



Delaware Valley Fern and Wildflower Society

APRIL 2019

From the President's Desk

It was great to see everyone who attended the March meeting. And, it was particularly nice to talk about our success at this year's flower show, and find good homes for the ferns. Personally, I'd like to thank all the volunteers and most especially, Leslie Morris-Smith who made it all possible. Leslie kept me in line throughout the process as it was my first time working on an exhibit. What struck me the most about the experience was simply the positive vibe the show seemed to evoke amongst the volunteers, exhibitors and other personnel. Of course, I also enjoyed the teamwork, sampling Reading Terminal multiple times, and winning two gold medals. It was nice to spend some time downtown as I hadn't been there for a while. The daily train fare was a surprise as it was FREE!

Bloodroot
Sanguinaria canadensis

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In the November newsletter I mentioned the peculiar cycle of acorn production. Acorns, of course, are a major food source for wildlife, including deer. I want to relate this to an experience with a recent landscape project and how my plant selections faired with the deer population. You can never have enough knowledge about what works and what doesn't work with deer.

Two years ago, we did a new front walkway; a contractor did the hardscape and I handled the planting and some landscape. (On a side note, one thing I did that turned out pretty well was construct a retaining wall for a vignette off the walkway. The retaining wall consists of dry-stacked boulders of white quartz I segregated from the excavation.) In the spring of year one, the project was essentially complete. Deer damage was minimal, and by fall it was raining acorns which was a good omen going into winter. The only major loss suffered was the complete loss of a Hiba Arborvitae (*Thuiopsis dolabrata*) – I kinda knew I was taking a chance. Now comes year two – from spring through fall we're doing pretty good deer-wise, but by year-end there are no acorns to speak of. The resulting winter deer-damage was pretty severe – complete loss of a Japanese white pine, mountain laurel and just-enough-to-hurt damage to several Leucothoe.

Obviously, when food (acorns) is scarce, deer will resort to a less preferred food.

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Field Trips

We have a wonderful slate of field trips this year, some local, and some very interesting ones at a distance, some still in the planning stages. Take out your calendars and mark these as priorities now! You will receive a reminder email with directions one week before each field trip.

Saturday, April 27, 2019 SHENKS FERRY

On April 27th we will make our annual pilgrimage to Shenks Ferry on the Susquehanna River. This is one of the best locations in the region to see spring ephemerals.

Among the flowers we are certain to see: Red Columbine, Wild Ginger, Roundlobe Hepatica, Rue Anemone, Dutchman's Breeches, Squirrel Corn, Early Saxifrage, Miterwort, Wild Stonecrop, Blue Cohosh, Cut-leaved Toothwort, Spring Beauties, Wild Geranium, Golden Ragwort, Trout Lilly, Bluets, Virginia Bluebells, Field Pansies, False Hellebore, Smooth Rockcress, Susquehanna Trillium, Alumroot, and Wild Blue Phlox. Not to mention several varieties of ferns.

DRIVING DIRECTIONS:

We will gather at 10 am at the Conestoga Wagon Restaurant in the nearby town of Conestoga, then drive down to the wildflower area together.

Since the drive to Conestoga is more interesting if we travel in groups, I suggest carpooling. Contact me at mbrooks@wcupa.edu and I will try to arrange cars.

For those going on their own:

Take US-202. Drive south.

Take the US-30 exit toward Downingtown/Coatesville. Follow US-30 for 25 miles.

In Gap, turn left at the light onto Chestnut Street (Route 41) go 0.4 miles.

Turn right onto Bridge Street (Route 741). Drive 10 miles through Strasburg.

Turn left onto Penn Grant Road. Stay on it in spite of

all temptations for 6.7 miles.

Turn left onto New Danville Pike and arrive at the Conestoga Restaurant after 1.3 miles.

Note: The above directions are drawn from Google Maps. I have always found that the trip from Wayne takes an hour and a half.

-Michael Brooks 610-952-7048 mobile phone

Saturday, June 29 MRAZIK GARDEN and WENTZ FARMSTEAD in Worcester, Montgomery County (near Rt. 73 and 363)

We will meet at 10 am at Thom Mrazik's award winning garden at 1891 Cassel Road, Lansdale. This is an amazing example of what can be done in a pleasant but still fairly typical suburban development. Thom has designed his large yard into 11 distinctive garden bed designs, each with natural layered plantings. The garden beds feature over 160 horticulturally diverse plants. There is a great variety of forms, foliage, fruit, and colors, including pollinator habitat, native shrubs, and ornamental grasses. This past summer the garden received a Blue Ribbon Award from the Pennsylvania Horticultural Society.

We will then drive a short distance up Route 73 to the Wentz Farmstead. This site features a house, garden, and farm and is devoted to preserving the PA German heritage. Dedicated volunteers have worked to make the garden both horticulturally rich and historically accurate. Our focus will be on the garden but the historic house will also be open for a tour. If you wish to bring a lunch, there will be picnic tables. Reminder e-mail in June will have detailed directions.

Sunday, July 14, PINE BARRENS, NJ

On July 14 at 10 am, Mark Szutarski will lead us on a tour of three locations in the New Jersey Pine Barrens. Mark is a life-long resident of the area. He is a volunteer, member, and chairperson of the garden and land

(Continued on page 3)

(President's letter continued from page 1)

I knew I was rolling the dice on some of the plants while others were supposed to hold up because they're sold as deer-resistant. We all probably know that ferns, hellebores, ornamental grasses and sedges are reliably deer-resistant – or, dare I say, deer-proof. For what it's worth, I thought the below lists would be informative coming from my 20+ years of experience in the woodland.

Sold as deer-resistant, but not reliable: Mountain Laurel, Ninebark, Arrowwood Viburnum, Aucuba

Sold as deer-resistant, hold up pretty well: Abelia, Leucothoe, Cryptomeria, Calycanthus

Rock-solid deer “proof”: Pieris, Japanese Plum Yew, Skimmia, Mahonia, Osmanthus

I realize the above are all shrubs, but that was just my focus here. I did, however, plant a really cool perennial on the walkway that was new to me: *Pulmonaria ‘Silver Bouquet’*. The foliage was immaculate from spring to frost, and the spring flowers were stunning too.

Here's the last deer-damage story in the walkway saga: We wanted an evergreen for a tight spot where we needed some height as well. I found the perfect solution at Conestoga Nursery – *Chamaecyparis lawsoniana ‘Wiessel’s Seguaro’*. So, don't you know this winter I find small bits on the ground where the plant was nibbled, but clearly spit out. I'm thinking deer must not like it, which should be good news, right? But, with my luck, each individual in the herd will give it a try, and I'll wind up with just a pile of bits! As Frank Zappa lamented, “The torture never stops.” But hey, I'm pretty sure they don't eat quartz!

I hope to see you on upcoming field trips and at our general meeting this summer.

Best regards,

Rick

(Pine Barrens continued from page 2)

scape committee for Whitesbog. He is a member of the Torrey Botanical Society and of the Philadelphia Botanical Club. He has led many field trips into the pine barrens for a number of different organizations and enjoys sharing botanical knowledge with others.

We will start at Pakim Pond in the Brendan T. Byrne State Forest where we are likely to see Curley Grass Fern, Pitcher Plants and other carnivorous plants, and a good selection of wetland plants. We will then go to Webb's Mills where we should see Box Asphodel, Gold Crest and more wetland plants. The next stop will be Warren Grove to see the pine plains. If time permits we can go to the FAA radio tower to see some upland plants. Detailed directions in July Newsletter.



Pitcher Plant , Brendan Byrne State Forest,
2008 with Otto Heck photo by T. Whitefield

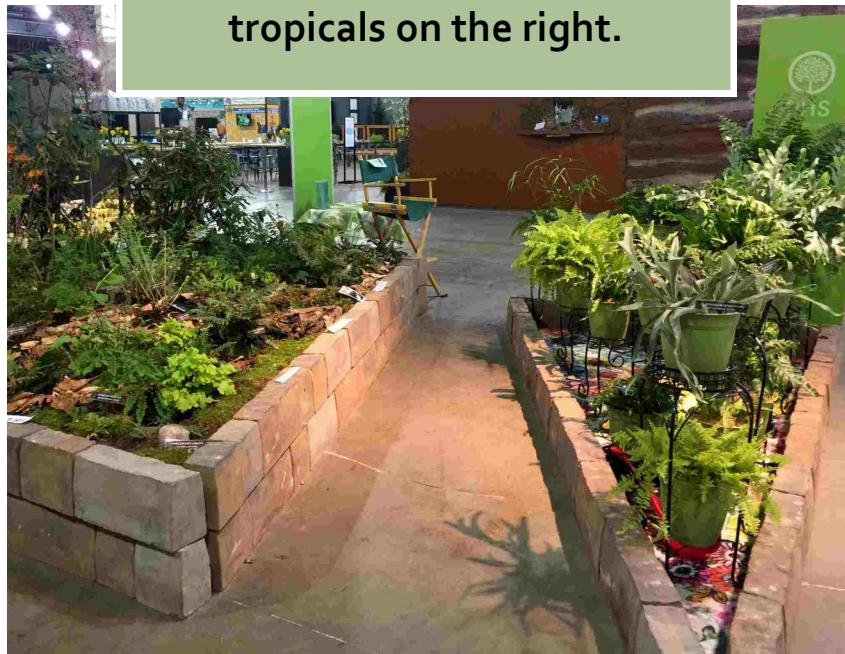
Flower Show

Flower Show Spring Recap “The Ins and Outs of Ferns”

Our exhibit showcased a shady fern garden next to a colorful indoor fernery. The Hardy ferns blended well with the moss, leaves, and native ground covers. Both offered interesting new varieties to enjoy.

Familiar and unusual ferns included the new *X PHLEBOSIA 'NICOLAS DIAMOND'*, a *CHEILANTHES LANOSA* for rock gardens, a *POLYPODIUM AUREUM 'BLUE HART'* or blue/gray hare's foot fern, aka Hawaiian mountain fern, and a *PLEOPELTIS POLYPODIOIDES* or resurrection fern still on the bark of an oak log in the woods.

Hardy ferns on left,
tropicals on the right.



Our exhibit continued the tradition in many previous years of winning the Massachusetts Horticultural Society gold medal to signify “*the best use of design among plant societies.*” The exhibit design also received a PHS gold medal for meeting the highest design principles, competing against a rubric, rather than comparison to other plant societies.

The Tropical ferns in the exhibit exceeded our expectations in variety, contrast and stunning quality of foliage, especially after the grower added some larger ferns from Rita’s Rare Plants.

It's time to express our gratitude to the members and friends who made our exhibit hum: Special thanks go out to co-chair Rick Reynolds for saving the hardy fern side of the exhibit when he replaced the missing native ferns and upgraded the clunky wall stone, and by agreeing to merge with the Rhododendron Society exhibit. The booth sitters and set-up folks totaled 57 different people and have been a delight to get to know. All of us worked with friends or made new friends, while tending to the ferns and interacting with the visitors as good hosts. Some traveled far, worked early or late hours, or took on more than one shift. This extra effort, putting your heart into making the exhibit successful, is what makes the experience special. Here, in alphabetical order are the 47 booth sitters:

Dorothy & Robert Bauer, Marice Bezdek, Bill & Clara Bondinell, Michael Brooks, Mary Carr, Zeta Cross & Laura Raucher, Joan Faust & sister Terry, Cassandra Fiore, Doris Fiorentino, Joanne Ford, Colin Hartz, Robin & Mike Hoy, Kathy Klein & Janet Weill, Tom Maczko, Jr, George & Bobbie Makovetz, RoseLynn & Dave Malarek, Jackie Mascucchini, Jacqui Mascucchini, Karen & Brian Mohn, Leslie Morris-Smith, Anne Pavelka, Rick Reynolds, Ed & Gloria Rockel, Kendra Schieber, David Shinaly, Valarie Schwarz, Joe Slane & brother Andrew, Sue Snyder, Janice & Tom Tomer, Connie Victor, Bea Weidner, Janet & Tom Whitefield, Donna Wilhelm, and Mary Ann Ziembra.

The exhibit included the following horticulture:

<i>ADIANTUM PEDATUM</i>	MAIDENHAIR FERN
<i>ASPLENIUM 'AUSTRAL GEM'</i>	BIRD'S NEST FERN
<i>ASPLENIUM NIDUS 'OSAKA'</i>	VICTORIA BIRD'S NEST FERN
<i>ATHYRIUM NIPONICUM PICTUM</i>	JAPANESE PAINTED FERN
<i>ATHYRIUM OTOPHORUM</i>	LIMELIGHT LADY FERN
<i>CHEILANTHES LANOSA</i>	HAIRY LIP FERN
<i>CYRTOMIUM FALCATUM</i>	HOLLY FERN
<i>CYRTOMIUM FALCATUM 'ROCHFORDIANUM'</i>	JAPANESE HOLLY FERN
<i>CYRTOMIUM FORTUNEI</i>	FORTUNE'S HARDY HOLLY FERN
<i>DRYOPTERIS CARTHUSIANA</i>	WOOD FERN
<i>DRYOPTERIS ERYTHROSORA 'BRILLIANCE'</i>	AUTUMN FERN ' BRILLIANCE'
<i>HUECHERA 'LIME MARMELADE'</i>	LIME MARMELADE CORAL BELLS
<i>MICROSORUM MUSIFOLIUM 'CROCODYLLUS'</i>	CROCODILE FERN
<i>MICROSORUM PUNCTATUM 'GRANDICEPS'</i>	DWARF ELKHORN FERN
<i>NEPHROLEPIS BISERRATA 'MACHO'</i>	GIANT SWORD FERN
<i>NEPHROLEPIS CORDIFOLIA 'LEMON BUTTON'</i>	LEMON BUTTON FERN
<i>NEPHROLEPIS EXALTATA 'EMINA'</i>	EMINA BOSTON FERN
<i>NEPHROLEPIS EXALTATA 'RITA'S GOLD'</i>	BOSTON FERN "RITA'S GOLD"
<i>OSMUNDA CLAYTONIANA</i>	INTERRUPTED FERN
<i>OSMUNDA REGALIS</i>	ROYAL FERN
<i>OSMUNDASTRUM CINNAMOMEUM</i>	CINNAMON FERN
<i>PELLAEA ROTUNDIFOLIA</i>	BUTTON FERN
<i>PHEGOPTERIS HEXAGONOPTERA</i>	BEECH FERN
<i>PLATYCERIUM BIFURCATUM</i>	STAGHORN FERN
<i>PLEOPELTIS POLYPODIOIDES</i>	RESURRECTION FERN
<i>POLYPODIUM AUREUM 'BLUE HART'</i>	HARE'S FOOT FERN
<i>POLYPODIUM VIRGINIANUM</i>	ROCK FERN
<i>POLYSTICHUM ACROSTICHOIDES</i>	CHRISTMAS FERN
<i>POLYSTICHUM POLYBLEPHARUM</i>	TASSEL FERN
<i>POLYSTICHUM TSUS-SIMENSE</i>	KOREAN ROCK FERN
<i>PTERIS RETICULATA 'ALBOLINEATA'</i>	VARIEGATED TABLE FERN
<i>PTERIS RETICULATA VAR NERVOSA</i>	HARDY RIBBON FERN
<i>PTERIS ENSIFORMIS 'VICTORIAE'</i>	SLENDER BRAKE FERN
<i>X PHLEBOSIA 'NICOLAS DIAMOND'</i>	NICOLAS DIAMOND HYBRID FERN

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Next, we want to give thanks to those 21 people who helped to donate plants, vet plant names, obtain sitters and mail tickets and badges, create plant labels, create new aprons, manage revenue and expenses, transport plants, wrap and move the tropical ferns, arrange the landscape of plants, moss and leaves, transport the plants away, and finally dismantle the exhibit in under two hours. In alphabetical order:

Dorothy Bauer, John Gyer, Colin Hartz, Peter Humbert, Tom Maczko, Jr, Jackie Mascucchini, Jacqui Mascucchini, Sandra McNichol & her husband, Karen Mohn, Janet Novak, Rita Randolph, Rick Reynolds, Bess Shannon, Alice-Blake Simonson, Jess Slade, Sharee Solow, Tom Tomer, Janet & Tom Whitefield, and Mary Ann Ziembra.

Submitted by Leslie Morris-Smith, chair

Outreach Opportunities

A n Outreach Committee was formed in 2016 when our Flower Show Committee decided they could not continue without some new blood. The Flower Show was our biggest outreach for encouraging new members. This year, back in the Flower Show, we gained 14 new members, bringing our total addresses to 99. That being said, our membership stayed steady in the last three years. Outreach identified venues for expanding and attracting members. A banner was made, and we went to plant sales and the Native Plant Conference at Millersville. Whether we display our banner at a table with membership information, or if we reach out and give helpful advice to shoppers, we share our enthusiasm for DVFWS. Many of you enjoyed sitting at the Flower Show. Sitting with our banner at a plant sale to promote our society is much the same. Won't you help? If we get enough volunteers, we can switch off and enjoy the plant sales as well.

Another outreach which has not begun yet is to have someone who can write publicity announcements or help place them in newspapers and social media. If two of you would like to take on this effort, contact Leslie Morris-Smith 215-805-2591 or leslm5791@gmail.com

Volunteer at Morris Arboretum's Plant Sale at Bloomfield Farm

Tuesday, May 7 - Saturday, May 11

Morris Arboretum is special as we have a mutual outreach. Morris reaches to us with a convenient place for our meetings at no charge. (We do give them a donation for the work they do in setting up the room and providing coffee and tea.) In return, we reach out to them with help at their May Plant Sale, often just being a presence to answer questions, but there are many places you can help, from tagging plants on Tuesday or Wednesday or loading plants into cars later in the week.

Please join us to help make the 2019 Plant Sale at Bloomfield Farm another successful event for connecting people with plants. Your help is always much appreciated. The 2019 sale will be held from Thursday, May 9 through Saturday, May 11. The on-line signup sheet is available. There are still lots of slots to be filled. Can you help?

<https://www.signupgenius.com/go/70a0b4ca9af2aa13-2015>

Plant sale volunteers receive a 20% discount coupon good on their total purchase on either May 10th or 11th. If you have any questions, please feel free to contact Michelle Conners at mconners@upenn.edu or by phone at 215-247-5777 ext. 109.

Schuylkill Center for Environmental Education (SCEE)

Saturday, May 4, 8:30 am–4:00 pm & Sunday, May 5, 9:00 am–2:00 pm

Some of you volunteered at this event last fall and we've been invited back to staff a table with our banner at SCEE upcoming 2019 Native Plant Festival May 4-5 and May 11. We can also help the shoppers with selections, or if not plant savvy you can help write up the order ticket to be paid inside. Bring the whole family along to the sale, where they will have food vendors, a bird walk, and even a perennial planting activity for

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kids to do for Mother's Day. The Schuylkill Center is located in Upper Roxborough in Northwest Philadelphia at 8480 Hagy's Mill Road, Philadelphia. Can you help? Call Rick Reynolds to volunteer your time: 610-246-1914 or Rickrenolds5@verizon.net

Collins Native Plant Nursery, 773 Roslyn Ave, Glenside

Saturday May 11 and 18th 11am--3 pm Workshops and bird walk 10AM prior to the sale.

See web site <https://www.collinsnursery.com/spring-open-houses>

Collins has container grown native trees, shrubs, vines, ferns, grasses, groundcovers, and perennials for sun and shade. A new collection of their own handmade, all-weather, hypertufa pots, troughs, and birdbaths, edible native plant tasting, and original botanical drawings are available.

We can have a table and banner along the walkway to the nursery in the shady woods. Audubon and the local EAC were other tables in past years. The 11th conflicts with Morris. Shall we do the 18th? Contact Rick Reynolds. 610-246-1914.



Tom, Rick and Jess planting the natural area of our display at the Flower Show.



Minutes of March 23, 2019 Meeting

Delaware Valley Fern and Wildflower Society
March 23, 2019
Morris Arboretum, Philadelphia, PA

President Rick Reynolds called the meeting to order at 10:20 AM. Janet Whitefield introduced new members: Ann Pavelka, Emerson Tjart, Kay Smookler, Nancy Watkins, Charlotte Wiegand, Jean and Bronwyn Gurley, returning member David Lauer, and visitors, Dee Montie and Murray Evans. In all, 42 members and guests attended.

Leslie Morris-Smith, chair of the Flower Show Committee, announced a special event for the morning, a silent auction of the ferns, tropical and hardy, used in our Flower Show exhibit. She gave instruction for participating in the auction and explained that one hardy fern from the exhibit would be available at no cost to each member who worked at the Flower Show.

Donna Wilhelm reported that the donations by our members to Bowman's Hill Wildflower Preserve in memory of Jack and Rose Marie Schieber, will be used in growing native ferns from the Preserve's fern spore collection of 21 species to increase the diversity and numbers of healthy ferns in the living collection.

Rick then introduced our speaker for the meeting, Phoebe Robb, Penn State Watershed Steward for Delaware and Chester Counties, who works to educate the public about watersheds and best practices to care for plants, wildlife, and land in natural areas. Phoebe gave an excellent talk, "Native and Invasive Species: Their Benefits and Impacts." After a careful definition of terms: native, non-native, and invasive, she gave detailed examples of why native species outperform non-native in every way and explained the many benefits of supporting them. She concluded

with explanations about how invasive species still are arriving in our area and discussed the various ways to control them.

The meeting then broke for 20 minutes to enjoy the auction plants and the excellent selection of donated baked goods on the refreshment table organized by Mary Carr.

The Business Meeting continued:

Treasurer's Report from Alice Blake Simonson –

Opening balance on 11/17/2018	\$2,619.44
Deposits:	1,827.00
Disbursements:	(531.76)
Closing balance on 3/12/2019	\$3,914.68

Minutes of the November 17, 2018 meeting published in the Fall Newsletter were approved.

Flower Show- Tom Tomer thanked Flower Show Chair, Leslie Morris-Smith, for heading up work on our prize-winning exhibit. In turn, Leslie applauded Tom Tomer for his steady guidance, the hard-working Flower Show Committee, 12 members in all, who put the exhibit together and tore it down, as well as those members who sat at the exhibit during the Flower Show week. In all, 55 members participated. More thanks went to Janet Whitefield, advisor, to Meadowbrook for their deliveries and native ground covers, to members who supplied native ferns, and to Sharee Solow who led the design of our prize winning exhibit. (*See photo page 9 of our awards.*)

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Fun Facts

(Continued from page 8)

George Makovetz invited people to attend the Mineralogical Society's exhibit on March 30-31, in Plymouth Meeting to enjoy its excellent educational programs.

Field trip chair Michael Brooks, announced the first trips of 2019 : April 27—Shenks Ferry in Lancaster County, June 29—Two Gardens in Worcester, Montgomery County, Thom Mrazik's and Wentz Farmstead, and July 14—Pine Barrens in NJ.

David Lauer will take responsibility for organizing field trips after July. Suggestions for later forays include: Jenkins Arboretum, the Mennonite 18th century cutting garden, the meadow at Longwood Gardens with Rick Reynolds who is a guide there, the Laurels in Chester County, Mt Cuba, and the Wharton Esherick house followed by carpooling to lunch at Rick Reynolds' nearby home.

The meeting ended with a brief slide show of our 2019 Flower Show exhibit during preparation and in its final state, taken by Leslie Morris Smith.

Respectfully submitted,

Donna Wilhelm, Secretary



Leslie Morris-Smith and Sharee Solow with our Gold Awards from PHS and Massachusetts Horticultural Society

Did you Know?

DVFWS is listed in three places as a Native Plant Society.

FUN FACT #1: The USDA US Forest Service Native Plant Societies listing lists three native plant societies in PA:

[https://www.fs.usda.gov/Internet/
FSE_DOCUMENTS/fsm91_054414.pdf](https://www.fs.usda.gov/Internet/FSE_DOCUMENTS/fsm91_054414.pdf)

Botanical Society of Western Pennsylvania
Delaware Valley Fern Wildflower Society
Pennsylvania Native Plant Society

FUN FACT #2 The New Jersey Native Plant Society lists three in PA:

[http://www.npsnj.org/pages/
getinvolved_Clubs_And_Forum.html](http://www.npsnj.org/pages/getinvolved_Clubs_And_Forum.html)

Delaware Valley Fern and Wildflower Society
Pennsylvania Native Plant Society
Philadelphia Botanical Club

FUN FACT #3 The PA Native Plant Society lists us as one the 18 native plant societies on the east coast from Florida to New England to Kansas. Eight are in Pennsylvania including us, and our neighbors Philadelphia Botanical Club, and the North American Rock Garden Society, Delaware Valley Chapter.

[http://www.panativeplantsociety.org/native-plant-
organizations.html](http://www.panativeplantsociety.org/native-plant-organizations.html)

Submitted by Leslie Morris-Smith

Natives, Way to Go!

DUTCHMAN'S PIPE NAMED 2019 PLANT OF THE YEAR

BY THE GARDEN CLUB OF AMERICA

A*ristolochia macrophylla* (also known as *Isotrema macrophylla*) has been named 2019 Plant of the Year by The Garden Club of America (GCA).

Annually the GCA identifies a stellar North American native plant to receive its Montine McDaniel Freeman Medal for Plant of the Year. Annual selection is made by a group of nationally renowned horticulturists and experts in the nursery trade. Woody and herbaceous plants are nominated in alternate years.

Native plants are important because they adapt to local environmental conditions, they require far less water, saving time, money, and perhaps the most valuable natural resource, water. In addition to providing vital habitat for birds, many other species of wildlife benefits as well.



Aristolochia macrophylla (Dutchman's Pipe)

Photo Credit: Jamie Purinton and inset blossom photograph: Mark A. Garland, hosted by USDA-NRCS plants database

Commonly known as **Dutchman's Pipe**, the plant is a valuable and versatile native vine with heart shaped leaves. Named for its exotic pale yellow flowers resembling a "Dutchman's pipe," this unique and underused plant can be used to create a lush living wall, a sheltering green roof, or an attractive privacy fence.

Dutchman's Pipe can be grown in full sun to partial shade in average to moist soil. The unusual shape of the pipe blossom, which blooms in May and June, serves as a type of "fly-trap" attracting small insects that are temporarily held and released to carry pollen to the next flower. The large, heart-shaped, densely overlapping leaves serve as an important host plant for the Pipevine Swallowtail Butterfly and its caterpillars.

This workhorse vine thrives in USDA zones 4 to 8 and is deer resistant and pollution tolerant with no serious insect or disease problems.

Honorable mention was awarded to *Gymnocladus dioicus* (Kentucky Coffeetree), a striking and aesthetically pleasing tree throughout the four seasons. Growing to 75 feet in full sun, this tree is an excellent replacement to ash trees currently being lost to the emerald ash borer. It is hardy in USDA zones 3 to 8.

Honorable mention was also awarded to *Viburnum rufidulum* (Rusty Blackhaw, Southern Blackhaw), an incredibly versatile and underutilized native shrub that can provide blossoms, berries, and brilliant fall color. Hardy in USDA zones 5 to 9, *Viburnum rufidulum* will grow 10 to 20 feet in full sun or partial/deep shade. It tolerates clay and poor soil, is resistant to disease, insects, deer, and can be planted and naturalized in ravines and along rocky banks of creeks to prevent erosion.

Member News

We have several new members: as a result of our presence at the Flower Show and thanks to our members who volunteered to be at our display to talk to the many visitors. New members' contact information will be in the Membership Directory attached to this mailing.

Joan Faust

Jean and Bronwyn Gurley

Janice Jacobs

Geoffrey and Cecily Selling

Kathryn Smookler

Joanne Szeliga

Emerson Tjart

Nancy and Bill Watkins

Bea Weidner

Charlotte Wiegand

Dick Wills

Returning member

David Lauer

New e-mail

Sue Snyder

Mary Ann and Vince Ziembra

New Phone

Karen and Brian Mohn



About DVFWS

The purpose of DVFWS shall be to encourage the enjoyment of ferns and wildflowers by cultivating and propagating them in the home and garden; by studying them in their wild habitats, gardens and conservatories; by promoting their conservation and preservation; and by providing a forum for the exchange of information and expertise.

Officers

President: Richard Reynolds

RickReynolds5@verizon.net

Vice President: Michael Brooks

Mbrooks@wcupa.edu

Secretary: Donna Wilhelm

donnacwilhelm@gmail.com

Treasurer: Alice-Blake Simonson

asbjj28@yahoo.com

Membership in DVFWS is open to anyone who is interested in ferns and wildflowers. Three general membership meetings are held each year and a number of field trips are scheduled each year to areas rich in botanical interest.

The Newsletter is published quarterly. Contributions to the Newsletter are welcome and may be e-mailed to:

delvalfernsc@gmail.com

or e-mailed to Janet Whitefield, editor

jntwhite863@gmail.com

Membership is \$10 for individuals or \$14 for two members at the same address per year or \$28 and \$39, respectively for three years. Dues are payable to DVFWS and mailed to:

Alice-Blake Simonson

28 Chancery Court

Souderton, PA 18964

215-868-0440

Web site: www.dvfws.org

Webmaster: Leslie Morris-Smith

leslm5791@gmail.com

DVFW
Janet Whitefield
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Hartleyville, PA 19438