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The Spike
November 2018

EIOS is Now on Facebook! At [easterniowaorchidsociety](https://www.facebook.com/easterniowaorchidsociety)
And on the web at easterniowaorchidsociety.org



EASTERN IOWA ORCHID SOCIETY

The Spike

A small group of people with a big love of growing orchids.



Liparis rhombea 'Dusty's Cutie'
CBR/AOS is a new species recognized by the AOS judging system grown by Nile and Lois Dusdieker

President's Blurb:

Orchids Were a **Real Scream** at our just completed 6th Orchid Show and Sale at the Elks Club in Cedar Rapids. We had over 630 people attend the show and the vendors nearly sold out! A complete pictorial review of the show will be the focus of the December newsletter. Our October meeting centered on show prep and Nile and Lois Dusdieker presented "Orchids Over the Andes," a travelogue that featured the amazing diversity of orchids they saw on their trip to equatorial Ecuador about a year ago. If you missed the presentation, Nile is presenting this as an AOS webinar on Thursday Nov. 15th. Go to AOS.org and sign up for the streaming on your computer. Our upcoming November

(Continued on page 4)

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Calendar of Events

EIOS Meeting at Shueyville Methodist Church Program: Iowa Native Orchids by Andy Coghill-Behrends.	11/1/2018
EIOS Meeting at Shueyville Methodist Church Program: Holiday Party: Each paid member will receive a blooming orchid! Also will have a pictorial review of our recent orchid show.	12/6/2018
No EIOS Meeting in January	
EIOS Meeting at Shueyville Methodist Church Program: Miniature Phalaenopsis	2/7/2019
EIOS Meeting at Shueyville Methodist Church Program: Orchids 101: Beginning orchid growing and your questions an- swered. Moderated by Sharon Neff.	3/7/2019
EIOS Meeting at Shueyville Methodist Church Program TBD	4/4/2019

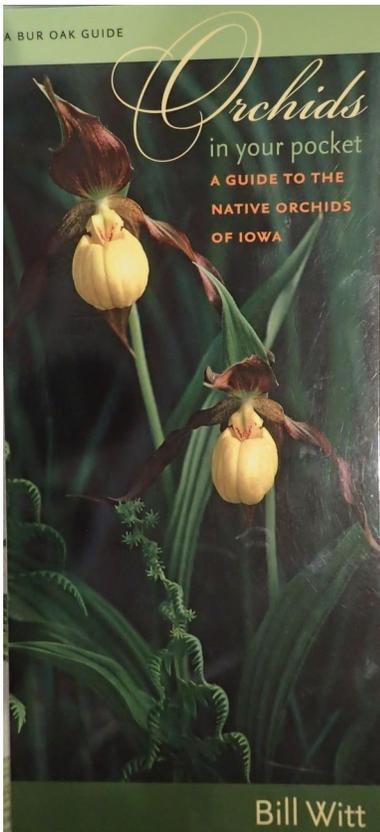
Orchids Are A Scream! Sixth Eastern Iowa Orchid Show and Sale Round and Round the EIOS Display Goes

The EIOS display is pictured here and was voted the Peoples Choice Award winner by those attending our show. It also received the AOS Show Trophy for the most outstanding display in the show. A good time was had by all. The Halloween theme added some extra fun! Special thanks to our club members that volunteered time, food, planning, and promotional activity to make the show a success. Thank you **Samantha Appleby Bruce Byorum, Andy Coghill Behrends, Nile and Lois Dusdieker, Bill Englert, Dorothy and Michael Hampton, Connie and Greg Harris, Rod Hunt, Denise Klemp, Ann and Larry Morris, Sharon Neff, Bill Page, Bill and Jean Snyder, Marcia Whitmore, Cathy and Joel Wilcox, and Dave Wujek.**

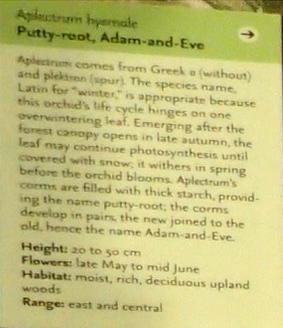
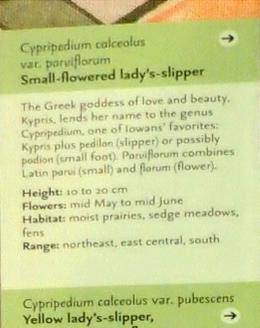
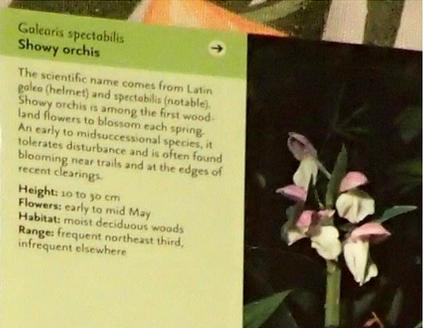
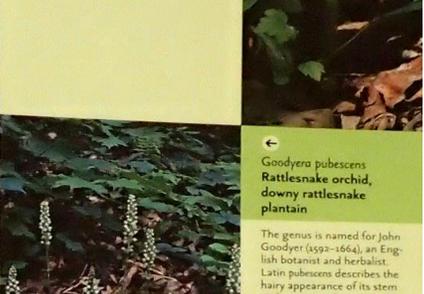
WE COULD NOT HAVE DONE IT WITHOUT YOU!



A NICE FIELD GUIDE TO IOWA NATIVE ORCHIDS FROM U OF IOWA PRESS.



 <p>Platanthera clavellata Small green wood orchid</p> <p>The genus name is derived from Greek <i>platys</i>, "wide, broad," and <i>anthos</i>, "anther," the pollen-bearing structure of the flower. <i>Clavellata</i> comes from Latin <i>clavellatus</i>, "club-shaped," which describes the orchid's short, blunt spur. The small green wood orchid was not recorded in Iowa for a century, until a small population was documented in northern Linn County in 1991.</p> <p>Height: 20 to 30 cm Flowers: late June to mid July Habitat: moist, sandy areas, often at woodland edges. Range: rare east central and eastern quarter Status: special concern</p>	 <p>Platanthera laevis Ragged-fringed orchid</p> <p><i>Laevis</i> derives from Latin <i>laevis</i> (harm), which describes this plant's deeply fringed lip. The ragged-fringed orchid was rediscovered in Iowa in 2002, seventy-three years after it was last recorded. It is known from three sites in far southeast Iowa, in what appear to be old savannas being overtaken by woods.</p> <p>Height: 15 to 50 cm Flowers: late June to mid July Habitat: moist savannas Range: southeast eighth Status: special concern</p>
 <p>Platanthera flava var. herbicola Tubercled orchid</p> <p>The species and variety names are from Latin <i>flava</i> (yellow), for the yellow-green color of this orchid's flowers, plus Latin <i>herbicola</i> (little plant).</p> <p>Height: 15 to 40 cm Flowers: late June to mid July Habitat: moist prairies, sedge meadows, disturbed moist woods, floodplain forests Range: northeast and east central Status: endangered</p>	 <p>Platanthera leucophaea Eastern prairie fringed orchid</p> <p><i>Leucophaea</i> derives from Greek <i>leukos</i> (white) and <i>phaios</i> (dusky), referring to the creamy or greenish white flowers. For a time the eastern prairie fringed orchid was feared to be extinct in Iowa. Fortunately, it was rediscovered—and protected—at several sites in the 1990s.</p> <p>Height: 20 to 130 cm Flowers: July Habitat: moist prairies, sedge meadows Range: east central, south central, southeast Status: endangered</p>

 <p>Aplectrum hyemiale Putty-root, Adam-and-Eve</p> <p><i>Aplectrum</i> comes from Greek <i>a</i> (without) and <i>plektron</i> (spear). The species name, Latin for "winter," is appropriate because this orchid's life cycle hinges on one overwintering leaf. Emerging after the forest canopy opens in late autumn, the leaf may continue photosynthesis until covered with snow; it withers in spring before the orchid blooms. <i>Aplectrum</i>'s corolla are filled with thick starch, providing the name putty-root; the corolla develop in pairs, the new joined to the old, hence the name Adam-and-Eve.</p> <p>Height: 20 to 50 cm Flowers: late May to mid June Habitat: moist, rich, deciduous upland woods Range: east and central</p>	 <p>Cypripedium calceolus var. parviflorum Small-flowered lady's-slipper</p> <p>The Greek goddess of love and beauty, <i>Kypris</i>, lends her name to the genus <i>Cypripedium</i>, one of Iowa's favorites; <i>Kypris</i> plus <i>pedalin</i> (slipper) or possibly <i>podion</i> (small foot). <i>Parviflorum</i> combines Latin <i>parvi</i> (small) and <i>florum</i> (flower).</p> <p>Height: 10 to 20 cm Flowers: mid May to mid June Habitat: moist prairies, sedge meadows, fern Range: northeast, east central, south</p>	 <p>Cypripedium calceolus var. pubescens Yellow lady's-slipper, yellow moccasin flower</p> <p><i>Pubescens</i>, from Latin for "hairy," refers to the downy hairs that cover much of this orchid's leaves and stem. <i>Cypripedium calceolus</i> is a highly adaptive species; it is found throughout most of Iowa in both moist upland woods and moist prairies. Once established from seed, a process that may take twenty years, an individual yellow lady's-slipper, like most terrestrial orchids, will reproduce by cloning from its rhizome; large, showy clumps may be more than sixty years old.</p> <p>Height: 20 to 80 cm Flowers: early May to early June Habitat: moist prairies; moist, deciduous upland woods Range: eastern four-fifths</p>	 <p>Galearis spectabilis Showy orchid</p> <p>The scientific name comes from Latin <i>galea</i> (helmet) and <i>spectabilis</i> (notable). Showy orchid is among the first woodland flowers to blossom each spring. An early to mid-successional species, it tolerates disturbance and is often found blooming near trails and at the edges of recent clearings.</p> <p>Height: 20 to 30 cm Flowers: early to mid May Habitat: moist deciduous woods Range: frequent northeast third, infrequent elsewhere</p>	 <p>Goodyera pubescens Rattlesnake orchid, downy rattlesnake plantain</p> <p>The genus is named for John Goodyer (1592–1664), an English botanist and herbalist. Latin <i>pubescens</i> describes the hairy appearance of its stem and evergreen leaves. Rattlesnake orchid is an uncommon species in Iowa; it favors moist, cool, more acidic soils, notably in white pine groves.</p> <p>Height: 15 to 40 cm Flowers: early July to early August Habitat: moist woods Range: eastern quarter</p>
 <p>Calopogon oklahomensis Oklahoma grass-pink</p> <p>The tufted bristles on the upward-pointing lip inspired the genus name, from Greek <i>kalos</i> (beautiful) and <i>pogon</i> (beard). The last collections of this orchid date from 1951 and 1957 in Linn County. The last unofficial report also comes from Linn County, in 1963.</p> <p>Height: 20 to 120 cm Flowers: early June to mid July Habitat: wet, sandy prairies Range: eastern third Status: special concern</p>	 <p>Calopogon tuberosus Common grass-pink</p> <p>Descriptive notes on the collection sites, from the late nineteenth through the early twentieth centuries, suggest that both <i>Calopogon tuberosus</i>, which favors moist, acidic soils and sphagnum mats in fens, and <i>C. oklahomensis</i>, found in moist, calcareous sites, may have once been more common in Iowa.</p> <p>Height: 20 to 120 cm Flowers: early June to mid July Habitat: wet, sandy prairies, fens Range: eastern third Status: special concern</p>	 <p>Cypripedium candidum Small white lady's-slipper</p> <p><i>Candidum</i> comes from Latin <i>candidus</i>, "shining white." This is usually the first of the prairie orchids to bloom, often when shooting stars are at their peak.</p> <p>Height: 20 to 40 cm Flowers: mid May to early June Habitat: moist prairies, sedge meadows, fern Range: throughout Status: special concern</p>		

Eastern Iowa Orchid Society

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The Eastern Iowa Orchid Society

A small group of people with a big love of growing orchids

www.easterniowaorchidsociety.org



The "Bat Orchid"! This Miltoniopsis exhibited by Natt's Orchids received the Best of Class in Oncidiums at our show. Look at the markings in the center of the flower! **Batman can't be far away!**

(Continued from page 1)

meeting will feature Andy Coghill-Behrends talking about native terrestrial orchids that grow in Iowa. Remember that we saw some of these on a field trip to MacBride Campus about a year ago. Start planning for our holiday party on Dec. 6th with your pot-luck treats. The club will again provide fried chicken and drinks. We should have some nice blooming gift orchids for each paid member of the club. We will not have a January meeting as it is too close to the holidays and weather often does not co-operate.

A number of folks signed up at the orchid show to receive this newsletter which is a bit abbreviated due to time constraints. I want to invite all of them to the November meeting which is open to the public. I encourage any and all interested in growing orchids to come and visit. Any of our meetings. In the spring we tentatively plan a couple meetings on beginning orchid growing and orchid care and repotting. Our April program is still open and I welcome ideas from club members.

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Hosts for Upcoming Meeting

Dorothy Hampton

Directions to the First United Methodist Church in Shueyville, Iowa

This is half way between Cedar Rapids and Iowa City, The church is located 1 mile EAST of Exit 10 (Swisher-Shueyville) off Interstate 380. Our meetings begin with a social time at 6:30 pm; followed by the official meeting and program at 7:00 pm. Meetings are free and open to anyone interested in orchids! Our club displays orchids at regional orchid shows and participates in American Orchid Society orchid judging. Meeting programs include beginning orchid growing, discussion about various types of orchids and orchid conservation, plus an auction and holiday party just for fun. Enjoy our website, easterniowaorchidsociety.org, read our newsletters, attend our Fall Orchid Show in Cedar Rapids, Iowa, and come join us at our next meeting!