

## North American Pollinator Initiative



### The Public Private Partnerships of Pollinator Conservation Programs

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Workshop on Solitary Bees: Conservation, Rearing and Management for  
Pollination - Beberibe, Ceará April 26-30, 2004

## Important Milestones

- Forgotten Pollinators Campaign (1994)
- Sao Paulo Declaration on Pollinator Conservation (1998)
- Pollinator Roundtable and Seminar (1999)
- Migratory Pollinators (1999)
- Joint Interior - Agriculture Research Workshop (1999)
- North American Pollinator Protection Campaign NAPPC (1999)
- International Pollinator Initiative (2002)

## Forgotten Pollinators Campaign - 1995

- Raised awareness about pollinators
- Rallying point for action



## Sao Paulo Declaration on Pollinators - 1998

- Raised international interest
- Provided strategic direction for pollinator conservation planning
- Provided impetus for national and regional programs

## Pollinator Roundtable

- High level Government and environmental NGO Leaders
- Hosted by U.S. Secretary of the Interior
- Breakfast and follow up seminar

## Pollinator Roundtable: Suggestions

- Use existing wetland, waterfowl, and agriculture conservation programs
- Pollinator friendly mowing regimes and meadow management at recreational and historic parks
- Identify nectar/migratory corridors
- Work with the golf industry
- Use parks as classrooms
- Coordinate Federal activities and programs
- Incorporate pollinators into other Federal monitoring programs
- Expand Bee Team to other agencies, e.g., USDA, DOT, DOD, COE, EPA, SI
- Hold a cabinet level meeting about pollinators

Joint Agriculture/Interior Research  
Workshop: Research Needs  
Logan, Utah - 1999

- Pollination and ecosystem health
- Landscape scale and patterns
- Multiple factors
- Bioprospecting and biodiversity
- Restoration and management practices

- *Complete the “Bees of North America”*
- *Compile the “Pollinators of North America”*
- Examine the effects of bioprospecting
- Coordinate and accelerate candidates for pollination
- Enhance technology transfer to industry

- *Develop and integrate museum databases*
- Evaluate use of pollinators for biomonitoring for agricultural and wild lands
- *Develop new identification tools for bees*
- *Enhance taxonomic capabilities in Departments of Agriculture and Interior*

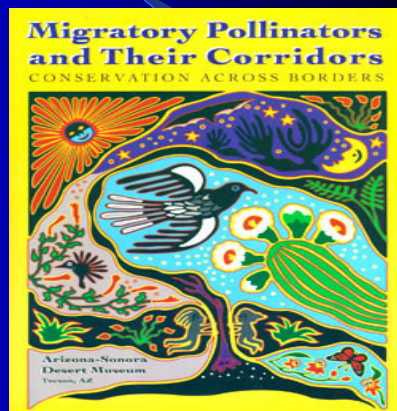






## Migratory Pollinators (ASDM)

- Cross Boundary
- Bats, birds, Monarch butterfly
- Plant-pollinators relationships
- Resulted in cooperative research plan for four migratory pollinators



# North American Pollinator Protection Campaign



## NAPPC's Goals

- Raise the profile of the importance of pollinators
- Encourage collaborative dialogue and public/private partnerships
- Support and distribute research and information
- Determine and encourage best practices



## NAPPC Partnership

- Science-based
- Voluntary collaboration
- Affect knowledge, awareness, and behaviors
- Tri-national - Canada, Mexico, USA
- Private industry, academia, government agencies, NGO's, environmental groups

## NAPPC Partners: Organizations

- National Gardening Assoc.
- U.S. Golf Association
- Wildlife Habitat Council
- UN FAO
- American Zoo and Aquarium Association
- Smithsonian Institution
- Ecological Society of America
- National Wildlife Federation
- Bat Conservation International
- Xerces Society

. . . and more

## NAPPC Partners: Universities

- Instituto de Ecologia, UNAM
- UC Berkeley
- Princeton University
- University of Rhode Island
- University of Maine
- University of Guelph
- University of Delaware
- University of Maryland
- University of San Francisco
- York University
- University of Toronto
- Universidad de las Americas Puebla
- Ohio State University
- University of Colorado
- Stanford University
- University of Yucatan
- UC Davis
- . . .and others

## NAPPC Partners: Businesses and Foundations

- Mirant Mid-Atlantic
- Phillips Petroleum
- PPG Industries
- Turner Foundation
- National Fish and Wildlife Foundation
- Wallace Genetic Fund
- Goldman Foundation
- Disney Animal Kingdom
- Far View Foundation
- CS Fund
- . . .and others

## NAPPC Partners: Government Agency Representatives

- NA Commission on Environmental Cooperation (CEC)
- Agriculture and Agri-Food Canada
- CONABIO (Mexico)
- Multiple agencies from US Depts. of State, Interior, Defense, Agriculture, Transportation
- (EPA, Fed. Highway Admin., US Geological Survey, US Forest Service, USDA-ARS, National Park Service, etc.)
- US National Botanic Garden (Washington, D.C.)
- . . .and others

## NAPPC Outreach (Congressional Briefings)



## NAPPC Actions - 2004

### Affecting the public and decision makers

#### US Botanic Garden briefing/reception

Congressional and federal agency, Canadian and Mexican Embassy participation, (along with NAPPC partners and industry guests) at which pollinator foods were served.

## NAPPC Actions - 2004

### Affecting the public and decision makers (cont.)

#### US Botanic Garden/NAPPC

“The Great Pollination Partnership”

Pollinator Gardens Exhibit and Photography Exhibit

12 Gardens, 250,000 expected visitors

## NAPPC Actions - 2004

### Increasing on the ground conservation:

NAPPC- Wildlife Habitat Council “Pollinator Friendly Practices Award”. Given to PPG Industries in front of 150 major international corporation WHC members.

## NAPPC Actions - 2004

### Increasing on the ground conservation (cont.):

- Comments influencing USDA Farm Bill NRCS - CSP to provide incentives for farmers to protect pollinators.
- Revision of Pesticide/Bee Booklet (NAPPC & University of Montana)

## NAPPC Actions - 2004

### Advancing research on pollinators

Call for a Natl. Acad. Sci. Study which will survey the status of pollinators in North America

Letters of support from >50 organizations:

- Environmental Defense
- US Farm Bureau
- US Florists Association
- US Apple Growers, etc.

## NAPPC Actions - 2004

### Advancing research on pollinators (cont.)

- Call for a collaborative research proposal to study effects of native pollinators on specific crops (NCEAS workshop)
- Support for standardized protocol in bee research

## NAPPC Actions - 2004

### Cross-pollinated information and ideas

#### NAPPC- Meetings (by invitation)

- National Academy of Sciences, 2000, 2001
- University of Maryland, 2003
- Smithsonian Institution, 2004

## NAPPC Actions - 2004

### Cross-pollinated information and ideas (cont.)

- NAPPC- LISTSERV
  - Join at [NAPPC@coevolution.org](mailto:NAPPC@coevolution.org)
- Upcoming NAPPC country meetings
  - Mexican Meeting - Coro Arizmendi, Rodrigo Medellin
  - Canadian Meeting – Steven Javorek

## NAPPC Actions - 2004

### Cross-pollinated information and ideas (cont.)

- Turner Foundation NAPPC report on Pollinator Funding Opportunities for Foundations
- Available online: [www.ceiconsulting.com](http://www.ceiconsulting.com)

## NAPPC Actions - 2004

### Affecting Policy:

- NAPPC agenda topic on *Bombus terrestris* (Smithsonian Institution, Sept. 2004)
- Supporting joint S.Africa/US sponsored pollinator policy meeting (S. Africa, June, 2003) and handbook.
- Working with State Conservation Depts.



## North American Pollinator Protection Campaign

[www.nappc.org](http://www.nappc.org)



*Your  
participation  
is welcomed!*

## International Pollinator Initiative Involvement

- World Bee Checklist Project, October 2002 (Brazil/U.S.)
- Pollinator Conservation Policy and Practices Meetings, May 2003 (South Africa/U.S.)
- NAPPC intervention at SBSSTA-7 (Montreal, 2001)
- US sponsored Pollinator Luncheon at CBD COP-6 (The Hague, 2002)

## World Bee Checklist Workshop (Brazil, 2002)

- Colletinae of the World – Version 1.0
- Collections Database – First draft
- Experts database
- Website
- On-line Staging area for world checklist
- Integration of existing checklists: Apoidea for Afro-tropics, North America, Australia, Brazil, Colombia, Mexico, Central America

## Pollinator Conservation Policies and Practices (S. Africa Workshop)

- Compilation of best practices
- Handbook targeted to resource managers and policy-makers

