

26th
annual

Native Plant Seminar & Sale

saturday, august 26, 2017

Black-eyed Susan
Rudbeckia hirta



Irvine

Explore • Respect • Protect Nature

JOIN IRVINE FOR ITS 26TH 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.

This seminar is great for nursery and landscape professionals, garden club members, native plant enthusiasts, environmental educators, land managers and homeowners.

Be one of the first fifty registrants and you will be entered to win one of the following prizes: \$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. Larry Weaner – Living in the Liberated Landscape

10:20 a.m. Morning Breakout Sessions

1. Jorge Monsanto – Saving our Native Grasslands

2. Melissa McCormick – Native Plants, Fungi and Orchids

3. Janet Davis – Getting Groovy with Graminoids (Grasses)

11:20 a.m. Break (coffee & snack provided)

11:40 a.m. Dan Duran – Getting to the Source of our Native Plants...

12:40 p.m. Lunch & Shopping

Enjoy lunch and shop at the region's best native plant nurseries.

2 p.m. Workshops Begin

Pre-registration is required.

Space is limited and there's an additional charge.

1. Considering the Conifers – **Vanessa Beauchamp**

2. Learning about the Composites – **Dwight Johnson**

3. Invasive Exotic Plant Hike – **Judith Fulton**

3:30 p.m. Workshops Conclude; Native Plant Sale Ends

**Native plant sale open to the public 9 a.m.-3:30 p.m. Registrants can take advantage of free "plant-sitting" during the seminar.*

MORNING SPEAKERS

LIVING IN THE LIBERATED LANDSCAPE

All too often in our gardens and landscapes we think of static compositions of carefully placed and managed plants. But our approach can be more dynamic and rewarding by taking advantage of plants' natural abilities to reproduce and proliferate. Learn how Larry Weaner combines design with the reproductive abilities of plants as well as ecological processes to create compelling, ever-evolving landscapes that bring new meaning to partnering with nature. Examples from his own property and diverse client projects, show how this give-and-take approach can result in compelling, low-maintenance landscapes that free plants to perform according to their natural abilities and liberate people from having to cater to their landscapes' every need. **Larry Weaner** has been practicing landscape design since 1977, combining expertise in horticulture, environmental science, and the traditions of garden design. He founded Larry Weaner Landscape Associates in 1982, has received numerous awards, and in 1990, developed *New Directions in the American Landscape*, a conference and workshop series dedicated to advancing the art and science of natural landscape design. Larry authored *Garden Revolution: How Our Landscapes Can Be a Source of Environmental Change* with Tom Christopher.

GETTING TO THE SOURCE OF OUR NATIVE PLANTS: DOES PROVENANCE MATTER?

As native plants gain popularity in the horticultural trade there are important issues and challenges that need to be considered. The potential for genetic exchange between cultivated native plants and wild plant populations means that our landscaping decisions have impacts beyond the boundaries of our yards. Does the geographic source of a plant matter as long as it's a native species? Are



Wild Geranium
Geranium maculatum

cultivars of native species equivalent to naturally occurring populations? These topics are discussed and recommendations given to help native plant enthusiasts make better-informed decisions for long-term survival of native species.

Dr. Dan Duran is an Associate Teaching Professor in the Department of Biodiversity, Earth & Environmental Sciences at Drexel University, where he has taught courses, including Biodiversity, Entomology, and Native Plants & Sustainability. His research is focused on the discovery of new species and advancing the fields of taxonomy and systematics, and examining the important roles of insects and plants in functioning ecosystems. He is a co-author of the book *A Field Guide to the Tiger Beetles of the United States and Canada*. Recently he co-founded The Mid-Atlantic Native & Threatened Insect Zoo.

MORNING BREAK-OUT SESSIONS

Choose One.

1. SAVING OUR NATIVE GRASSLANDS

Grasslands have always been part of Maryland's biodiversity even though the state's historical ecosystems were likely dominated by forests and wetlands. But grasslands have not received the conservation attention devoted to forests and wetlands. Thousands of acres of lawns on public parks, FEMA floodways and other grassy fields need herbaceous vegetation. These sites, often in urban and suburban places, could be converted into attractive grasslands teeming with wildlife! **Jorge Bogantes Montero** will describe the efforts of the Anacostia Watershed Society to create grasslands or meadows in some of these heavily manicured and ecologically underutilized habitats. Jorge is a Natural Resources Specialist at the Anacostia Watershed Society in Bladensburg, MD. Jorge has a BS in Natural Resource Management and Protection from San Jose, Costa Rica.

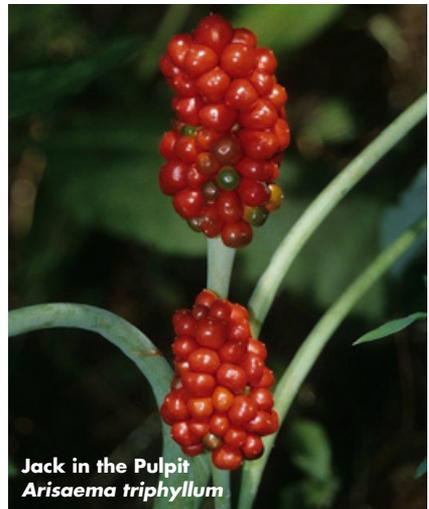
2. NATIVE PLANTS, FUNGI AND ORCHIDS

In their natural environment, nearly all native plants need fungi to access nutrients and tolerate stressful conditions. Some native plants use many different fungi and can find them in most gardens; but others, especially orchids, need particular fungi. A key to growing these plants is to keep the right fungi happy. We are beginning to understand what orchid mycorrhizal fungi need to grow and support orchids and applying this information to orchid conservation and cultivation through the North American Orchid Conservation Center (NAOCC). **Melissa McCormick** is an Ecologist at the Smithsonian Environmental Research Center, where she has studied orchids and other plants since 1999. She received a BS in Biology from Trinity University in San

Antonio and a PhD in Ecology, Evolutionary Biology and Behavior from Michigan State University.

3. GETTING GROOVY WITH GRAMINOIDS: USING NATIVE GRASSES, SEDGES AND RUSHES IN THE LANDSCAPE

As gardeners, we tend to give short shrift to our native graminoids. Why plant a "grass" when there are so many native flowers to enjoy? But native grasses, sedges and rushes offer many ecosystem services, are an integral part of a healthy landscape AND are beautiful! Learn about local graminoids and how to use them. **Janet Davis** is the primary operator of Hill House Farm & Nursery. She received her BS in Horticulture from Virginia Tech and has spent the last 30 years working in various horticultural pursuits while spending as much time as possible hiking in the beautiful Blue Ridge Mountains which fostered her passion for our native flora and plant communities.



Jack in the Pulpit
Arisaema triphyllum

afternoon WORKSHOPS

Choose One.

CONSIDERING THE CONIFERS

In botanical circles, gymnosperms are known as the “naked seed plants” because they produce seeds in cones, rather than encased in fruit. In this session we’ll quickly touch on some of the more exotic members of this group (cycads, ginkgos and Gnetums) but will focus on the more familiar conifers native to Maryland. Come learn about gymnosperm ecology and learn to identify some of native and horticultural pines, spruces, firs, and other species that are common in our area. We’ll have lots of material on hand to look at and we’ll conclude with a short hike around the Nature Center property. **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.

LEARNING ABOUT THE COMPOSITES

During the late summer and early fall goldenrods, asters and many other members of the composite family become very prevalent in the landscape. Join Dwight Johnson to learn the characteristics of this large and diverse group of flowering plants. The workshop includes a walk along Irvine’s trails for some tips on identification. **Dwight Johnson** is a self-taught naturalist who frequently leads botany programs for Irvine Nature Center, Cylburn Arboretum and the Maryland Native Plant Society.



INVASIVE EXOTIC PLANT HIKE

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. **Judy Fulton**, Master Gardener and Consultant for the University of Maryland Extension, is also a member of the Maryland Invasive Species Council and has taught many courses on native and non-native invasive plants.

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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REGISTRATION INFORMATION AND PRICING

Saturday Morning:

\$60 per person. This includes a buffet lunch.

Saturday Afternoon Workshop:

\$20 per person.

Registrations postmarked by August 1, 2017 will receive a \$5 coupon toward a purchase of \$25 or more from the Irvine Nature Store.

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

Enchanter's Garden..... Hinton, W.V.

Go Native Tree Farms Lancaster, Penn.

Hill House Farm and Nursery Castleton, Va.

Izel Plants..... Washington, D.C.

Kollar Nursery Pylesville, Md.

Meadowsweet Native Plant Farm..... Spring Grove, Penn.

seminar registration form

Name _____ Company/Institution _____

Street _____ City _____ State _____ Zip _____

Telephone _____ E-mail _____

How did you hear about this seminar?

MORNING

(includes buffet lunch)

Irvine Member (\$60)

Full-time Student (\$30)

_____ *(School)*

\$ _____

Select one morning breakout session

Saving Our Native Grasslands

Native Plants, Fungi and Orchids

Getting Groovy with Gaminoids

AFTERNOON FEE

(\$20)

\$ _____ *(Optional)*

Select one only

Considering the Conifers

Learning about the Composites

Invasive Exotic Plant Hike

MEMBERSHIP TO IRVINE

Individual (\$50)

Family (\$75)

\$ _____ *(Optional)*

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: Kimberly Godack, 11201 Garrison Forest Road, Owings Mills, MD 21117

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



11201 Garrison Forest Road
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www.ExploreNature.org



Dwarf Ginseng
Panax trifolius