

Susanne Masi
Manager of Regional Floristics
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EDUCATION

- M.A. Northeastern Illinois University, Chicago: Geography and Environmental Studies.
Thesis: *Restoration Management and Vegetation Change*
- M.A. Northwestern University, Evanston: History and Literature of Religions
- B.S. Loyola University, Chicago: Philosophy. Honors Degree.
- Vegetation Monitoring Workshops, North Carolina and Indiana Dunes National Lakeshore: Nature Conservancy intensive courses

EMPLOYMENT HISTORY

Chicago Botanic Garden, Division of Plant Science and Conservation, 1991 to present
Manager of Regional Floristics: 2004-present
Coordinator, Plants of Concern: 2001-present
Research Botanist and Manager of the Herbarium: 1999-2006
Taxonomy Technician, Herbarium, 1991-1996
Instructor (regional flora and plant population monitoring), Continuing Education Dept: 1993-2003

The Nature Conservancy, 1990-1999
Consultant to develop management plan and coordinate a savanna/woodland ecological restoration project on private property

Village of Lincolnshire, 1997-2000
Consultant to locate, map and assess populations of listed species at Florsheim Park Nature Preserve

The Morton Arboretum, Naturalist Certificate Program, 1994-1995
Instructor, Natural Areas Management Course

Natural Path Forestry Consultants, Inc., 1991; 1994-1995
Consultant to conduct vegetation inventories and help develop restoration management plans for the
Gurnee Park District and the Village of Lincolnshire

Northeastern Illinois University, 1991-1992
Adjunct Instructor, Natural Areas Management course

GRANTS

2010-2011: Donnelley Foundation. Plants of Concern Program. Principal Investigator.

2008-2011: US Forest Service Cost Share Agreement, Midewin National Tallgrass Prairie, Principal Investigator.

2006&07: National Fish and Wildlife Foundation. Monitoring rare plants at Midewin National Tallgrass Prairie. Principal Investigator.

2006&07: C2000 (Conservation 2000 – Illinois Department of Natural Resources). Plants of Concern: a volunteer-based, regional, standardized rare plant monitoring program. Principal Investigator.

2001-09: Chicago Wilderness (Chicago Region Biodiversity Council). Plants of Concern. Training volunteers to conduct rare plant monitoring on a regional scale. Principal Investigator.

2004-12: Illinois DNR Wildlife Preservation Fund. Plants of Concern. Principal Investigator.

2004-6: US Forest Service (Midewin National Tallgrass Prairie). Challenge cost-share agreement for sensitive plant monitoring. Principal Investigator.

2004: CorLands (Corporation for Open Lands). Plants of Concern. Principal Investigator.

1999&2000: Chicago Wilderness and the Forest Preserve District of Cook County, IL, Restoration Science Fund. Relocation, mapping and status assessment of Cook County's endangered and threatened plant species: updating former records. Principal Investigator.

1997: Chicago Wilderness. Canopy and shade analysis of Aster species. Part of a joint grant to Chicago Botanic Garden and the Morton Arboretum. Restoration of threatened and endangered plants. Co-Principal Investigator.

1996: Forest Preserve District of Cook County, IL: Restoration Science Fund. Flora of Cook County. Collection of herbarium specimens of the County's flora. Co-Principal Investigator.

PUBLICATIONS

Masi, S. 2010. Plants of Concern Volunteers geared up to monitor a delicate spring species – Slender Sandwort. *Prairie Telegraph* (Midewin Tallgrass Prairie Alliance). 14(3)5.

Fant, J.B., R.M. Holstrum, E. Sirkin, J.R. Etterson, and S. Masi. 2008. Genetic structure of threatened native populations and propagules used for restoration, in a clonal species, *Ammophila breviligulata* Fern. (American beachgrass). *Restoration Ecology*. 16 (4)594-603.

Masi, S. 2007. Plants of Concern: Volunteers Help Land Managers Track Rare Plants. *Illinois Audubon*. Fall, 2007: 22-23.

J. B. Fant, S. Masi, J.M. Keller and R. Mann. 2007. Investigating the reproductive health of Hill's Thistle (*Cirsium hillii*) populations in the Chicago region. *Chicago Wilderness Journal*. Vol. 5, Number 1 (March 2007) 29-40.

N.A. Turner, W.C. Taylor, S. Masi and M. Stupen. 2005. Confirming dioecy in *Isoetes butleri*. *American Fern Journal*. Vol. 95, Iss. 2 (April 2005) 85-87.

Masi, S. and R. Mann. 2005. Plants of Concern: Volunteers Monitor Rare Species in a Standardized Regional Program (Northeast Illinois, USA). Conference Abstracts: The World Conference on Ecological Restoration, 12-18 September 2005, Zaragoza, Spain.

Masi, S. 2004. Plants of concern: Volunteers monitor rare species in a standardized regional program (Northeast Illinois). In *Abstracts: SER 2004. Abstracts of papers, posters, and works in other media presented at the 16th Annual Conference of the Society for Ecological Restoration, August 24-26, Victoria, BC, Canada.* 82.

Masi, S. 2003. Tracking Down Rare Plants. Plants of Concern Brings Together Volunteers, Agencies, Landowners and Scientists. In *Chicago Wilderness Journal* (Online). Vol 1(1) Fall 2003: 22-26.

Masi, S. 2003. Plants of Concern: volunteers conduct standardized rare plant monitoring on a regional scale (Northeast Illinois). *Ecological Restoration*. Vol 21(1) March 2003: 64.

Antonio, T. M. and S. Masi. 2001. *The sunflower family of the Upper Midwest: a photographic field guide*. Indiana Academy of Science, Indianapolis, IN. 421 pp.

Masi, S. 2001. Plants of Concern: regional rare plant monitoring with volunteers. 2001. In: *Proceedings of the 12th Northern Illinois Prairie Workshop*, March 10, 2001, College of DuPage, Glen Ellyn, IL. 55-62.

Masi, S. 1999. Status of endangered and threatened species: assessment and recommendations. In *Biodiversity Recovery Plan*. 1999. Chicago Region Biodiversity Council, Chicago, IL. 92-95; 169-172. (coordinator and principle author)

Dunn, C. and S. Masi. 1998. Chicago Botanic Garden and the Morton Arboretum: team players in Chicago Wilderness. *Public Garden*. Vol 13 (3): 27-30.

Masi, S. Private oak woodland restoration – a five-year project (Illinois). 1994. *Restoration & Management Notes*. Vol 12 (2) Winter 1994:193.

Masi, S. 1994. Understanding and restoring woodland sedge-grass matrices with application to ephemeral ponds (Illinois). *Restoration & Management Notes*. Vol 12 (2) Winter 1994: 191.

PRESENTATIONS AND POSTERS

Masi, S. Plants of concern. Oral presentation at BeWise (Women in Science and Engineering) Conference, USEPA, Region 5. Chicago, March 12.

Masi, S. and K. Glennemeier. 2009. Citizen Science: Tracking Chicago Wilderness. Presentation at Chicago Wilderness Wild Things Stewardship Conference. February 7.

Masi, S. and A. Kelly. 2008. Ravine Flora: Tracking the Health of a Unique Plant Community. Presentation at the symposium Reclaiming our Ravines: Protecting our Ecological Treasures. April 24.

Masi, S. and A. Kelly. 2008. Citizen Scientists Monitor Rare Plants in Chicago Wilderness. Presentation for symposium on Citizen Science in Ecology at the ESA Annual Meeting, Milwaukee, WI. August 3-8.

Masi, S. and E. Kapler. 2007. Monitoring Rare Plants at Midewin National Tallgrass Prairie (Illinois). Poster presented at the Janet Meakin Poor Symposium, Chicago Botanic Garden, October 19.

Masi, S. and E. Kapler. 2007. Monitoring Rare Plants at Midewin National Tallgrass Prairie 2001-2006. Presentation at the National Grassland Manager's Meeting, Joliet, IL. May 15.

Masi, S. and S. Kroiss. 2007. Plants of Concern: A Volunteer-based Rare Plant Monitoring Program (Northeast Illinois) Poster for the Plant Biology & Botany 2007 Conference, Chicago, IL July 7-11 and the Janet Meakin Poor Symposium. Chicago Botanic Garden. October 19.

Masi, S. and E. Kapler. 2006. Long-Term Rare Plant Monitoring at Midewin National Tallgrass Prairie (Illinois). Poster at the North American Prairie Conference at the University of Nebraska, Kearney, Nebraska. July 23-26.

Masi, S. and E. Kapler. 2006. Monitoring Rare Plants at Midewin National Tallgrass Prairie 2001-2006. Presentation at the Midewin National Tallgrass Prairie 10th Anniversary Symposium. College of St. Francis, Joliet, IL. August 15.

Masi, S., E. Richter and S. Kroiss. 2007. Volunteer Monitoring. Participation in panel at Wild Things Stewardship Conference, Northeastern Illinois University, Chicago, IL. March 3.

Masi, S. and R. Mann. 2005. Plants of Concern: Volunteers Monitor Rare Species in a Standardized Regional Program (Northeast Illinois, USA). Poster at the World Conference on Ecological Restoration, Zaragoza, Spain. 12-18 September.

Masi, S. and L. Reich. 2004. Plants of Concern: Volunteers monitor rare species in a standardized regional program (Northeast Illinois). Poster at the 16th Annual Conference of the Society for Ecological Restoration, Victoria, BC, Canada. August 24-26.

PROFESSIONAL SERVICE AND MEMBERSHIPS

Chicago Department of the Environment, Consultant to Invasive Species Policy Group

Chicago Park District, Advisory Committee for Nature Areas Management Plans

Illinois Native Plant Society

Illinois Endangered Species Protection Board

Illinois Endangered Species Protection Board: Technical Advisory Committee for listed plants

Natural Areas Association

Chicago Wilderness Natural Resource Management Team