

Southeastern Wisconsin Invasive Species Consortium, Inc.

2010 Minnesota – Wisconsin Invasive Species Conference

November 10, 2010

*Working to reduce the impact of
invasive species in
southeastern Wisconsin*



Presentation by:
Jill Hapner, President
Jim Reinartz, Treasurer

About SEWISC

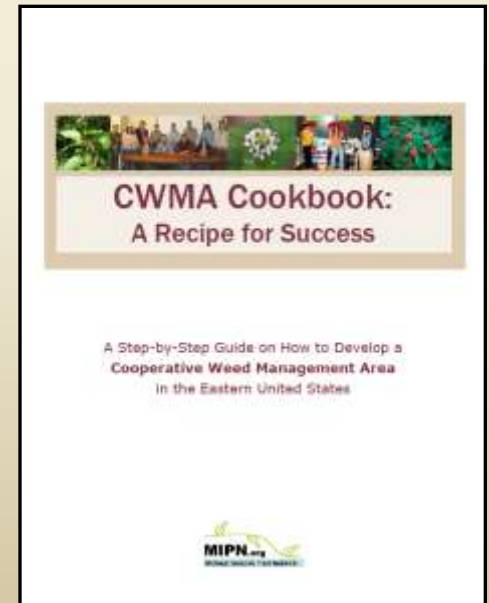
- Initial organization as a Cooperative Weed Management Area in 2007
- Boundaries selected to encompass the 8-county WDNR Region
- 11 of 14 MIPN “Cookbook” steps completed to-date.
- 501(c)3



John T. Barry



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About SEWISC

A broad-based coalition that promotes efficient and effective management of invasive species throughout an eight-county region.

Focus includes both plant and animal invasive species.

Mission:

To educate the public and protect biodiversity and ecological function throughout the region, contributing to a high quality of life for present and future generations.

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Board of Directors & Coordinator

❖ **Executive Officers:**

President - *Jill Hapner*, Washington County

Vice President - *Brian Russart*, Milwaukee County/UW - Extension

Secretary - *Mike Grisar*, We Energies

Treasurer - *Jim Reinartz*, UW-Milwaukee

❖ **Committee Chairs:**

Education & Outreach – *Marc White*, SEWISC Coordinator

Early Detection & Rapid Response – *Kim Forbeck*, Urban Ecology Center

Rehabilitation & Restoration – *Steve McCarthy*, Milw. Metro Sewage Dist.

❖ **Web Site Development** – *Jerry Ziegler*, The Nature Conservancy

❖ **Liaison to Invasive Plants Assoc. of Wisconsin (IPAW)** – *Mark Feider*

❖ **At large:** *Andy Holschbach*, Ozaukee County

Steve Klock, Wisconsin Department of Natural Resources

SEWISC Committees

- **Education & Outreach – *Marc White***

 - High School Curriculum

 - NR-40 Workshops for Parks, Highway and ROW managers

 - Invasive Species Awareness Month activities

 - LOOKOUT* brochures

- **Early Detection & Rapid Response – *Kim Forbeck***

 - Control and Mapping activities

 - Assisted with Lyme Grass removal project

- **Rehabilitation & Restoration – *Steve McCarthy***

 - List of replacement species for ash

 - Havenwoods State Forest demonstration project

 - Restoration on public and private lands

 - Nursery & Landscape Professionals education

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SEWISC Affiliation with IPAW



SEWISC/IPAW Board Members:

Jim Reinartz

also appointed to the Wisconsin Council on Invasive Species

Mark Feider

serves as SEWISC Liaison to IPAW Board

- ✓ **Fiscal agent services**
- ✓ **Website support**
- ✓ **Discount group memberships**

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SEWISC Management/NR 40 Workshops

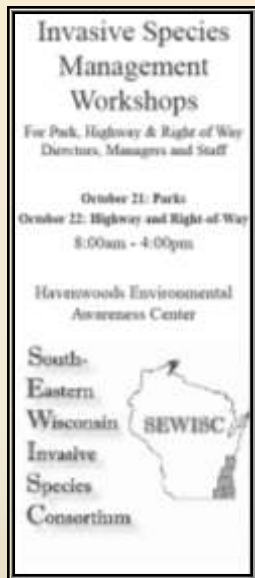
Workshops for Parks, ROW and Highway managers and staff.

Partners:

- University of Wisconsin - Milwaukee
- WI Department of Natural Resources
- Riveredge Nature Center

Funding:

Wisconsin Coastal Management Program
Wisconsin Energy Corporation,
UW – Milwaukee Field Station,
Natural Resources Consulting,
Bergner Associates, The Sigma Group,
Applied Ecological Services,
JF New, Endeavor, Graef



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SEWISC ROW and Parks Workshops

Fall 2009 and Spring 2010



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222 attendees from
Wisconsin, Illinois
and Minnesota

SEWISC Management/NR 40 Workshops

Workshop topics included:

- **How invasive plants negatively impact parks, highways and right of ways.**
 - **The new Wisconsin Invasive Species (NR 40) Rule**
- **Best Management Practices and how they relate to implementation of NR 40**
 - **Planning, early detection, and rapid response methods**
 - **Methods for inventory and mapping of invasive plant problems**
 - **Integrated invasive management approaches**
 - **Practical and available equipment and methods**
 - **Understanding the biology of the target plant**
 - **Funding and partnership opportunities**
 - **Adopt-a-Highway, Friends groups, and other resources**
 - **Field Techniques**
 - **Identification skills**

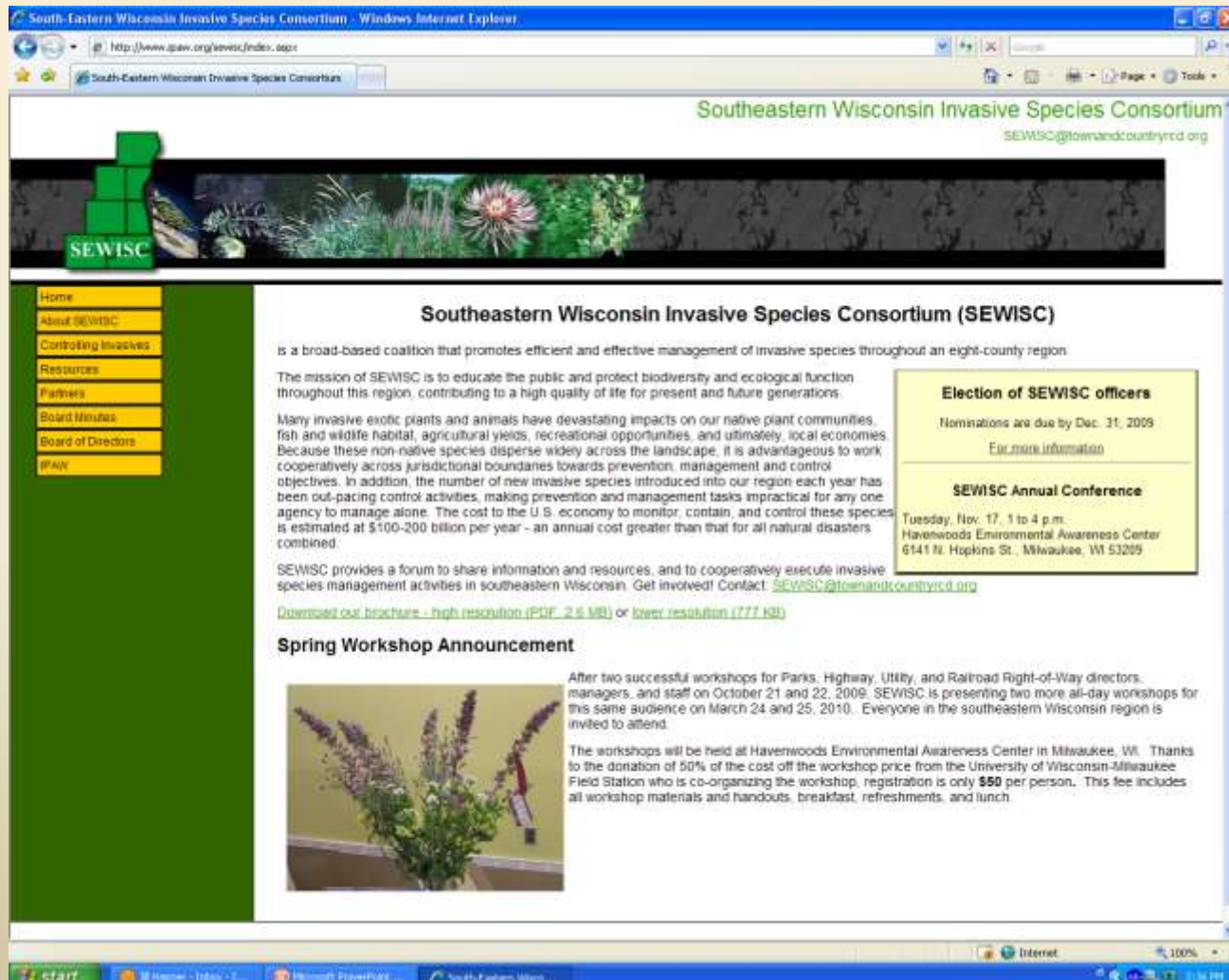
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SEWISC Website – Sponsored by IPAW

SEWISC Board member, *Jerry Ziegler* and *Marsha Volmaster*, IPAW

<http://www.ipaw.org/SEWISC/index.aspx>



South Eastern Wisconsin Invasive Species Consortium - Windows Internet Explorer

http://www.ipaw.org/SEWISC/index.aspx

South Eastern Wisconsin Invasive Species Consortium

Southeastern Wisconsin Invasive Species Consortium
SEWISC@townandcountryrcd.org

SEWISC

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Board of Directors
IPAW

Southeastern Wisconsin Invasive Species Consortium (SEWISC)

is a broad-based coalition that promotes efficient and effective management of invasive species throughout an eight-county region.

The mission of SEWISC is to educate the public and protect biodiversity and ecological function throughout this region, contributing to a high quality of life for present and future generations.

Many invasive exotic plants and animals have devastating impacts on our native plant communities, fish and wildlife habitat, agricultural yields, recreational opportunities, and ultimately, local economies. Because these non-native species disperse widely across the landscape, it is advantageous to work cooperatively across jurisdictional boundaries towards prevention, management and control objectives. In addition, the number of new invasive species introduced into our region each year has been out-pacing control activities, making prevention and management tasks impractical for any one agency to manage alone. The cost to the U.S. economy to monitor, contain, and control these species is estimated at \$100-200 billion per year - an annual cost greater than that for all natural disasters combined.

SEWISC provides a forum to share information and resources, and to cooperatively execute invasive species management activities in southeastern Wisconsin. Get involved! Contact: SEWISC@townandcountryrcd.org

[Download our brochure - high resolution \(PDF, 2.6 MB\)](#) or [lower resolution \(777 KB\)](#)

Spring Workshop Announcement



After two successful workshops for Parks, Highway, Utility, and Railroad Right-of-Way directors, managers, and staff on October 21 and 22, 2009, SEWISC is presenting two more all-day workshops for this same audience on March 24 and 25, 2010. Everyone in the southeastern Wisconsin region is invited to attend.

The workshops will be held at Havenwoods Environmental Awareness Center in Milwaukee, WI. Thanks to the donation of 50% of the cost off the workshop price from the University of Wisconsin-Milwaukee Field Station who is co-organizing the workshop, registration is only \$50 per person. This fee includes all workshop materials and handouts, breakfast, refreshments, and lunch.

Election of SEWISC officers

Nominations are due by Dec. 31, 2009

[For more information](#)

SEWISC Annual Conference

Tuesday, Nov. 17, 11 to 4 p.m.
Havenwoods Environmental Awareness Center
6141 N. Hopkins St., Milwaukee, WI 53205

SEWISC LOOKOUT Flyers

KEEP A LOOKOUT for WIDESPREAD INVASIVE PLANTS in SOUTHEASTERN WISCONSIN!

The plant species on this list are recognized by the Southeastern Wisconsin Invasive Species Consortium (SEWISC) as widespread and damaging to native plant communities throughout southeastern Wisconsin everywhere.



KEEP A LOOKOUT for INVASIVE PLANTS in SOUTHEASTERN WISCONSIN!

The plant species on this list are recognized by the Southeastern Wisconsin Invasive Species Consortium (SEWISC) as locally established and having the potential to spread throughout southeastern Wisconsin.



KEEP A LOOKOUT for NEW INVASIVE PLANTS in SOUTHEASTERN WISCONSIN!

SEWISC has recognized that the species on this list are beginning to spread, or have the potential to become established, in southeastern Wisconsin, early detection and eradication can prevent or reduce invasion.



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SEWISC *LOOKOUT* Flyers



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SEWISC Highway Reporting



Washington County Highway Department Invasive Plant Species Reporting Form

Cut-leaved teasel (*Dipsacus laciniatus*) and
Common teasel (*Dipsacus sylvestris*)



Summer



Winter

Location	Date	Estimated Area

Giant Reed Grass (*Phragmites australis*)



Summer



Winter

Location	Date	Estimated Area

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SEWISC NR 40 Letter



Washington County Planning and Parks Department Land and Water Conservation Division

August 17, 2010

James & Jane Doe
1234 County Road CC
Slinger, WI

Dear Mr. and Ms. Doe,

I recently verified a report of cypress spurge (*Euphorbia cyparissias*) established between your property and County Road CC. Cypress spurge is an invasive plant species in Wisconsin and all parts of the plant contain toxic latex that irritates the eyes, mouth, and gastrointestinal tract and causes dermatitis upon contact in some people. Cypress spurge is also potentially toxic to horses and cattle.

Invasive species are non-native plants, animals and pathogens whose introduction cause or are likely to cause economic or environmental harm or harm to human health. Invasive species can alter ecological relationships among native species and can affect ecosystem function and structure, economic value of ecosystems, and human health. There are many non-native plants that are invasive in forests, grasslands, wetlands, lakes and rivers that displace native species and disrupt wildlife habitat. Invasive species threaten Wisconsin's traditions, environment and economy in every corner of our lands and waters.

The Wisconsin State Legislature directed the Wisconsin Department of Natural Resources to establish a statewide program to control invasive species, and to promulgate rules to identify, classify and control invasive species for purposes of the program. Chapter NR 40, Wisconsin's Invasive Species Identification, Classification and Control Rule helps citizens learn to identify and minimize the spread of plants, animals and diseases that can invade our lands and waters and cause significant damage. The rule is aimed at preventing new invasive species from getting to Wisconsin, and enabling quick action to control or eradicate those here but not yet well established. Through this rule, cypress spurge is listed as a restricted species, which means that it cannot be purposefully planted, introduced or sold in the state.

I have enclosed information concerning the ecology of cypress spurge and recommended control methods. Although you are not required to take any action, removing invasive plant species and replacing them with native species will increase the esthetics of your property and provide habitat for native wildlife. Please contact me with any additional questions at 262.335.4802.

Sincerely,

Jill Hapner, Ph.D.
County Conservationist

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SEWISC Annual Symposia



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SEWISC Annual Symposia

**2009
Sweat Equity
Award**

**Lee and Mary
Krueger**



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SEWISC Received Award!

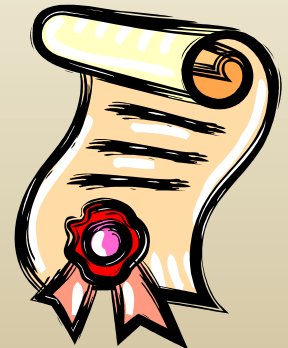
2009 Invader Crusader Award Recipient

Wisconsin Council on Invasive Species

The Council wrote:

“SEWISC's dedication to being part of the solution has been of inspiration to those around you. It was with great pleasure that we (the members of the judging committee) took on the task of learning about your tireless efforts.”

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Future Projects

- **Management/NR 40 Workshops for Nursery & Landscape Professionals (WCMP funding pending)**
- **Capacity building initiatives (Great Lakes Restoration Initiative funds)**

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GLRI Assistance Agreement

Work with SEWISC partners to:

- complete CWMA “cookbook” steps.
- expand invasive species management and control programs and activities.
- implement educational and outreach activities.
- produce a list of target non-native invasive species for control or eradication activities and accurate inventory mapping.
- develop membership program.
- track acres and species.

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Early Detection is the Key

- **Emerald Ash Borer (*Agrilus planipennis*)**

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Emerald Ash Borer

(Agrilus planipennis)

- Identified in Ozaukee, Washington, Milwaukee & Kenosha Counties; also Vernon, Crawford and Brown Counties.
- 7 of the 8 SEWISC Counties under quarantine.



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Early Detection is the Key

- Emerald Ash Borer (*Agrilus planipennis*)
- Red Swamp Crayfish (*Procambarus clarkii*)

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Red Swamp Crayfish

(Procambarus clarkii)

Identified in Washington & Kenosha Counties



Adult Red Swamp Crayfish
Actively Burrowing



Adult Female Red Swamp Crayfish
With Attached Hatchlings

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Early Detection is the Key

- Emerald Ash Borer (*Agrilus planipennis*)
- Red Swamp Crayfish (*Procambarus clarkii*)
- Hairy willow-herb (*Epilobium hirsutum*)

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Hairy willow-herb

(Epilobium hirsutum)

Semi-aquatic perennial forming dense, monotypic stands in wetlands

Competes well with cattail and purple loosestrife

Present in Kenosha, Manitowoc and Door Counties



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Early Detection is the Key

- Emerald Ash Borer (*Agrilus planipennis*)
- Red Swamp Crayfish (*Procambarus clarkii*)
- Hairy willow-herb (*Epilobium hirsutum*)
- Hedge parsley (*Torilis japonica*)

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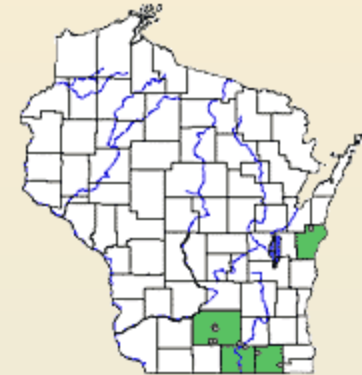


Hedge parsley (*Torilis japonica*)

Japanese hedge-parsley has been found in Dane, Manitowoc, Rock and Walworth counties.

Habitat includes disturbed upland sites such as roadsides, urban areas, railroad rights-of-way and woodlands.

Spreading hedge-parsley (*T. arvensis*) is not currently known in Wisconsin, but nationally is more common than *T. japonica*.



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Educating the Next Generation



**Boy and Cub Scouts
High School Science Clubs
Seasonal College Interns**

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Cedarburg Bog



Bluff Creek



Cherry Lake Sedge Meadow



Warnimont Bluff Fens



Kohl's Dunes



Kettle Moraine Low Prairie



Martin's Woods



Chiwaukee Prairie



Lulu Lake



Pike Lake

Keep our nice areas nice!

People making a difference in Southeastern Wisconsin!

