte Homes
U. S. Environmental Protection Agency, Region 5 (in kind)
V3 Consultants (in kind)

Conference Donors (\$100-\$999)

SPACECO, Inc
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Save The Prairie Society
ACEC/IL
Professional Association of Conservation Resource Managers
Illinois Chapter, The Wildlife Society
Bollinger, Lach and Associates
Illinois Section, American Society of Consulting Engineers
Illinois Native Plant Society
DuPage County, Department of Development & Environmental Concerns
Illinois Chapter of the American Fisheries Society
The Nature Institute

This project was funded through a grant program supported by the USDA Forest Service Northeastern Area, State and Private Forestry, and the US Fish & Wildlife Service, in support of Chicago Wilderness. USFWS and USFS grants of federal monies are administered by the Illinois Conservation Foundation.

The Planning Committee wishes to thank the staff of Conferences & Institutes, Office of Continuing Education, University of Illinois at Urbana-Champaign for their guidance, knowledge and support in the development of this Natural Areas Conference. Without their serving as the professional conference organizer, book keeping, negotiator and registrar, this conference could not have occurred. We would also like to thank The Holiday Inn Chicago Mart Plaza staff for their assistance and use of this Venue.



General Information

About the Logo

The Baltimore checkerspot butterfly (*Euphydras phaeton phaeton*) was chosen to be featured on this year's conference logo because of the relevant regional conservation issues represented. The single host plant for this butterfly is the white turtlehead (*Chelone glabra*) where the female lays its eggs on the underside of the leaf on which the larva feed. The fate of the two are subsequently intertwined. The turtlehead prefers fens and calcareous seeps where the highly mineralized, calcium rich groundwater sustains them. These environments, however, are adversely affected by surrounding land uses within a progressively urban environment. In order to ensure the continued spring emergence of the butterfly, creative solutions are required to address these and other "Emerging Issues."

Conference Headquarters (Pre-Function Area, Wolf Point Ballroom, 15th Floor)

Please refer questions to any attendee wearing a "Host" ribbon or individuals at the conference headquarters. Urgent messages will be posted there and a few copies of conference abstracts will also be available for reference. Complete abstracts are available online for download at the conference website, www.conferences.uiuc.edu/NAA2004.

Name badges

Please remember that name badges will be required to attend all of the conference events and don't forget to please recycle your used badge holder at the registration desk as you leave the conference.

Speakers Ready Room

A slide projector, screen, laptop and PowerPoint projector will be available throughout the conference in the Mark Beaubien Room on the 16th floor for last minute review of your presentation.

Natural Area Association Booth (14th Floor)

Hurry, to the Natural Areas Association booth and pick up this year's "limited edition" 2004 Conference T-Shirt" complete with both the conference and the new NAA logos. These high quality, 100% cotton T's will be available in either light yellow or jade green from size small to XX large and will be sold for \$15. Limited quantities for the yellow and small and XX large will be available so drop by early.

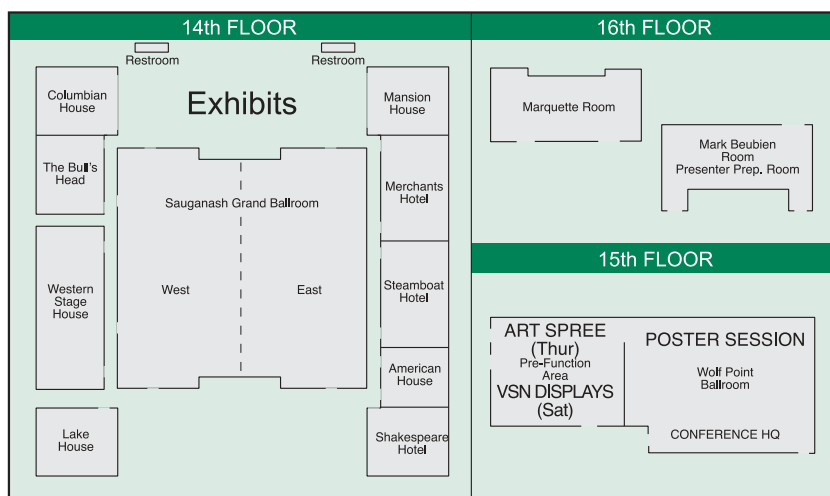
While you are there, be sure to pick up tickets for this year's raffle. The Association is pleased to be raffling off a **Digital Canon Powershot G5, 5-mega pixel camera**. Don't miss out on this opportunity to "Step Into the Wild" world of digital photography with this award winning camera. Tickets are also available from any NAA board member. The drawing will be held at Friday's banquet. The best thing about this prize is that it's easy to ship home!

Auction

As always, the live and silent auction will consist of donated items ranging from books to prints, from T-shirts to the infamous Prairie Fire. They will be displayed in the Sauganash Grand Ballroom during the Wednesday and Thursday of the conference and again at the John G. Shedd Aquarium during Friday evenings banquet. Winning bidders are expected to pay for their items after the close of bidding Friday night. All proceeds from the auction items support the work of the Natural Areas Association. *If you have items to donate to the auction, please drop them by the Conference Headquarters.*

Dining out

Except for the box lunch on conference field trips and the banquet on Friday night, all meals are on your own. The conference is in the River North Area of Chicago and adjacent to numerous restaurants in all price ranges. Many have a unique Chicago atmosphere, mingling jazz, excellent food and entertainment. In addition to numerous world class establishments where you can sample the original Chicago Style pizza, ribs, steaks and diverse ethnic fare, you can also pick up a quick bite between sessions in a food court located across the street in the Merchandise Mart.



Welcome

On behalf of the hosts and the entire organizing committee, welcome to the 31st Natural Areas Conference in Chicago, the great crossroads of North America. The conference theme: "Emerging Issues: Possibilities and Perils," acknowledges the changing nature of the protection and management needs facing Natural Areas in today's world.

In Illinois, the home state of George B. Fell and the region where much of the organized effort to protect nature began, we will examine the direction the movement is taking. Chicago has a rich conservation history. Jens Jensen and Dwight Perkins argued in 1904, to ring the city with natural lands to be preserved for their "own sake and scientific value". Chicago was the first American city with a comprehensive urban landuse plan developed by D. H. Burnham and Edward Bennett. These ideas ultimately resulted in the formation of the Cook County Forest Preserve District in 1914. From their shared vision, planned and nurtured over 100 years ago and along with similar efforts in the surrounding counties, has emerged a legacy of natural lands that provide the rich resources so important in today's restoration efforts. This legacy has spawned many innovative ideas aimed at land preservation and stewardship, culminating today in the internationally recognized Chicago Wilderness Coalition and the Chicago Nature and Wildlife Plan. It is fitting that, in 2004 in this place, we continue this open and important discussion with an increasing emphasis on what we must do to sustain Natural Areas in our ever changing landscapes.

As Natural Areas practitioners, the strategies we employ evolved from the vision of the dedicated people who attended the first natural areas conference 31 years ago. Our successes today are either an outcome of or benefit from previous actions. Keep this in mind as you attend the Preserve System Design or Managing Urban Natural Areas Symposia. Look for today's vision as you attend the Synergy of Invasive Species Program or the Using our Partners' Strengths Symposia. Successes today are built on the foresight and hard work of the past, so how we deal with the Emerging Issues today will have dramatic ramifications for the types of issues we will address tomorrow. Let's plan for tomorrow's successes today. **Have a Great Conference!**

The NAC Planning Committee

Emerging Issues: Possibilities and Perils

Agenda of 2004 Conference Events

Wednesday, 13 October

- 8:00 am - Noon Natural Areas Committee Meetings (14th Floor)
- 9:00 am Conference Registration Opens (Pre-Function Area, Wolf Point Ballroom, 15th Floor)
- 1:00 pm - 3:15 pm Conference Welcome and Plenary Session (Sauganash Grand Ballroom, 14th Floor)
- 3:15 pm - 3:45 pm Break
- 3:45 pm - 5:00 pm Keynote Address (Sauganash Grand Ballroom, 14th Floor)
- 5:00 pm - 7:00 pm Welcoming Social (Sauganash Grand Ballroom, 14th Floor)
- 6:30 pm - 7:15 pm Premier Screening of "Aldo Leopold and the Wild Prairie Orchids" (Merchant Hotel, 14th Floor)

Dinner on your own

Thursday, 14 October

Breakfast on your own

- 7:30 am Conference Registration Opens
- 8:00 am - 9:30 am Plenary Session (Sauganash Grand Ballroom, 14th Floor)
- 10:00 am - 11:30 am Symposia and Contributed Paper Sessions (14th Floor)
- 12:00 pm - 8:00 pm Illinois Artisans Art Spree "Naturally" (Pre-Function Area, Wolf Point Ballroom, 15th Floor)
- 11:30 am - 1:00 pm *Lunch on your own*
- 1:00 pm - 5:00 pm Symposia and Contributed Paper Sessions (14th Floor)
- 1:00 pm - 3:00 pm National Association of Exotic Pest Plant Councils Annual Meeting (Marquette Room, 16th Floor)
- 5:00 pm - 6:00 pm NAA Membership Meeting (Western Stage House, 14th Floor)
- 5:00 pm - 7:00 pm *Dinner on your own*
- 7:00 pm - 9:00 pm Poster Session and Social (In conjunction with the Art Spree - Pre-Function Area, Wolf Point Ballroom, 15th Floor)

Friday, 15 October

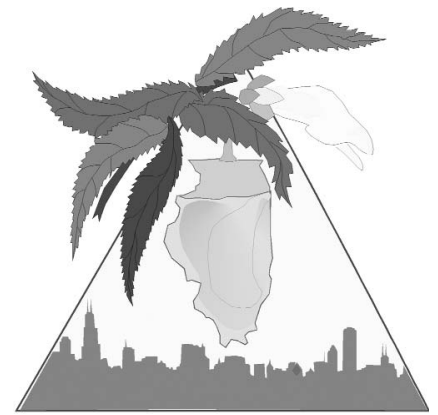
Breakfast on your own

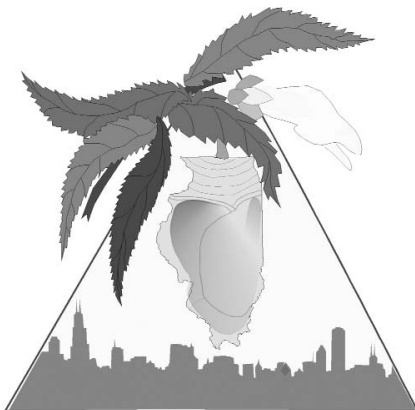
- 6:30 am Conference Registration Opens
- 7:00 am - 5:00 pm Field Trips (*Lunch provided on all trips*)
- 6:00 pm - 6:30 pm Travel to John G. Shedd Aquarium (buses available)
- 7:00 pm - 10:30 pm Awards Ceremony, Banquet, Live and Silent Auctions
- 10:30 pm - 11:00 pm Buses available for transportation back to the Hotel

Saturday, 16 October

Breakfast on your own

- 7:30 am Conference Registration Opens
- 8:00 am - 9:30 am Plenary Session (Sauganash Grand Ballroom, 14th Floor)
- 10:00 am - 11:30 am Symposia and Contributed Paper Sessions (14th Floor)
- 10:00 am - 5:00 pm Volunteer Stewardship Network Poster Display (Pre-Function Area, Wolf Point Ballroom, 15th Floor)
- 11:30 am - 1:00 pm *Lunch on your own*
- 1st Annual Meeting of the Midwest Invasive Species Network (Marquette Room, 16th Floor)
- 1:00 pm - 5:00 pm Symposia and Contributed Paper Sessions (14th Floor)
- 2:00 pm - 5:00 pm Volunteer Stewardship Network Roundtable (Marquette Room, 16th Floor)





Wednesday, October 13th

Welcome and Plenary Session (Sauganash Grand Ballroom, 14th Floor)

1:00 pm **Welcome and Opening Remarks for the 31st Natural Areas Conference**

J. Ralph Jordan, President
Natural Areas Association

Harry Drucker, Chair
Illinois Nature Preserves Commission

Joel Brunsvold, Director (Invited)
Illinois Department of Natural Resources

The Honorable Governor Rod Blagojevich
State of Illinois (Invited)

Plenary Addresses

1:45 pm **Welcome / Chicago Nature and Wildlife Plan**
The Honorable Mayor Richard J. Daily (Invited)

2:15 pm **Natural History of the Chicago Region**
Joel Greenberg

Keynote Address

3:45 pm **Natural Areas in Time and Place**
Eric T. Freyfogle, Max L. Rowe Professor of Law at the University of Illinois College of Law

Welcome Social (Sauganash Grand Ballroom, 14th Floor)

5:00 pm Reacquaint yourself with old friendships, meet, greet and start new ones and help us to celebrate the return of the Natural Areas Conference to Illinois with this informal social event that is intended to “get your evening started.” Cash bar available.

Premier Screening of “Aldo Leopold and the Wild Prairie Orchids.” (Merchant Hotel)

6:30 pm A 45 minute video documentary produced by Chuck Johannsen. The story of Professor Leopold at Faville Grove: the beginning of prairie preservation. The video also touches upon the beginnings of prairie restoration: the public prairie plantings at the UW arboretum, and the Leopold family project at “the shack.”

Thursday, October 14th

Plenary Addresses (Sauganash Grand Ballroom, 14th Floor)

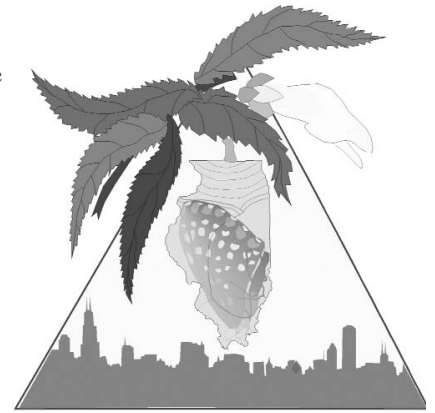
8:00 am **Building a constituency for Natural Area protection**
Jonathan Goldman, Executive Director - Illinois Environmental Council

8:30 am **Emerging and resurging diseases: Fighting the fire**
Leslie Dierauf, Director, National Wildlife Health Center

9:00 am **The tragedy of fragmentation: A conservation landscape for the United States**
J. Michael Scott, U. S. Geological Survey, Biological Resources Division

Perils of Emerging Diseases in Natural Areas (Sauganash Grand Ballroom East)

Emerging diseases of plants and animals are often associated with concerns for the health of humans and ecosystems, can require public education, and can influence how natural areas are managed. Symposium speakers will describe and discuss emerging and resurging disease conditions of plants and animals that are important to natural area managers (including ash and pine decline, emerald ash borer, amphibian decline, West Nile virus, chronic wasting disease) from local, federal and global perspectives.



Preserve System Design Symposium (Sauganash Grand Ballroom West)

Sponsored by the NAA Management and Technology Development Committee. Viability of the preserve systems that are being created throughout the world is critical. This symposium will focus on preserve design at all scales and will emphasize the ecological context and long-term viability as indicators of successful conservation efforts. Guest speakers and panelists will address preserve system design issues including eco-regional planning, ecological context, biological corridors, reserve design scope and scale (large vs. small) and economic feasibility. “Are theoretical preserve systems designs realistic socially and economically?” Join us in investigating some of these key conservation challenges.

Adaptive Management at Lockport Prairie (Western sStage House, 1:00 - 5:00)

Lockport Prairie Nature Preserve has the largest acreage of high quality dolomite prairie in Illinois, and harbors thirteen federal or state listed species. Studies of the hydrology, soils, plant community, and the federally listed Hine’s emerald dragonfly were undertaken to help design potential hydrologic restoration solutions that improve plant community quality and breeding habitat for the listed species, but avoid impacts to other listed species. Hydrologic monitoring results indicate the groundwater supply that supports these species is seriously threatened. Each presentation in this symposium provides a piece of the LPNP story, and will conclude with the challenges for maintaining LPNP’s ecological sustainability.

Federal Natural Areas Programs (The Bull’s Head)

This symposium will review several different natural area designations used by federal land management agencies, including Research Natural Areas, National Natural Landmarks, Wilderness Areas, and Areas of Critical Environmental Concern. The status of federal natural areas programs in different regions of the U. S. will be discussed. The session will emphasize current stewardship and administrative issues from a federal perspective. Papers will also be offered to celebrate the 40th anniversary of the landmark Wilderness Act. The symposium will be followed by a panel discussion, to answer your questions about these topics; this panel will conclude with a round of “Wilderness Trivia.”

Landowner Contact Workshop (Lake House)

Whether your job focuses on management, research, or preservation, at some time you need to talk to the landowner! Here’s a chance to learn the skills to do this part of your job more effectively. These sessions will have something for everyone from the basics, such as how to find out who the landowner is, to more advanced information for the landowner contact professional. These sessions will help the group think about emerging issues for the future and how to deal with them. We will also share “lessons from stories” for solving real life problems encountered.

Illinois Artisans Program Art Spree “Naturally” (Pre-Function Area, Wolf Point Ballroom, 15th Floor, Noon - 8:00 pm)

The Illinois Artisans Program, administered by the Illinois State Museum, focuses national attention on the rich heritage of the best designed and crafted traditional, contemporary, ethnic and folk art that exists in Illinois today. The artists will use their expertise in their medium to create exciting interpretations of nature, which will be the under riding theme of the spree. Media will include sterling silver, ceramics, fiber, photography, wood and stone. Pieces will be offered for sale to conference attendees and the general public. Please join us for an experience that will peak your senses and showcase the talented artisans of Illinois.

National Association of Exotic Pest Plant Councils Annual Meeting (Marquette Room, 16th Floor, 1:00 - 3:00 pm)

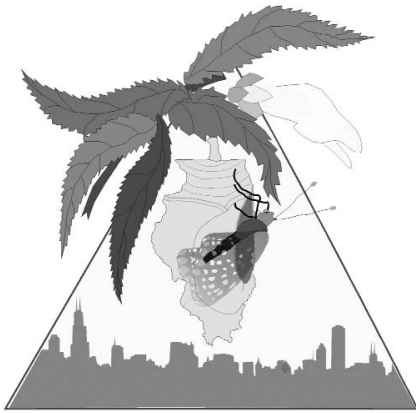
EPPC and Invasive Plant Council representatives will be convening at the National Association of Exotic Pest Plant Councils annual meeting. The focus of the meeting will be to establish organization structure as a 501(C)(3) and plan NAEPPC participation at the upcoming 2005 Weeds Awareness Week. The meeting is also open to others who are interested in EPPC.

Natural Areas Association Annual Meeting (Western Stage House, 5:00 pm)

Come and find out what the Association has been doing. Find out about future meetings and the current state of the Natural Areas Journal. Participate in the election of Natural Areas Association Board Members and Officers (Vice President and Treasurer) and approve the operating budget. Volunteer to help out. Give input to your Association.

Poster Session, Evening Social and Art Spree (Pre-Function Area, Wolf Point Ballroom, 15th Floor)

Posters will be displayed throughout the conference in the Wolf Point Ballroom. However, authors will be present with their papers during this time to answer questions about their work. Student Papers will be judged for the first ever Natural Areas Conference Student Poster Award, winners to be presented at the banquet on Friday night. Several local authors will have signed copies of their works available for sale. The Poster Session is in conjunction with the Evening Social and the Illinois Artisan Program’s Art Spree Naturally! Cash bar available.



Friday, October 15th

7:15 am - 9:30 am **Field Trip Check In.**

Field trip participants will need to check in 15 minutes prior to departure. Location of Check In will be announced prior to October 15. Box lunches will be available at the time of Check In. Please pick up your lunch and take it with you on your trip. Field trips will take place rain or shine. All field trips will return by 5:00 pm. **Remember to have fun!**

(Refer to your conference packet for field trip assignments and site specific information)

Departure Destination

7:30 am	Creative Solutions for Open Space
7:30 am	Fens: More than “Peat with Calcareous Seepage”
7:30 am	Middlefork Savanna/MacArthur Woods
7:30 am	Prairie Restoration in Kane County
8:00 am	Chicago River Canoe Trip
8:00 am	Dolomite Prairie Tour
8:00 am	Fox River Canoe Trip
8:00 am	Indiana Dunes National Lakeshore, Indiana
8:00 am	Lake Front Bike Tour
8:00 am	Pratt’s Wayne Woods Forest Preserve
8:30 am	Lake Renwick Heron Rookery Nature Preserve
8:30 am	Frank Lloyd Wright Home and Studio Architecture Tour

Departure Destination

8:30 am	Illinois Beach State Park
8:30 am	Clark and Pine Nature Preserve, Indiana
8:30 am	Cranberry Slough/Spears Woods
8:30 am	Midewin National Tallgrass Prairie
9:00 am	River Boat Architectural Tour of Chicago
9:00 am	Wolf Road Prairie Nature Preserve
9:00 am	Indian Boundary Prairies
9:30 am	Chicago Center for Green Technology
9:30 am	Preserving, Improving and Creating Natural Areas: Economic and Environmental Revitalization of the Calumet Region of Chicago
9:45 am	Field Museum: A Look Behind the Scenes

2004 Banquet at the John G. Shedd Aquarium

Friday evening’s banquet will be at the Shedd Aquarium, beautifully situated on the shores of Lake Michigan. The John G. Shedd Aquarium is the world’s largest indoor aquarium with nearly 19,000 aquatic animals representing 650 species of fishes, reptiles, amphibians, invertebrates, birds and mammals from waters around the world.

To take conference-provided buses, please meet in the hotel lobby at 6:00 pm. Buses will leave the hotel from 6:00 – 6:30 pm. The last bus will leave the hotel at 6:30 pm. If you are making your own travel arrangements to the Shedd Aquarium, please enter through the south doors (Group Entry Plaza) at 6:45 pm.

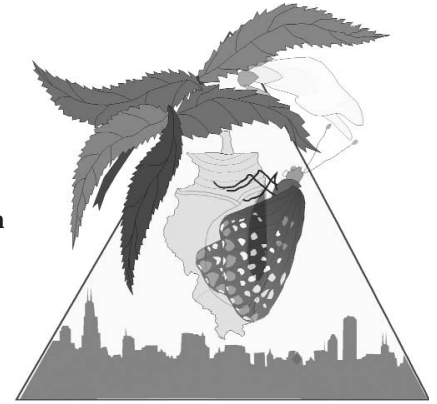
Our evening at the Shedd Aquarium begins at 6:45 pm in the Oceanarium viewing beluga whales, Alaska sea otters and Pacific white-sided dolphins. Large windows in the underwater viewing gallery of the Oceanarium offer guests face-to-face encounters with the whales and dolphins. Our group will assemble in the amphitheater at 7:15 pm for presentations of the Natural Areas Association’s Stewardship Award and the George B. Fell Award. Arthur Pearson, George B. Fell biographer, will present a brief overview of George B. Fell’s 45-year conservation career that began with the founding of The Nature Conservancy and led to writing legislation for the Illinois Nature Preserves System and the start-up of the Natural Areas Association and the Natural Land Institute.

At 8:00 pm we will move into the original Aquarium for a strolling buffet of carving and pasta stations, which will be open until 9:30 pm. The “Wild Reef – Sharks at the Shedd” exhibit will be available from 8:00 pm until 9:00 pm. The Wild Reef, eight years in the making, opened in 2003. We have the opportunity to explore a Philippine coral reef, the most diverse underwater ecosystem in the world. We will get a glimpse of island life through this multi-sensory, interactive exhibit of 26 interconnected habitats, 25 sharks, and the largest public display of live corals in the Midwest.

A narrated fish-feeding presentation will take place in the Caribbean Reef Rotunda from 9:15 – 9:30 pm. Self-guided viewing of the aquarium’s freshwater and saltwater exhibits and “Amazon Rising: Seasons of the River” are also available throughout the evening.

The Natural Areas Association’s annual silent auction will be open for bidding in the main foyer at 8:00 pm until it closes at 10:00 pm. Our evening will conclude with the Shedd’s dessert buffet and NAA’s live auction in the main foyer at 10:00 pm. Buses will depart from the Shedd from 10:30 – 11:00 p.m.

Saturday, October 16th.



Plenary Addresses (Sauganash Grand Ballroom, 14th Floor)

- 8:00 am **Merging Protection and Stewardship**
Brook MacDonald, Executive Director, The Conservation Foundation
- 8:30 am **Volunteers: The core of the culture that makes ambitious nature conservation and Chicago Wilderness work**
Stephen Packard, Director, Audubon - Chicago Region
- 9:00 am **Communicating Nature**
Michael Jeffords, Illinois Natural History Survey

Thinking Globally, Acting Locally: Managing Urban Natural Areas (Sauganash Grand Ballroom West)

Increasingly, management of publicly owned natural areas is occurring at the local level, instead of the federal or state level. This symposium will look at how natural areas are managed in urban environments, from large cities like Chicago, to smaller communities across the nation. We'll hear about a variety of approaches and issues, success stories and failures, and look for common themes that tie us all together. Costs for this symposium are underwritten by the City of Chicago, Department of the Environment.

Using our Partners' Strengths to Succeed as Natural Area Practitioners (Sauganash Grand Ballroom East)

This symposium will highlight the strengths of private organizations and public agencies in their mutual efforts in accomplishing private and public land protection. Focus will be on how each group can help the other to become more effective.

Educating About Nature (Steamboat Hotel)

The task of educating about nature and natural systems is becoming ever more important as each generation becomes further removed from contact with the natural world. This symposium will explore some of the diverse ways educators are using everything from Bioblitzes to Biocontrol to provide significant educational experiences for all citizens.

The Synergy of Invasive Species Programs and their Potential (Western Stage House)

No Natural Areas Conference would be complete without a discussion on exotic species. This symposium will include talks on Early Warning and Rapid Response programs, Coordination among Multiple Groups and/or agencies for targeted approaches, techniques of prevention, watershed scale control measures as well as specific talks on the management and control of exotic plants.

Preserve System Design Symposium (Merchant Hotel, 1:00 pm - 3:00 pm)

This is a continuation of the discussion started at Thursday's Symposia (see Thursday for description). Sponsored by the NAA Management and Technology Development Committee.

Volunteer Stewardship Network Displays (Pre-Function Area, Wolf Point Ballroom, 15th Floor, 8:00 am - 5:00 pm)

Volunteer groups will present displays of their activities all day Saturday in the Wolf Point Room. This will be a chance for participants in the conference to see the efforts of Illinois' premier volunteer stewardship groups.

First annual meeting of the Midwest Invasive Plant Network (Marquette Room, 16th Floor, 11:30 am - 1:00 pm)

Everybody interested in coordinating invasive plant efforts across state lines in the Midwest is welcome. You will have ample opportunity to provide input on the direction MIPN takes and input on the projects we take on.

Volunteer Stewardship Network Roundtable (Marquette Room, 16th Floor, 2:00 pm - 5:00 pm)

Join us for a roundtable hosted by the Volunteer Stewardship Network (VSN). This roundtable will be an opportunity to meet volunteers who are doing stewardship at natural areas across Illinois and will include an update on what is happening within the Network and an informal discussion of invasive species including control and management techniques.

	Sauganash West	Sauganash East	Merchant Hotel
	Symposium: Preserves System Design. <i>Moderator: Peter Colverson</i>	Symposium: Perils of Emerging Diseases in Natural Areas. <i>Moderator: Dan Ludwig</i>	Contributed Papers: Grassland and Savanna Restoration. <i>Moderator: Dan Dirk</i>
10:00	Identifying and protecting ecological networks in the southeastern United States. <i>Tom Hctor, Margaret Carr, and Paul Zwick</i>	Global ecological change and human and zoonotic disease emergence. <i>Jonathan A. Patz</i>	Remnant dune and swale restoration in Lake County, Indiana. <i>Nicole M. Kalkbrenner</i>
10:30	Reserve design as a tool to evaluate a large scale acquisition process: F-tract and the Florida Forever Program. <i>John Oetting (with Amy L. Knight and Gary R. Knight)</i>	Ecology and epidemiology of wildlife diseases. <i>Nohra E. Mateus-Pinilla</i>	Rotational grazing of Scottish Highland cattle for shrub management in oak savanna restoration. <i>John A. Harrington and Emily Kathol</i>
11:00	Science, politics, opportunism, and the emergent geography of conservation in California. <i>Frank Davis</i>	Emerging diseases: The USDA-APHIS Wildlife Services perspective. <i>Jane M. Weiskittel</i>	Seed dispersal by birds and woody encroachment of sand prairie. <i>Dan Wenny, Joan Harmet and Randy Nyboer</i>
11:30		Lunch	
	Symposium: Preserves System Design. <i>Moderator: Vickie Larson</i>	Symposium: Perils of Emerging Diseases in Natural Areas. <i>Moderator: Joe Kath</i>	Contributed Papers: Grassland and Savanna Restoration. <i>Moderator:</i>
1:00	How much is enough? A review of nomenclature targets and architecture of conservation planning. <i>Leona K. Svancara, Ree Brannon, J. Michael Scott, Craig R. Groves, Reed F. Noss and Robert L. Pressey</i>	Status of chronic wasting disease in Illinois' White-tailed deer population. <i>Paul Shelton</i>	Relationship between fire frequency and long-term changes in eastern tallgrass prairie vegetation. <i>Marlin Bowles and Michael Jones</i>
1:30	Thinking globally, acting locally: Defining global priorities for viable and representative preserve systems. <i>Jonathan M. Hoekstra</i>	West Nile Virus: The mosquito and the wildlife component. <i>Robert J. Novak</i>	Chicago Wilderness proposed seed philosophy and guidelines. <i>Laurel M. Ross</i>
2:00	Conservation for the future: A vision with grass roots. <i>John F. Organ</i>	West Nile Virus: Epidemiology and public health response. <i>Linn David Harmis</i>	Establishment and persistence of prairie species at varying seeding densities. <i>Amy Martin, John Harrington, and Steve Swenson</i>
2:30	Symposium: Preserves System Design. <i>Moderator: Peter Colverson and Vickie Larson</i>	Amphibians as sentinels of environmental quality and change, and amphibian population declines. <i>Kathryn A. Converse and D. Earl Green</i>	Screening <i>Festuca paradoxa</i> and other native cool season grasses for native plantings. <i>Nadia Navarrete-Tindall, Larry Mechlin and J.W. Van Sambeek</i>
	Panel Discussion: The invited speakers from the day's symposium, along with plenary speaker J. Michael Scott, will convene in a moderated panel discussion regarding the issues and challenges related to preserve system design. These issues include planning, system viability, and economic feasibility, as well as the social, cultural, and legal instruments necessary for these systems to persist in perpetuity. Attendees will be encouraged to ask questions (in writing or verbally) and share issues with the panel. Door prizes will be offered to participants. Some key questions will include: "Are theoretical preserve systems designs realistic socially and economically?", "Can viability be predicted for any project?", "Should viability be used to guide decisions about the allocation of financial resources?". Please attend, share, and learn from these talented guests.	Symposium: Perils of Emerging Diseases in Natural Areas. <i>Moderator: Dan Ludwig</i>	Contributed Papers: Grassland and Savanna Restoration. <i>Moderator: Jennifer Filipiak</i>
3:00		The international trade in wildlife: Disease and conservation issues. <i>Tonie E. Roche, F. Joshua Dein and Milton Friend</i>	Prairie on the move: Salvaging doomed prairie vegetation by relocating sods in Arkansas and Illinois. <i>Theo Witsell, and Mary Ochsenschlager</i>
3:30		Ash and Pine decline in Illinois. <i>Jim Appleby</i>	Creating large prairie restorations that work for grassland birds. <i>John Elliott and Judy Pollock</i>
4:00		Emerging diseases of forest trees. <i>Manfred E. Mielke</i>	The restoration of denuded natural grazing areas in the Nama Karoo of South Africa: An evaluation of different techniques. <i>Nelmarié Visser and Johannes C. Botha</i>
4:30		Emerald Ash Borer: Northeastern Illinois' monitoring program. <i>Thomas E. Dilley</i>	Success with low-labor, low-disturbance methods on 15 large private restorations. <i>George D. Johnson</i>

	Steamboat Hotel	American House	Shakespear Hotel
	Contributed Papers: Plant Community Monitoring. Moderator: Diane Tecic	Contributed Papers: Animal Species Conservation. Moderator: Vernon LaGesse	Contributed Papers: Encompassing the Human Aspect in Natural Area Stewardship. Moderator: Jim Anderson
10:00	Testing the efficacy of species richness and floristic quality assessment of quality, temporal change, and fire effects on prairie natural areas. <i>Marlin Bowles and Michael Jones</i>	Avian population responses to restoration in a suburban landscape. <i>Scott M. Meister, Cindy Hedges and Rachel A. Reklau</i>	Charting the course for the 21st Century - ecological needs assessment of the Forest Preserve District of Cook County. <i>Deborah Antlitz</i>
10:30	Implications of sampling dates for floristic inventories. <i>Barbara A. Johnson</i>	Evaluating conservation value of avian communities along a gradient of degraded oak savanna. <i>Ralph Grundel and Noel B. Pavlovic</i>	Restoring urban natural areas: "Wicked" policy conflicts in San Francisco. <i>Paul H. Gobster</i>
11:00	The synecological cohesion rapid assessment method (SCRAM). <i>John J. Sabuco</i>	The role of protected areas in the conservation of avifauna on the Daurian Steppe, Mongolia. <i>Will Wilson and Julie Rosenthal</i>	Restoration in an urban environment: Rock Run Greenway. <i>Floyd Catchpole</i>
11:30		Lunch	
	Contributed Papers: Plant Community Monitoring. Moderator: Ken Klick	Contributed Papers: Animal Species Conservation. Moderator: Mary Kay Solecki	Contributed Papers: Encompassing the Human Aspect in Natural Area Stewardship. Moderator:
1:00	The Chicago Wilderness woods audit. <i>Karen Glennemeier</i>	Habitat associations, faunal change, and the relevance of <i>Lepidoptera</i> towards understanding conservation priorities on the southern New England sandplain. <i>Paul Z. Goldstein, Lloyd Raleigh, Tim Simmons and Michael Nelson</i>	Prescription burning within the Forest Preserve District of Cook County. <i>John McCabe and John E. Raudenbush</i>
1:30	Twenty-five years of tree demography changes in DuPage County, Illinois woodlands. <i>Scott N. Kopal, Wayne A. Lampa and Erik M. Neidy</i>	Little bluestem and violet populations at Sand Ridge State Forest, Mason County Illinois: Implications for rare butterfly survival. <i>Vernon LaGesse, William McClain, Charlene Falco and James Wiker</i>	Management of tidal freshwater marshes along the U.S. Southeast coast. <i>Daniel L. Tufford, B. Joseph Kelley, James T. Morris</i>
2:00	The vegetation of Mount Forest Island and its recent collapse of plant diversity. <i>Dennis Nyberg</i>	Blanding's turtle (<i>Emydoidea blandingii</i>) recovery program in DuPage County, Illinois. <i>Daniel Thompson, Rose Augustine, Sandy Woltman, Karen Higgs, and Colleen Pawlicki</i>	Identifying and managing archaeological resources at Natural Land Institute's Nygren Wetland Preserve. <i>Sara L. Pfannkuche and Rochelle Lurie</i>
2:30	Groundlayer vegetation gradients across oak woodland canopy gaps. <i>Noel B. Pavlovic and Ralph Grundel</i>	Ecology of the ornate box turtle (<i>Terrapene ornata</i>) in a Northwest Illinois sand prairie. <i>Randy W. Nyboer</i>	Past, present and future: Natural areas preservation and the Coffee Creek Watershed Conservancy, Inc. <i>Steven B. Barker</i>
	Contributed Papers: Plant Community Monitoring. Moderator: Todd Bittner	Contributed Papers: Animal Species Conservation. Moderator: Scott Ballard	Contributed Papers: Encompassing the Human Aspect in Natural Area Stewardship. Moderator:
3:00	Pre-European settlement vegetation of the Chicago Region. <i>Jenny McBride and Marlin Bowles</i>	Lake Renwick Heron Rookery Nature Preserve nesting island remediation. <i>David Robson</i>	Morgan Shoal Natural Area: Successful public participation for an urban habitat creation project. <i>Mark R. Wagstaff and Vasile Jurca</i>
3:30	Analysis of historical vegetation patterns in the eastern portion of the Illinois Lesser Shawnee Hills, USA. <i>Suzanne L. Jones and Roger C. Anderson</i>	Home range and movement of the Eastern Massasauga from the Lake Carlyle Region, Clinton County, Illinois. <i>Michael J. Dreslik, Christopher A Phillips, and Donald B. Shepard</i>	Joliet's Autobahn race course keeps conservation on track: A rare opportunity to increase natural areas within a rapidly urbanizing area. <i>Rick K Suttle</i>
4:00	The lichen flora of the Will County Forest Preserves, Will County, Illinois. <i>Richard D. Hyerczyk</i>	Endangered species advocacy: Franklin's ground squirrel, a case study. <i>Oliver R. W. Pergams and Dennis W. Nyberg</i>	Fort Ridgley State Park golf course redesign: Natural areas restoration opportunities and challenges at a historic civil war era battle site in South-Central Minnesota. <i>Paul J. Bockenstedt</i>
4:30	Rare, threatened, and endangered plant species survey at two forest preserve properties near Braidwood, Illinois. <i>Scott A. Namestnik and Nicole M. Kalkbrenner</i>	Tiger conservation in India - present scenario. <i>Netrapal S. Chauhan</i>	Case study: Frankfort Prairie Park -native landscaping and restoration management in municipal parks and residential development, Frankfort, Illinois. <i>Clayton Wooldridge</i>

	Lake House	Western Stage House	The Bull's Head
	Landowner Contact Workshop: Landowner Contact for the Natural Area Biologist. Moderator: Brian Reilly	Contributed Papers: Animal Reintroductions. Moderator: Randy Nyboer	Symposium: Federal Natural Areas Programs. Moderator: J. Stephen Shelly
10:00	<p>Skills Building Workshop: Have you ever been in a high-quality forest or prairie and wondered who owns it, or have said to yourself " Someone should contact the owner about preserving it?" If you have, you should attend this session. This workshop will cover: how to find property owners, how to do background work before a visit, how to initiate contact, some do's and don'ts for landowner visits, and provide some good tips once your foot is in the door.</p> <p>Panelists include: Mary Kay Solecki, Dan Lobbes</p>	Bring them back alive: The return of the swamp metalmark butterfly to Illinois. <i>Doug Taron</i>	Research Natural Areas in the USDA Forest Service: Status, issues, and opportunities. <i>J. Stephen Shelly</i>
10:30		Eastern woodrat reintroduction and translocation in Southern Illinois. <i>Brian Novosak, Tim Carter, Aaron Poole, Brad Steffen, and George Feldhamer</i>	The role of Research Natural Areas in National Forest management: Perspectives from the Eastern Region. <i>Don Meyer</i>
11:00		Reintroduction of the Golden lion tamarin (<i>Leontopithecus rosalia</i>) as a tool to the species and its habitat conservation: The Atlantic forest, Brazil. <i>Denise Marçal Rambaldi, Andréia Martins, Rosan Valter Fernandes</i>	Fire, water, and four-wheelin': Contemporary issues in California RNA management. <i>Hugh Safford and Connie Millar</i>
11:30		Lunch	
	Landowner Contact Workshop: Emerging Issues in Land Protection. Moderator: Judy Faulkner Dempsey	Symposium: Adaptive Management at Lockport Prairie. Moderator: Jeff Mengler	Symposium: Federal Natural Areas Programs. Moderator: J. Stephen Shelly
1:00	<p>Enhancing Possibilities and Overcoming Perils. This Skills Building Workshop is designed for the new landowner contact recruit or the seasoned professional. As society has changed, so has the face of land protection. Perils: the next generation of landowners, threats-are they really preserved?, exotics, development encroachment, ATV's, equestrian issues, politics, and educating the public. Possibilities: focal areas of preservation, using development projects to your benefit, greater agency coordination, neighbor and volunteer involvement, and a wider range of programs.</p> <p>Panelists include: Yu Man Lee, Deb Newman, Kim Shannon, Steven Byers</p>	Lockport Prairie Nature Preserve - an overview of 20 years of Natural Area restoration and new threats to ecosystem stability. <i>Marcella DeMauro</i>	The role of Natural Areas in National Forest Plans: A case study from the Chequamegon-Nicolet National Forest, Wisconsin. <i>Linda Parker</i>
1:30		Life history and ecology of the Hine's emerald dragonfly: What a Federally-listed Endangered Species can tell us about the conservation of wetlands. <i>Daniel A. Soluk</i>	The National Natural Landmarks Program: Crafting a conservation program to meet changing needs. <i>Margaret Brooks</i>
2:00		Using digital temperature loggers to assess streamlet drying at Lockport Prairie: A new tool for quantifying wetland hydrology. <i>Kristi Moss, John D. Hoekstra and Daniel A. Soluk</i>	Symposium: Federal Natural Areas Programs. Moderator: Eric Finstick
2:30		Status and management of the state endangered spotted turtle in the lower Des Plaines valley. <i>David Mauger and Thomas P. Wilson</i>	Wilderness and other Natural Area Designations in the BLM. <i>Eric Finstick</i>
	Landowner Contact Workshop: Lessons From Stories on Land Protection. Moderator: Deb Newman	Symposium: Adaptive Management at Lockport Prairie. Moderator: Marcella DeMauro	
3:00	<p>The presenters of this Skills Building Workshop are YOU! Here we will all teach and learn from sharing stories that exemplify various land preservation techniques and principles. Stories can often illustrate a principle in an emphatic, memorable, and enjoyable way. Skills necessary for negotiating various types of land preservation, both formal and informal will be learned...all through the use of Stories. Come ready to tell your landowner contact/land preservation story and the lesson you learned from your experience in land protection.(Story Time will be limited by the number of participants, so all will have a chance to speak) Come join this perennially popular format of learning.</p>	Status and population trends of the Federal Endangered Leafy prairie clover, Lockport Prairie Nature Preserve. <i>Rebecca Key</i>	Economics of Wilderness. <i>Pete Morton</i>
3:30		Gap analysis - a systems approach for integrated scientific and jurisdictional analysis and decision making for complex natural systems. <i>Dominic Kempson</i>	Wilderness and the Southern Rockies Ecosystem Project. <i>Vera Smith</i>
4:00		Lockport Prairie Nature Preserve: Land use impacts on aquifer systems and the implications on the sustainability of ecosystems. <i>Brent P. Michalek</i>	Symposium: Federal Natural Areas Programs. Moderators: Eric Finstick and J. Stephen Shelly
4:30		Implications for the sustainability of Lockport Prairie Nature Preserve as a high quality Natural Area. <i>Marcella DeMauro</i>	Panel Discussion: A open discussion of federal Natural Areas program issues. Potential discussion topics include: collaboration between federal, state, and local Natural Area programs, and the future political climate for Wilderness designation. The panel will conclude with a round of "Wilderness Trivia."

Poster Session Thursday, October 14th: 7:00pm - 9:00pm

Low allozyme diversity in small populations of a commercially valuable plant, American ginseng. *M. Rebecca Anderson and Sabine S. Loew*

The effects of anthropogenic disturbance and sub-canopy vegetation on foraging activity in bats. *Juanita K. Armstrong, John Yunger and Stan Gehrt*

Timber rattlesnake and habitat protection in Illinois: Guidelines to follow. *Scott R. Ballard*

Seeds of success: Ex situ conservation of native prairie plants. *Rachel Cook, Heather Lynn Lindon, and Kayri Havens*

Can habitat measurements predict beaver abundance on Illinois rivers? *Daniel R. Cox and Thomas A. Nelson**

Progress update: Indiana purple loosestrife biological control. *John Ervin, Richard Dunbar, Josh Grubaugh and Nathan Simons*

Status of kudzu in Illinois: Building a framework for eradication. *Terry L. Esker, J. Shimp, W. E. McClain, B. Edgin, J. Ebinger, and A. Young*

Population dynamics and habitat analysis of rare species, *Trifolium reflexum*, in the northern portion of its range. *Kari M. Foster, Beth A. Middleton and Sedonia Sipes**

Indian Creek Re-Meandering and Natural Channel Design. *Ted R. Gray*

Improving urban ecosystems for the wildlife. *Simón Guerrero*

Reverse fertilization reduces soil nitrate, does not affect species composition in tall-grass prairie. *Erin L. Haase and Dennis W. Nyberg**

Initial establishment of native trees and shrubs in a reed canary grass monoculture. *Stephen M. Hovick**

The research committee of the Midwest Invasive Plant Network (MIPN): A quest to collect and collate research being conducted on invasive plants throughout the Midwestern United States. *Lara Jefferson, Marcello Pennacchio and Kayri Havens*

Illinois Natural Heritage Database: Tracking Natural Areas and other resources in Illinois. *Tara Gibbs Kieninger*

Developing a U.S. national invasive plant list: Initial results. *Terri Killeffer*

Proliferation of common buckthorn (*Rhamnus cathartica*) in Midwestern wetlands. *Jessica S. Kurylo*

Forest fragmentation and the increase of woody vines in temperate Wisconsin forests. *Ron A. Londré and Stefan A. Schnitzer**

Fourteen years of monitoring white-tailed deer impacts on herbaceous vegetation at Waterfall Glen Forest Preserve, Dupage County Illinois. *Daniel R. Ludwig, Scott N. Kobal, and Rachel A. Reklau*

Influence of lakeshore development along Lake Superior on breeding bird and small mammal diversity. *Michelle T. Manarolla, David J. Flaspohler*"*

The Midwest Invasive Plant Network (MIPN): A new regional group for invasive plants in the Midwest. *Anne Mankowski*

Plants of concern: Volunteers monitor rare species in a standardized regional program (Northeast Illinois). *Susanne Masi and Lailah Reich*

Relationships among area, isolation, site quality, and plant species composition in forested wetlands. *Jeffrey W. Matthews, Paul A. Tessene, Scott M. Wiesbrook and Bradley W. Zercher*

An early detection and rapid response network to limit the spread of new invasive exotic species in the Chicago Wilderness region. *Debbie A. Mauer, Karen L. Billo, and Ed DeWalt*

Illinois Rare Plant Task Force. *Patti Reilly, John Wilker, Todd Bittner, and Ben Dolbear*

The role of protected areas in conserving rare heritage breeds of livestock in inner asia. *Julie Rosenthal*

Prescribed fire benefits rare species viability in several Florida plant communities. *Jodi L. Slapcinsky, Doria R. Gordon, Alison Higgins, B. Pace-Aldana, and Greg Seamon*

Effects of prescribed fire and leaf litter removal on a population of *Collinsia violacea* (Scrophulariaceae), an endangered species in Illinois. *Eric L. Smith and John B. Taft*



Restoration goals for the ecological structure and composition of vegetation of a degraded sand prairie. *Amy J. Symstad*

The impacts of mountain biking on wildlife and people—a review of the literature. *Michael J. Vandeman*

Effects of light intensity and plant growth regulators on the propagation of Patterson bindweed (*Stylisma pickeringii*) by cuttings. *Kristopher R. Vander Meer, and Janice M. Coons**

Range expansion of the Eurasian collared-dove in Illinois. *Jeff W. Walk, Terry L. Esker and Amy J. Young*

Effects of mowing time and frequency on reproductive success of cut-leaved teasel. *Robert N. Wiedenman and Susan Post*

Effects of seed dispersal and patch growth of teasel (*Dipsacus laciniatus*). *Robert N. Wiedenman and Susan Post*

Invasion and displacement of native vegetation by *Rhamnus cathartica*: toward a mechanistic understanding. *Jennifer M. Winkelmann, Gretchen Meyer, James Reinartz and Stefan A. Schnitzer**

* Indicates that the poster is eligible for the 1st Annual Student Poster Award to be presented at the Banquet on Friday evening. Stop by and give the students some encouragement.

The Poster session will be held in conjunction with the Illinois Artisans Art Spree “Naturally” and an evening Social on Thursday, October 14th in the Wolf Point Ballroom, 15th Floor.

	Sauganash West	Sauganash East	Merchant Hotel
	Symposium: Thinking Globally, Acting Locally: Managing Urban Natural Areas. <i>Moderator: Geoff Bradley</i>	Symposium: Using our Partners' Strengths to Succeed as Natural Areas Practitioners. <i>Moderator: Lisa Smith</i>	Contributed Papers: Statewide Program Perspectives. <i>Moderator: Todd Strole</i>
10:00	San Francisco CA - Natural Areas in San Francisco: Coping with what is left. <i>Lisa Wayne</i>	Successful partnerships between land trusts and government. <i>Brian Reilly</i>	Public lands program - a TNC initiative to advocate the protection and stewardship of publicly owned portfolio sites in Illinois. <i>Carl N. Becker</i>
10:30	Eugene OR - Natural resource management in the West Eugene Wetlands. <i>Trevor Taylor</i>	Stewardship: The missing link for land trusts (Part 1). <i>Jill Arango</i>	The Illinois Natural Areas Inventory: Lessons learned in landscape preservation. <i>Patti Reilly</i>
11:00	Boulder CO - Preserving Natural Areas and urban quality of life in Boulder. <i>Lynn Riedel</i>	Stewardship: The missing link for land trusts (Part 2). <i>Margaret (Peg) Kohring</i>	Natural Heritage programs and state wildlife agencies: A lesson in ecosystem management. <i>K. Andrew West</i>
11:30		Lunch	
	Symposium: Thinking Globally, Acting Locally: Managing Urban Natural Areas. <i>Moderator: Lynn Riedel</i>	Symposia: Using our Partners' Strengths to Succeed as Natural Areas Practitioners. <i>Moderator: Pene Speaks</i>	Symposium: Preserve System Design. <i>Moderator: Peter Colverson</i>
1:00	Bellevue WA - Open space management in Bellevue: An ecosystem approach. <i>Geoff Bradley</i>	Playing to our strengths: Linking science and stewardship. <i>Reid Schuller and Daniel Salzer</i>	A non-regulatory tool for coastal community growth management and successful conservation: Archie Carr National Wildlife Refuge land acquisition initiative. <i>Duane E. De Freese and Vickie Larson</i>
1:30	St. Charles IL - Natural Areas in St. Charles. <i>Mary Ochsenschlager</i>	Protecting the land we protect. <i>Nate Fuller</i>	Natural Connections: Green infrastructure in Wisconsin, Illinois, and Indiana. <i>Joyce O'Keefe, Karen Hobbs, Peter Haas and Richard H. Acker</i>
2:00	Toronto ON - City of Toronto parkland and ravine restoration. <i>Cara Webster</i>	Volunteer Stewardship Network Steering Committee: Supporting the role of volunteers in Natural Areas management. <i>Bob Szafoni</i>	Biological conservation and adaptive management of coastal habitats in Southeastern Massachusetts. <i>Tim Simmons, and Paul Z. Goldstein</i>
2:30	Ann Arbor MI - Rallying the troops in Ann Arbor. <i>Dave Borneman</i>	LandKeepers: A model for land stewardship. <i>Steven I. Apfelbaum</i>	TBA
	Symposium: Thinking Globally, Acting Locally: Managing Urban Natural Areas. <i>Moderator: Dave Borneman</i>		Contributed Papers: It Takes a Community. <i>Moderator: Vickie Larson</i>
3:00	Indianapolis IN - Land stewardship of parks and greenways in Indianapolis. <i>Don Miller</i>	The Green Seattle Partnership: A public private (non-profit) partnership of the City of Seattle, the Cascade Land Conservancy and the community to restore and sustain Seattle's public forests. <i>Pieter Bohlen</i>	Kansas City wildlands: Bringing partners to the table and the mission to the public. <i>Linda Lehrbaum and Roberta Vogel-Leutung</i>
3:30	Madison WI - Madison's conservation parks. <i>Russ Hefty</i>	Symposium: Using our Partners' Strengths to Succeed as Natural Areas Practitioners. <i>Moderator: Laurel Ross</i>	Leaders explore natural areas (LENA): Engaging communities in the protection, management and stewardship of state natural areas. <i>David Clutter</i>
4:00	Miami-Dade FL - 15 years of managing Natural Areas in Miami-Dade County. <i>Joe Maquire</i>	Panel Discussion: An opportunity for participants to further explore the topics brought forth by the presenters which highlight the importance of natural areas stewardship, effective stewardship programs and successful land protection and land stewardship partnerships and strategies. The intended format of this session will be roundtable with an emphasis on information sharing, further question and answer with presenters and discussion that focuses on issues for future work and/or collaboration.	The need for a holistic approach to decisions affecting the Fox River watershed, Illinois. <i>David J. Horn</i>
4:30	Chicago IL - Putting nature back in the big city. <i>David Wachtel and Mary Van Haften</i>		

	Steamboat Hotel	American House	Shakespear Hotel
	Symposium: Educating about Nature: Comprehensive Model for Invasive Species Education. Moderator: Susan Post	Contributed Papers: Perspectives in Sustainability. Moderator: Abi Rome	Contributed Papers: Community Monitoring II. Moderator:
10:00	Purple loosestrife-It's not a weed, it's education! <i>Susan Post</i>	Florida's land management review team program and its potential to improve land management. <i>William G. Howell</i>	Arthropod monitoring in forest, wetlands, and grasslands across Illinois. <i>Adam Wallner, Brenda Molano-Flores and Christopher H. Dietrich</i>
10:30	Beetles educate (Part 1). <i>Susan Leader</i> Beetles educate (Part 2). <i>Robert Keck</i>	Participatory governance for sustainable management of natural resources in the Great Limpopo Transfrontier Park: The case of Parque Nacional Do Limpopo, Mozambique. <i>Camilo Nhancale</i>	Long-term vegetation monitoring for Northern Great Plains National Parks. <i>Amy J. Symstad</i>
11:00	The beetle saga continues (Part 1 - the homeowner). <i>Tim Pasternak</i> The beetle saga continues (Part 2 - the online course). <i>Robert Weidenmann</i>	Collaborative conservation: Protected areas, representativeness, and first nations in British Columbia. <i>Joleen A Timko</i>	Gauging restoration authenticity and conservation value using plants, insects, birds, amphibians, and reptiles of conservation concern. <i>Ron Panzer</i>
11:30		Lunch	
	Symposium: Educating about Nature: K-12 Moderator: Carol Fialkowski	Contributed Papers: Perspectives in Sustainability. Moderator: John Nelson	Contributed Papers: Community Monitoring II. Moderator: Kim Roman
1:00	Putting service learning to work to achieve resource management goals. <i>Kim Swift and John Hayes</i>	Conservation to benefit previously disadvantaged communities AND private landowners with emphasis on De Hoop Nature Reserve, South Western Cape, South Africa. <i>Tierck Hoekstra</i>	Limits to herb layer recovery in a suburban forest fragment. <i>Andrew R. Holdsworth, Lee E. Frelich, Peter B. Reich</i>
1:30	Linking education and Natural Area stewardship. <i>John Elliot</i>	The status of community-based conservation adjacent to ecological reserves in the northern Andes of Ecuador. <i>Todd Randall, Will Wilson, Julie Rosenthal and Rodney Fuentes</i>	Can forest plant communities recover from overabundant deer populations? <i>Jennifer A. Griggs, Christopher R. Webster, Janet H. Rock and Michael A. Jenkins</i>
2:00	Urban youth exploring Illinois' Natural Areas. <i>Peggy Steward</i>	Preserving the natural sound environment in National Parks. <i>Richard D. Horonjeff</i>	Forest recovery on North Manitou Island: Is restoration necessary? <i>Peter M. Hurley and David J. Flaspohler</i>
2:30	Involving students in Natural Areas preservation: Models for elementary, middle and high school. <i>Sasha Kerlow</i>	Habitat restoration in South Florida: Four case studies. <i>William M. Helfferich and Beth Kacvinsky</i>	Tracking the continued decline of the Eastern Massasauga (<i>Sistrurus C. catenatus</i>), in Illinois. <i>Christopher A. Phillips, Michael J. Dreslik, and Donald B. Shepard</i>
	Symposium: Educating about Nature: BioBlitz as Education. Moderator: Susan Post	Contributed Papers: Invasive Species Management. Moderator:	Contributed Papers: Community Monitoring II. Moderator:
3:00	The Calumet BioBlitz. <i>Mary Beth Prondzinski</i>	Sheetmulching: Eradicating weeds, compacted soils and Round-up from restoration ecology. <i>G. Jeremiah Schewe</i>	Saproxyllic beetles (<i>Coleoptera</i>) on public lands: Diversity in relation to forest type. <i>Michael D. Warriner, T. Evan Nebeker, Steven A. Tucker and Terence L. Schiefer</i>
3:30	Panel Discussion: So you want to organize a BioBlitz? How to, problems and potential solutions for a successful 24 hours.	Control of Chinese yam (<i>Dioscorea oppositifolia</i>) within the biologically significant Lusk Creek Watershed, Pope County IL, USA. <i>Jody P. Shimp and Bob Gillespe</i>	Macrofungi appear resilient to prescribed burning in oak woodlands: A case study near Chicago. <i>Patrick R. Leacock, Gregory M. Mueller and John Paul Schmit</i>
4:00	Panelists include: Carol Fialkowski, Michael Jeffords and others.	Prospects for biological control of teasel (<i>Dipsacus</i> spp.) <i>Robert N. Wiedenman and Brian G. Rector</i>	Tallgrass patches in Quetico Provincial Park: A geographic and floristic analysis. <i>Findlay H. MacDermid, Daniel G. Mackle, and Will Wilson</i>
4:30		Variation in photosynthetic rate of garlic mustard (<i>Alliaria petiolata</i>). <i>Roger C. Anderson and Caroline V. Myers</i>	The effects of climate change on the grasslands of Quetico Provincial Park. <i>Findlay H. MacDermid, Daniel G. Mackle, and Will Wilson</i>

Lake House		Western Stage House	The Bull's Head
Contributed Papers: Rare Plant Conservation. Moderator: Susanne Masi		Symposium: The Synergy of Invasive Species Programs and their Potential. Moderator: Jody Shimp	Contributed Papers: Wetland Restoration. Moderator: Terry Esker
10:00	Recovering the eastern prairie fringed orchid with volunteers: A partnership between the U.S. Fish and Wildlife Service and The Nature Conservancy. <i>Kristopher J. Lah</i>	The National Park Service exotic plant management team (EPMT) program. <i>Carmen T. Chapin</i>	Marsh tectonics: Using wire and snow fence to restore emergent marshland in Yahara River flowage at Cherokee Marsh. <i>Russ Hefty</i>
10:30	Crossing effects on seed viability, germination and protocorm growth of the federal threatened Eastern prairie fringed orchid (<i>Platanthera leucophaea</i>). <i>Timothy Bell, Marlin Bowles, Lawrence Zettler and Sarah Poulter</i>	Prioritizing sites invaded by exotic plants for restoration. <i>Ron Hiebert, Pamela Benjamin and Amy Richey</i>	Restoration of wetland/grassland complexes in highly disturbed landscapes. <i>John O'Leary, Rebecca Key and Dave Robson</i>
11:00	Preliminary results of the effects of hand pollination of the federally threatened Western prairie fringed orchid (<i>Platanthera praeclara</i>). <i>Kathryn E. Theiss, Pati Vitt and Kathleen Edmonds</i>	Federal approach to invasive species control: The Midwest natural resource managers garlic mustard project. <i>John P. Perrecone</i>	Hydrologic changes accompanying invasive plant removal at Prairie Creek, Midewin National Tallgrass Prairie. <i>Geoffrey Parish, Ronald L. Hopp and Joseph Roth</i>
11:30	Lunch		
Contributed Papers: Rare Plant Conservation. Moderator: Lara Jefferson		Symposium: The Synergy of Invasive Species Programs and their Potential. Moderator: Debbie Maurer	Contributed Papers: The Volunteer Experience. Moderator:
1:00	Responses of the federally-threatened prairie bush clover (<i>Lespedeza leptostachya</i>) to experimental grazing and burning at Nachusa Grasslands, Lee County, Illinois. <i>R. Todd Bittner, P. Vitt and B. Kleiman</i>	Developing a U.S. national invasive plant list. <i>Terri Killeffer</i>	Recruiting and managing large groups of stewardship volunteers. <i>Tom Smith</i>
1:30	The effects of management on population rank in four regionally rare plant species. <i>Pati Vitt, Leslie Brandt, Lailah Reich, Kathryn Theiss and Susanne Masi</i>	So which is the worst? Assessing invasive plants in Indiana. <i>Ellen Jacquart</i>	The Illinois volunteer lake monitoring program: 24 years young and growing. <i>Holly L. Hudson and Sandy Nickel</i>
2:00	Factors that affect pollen limitation in fragmented populations of the common prairie perennial the narrow-leaved purple cone-flower (<i>Echinacea augustifolia</i>). <i>Jennifer L. Ison and Stuart Wagenius</i>	Industry participation in state invasive plant council policy. <i>Barbara Barrett Lucas</i>	Creating a report card for stream quality using volunteer-collected data. <i>David S. Baker</i>
2:30	Reproductive biology, genetic diversity, and hybridization in Sullivant's cone-flower (<i>Rudbeckia sullivantii</i>)(AIT.), a USDA Forest Service sensitive species. <i>Lynne Elrick, Brenda Molano-Flores and Jason Koontz</i>	Attempts to control the introduction of exotic species into Illinois. <i>Ben L. Dolbeare</i>	Can volunteers do the job? Comparing volunteer and professional data from Illinois streams. <i>Alice L. Brandon and Steve M. Pescitelli</i>
Contributed Papers: Rare Plant Conservation. Moderator: Todd Bittner		Symposium: The Synergy of Invasive Species Programs and their Potential. Moderator: Anne Mankowski	Contributed Papers: Stream Restoration. Moderator: Patti Reilly
3:00	Status of the silvery bladderpod (<i>Lesquerella ludoviciana</i>): An Illinois endangered species on the edge. <i>Janice M. Coons, Henry R. Owen, Thomas M. Over, and Vincent P. Gutowski</i>	Nipping 'em in the bud: A program to stop new invasive plants in Wisconsin. <i>David J. Eagan</i>	A geomorphology approach to stream restoration in an urban environment. <i>Leslie A. Berns and Steven W. Belz</i>
3:30	Rediscovery of the rare yellow wild indigo (<i>Baptisia tinctoria</i> , Fabaceae) in East Central Illinois: Can hybridization jeopardize this discovery? <i>Mary Ann Feist, Jason Koontz, Connie Carroll and Brenda Molano-Flores</i>	Partnerships for prevention; an early detection and rapid response network to limit the spread of new invasive exotic species in the Chicago Wilderness region <i>Debbie A. Maurer, Karen L. Billo and Ed DeWalt</i>	Stream restoration: Gathering and using fluvial geomorphological data to plan stream restoration. <i>Mary Ochsenschlager</i>
4:00	The composition and structure of woody vegetation associated with the globally rare shrub, piratebush, on Poor Mountain, Virginia. <i>Mike Leahy, Curtis Hutto and Paul Clarke</i>	The North American Weed Management Association (NAWMA): What does NAWMA do? <i>Sheilah Kennedy</i>	Successes and failures in the restoration of a small, high gradient, clay-bed stream channel using natural materials. <i>Steven W. Belz</i>
4:30	The USDA Ornamental Plant Germplasm Center - It's role in the conservation of American native herbaceous plants. <i>David Tay</i>	Forest Service funding and partnership opportunities for non-native invasive plants. <i>Nancy Lizette Berlin and Don Dagnon</i>	Effects of agricultural best management practices on water quality and biota in the Mackinaw River (IL) watershed. <i>Maria Lemke, James Herkert, Matt Herbert and Tim Lindenbaum</i>



Step into the Wild

For nearly 25 years, the Illinois Department of Natural Resources has produced a button for the Illinois State Fair to promote native species that benefit from the Wildlife Preservation Fund checkoff on the Illinois State Income Tax. Donations fund projects that benefit wildlife and their habitats throughout the state. The Wildlife Preservation Fund is a key contributor to the conference so, this year's button was chosen to coincide with the theme of the 2004 Natural Areas Conference. Illinois residents please check "Wildlife Preservation Fund" next tax season.

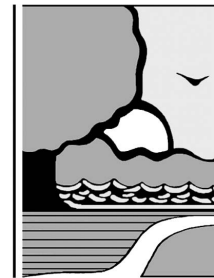


Conference Planning Committee Leads (see additional insert for a complete list of those working on this NAC)

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 John Wilker, Program Chair
 Terry Esker, Poster Session Chair
 Young Choi, Student Poster Contest Chair
 Jill Kennay, Events Chair
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