

CONSERVATION NOTES

Mission: To promote conservation of natural resources through local leadership, education and technical assistance.

Welcome Urban Conservation Specialist Zach Bollheimer

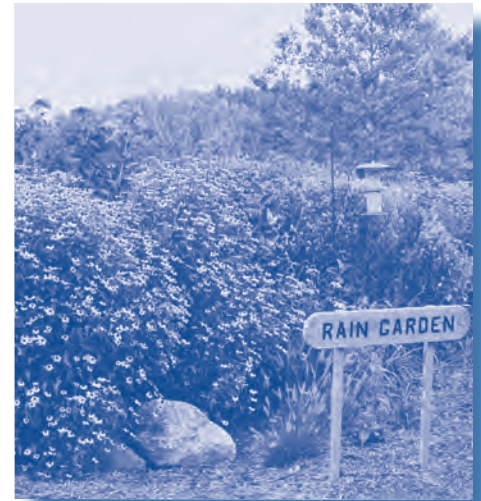
Licking Soil & Water welcomes Zach Bollheimer. As the Urban Conservation Specialist, Bollheimer will assist Licking Soil & Water serve the urban conservation needs of the county. Bollheimer is originally from the small farming town of Fort Loramie, OH. He graduated with a Bachelor's degree in Environmental Geography from Ohio University in 2012.

Before joining the Licking Soil & Water team, he led a natural resource management crew with the National Park Service at Cumberland Gap National Historic Park in Middlesboro, KY. Previously, he held a variety of positions related to soil and water conservation, including salmon habitat restoration efforts with the Washington Conservation Corps in Washington State, interning at the Ohio EPA Division of Surface Water, and working on an organic dairy farm.

In the coming months, Bollheimer will participate in several Soil & Water initiatives in both a technical and educational capacity. His main focus will be on stormwater, which is the water that originates from a rain or snow event. Bollheimer believes his biggest tasks will be detecting

and eliminating sources of polluted stormwater, continuing to map our current stormwater system, and ensuring clean stormwater through public participation, education, and outreach.

Outside of work, Bollheimer enjoys camping, bicycling, gardening, live music, and getting to know the local area. He is very happy to be serving the Licking County community and looks forward to meeting many of you this coming year.



Winter Snow and Spring Showers

After much wintery weather, the snow has turned to rain. As snow melts and rain falls, stormwater picks up pollutants as it flows over the landscape. Stormwater is the water running down the street and other impervious surfaces during and after a storm. Pollutants include lawn care products, oil, sediment, and pet waste. Unfortunately these pollutants are carried directly into rivers and streams. This means that pollutants are flowing untreated into drinking water sources.

(Continued on page 2)

**Tree Sale Details
Page 3 - 6**



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Winding Trails maple syrup originated on our family farm in the hills of Licking County Ohio.

This maple syrup was produced by collecting sap from sugar maple trees in March when the nights are cold and the days have enough warmth to hint of the coming spring. About fifty gallons of sap are boiled down to make one gallons of delicious maple syrup, the original, natural sweetener.

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(Stormwater, continued from page 1)

How can we reduce the pollution in stormwater? Some estimates put the amount of rain that flows off an average roof, over the course of a year, as enough to fill 500 bathtubs. Instead of allowing that rain to flow down the driveway or sidewalk and to the nearest storm drain, it is possible to divert the rain water. Here are three ways to help reduce stormwater:

1. Consider using a downspout extender to direct rain water onto lawns and landscaped areas.
2. Purchase a rain barrel or attend a rain barrel building workshop. Once attached to a downspout, the rain barrel directs rain water into the barrel. This action not only reduces stormwater, but it also supplies free fresh water for watering plants.
3. Investigate installing a rain garden and/or landscaping with native plants. Rain gardens are created with highly absorbent soil and the proper mix of plants to facilitate collecting water and letting it naturally soak into the ground. Native plants are acclimated to the local environment, and can provide food and shelter for local wildlife, including pollinators.

Next time you see water running down the street during or after a rain storm, consider what is in that water and how you can help to make that water cleaner. For more information about reducing stormwater or keeping our waterways healthy, contact Zach Bollheimer at zachbollheimer@lickingSWCD.com or (740) 670-5330. (Adapted from the Trumbull SWCD spring newsletter).



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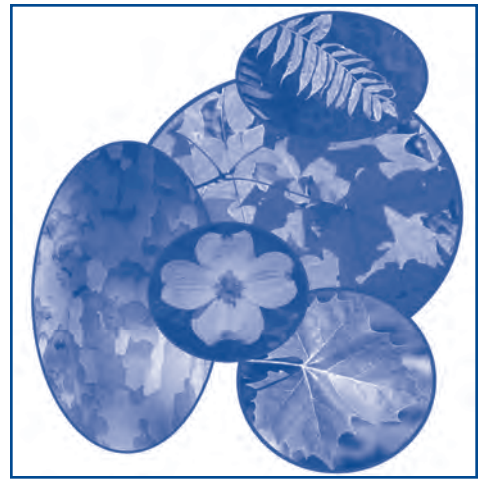
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2015



Seedling Tree Sale



Licking County Soil & Water Conservation District
771 East Main St., Suite 100 ~ Newark, OH 43055
www.lickingSWCD.com Phone: 740-670-5330 Fax: 740-670-5338

2015 Seedling Tree Sale Order Form

2-18-15 NL

Consider online ordering:
www.lickingswcd.com

Please print legibly.

Name _____

Address _____

City _____ St _____ Zip _____

Phone _____

E-mail _____

Email is needed for a friendly pick-up reminder.

Mail with Payment to: LCSWCD
771 East Main St., Suite 100
Newark, OH 43055

Key Dates:
March 27, 2015: Order Deadline
April 10, 2015: Pick-up Day

For Office Use Only

Count	Species	Price	Total
5-ct. Evergreen	_____	@ \$ 3.00 ea.	_____
5-ct. Evergreen	_____	@ \$ 3.00 ea.	_____
5-ct. Evergreen	_____	@ \$ 3.00 ea.	_____
25-ct. Evergreen	_____	@ \$ 13.00 ea.	_____
25-ct. Evergreen	_____	@ \$ 13.00 ea.	_____
25-ct. Evergreen	_____	@ \$ 13.00 ea.	_____
100-ct. Evergreen	_____	@ \$ 42.00 ea.	_____
100-ct. Evergreen	_____	@ \$ 42.00 ea.	_____
5-ct. Deciduous	_____	@ \$ 6.00 ea.	_____
5-ct. Deciduous	_____	@ \$ 6.00 ea.	_____
5-ct. Deciduous	_____	@ \$ 6.00 ea.	_____
5-ct. Deciduous	_____	@ \$ 6.00 ea.	_____
25-ct. Deciduous	_____	@ \$ 25.00 ea.	_____
25-ct. Deciduous	_____	@ \$ 25.00 ea.	_____
25-ct. Deciduous	_____	@ \$ 25.00 ea.	_____
25-ct. Deciduous	_____	@ \$ 25.00 ea.	_____
100-ct. Deciduous	_____	@ \$ 82.00 ea.	_____
100-ct. Deciduous	_____	@ \$ 82.00 ea.	_____
100-ct. Deciduous	_____	@ \$ 82.00 ea.	_____
Wildflower Seeds	# _____	@ \$ 4.00 ea.	_____
Marking Flags	# _____	@ \$ 0.10 ea.	_____
Dibble Bar (purchase)	# _____	@ \$ 55.00 ea.	_____
Dibble Bar Rental (deposit required)	# _____	@ \$ 55.00 ea.	_____
Donation for Education Programs	_____		_____
TOTAL ENCLOSED			\$ _____

PLEASE NOTE: All orders are subject to availability. Orders are filled on a first-come, first-served basis. There is no limit to the number of seedling trees ordered. Please include payment with your order. **All orders are due by Friday, March 27, 2015. Pick-up date is Friday, April 10, 2015, 8:30 a.m. to 7:00 p.m.,** at the Licking County Soil & Water Conservation District office. All trees are state and federally inspected. We may need to make reasonable substitutions based on availability of certain species. **All trees are bare-root seedlings four (4) to eighteen (18) inches in height.**



WILDFLOWER SEED:

One ounce (1 oz.) of annual and perennials seeds sow 100 to 200 square feet, \$4.00. Tentative species: Partridge Pea, Lanceleaf Coreopsis, Blackeyed Susan, Purple Coneflower, Marsh Blazing Star, Butterfly Milkweed, Nodding Onion, New England Aster, Little Bluestem, Virginia Wildrye, Rattlesnakemaster, Tall White Beardtongue, Ohio Spiderwort, Sulphur Cosmos, Cosmos, Annual Gaillardia, and California Orange Poppy

Dibble Bars

for Sale
\$55

for Rent
\$55
refundable deposit



Tree Selection Considerations

- 1. Why is this tree being planted?** Consider uses and environmental benefits including shade, fruit, seasonal color, windbreak or screen, and wildlife habitat.
- 2. What is the size and location of the planting site?** Consider mature tree size; nearby overhead or underground utilities; building foundations; septic tanks and leach fields; property lines; or other barriers that can restrict growth. **Locate all underground utilities prior to digging by calling the Ohio Utilities Protection Service (OUPS) at 1-800-362-2764.**
- 3. What soil types exist?** Consider the soil type, depth, fertility, compaction, moisture, and drainage.
- 4. How much sun or shade exists?** Consider the number of hours of sun or shade on most summer days.



2015 Rain Barrel Order Form

(3-16-2015-TS/NL)

Name _____
 Address _____
 City _____ St _____ Zip _____
 Phone _____
 E-mail _____



Barrels may be picked up at the Soil & Water office. Please call first, 740-670-5330, to confirm availability.

55g Rain Barrel: # _____ x \$ 65.00 ea. \$ _____
 Un-plumbed Barrel: # _____ x \$ 30.00 ea. \$ _____
 Discount: \$5/ barrel if ordering 3 or more \$ - _____
 Donation for Education Programs \$ _____
Total \$ _____

Reserve your rain barrel now by ordering at www.lickingSWCD.com, by phone at 740-670-5330, or by mail with payment to: Licking SWCD, 771 E. Main St., Suite 100, Newark, OH 43055.

Seedling Tree Descriptions

	Tree/Shrub Name	Mature Height	Mature Width	Soil Moisture	Soil pH	Growth Rate	Light	Comments/Uses
Evergreens	Eastern White Cedar/ American Arborvitae <i>Thuja occidentalis</i> (4"-8")	20' - 60'	10' - 15'	M, W	A	S-M	S	well-adapted to wide-range of soil types and moisture levels, wildlife, wood products
	Norway Spruce <i>Picea abies</i> (10"-18")	60' - 80'	20' - 40'	D, M, W	A, N	F	S	landscaping, windbreaks, wildlife
	White Pine <i>Pinus strobus</i> (7"-10")	60' - 80'	20' - 40'	M	A, N	F	S	windbreaks, timber, wildlife
Deciduous Trees	Bald Cypress (6"-12") <i>Taxodium distichum</i>	50' - 100'	20' - 40'	D, M, W	A	M	S, P	deciduous conifer, wetland species, timber, wildlife
	American Sweetgum <i>Liquidambar styraciflua</i>	30' - 50'	15' - 30'	M, W	A, N	M-F	S	gold-orange-burgundy fall color, landscape
	American Redbud <i>Cercis canadensis</i> (6"-12")	25' - 30'	26' - 33'	M, W	B	M	S, P	adaptable, abundant lavender flowers
	Black Gum/Tupelo <i>Nyssa sylvatica</i> (6"-12")	60' - 90'	20' - 30'	W	A	M	S, P	glossy dark green summer foliage and outstanding autumn foliage colors
	Black Walnut (6"-12") <i>Juglans nigra</i>	50' - 70'	50' - 70'	D, M, W	A, N	F	S	nuts, timber, wildlife
	Hackberry <i>Celtis occidentalis</i> (6"-12")	50' - 60'	70' - 80'	D, M, W	N	M-F	S	adaptable, interesting bark, fruit loved by Bluebirds and other wildlife
	Kentucky Coffeetree (6"-12") <i>Gymnocladus dioica</i>	70' - 80'	40' - 50'	M, W	N, B	S	S, P	fruit pods on female trees, some parts poisonous to humans and livestock
	Ohio Buckeye <i>Aesculus glabra</i> (6"-12")	45' - 70'	20' - 30'	M	A, N	M-F	S, P, SH	Ohio's State Tree, creamy white flowers, early to leaf out in spring, poisonous to humans and livestock
	Red Oak <i>Quercus rubra</i> (6"-12")	50' - 60'	50' - 60'	D, M	N	F	S	tolerates dry conditions, landscape, timber
	Sassafras (6"-12") <i>Sassafras albidum</i>	40' - 50'	20' - 30'	M, W	A	F	S, P	fall color, twigs have spicy aroma, tea can be made from roots, multiple leaf forms
	Shellbark Hickory <i>Carya laciniosa</i> (6"-12")	100' - 120'	74' - 80'	W	A	M	S, P	does great in floodplains, bottom lands and flatlands that do not drain quickly
	Smooth Sumac <i>Rhus glabra</i> (6"-12")	12' - 15'	12' - 15'	D, M	N	F	S	interesting structure, flowers & fruit, great fall color, very adaptable (except wet soils), beneficial to wildlife
	Sugar Maple <i>Acer saccharum</i>	60' - 80'	20' - 40'	M	N	S-M	S	landscaping, timber, orange fall color, maple syrup
	Sycamore (6"-12") <i>Platanus occidentalis</i>	70' - 90'	50' - 60'	M, W	N	M-F	S, P	interesting bark, tolerates wet, well-drained soils
	Tuliptree (6"-12") <i>Liriodendron tulipifera</i>	70' - 90'	35' - 45'	M	N	F	S	yellow-orange flowers, timber
	White Flowering Dogwood <i>Cornus florida</i> (6"-12")	20' - 30'	20' - 25'	M	A	S	S, P	four-season appeal, white flowers, red-purple fall color
White Oak <i>Quercus alba</i> (6"-12")	50' - 70'	50' - 70'	D, M, W	N	S-M	S, P	timber, very beneficial to wildlife and ecosystems	
Soil Moisture: D = dry M = medium W = wet				Soil pH: A = acidic (6.5 -or less) N = normal pH (6.5 - 7.5) B = basic/alkaline (7.5 or more)				
Light: S = sun P = part sun/shade SH = shade				Growth Rate: S = slow 2"-6"/year M = medium 6"-12"/year F = fast 12"+/year				
For more plant information, visit: http://forestry.ohiodnr.gov/trees, http://plants.usda.gov/java/ or search the web for a specific plant.								



Norway Spruce

Ohio Division of Forestry



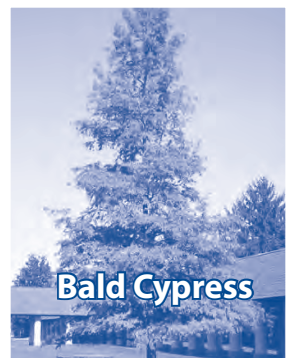
White Pine

Missouri Botanical Garden



Arborvitae

PLANTS NRCS



Bald Cypress

Ballamine U.



Black Walnut

Arbor Day Foundation



Red Oak

Missouri Botanical Garden



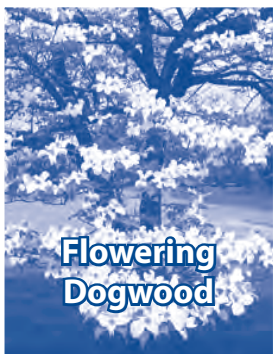
Sugar Maple

Ohio Division of Forestry



White Oak

Arbor Day Foundation



Flowering Dogwood

Arbor Day Foundation



Redbud

Arbor Day Foundation



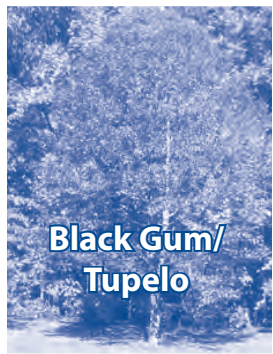
Shellbark Hickory

Arbor Day Foundation



Ohio Buckeye

Purdue U. Extension



**Black Gum/
Tupelo**

Erv Evans, NC State U.



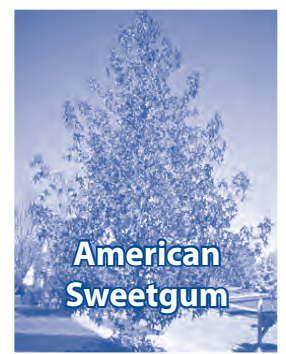
Tuliptree

Netstate.com



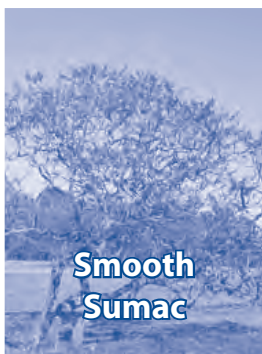
Sassafras

Ohio Division of Forestry



American Sweetgum

Ohio Division of Forestry



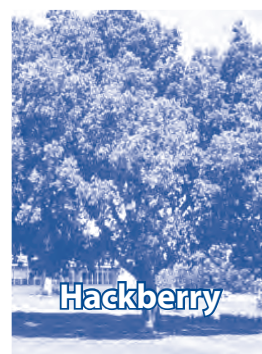
Smooth Sumac

Ohio Division of Forestry



Kentucky Coffeetree

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Hackberry

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Sycamore

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This newsletter is a quarterly publication of the Licking County Soil & Water Conservation District
771 E. Main Street, Suite 100
Newark, OH 43055
740-670-5330
www.lickingSWCD.com

Advertising in this newsletter does not constitute an endorsement by the Licking County Soil & Water Conservation District supervisors or staff.

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Spring
2015



Licking County Soil & Water
Conservation District Office
740-670-5330 * www.lickingSWCD.com

Consider electronic delivery to help conserve natural resources and reduce postage costs. Email information@lickingSWCD.com to sign up. For updates and more activities, visit www.lickingSWCD.com/calendar.

Programs in Partnership with Park District

DIY Rain Barrel Workshop: Saturday June 13 from 10 a.m. – 12 p.m. at Kraner Nature Center, 10383 Fairview Rd, Newark. Cost: \$50.00

Stream Team Water Quality Monitor Workshops: Sunday, April 19 from 6 – 8 p.m. at Lobdell Reserve, Disc Golf Parking Area on Battee Rd, Alexandria and Thursday, June 25 from 6 – 8 p.m. at Riverview Preserve, 375 Ohio Street, Newark. Cost: Free

Project Learning Tree Educator Workshop: Tuesday, June 23 from 9 a.m. – 4 p.m. at Kraner Nature Center, 10383 Fairview Rd, Newark. Project Learning Tree (PLT) helps educators with balanced, non-biased learning experiences for early childhood through 12th grade that encompass the total environment -- land, air, water, plants, and animals -- including humans. PLT activities are correlated to state and national education standards. PLT uses the forest as a "window" into the natural world, helping young people gain an awareness and knowledge of the world around them, as well as their place within it. PLT works in the city or the country, indoors or out-of-doors, whether there is a single tree or a forest. Visit <http://forestry.ohiodnr.gov/plt> to learn more about PLT. Cost: \$10 Licking County educator or resident, \$25 out of county.

Pre-registration is required due to limited space. RSVP by calling 740-670-5330 or e-mail information@lickingswcd.com.

Important Dates

NOW: Tree Sale

Mar 24-31 Farmworker Awareness Week

Mar 27: Seedling Tree Sale Order Deadline

Mar 28: Master Gardener Conference

Apr 10: Tree Sale Pick Up Day

Apr 13: Tree Pick Up for Schools

Apr 15: LCSWCD Board Meeting

Apr 18: Tire Recycling Drop-Off, Union Twp

Apr 19: Stream Team Training

Apr 21: Tri-County Envirothon

Apr 21: Middle School Envirothon

May 6: Area 3 Envirothon

May 16: Countywide Tire Recycling Day

Jun 13: Rain Barrel Workshop

Jun 23: Project Learning Tree Workshop

More events at www.lickingSWCD.com/calendar.