

April 26, 2017

Articles FOR CHESTERFIELD CITIZENS NEWSLETTER FROM CITIZENS COMMITTEE FOR THE ENVIRONMENT for June, July, August 2017

18 Monarch/Pollinator Nexus Honorees from businesses, organizations, schools in the Heart of Chesterfield!

18 Honorees at the NOON Conservation Honors portion of our community’s 26th Earth Day are located at sites which are professional, educational, City & County public spaces, medical, business and biochemical in function. Each was given The Monarch/Pollinator Nexus Certificate to show they are a part of the series of native flora gardens/landscapes in the heart of Chesterfield which are particularly supportive of the diversity of pollinators, most recently the Monarch Butterfly. Over 17 years the resident members of the Chesterfield Citizens Committee for the Environment (CCE)/National Wildlife Federation Community Habitat Team have worked with our community members to enhance ‘natural world systems’ which, in turn, helps the health of our pollinators and quality nature in the habitat in which we live.

While hundreds of resident families have native habitat gardens, they are private. These 18 Monarch/Pollinator Nexus Honorees can be viewed by either driving by or walking by on public sidewalks. Some sites are within our Nationally-Accredited Parks System which is public space.

*Chesterfield City Hall*Chesterfield Road Medians*St. John’s U.C.C.*The Butterfly House*Governor Bates’ Prairie/Faust Park*Grow Native! Demonstration Garden/Faust Park*Chesterfield Village Apartments*Sachs County Library*YMCA-Chesterfield*Amphitheater/Central Park*Pavilion/Pool Area Central Park*Dierberg’s Meditation Park*Eberwein Park*Chesterfield Professional Park/Doctors’ Building*Monsanto/Pfizer Chesterfield*Chesterfield Elementary School (Rockwood)*Green Trails Elementary School (Parkway)*Friendship Village Chesterfield* ***Congratulations Chesterfield!!!***

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CCE ACHIEVES St. Louis County/Dept. of Health – Waste Management Group 2017 Competitive Recycling Grant!

Throughout 2016, the members of CCE studied what was successful or not in Public Space Recycling Practices, focusing on our region. Approximately 30 surrounding communities and organizations were contacted for their opinions and a Field Study was conducted of what was or not available in our Parks for recycling. In between meetings, several members wrote this grant and then delivered it to their City CCE Committee Liaisons. A part of this Grant Application focused on our community’s successes with recycling practices from the 1990’s forward to our recent, great community success with THE HOUSEHOLD CHALLENGE. CCE asked its households to please recycle just one more pound of recyclables from 11/15 – 11/16, and the community surpassed expectations by recycling (X # POUNDS MORE - - PLEASE GET FROM LIBBEY TUCKER) numerous pounds per household more! Chesterfield’s ‘conservation ethics’ are widely acknowledged and played a part in this Grant and with its being awarded to our City! The Grant will focus on the Amphitheater Area, the most diversely attended and multiculturally attended area in

our Parks System. The Grant will start later this FALL in an effort to simplify and standardize recycling in our Parks System...and we will be asking our community to HELP with its delivery!!! CONGRATULATIONS CHESTERFIELD!!!

*******CAPS RECYCLE CURBSIDE, LIDS, ACEPTICS and #6 Plastics TOO!**

Help maximize our community's "All in One" curbside recycling opportunities by getting a copy of the "All-In-One" Curbside Recycling Flyer at City Hall! Help to control "**plastic bags**" *recycling at most grocery stores! NOT in the curbside recycling program!* Through your positive recycling practices, we help assure quality collections of recyclables. And, through time, more domestic, local remanufacturers become sustainable partners! Help assure quality collections of recyclables – see the city's website atXXXXXX for All-in-One Curbside Recycling Flyers and Chesterfield What and Where to Recycle Flyers! Help sustain maximum recycling volumes for our community! Thank you, Chesterfield!

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Plastic Bags, NOT CURBSIDE.

"Nearly 1 Million Plastic Bags are Used Every Minute," the Summer '15 Edition of Missouri Resources , p. 24, tells us! "Plastic bags that are not properly disposed of or recycled can find their way into streams and waterways and eventually end up in the ocean, where they can take up to 1000 years to break down," p. 24. It's of the utmost importance that plastic bags are disposed of **properly**. Otherwise, they create harmful debris and unsightly litter. Whales, birds, seals, and turtles die each year after becoming entangled with bags or mistaking them for food. Bags can be recycled into plastic lumber, planters for gardening, playground equipment, pipes, new plastic bags and other products. **Our hauler does not accept plastic bags in the curbside recycle units because they become tangled in their machinery. Please recycle plastic bags at most grocery stores.** Check out: Chesterfield What and Where to Recycle, newly updated, and Plastic Bags? Flyers are at city hall or on the city's web site: XXXXX.

At Earth Day, handmade recycled cloth 'sleeves' were given away to help 'save' used grocery bags as a reminder to recycle the used plastic bags once the 'saver sleeve' is full. Please remember to reuse the emptied 'sleeves.' {Maybe get photos at Earth Day.....}

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BIRDS - - Why Care? Sustainable Gardens Help Birds Help Us...

Life would be tough without birds...consider 'ecosystem services' in your own backyard: +insect pest control, +cleanup + road kill, +free shipping + dispersal of seeds, +environmental monitoring, +pollination, +fertilizer, +alarm cries/messengers, +infuse beauty & music into your landscape...please help birds in your backyards with feeders and houses! Birds help the health of sustainable gardens, and the web-of-life!

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National Pollinator's Week June 19 – 25, 2017!

The U.S. Fish and Wildlife Service tells us that 75% of flowering plants and nearly 75% of our crops are pollinated by the biodiversity of pollinators! Help sustain butterflies and pollinator diversity: +Add your pollinator garden to Chesterfield's Certified Community Wildlife Habitat through the National Wildlife Federation (NWF)/efile @city's

websiteXXX +Install native flowering plants, +Cultivate types and colors, +Use continuous bloomers, +Plant ‘host’ plants, +Place flat stones in your garden for butterflies to rest/bask in the sun, +Give a place for ‘puddling’ and drinking water, and visit www.nwf.org/gardenforwildlife for more information! Please certify your garden with the NWF to help sustain Chesterfield’s *twelfth* NWF Certified Community Wildlife Habitat! Get a copy of *The 4 P’s Make Chesterfield A Better Place Brochure* at City Hall or on the city’s website at XXXXXXXXXXXXXXXX. Also look up the Pollinators Home Page on the U.S. Fish & Wildlife Service website.

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Ranger Rick Connects Youth and Families with Pollinators and Nature at Earth Day!!! Ranger Rick helped families and youth receive information from the National Wildlife Federation on pollinators so they could become Monarch Butterfly Heroes! Ranger Rick is the National Wildlife Federation’s Mascot! (Pictures here please.) GO CHESTERFIELD CHILDREN!!! Also, the children received the special CREATE Gardens card and The 4 P’s Make Chesterfield A Better Place Brochure to help them connect: pollinators/plants/produce/people throughout our Parks System and Community!

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National Wildlife Federation Recertifies Chesterfield’s Community Wildlife Habitat for 12th Consecutive Year! (Libbey Tucker will have a Photo of the Mayor receiving this Certificate, please.)

Since Spring, 2005, when our city received its Certified Community Wildlife Habitat Status of Exceptional Merit from the National Wildlife Federation (NWF), the Citizens Committee for the Environment (CCE) and our entire community have sustained *our* community wildlife habitat growing and evolving! CCE has added NWF Certified Habitat Gardens, provided sustainable gardening education, and has held events focused on ‘sustainability’ throughout the previous year, adding sustainability metrics to our city’s original Certification. For those efforts, our community continues ‘recertified’ and ‘active’ as our State’s **FIRST and only** and our Country’s **NINTH** NWF Certified Community! There are approximately 180 NWF Certified Communities throughout the U.S.A. in approximately 25 states. For more information, check out our city’s website to register your biodiverse-friendly gardening ‘metrics’ *especially for pollinators and Monarch Butterflies* at home, at work, at school or house of worship! All of our community’s efforts are filed in the NWF’s main computer-friendly system in Reston, Virginia!

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Without Plants, We’re Toast...a new brochure written and produced by the Citizens Committee for the Environment (CCE) is **now** available on line or in limited printed copies at city hall. This brochure makes the critical connection between plants and people of all ages, shows the critical importance of plants to our everyday lives; lets citizens/residents know that individual actions can and do make a difference with respect to native plants, biodiversity and the health of species critical to both plant and human life; encourages citizens/residents of all ages to engage in individual and community actions which result in positive change to Chesterfield’s environments, and creates a source for citizens/residents to be able to consult for online information about plants as well as a variety of actions that can be undertaken to improve yards, schoolyards, and

common areas in terms of plants and wildlife. *This Brochure is especially important for sustainable gardening, BiAnnual Grow-Off competitors AND our NWF Certified Community Wildlife Habitat!~*

Be Out There, Families!

In the US, most parents worry that a lack of time in Nature is a serious problem for today's kids (p. 20, Nature Conservancy, 4-5/14). USA children use computers 73% of their time vs. in China 35%, so "Turn Family 'Screen Time' to 'Green Time'" – please consider: www.nwf.org/BeOutThere, www.nwf.org/gardenforwildlife, www.greenhour.org, www.childrenandnature.org, www.backyardcampout.org, www.nwf.org/get-outside, www.nwf.org/treehouse, or www.RangerRickTrails.com!

International Compost Awareness- 5/7-13/17- a sustainable gardening practice!

Grasscycling ("leave it on the lawn" programs) and landscaping with native plants that need little water and produce little waste (xeriscaping), help reduce yardwastes! Yardwaste recycles into compost and helps to avoid chemicals with negative effects in our fresh water systems. *Check how to compost with CCE's new Backyard Composting Flyer, a sustainable gardening practice. Check out CCE's What and Where to Recycle Flyer to help direct your 'trunkloads' of yardwastes for composting. Both FLYERS are on the City's website at XXXXXXXXXXXXXXXXXXXXXXXX.*

Consumer Electronics Recycling: consumer electronics make up – 1 – 2% of Municipal Solid Waste (p. 24, Missouri Resources, Spring, 2014)! Please recycle on Earth Day every Earth Day AND every Chesterfield/Missouri/America Recycles Day Event in November 4, 2017. See www.chesterfield.mo.us. Help keep electronics out of landfills because electronics can be recycled and create jobs!

Celebrate Fresh Water on 6/5/17 World Environment Day- - - a diminishing natural resource...

- 2.5% of the Earth's water is fresh...
- 68.6% of fresh water is locked in glaciers and ice caps...
- 37% of the 127 trillion gallons of fresh water withdrawn in the U.S. each year that's used for irrigation...
- 2,900 gallons of water needed to make one pair of jeans...
- 1,847 gallons of water needed to produce one pound of beef...
- 146 gallons of water needed to produce one pound of corn...
- 35.7 gallons of water needed to make one egg...
- 400 gallons of water used daily by an average U.S. household...
- 4.25 gallons of water to flush a conventional toilet...
- 1.6 gallons of water to flush a low-flow toilet...

(Audubon, 11-12/12, p. 21)

Nature Hydrates...each person needs 20 – 50 liters of fresh water a day to meet their basic needs for drinking, cooking and cleaning (World Water Assessment, p. 18, Nature Conservancy, 4-5/14). *Get a copy of CCE's "Water - - A Most Precious Resource" to*

focus and learn about local Bonhomme and Caulks Creek! Plan ahead for CCE's November 4, 2017, Chesterfield/MO/America Recycles Day Event - - because prescriptions and meds will again be collected for proper disposal to help keep these chemicals out of fresh water sources. Thank you!

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Missouri Arbor Day at Parks HQ Building (Please add photo, Libbey & Tom McCarthy.)

On April 8, 2017, the Citizens Committee for the Environment (CCE) was joined by Parks, Recreation and Arts Citizen Advisory Committee, Parks Director Tom McCarthy and Steve Jarvis to plant 4 new native trees at there. Two white oaks and two blackgums were successfully planted. This is reforestation since state and national Arbor Day were first observed in 1990 in Chesterfield!

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National Arbor Day Celebrated 4/28/17 at Eberwein Park (Please add photos from Tom McCarthy)

The Citizens Committee for the Environment teamed up with the Older Adults Task Force to plant native flora at Eberwein Park directed by City Arborist Geoff Wegzryn and Parks Director Tom McCarthy. X native trees were planted (PLEASE CHECK WITH GEOFF W. ON THIS POINT).

NOTICES:

Hi, Libbey, and Lisa - - NOTE: Mitch Leachman/SLAudubon has submitted 2 articles: one about cats and one about Bring Conservation Home, which I believe is on our CCE Page of the city's website. Please add any graphics and please add city web pages as cited...thank you! There are a lot of articles, but better than none. Also, there are referenced photographs throughout and some will need to be taken at Earth Day.....You do know how much we appreciate all of you!!! Thank you, For CCE, dsc.