

23<sup>RD</sup>  
ANNUAL

# Native Plant Seminar & Sale

SATURDAY, AUGUST 23, 2014

Leafcutter bee (*Megachile  
rotundata*) on a sunflower  
(*Helianthus annuus*)



Irvine

Explore • Respect • Protect Nature

11201 Garrison Forest Road, Owings Mills, MD 21117 • 443-738-9200

[WWW.EXPLORENATURE.ORG](http://WWW.EXPLORENATURE.ORG)

try a  
HANDS - ON  
afternoon  
WORKSHOP!

**JOIN IRVINE FOR ITS 23RD ANNUAL  
NATIVE PLANT SEMINAR & SALE  
WITH FIVE DYNAMIC MORNING  
SPEAKERS, AFTERNOON WORKSHOPS  
AND A GIANT PLANT SALE.**

**PARTICIPANTS WILL INCREASE  
THEIR KNOWLEDGE ABOUT NATIVE  
VEGETATION, SUSTAINABLE PRACTICES AND THE  
CONSERVATION OF NATIVE LANDSCAPES.**

## all-day plant sale

Featuring many of the region's finest native nurseries, the plant sale at Irvine offers a wide selection of top quality native plants for purchase. Seminar registrants are admitted 90 minutes before the sale opens to the public. Baltimore County Master Gardeners will be on hand to answer your plant and gardening questions.

**THIS SEMINAR IS GREAT  
FOR NURSERY AND  
LANDSCAPE PROFESSIONALS,  
GARDEN CLUB MEMBERS,  
NATIVE PLANT ENTHUSIASTS,  
ENVIRONMENTAL EDUCATORS,  
LAND MANAGERS  
AND HOMEOWNERS.**

## PROGRAM

**7:30 a.m. Registration & Early Bird Plant Sale\***  
for Seminar Registrants

**9 a.m. Plant Sale Open to the Public,  
Seminar Welcome**

**9:10 a.m. Darrel Morrison** – *Landscape Design  
as Ecological Art*

**10:20 a.m. Morning Breakout Sessions**

1. ...the Mysterious Pink Lady's-  
Slipper

– **Doug Gill**

2. Restoring Natural Ecology

– **Jeff Wolinski**

3. School Gardens and Native Plants...

– **Kay McConnell**

**11:20 a.m. Break** (coffee and snack will be  
provided)

**11:40 a.m. Sam Droege** – ...*Native Plants...*  
*Native Bees*

**12:40 a.m. Seminar Concludes,  
Lunch & Shopping**

**2 p.m.**

*Enjoy lunch, shop at the region's  
best native plant nurseries and  
spend time shopping in Irvine's  
Nature Store.*

**Workshops Begin**

*Pre-registration is required.*

*Space is limited and there's an  
additional charge.*

1. Growing Up Wild...

– **Janet Davis**

2. Exotic and Invasive Plants of  
Maryland

– **Vanessa Beauchamp**

3. What's Wrong with My Tree?

– **Steve Sprague**

**3:30 p.m. Workshops Conclude**

**4 p.m. Native Plant Sale Ends**

*\*Native plant sale open to the public 9 a.m. -  
4 p.m. Registrants can take advantage of free  
"plant-sitting" during the seminar.*

# MORNING SPEAKERS

## LANDSCAPE DESIGN AS ECOLOGICAL ART

Explore the possibilities for merging art with ecology in designing landscapes that are: experientially rich, dynamic, ecologically sound and 'of the place.' We will look at naturally evolving landscapes to discern processes and patterns, from which we can learn when designing landscapes. Darrel will show recent design work from a variety of projects, including the Storm King Art Center; a native woodland garden at New York University; the Old Stone Mill landscape on the banks of the Bronx River; and the new Native Flora Garden at Brooklyn Botanic Garden.

**Darrel Morrison, FASLA**, is a longtime advocate of the use of native vegetation in landscape design and restoration work. He taught in the Landscape Architecture Department at the University of Wisconsin for 14 years where his emphasis was on native plants, native plant communities and landscape restoration. Subsequently, he taught in the School of Environmental Design at the University of Georgia where he served as Dean from 1983 to 1992. Currently, he lives in New York City and continues his private landscape practice.



## WHEN YOU PLANT NATIVE PLANTS YOU ARE PLANTING NATIVE BEES.

Native plants form the foundation for animal communities. At times, plants are simply structure and one type can be replaced with another without any apparent impact (witness how content deer are to munch in suburban gardens as they are in our parks). This is not the case for other animals, and Maryland's 400+ species of native bees are a prime example. Bees are an extremely important component of the landscape, and your choice of plants can significantly augment or diminish native bee populations. In this talk we will explore the vital relationship between native bees and plants.

**Sam Droege** received an undergraduate degree at the University of Maryland and a Master's at the State University of New York – Syracuse. Most of his career has been spent as a biologist at the USGS Patuxent Wildlife Research Center. He has coordinated the North American (NA) Breeding Bird Survey Program, developed the NA Amphibian Monitoring Program, the Bioblitz, Cricket Crawl and FrogwatchUSA programs. Currently he is developing an inventory and monitoring program for native bees, online identification guides for NA bees at [www.discoverlife.org](http://www.discoverlife.org), and with Jessica Zelt reviving the NA Bird Phenology Program.



# MORNING BREAK-OUT SESSIONS

*Choose One.*



Pink Lady's Slipper  
(*Cypripedium acaule*)

## THE EVER-CHANGING STORY OF THE MYSTERIOUS PINK LADY'S-SLIPPER

Join us for a close look at the fascinating lives of our native orchids, specifically the pink lady's slipper (*Cypripedium acaule*). Learn some surprising discoveries about the interrelationships, reproduction, pollination and life history of this amazing plant.

**Dr. Douglas E. Gill**, Professor Emeritus, Department of Biology, University of MD will share the results of his unprecedented, 37-year study of the life cycle of the charismatic pink lady-slipper orchid.

## RESTORING NATURAL ECOLOGY

Get an overview of basic ecological restoration principles using examples from the site design of Irvine's 116-acre property. A variety of projects will be discussed, including reforestation, invasive exotic plant control, meadow creation, wetland restoration and trail design. **Jeff Wolinski** is a partner in Natural Areas Management, an ecological assessment and restoration company. He has worked in the ecological field for 25 years, primarily in Maryland and Virginia and was the primary consultant for Irvine's initial land planning and design.

## SCHOOL GARDENS AND NATIVE PLANTS: A COMMUNITY PARTNERSHIP

Since 2005, Friends School of Baltimore and the Guilford Garden Club have partnered to create a series of Native Plant Teaching Gardens throughout the school's campus. With the goals of conservation and education, the gardens have thrived with minimal care while attracting pollinators and other wildlife, and absorbing surface water on the school's sloping campus. Learn some of the challenges and successes of this unique partnership. **Kay McConnell**, a lifelong gardener and member of Guilford Garden Club since 1998, was instrumental in creating these gardens. Kay has a B.A. from Princeton and M.A. from University of Rochester in English Literature, and in 2003 she started the gardening business Garden Therapy, LLC providing 'Creative Support for Overwhelmed Gardeners' with an emphasis on healthy plant communities, education and a can-do spirit.



# afternoon WORKSHOPS

*Choose One.*

## **GROWING UP WILD: LURING OUR KIDS INTO OUR GARDENS**

How can we convince our children to come outside, learn and enjoy the native plants that we so love? Can we peel our kids away from Minecraft long enough to craft their young minds into choosing the “great outdoors” instead of the confining indoors? As a mother of a 9-year old, and a nursery grower of native plants, Janet will explore the ways we can entice our children into the garden by using native plants and by creating spaces that excite, teach and allow them to “grow up wild.”

**Janet Davis** is the primary operator of Hill House Farm & Nursery. She received her Bachelor’s degree in Horticulture from Virginia Tech and has spent the last 30 years working in various horticultural pursuits – from apple orchards to greenhouses – all the while spending as much time as possible hiking in the beautiful Blue Ridge Mountains. Her time spent in “the woods” fostered her passion for our native flora and plant communities, and spurred her desire to learn more about native plants.

## **EXOTIC AND INVASIVE PLANTS OF MARYLAND**

Reducing biodiversity, possible extinction of native species and threatening the stability of ecosystems are just a few of the problems aggressive non-native plants can exacerbate. This presentation will include a walk on Irvine’s trails as you learn to identify some of Maryland’s worst offenders and the challenges of control and management.

**Vanessa Beauchamp** is an Associate Professor in the Department of Biological Sciences at Towson University. Her research focuses on disturbance ecology, forest succession,

restoration and the impacts of invasive plant species. She received a BS in Biology from University of California, Irvine and a PhD in Plant Biology from Arizona State University.

## **WHAT’S WRONG WITH MY TREE?: UNDERSTANDING THE DYNAMICS OF TREE HEALTH**

Learn how to conduct a basic visual tree assessment to determine what, if any, action is required to ensure optimal conditions for your trees. The talk will include a review of the common biological, environmental, and cultural factors that contribute to tree health and vigor. The field portion will include the consideration of these factors as you conduct a visual assessment of both young and mature trees.

**Steve Sprague, CTSP**, is a Maryland Licensed Tree Expert, ISA Certified Arborist and Candidate Member of the American Society of Consulting Arborists. In addition, he is a Certified Tree Care Safety Professional with over 15 years of experience in tree care. Currently, he is the Vice President of Safety and Administration for Carroll Tree Service in Owings Mills.



**Virginia Spiderwort**  
(*Tradescantia virginiana*)

# IRVINE NATURE CENTER

Irvine is an environmental education organization. Our mission is to educate and inspire current and future generations to explore, respect and protect nature. Irvine offers a wide variety of programs for children, families and adults, school field trips, teacher workshops, The Nature Preschool, urban education outreach, guest lectures, special events and summer nature camp. We have been supported by our members since we began in 1975.

**Please consider becoming an annual member today.**

Individual \$50  
 Family \$75

**CORPORATE SPONSORS**

Carroll Tree Service



Biohabitats, Inc.\*



Ecological Restoration & Management, Inc.\*



*\*Special thanks to Keith Bowers, president of these companies, for his continued support of this event and Irvine.*

**BE ONE OF THE FIRST 40 TO REGISTER AND RECEIVE A CHANCE TO WIN AN EXCLUSIVE NATIVE PLANT PRIZE PACK.**

**REGISTRATION INFORMATION**

Seminar registration is \$50 for Irvine members and \$60 for non-members; workshops are an additional fee. Full-time college students receive a discounted rate of \$25 for the morning seminar.

Registration fee does not include the cost of lunch. If you wish to reserve a box lunch for \$12, you must indicate your lunch choice on the registration form. Registrations postmarked by August 1, 2014 will receive a \$5 coupon toward a purchase of \$25 or more from the Irvine Nature Store. No refunds after August 3, 2014.

**DIRECTIONS**

**The seminar, workshops and plant sale are all located at Irvine,** 11201 Garrison Forest Road. From I-695, take exit 20 (Reisterstown Road) north toward Garrison. Turn right onto Greenspring Valley Road. At the first stop sign, turn left onto Garrison Forest Road. After two miles, Irvine is on the right.

**NATIVE PLANT NURSERIES**

- Atlantic Star Nursery ..... Forest Hill, Md.
- Enchanter's Garden..... Hinton, W.Va.
- Environmental Concern ..... St. Michaels, Md.
- Go Native Tree Farms ..... Lancaster, Pa.
- Hill House Farm and Nursery ..... Castleton, Va.
- Kollar Nursery ..... Pylesville, Md.
- Meadowsweet Nursery..... West Grove, Pa.
- Sylva Native Nursery ..... Glen Rock, Pa.
- Wicklein's Water Gardens and Natives..... Baltimore, Md.

# seminar registration form

---

Name \_\_\_\_\_ Company/Institution \_\_\_\_\_

---

Street \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

---

Telephone \_\_\_\_\_ E-mail \_\_\_\_\_

How did you hear about this seminar?

---

**MORNING**

\$ \_\_\_\_\_

*Select one morning breakout session*

*Select one*

Irvine Member (\$50)

The Mysterious Pink Lady's-Slipper

Non-Member (\$60)

Restoring Natural Ecology

Full-time Student (\$25)

School Gardens and Native Plants...

\_\_\_\_\_ (List Your School)

**AFTERNOON (\$20)**

\$ \_\_\_\_\_ (Optional)

*Select one afternoon session*

Growing Up Wild...

Exotic and Invasive Plants of Maryland

What's Wrong with my Tree?

**BOXED LUNCH (\$12)**

\$ \_\_\_\_\_ (Optional)

Turkey

Vegetarian

**MEMBERSHIP TO IRVINE**

\$ \_\_\_\_\_ (Optional)

Membership dues help Irvine preserve trails, provide quality animal care and maintain the onsite native gardens.

Individual (\$50)

Family (\$75)

**Total Enclosed**

\$ \_\_\_\_\_

I cannot attend this year, but would like to donate \$ \_\_\_\_\_ to Irvine Nature Center to ensure that its important programs continue.

Check enclosed (made payable to Irvine Nature Center).

Please bill my Visa, Mastercard, American Express or Discover.

---

Account # \_\_\_\_\_ Expiration Date \_\_\_\_\_

---

Signature \_\_\_\_\_

Please detach this form and mail it with payment to: Irvine Nature Center,  
Attn: Clare Naldrett, 11201 Garrison Forest Road, Owings Mills, MD 21117

Questions? Contact Courtney at CourtneySagal@ExploreNature.org or 443-738-9224.



11201 Garrison Forest Road  
Owings Mills, MD 21117  
443-738-9200  
[www.ExploreNature.org](http://www.ExploreNature.org)



Flowering Red Maple  
(*Acer rubrum*)



CARROLL TREE SERVICE **Biohabitats**  
INC. Incorporated