

24th
annual

Native Plant Seminar & Sale

saturday, august 22, 2015

Fringed gentian
(*Gentianopsis crinita*)



Irvine

Explore • Respect • Protect Nature

register early for
a chance to win
one of three native
plant giveaways!

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

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try a
HANDS-ON
afternoon
WORKSHOP!

**JOIN IRVINE FOR ITS 24TH 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.

**Be one of the first 50 registrants
and be entered to win one of
the following: \$50 gift certificate
to the Irvine Nature Store,
\$50 worth of Native Plants, or
a copy of Doug Tallamy's book,
The Living Landscape.
Winners will be notified on
the day of the conference.**

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. Tom Smarr** – The High Line: Preserving History and Inspiring...
- 10:20 a.m. Morning Breakout Sessions**
- 1. Roger Latham** – World Class Ecosystem...
 - 2. Connie Scmotzer** – Bees, Bugs and Blooms...
 - 3. Greg Tepper** – The Sensory Appeal of Native Plants
- 11:20 a.m. Break** (coffee & snack provided)
- 11:40 a.m. Keith Bowers** – Using Native Plants...
- 12:40 a.m. Seminar Concludes Lunch & Shopping**
Enjoy lunch, shop at the region's best native plant nurseries and spend time shopping in Irvine's Nature Store.
- 2 p.m. Workshops Begin**
Pre-registration is required. Space is limited and there's an additional charge.
1. Discovering the World of Native Mosses – **Linda Davis**
 2. All about Maryland's Oaks – **Vanessa Beauchamp**
 3. Native Plant Flower Arranging – **Clare Stewart**
- 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

THE HIGH LINE: PRESERVING HISTORY AND INSPIRING CHANGE IN OUR GREENSPACES

The High Line is a unique urban park along the western side of Manhattan Island that opened in 2009, but its existence was almost not realized. Today, the High Line symbolizes the great benefits of transforming former industrial structures and land into inspiring gardens and landscapes for public enjoyment and encouraging economic benefits. Tom will briefly cover the story of how the elevated train structure was saved, and with an emphasis on the native plants used, he will discuss the distinct naturalistic planting design, horticulture and care of “the park in the sky.”

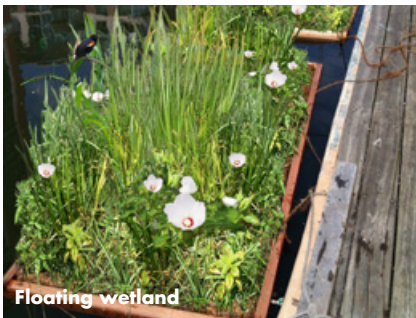
Tom Smarr is a seasoned professional with almost two decades of experience in horticulture, botanic gardens, conservation and organic landscaping. He holds a master’s degree in urban horticulture from the University of Washington, Seattle. He has worked for institutions such as the University of Washington Botanic Gardens, New England Wild Flower Society and the Rose Fitzgerald Kennedy Greenway Conservancy. He joined Friends of the High Line as the Director of Horticulture in 2013. He is committed to the preservation of our cultural landscapes through sensible design, horticulture practices and public education.



USING NATIVE PLANTS TO TURN GREY INFRASTRUCTURE TO GREEN

Increasing emphasis is being placed on finding ways to replace our grey infrastructure (wastewater treatment plants, riprap retaining walls, stormwater pipes and detention ponds, bridges and roads, etc.) with more natural ecological solutions. Native plants are playing a key role in green infrastructure, from natural wastewater treatment system and floating wetlands to living shorelines. Keith will take a close look at some examples of how native plants are contributing to a sustainable, living future.

Keith Bowers has been at the forefront of applied ecology, land conservation and sustainable design for nearly three decades. As the founder and president of Biohabitats and founder of Ecological Restoration and Management, Inc., Keith has built a multidisciplinary organization focused on regenerative design – the blurring of boundaries between conservation planning, ecological restoration and sustainable design. Using living-systems as the basis for all of its work, Biohabitats applies a whole-systems approach to all of its projects. Keith has applied his expertise to more than 600 projects throughout North America.



MORNING BREAK-OUT SESSIONS

Choose One.



Mountain mint
Pycnanthemum muticum

WORLD-CLASS ECOSYSTEM WITH A HEART OF STONE: WHAT THE PIEDMONT SERPENTINE BARRENS REVEAL ABOUT CONTINENTAL COLLISION, EXTINCT MEGAFUNA, ANCIENT CUSTOMS AND MORE

Serpentine barrens are anything but barren. They are extraordinary hotspots for biodiversity and rare native species. They are also critically endangered. Maryland and Pennsylvania are the serpentine barren capitals of the eastern US, but nearly half of the barrens once found here have been lost to development and neglect. Dr. Latham will talk about the barrens' origins, their present-day flora and fauna, their scientific importance, and the management approach to restore and sustain these geological, ecological and cultural treasures. **Roger Latham** has worked as a research ecologist, conservation biologist and environmental planner. Since earning his Ph.D. in biology at the University of Pennsylvania, he has served as Pennsylvania Director of Science and Stewardship for The Nature Conservancy, post-doctoral researcher and Assistant Professor at Swarthmore College.

BEES, BUGS AND BLOOMS: TOP PLANT PICKS FOR POLLINATORS

Our pollinators are currently threatened by a number of factors, including lack of nutritious floral resources. Although many plants are available for gardens, they are not all equal when it comes to availability of pollen and nectar. To determine which plants are more attractive to pollinators, Penn State Extension began *Bees, Bugs and Blooms* a trial which includes 84 species of native plants and some of their cultivars. This presentation details the current results of the trial. **Connie Schmotzer** is the Consumer Horticulture Educator for Penn State Cooperative Extension in York County where she coordinates the Master Gardener Program. Her interest in pollinators began in 2004; she helped develop and now coordinates the Bees, Bugs and Blooms pollinator trial at Penn State.

THE SENSORY APPEAL OF NATIVE PLANTS

Learn the unique ways in which native plants appeal to each of our senses: sight, smell, touch, taste and even sound. Learn little-known facts about our local wildflowers, hear entertaining stories and see outstanding photographs of the plants we love of the forest and field. **Gregg Tepper** is a professional horticulturist, lecturer, consultant and life-long native plant enthusiast. After studying Ornamental Horticulture at the University of Delaware and starting his own horticultural maintenance business, he worked at Mt. Cuba Center in Hockessin, Del. where he held the positions of Horticulturist, Woods Path Horticulturist and Director of Horticulture.

afternoon WORKSHOPS

Choose One.

DISCOVERING THE WORLD OF NATIVE MOSSES

With slides, models, a bit of theater and hands-on microscope work, **Linda Davis** will help you discover the world of mosses – from their primordial anatomy and distinctive life cycle to their varied habitats. Mosses are very small plants, but they have amazing adaptations and variations in form and niche preference. Look closely and you will see structures and patterns unlike anything you've seen before in the plant world. Following an inside workshop, we'll hunt for mosses outside. Linda Davis and her husband, Charles Davis, have inventoried mosses and liverworts for the National Park Service at Great Falls Park, Virginia, and at Piscataway Park and Fort Washington Park in Maryland. As a volunteer for the Natural History Society of Maryland, Linda convenes a moss study group that meets monthly.

ALL ABOUT MARYLAND'S OAKS

With enormous wildlife value and surprising diversity and hybridization, Maryland's oak trees are a both joy to discover and a challenge to identify. One of the largest groups of broadleaved trees in the world, oaks also symbolize courage and strength. Learn about the many aspects of this all-important genus of trees. **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 Ph.D. in Plant Biology from Arizona State University.

NATIVE PLANT FLOWER ARRANGING

Learn some of the tips and techniques of creating attractive floral displays featuring many of our native wildflowers, grasses, mosses and other plants. Clare will demonstrate a variety of styles and create a number of different arrangements. Participants will then have an opportunity to make their own small arrangement. All materials will be provided. **Clare Stewart** has been working with floral arrangements for many years. She is a judge with for the Garden Club of America's Horticulture, Floral Design and Photography competitions and has a certificate in Horticulture from Logwood Gardens.

Haircap moss
Polytrichum commune



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

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

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 \$30 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, 2015 will receive a \$5 coupon toward a purchase of \$25 or more from the Irvine Nature Store. No refunds after August 3, 2015.

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.
- Grounds for Nature Berkeley Springs, W.Va
- Hill House Farm and Nursery Castleton, Va.
- Kollar Nursery Pylesville, Md.
- 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

- Irvine Member (\$50)
 Non-Member (\$60)
 Full-time Student (\$30)

(List Your School)

Select one morning breakout session

- World Class Ecosystem with a Heart of Stone
 Bees, Bugs and Blooms: Top Plant Picks for Pollinators
 The Sensory Appeal of Native Plants

AFTERNOON (\$20)

\$ _____ *(Optional)*

Select one afternoon session

- Discovering the World of Native Mosses
 All about Maryland's Oaks
 Native Plant Flower Arranging

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 _____

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

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



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www.ExploreNature.org



Common witch-hazel
Hamamelis virginiana



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