

PLANIT NATIVE LANDSCAPES CONFERENCE

SEPTEMBER 18-20, 2019 **INTERCONTINENTAL HOTEL** KANSAS CITY, MO **PRESENTED BY THE WILLIAM T. KEMPER FOUNDATION**





f /PLANITNATIVE 🕥 @PLANITNATIVE

The Mission of The Westport Garden Club is to share the love of gardening through education, action and creative expression in the fields of horticulture and conservation.

The Westport Garden Club

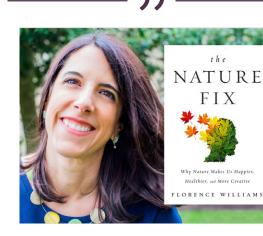
Presenting Sponsor of Keynote Speaker, Florence Williams Plan It Native 2019!

The Westport Garden Club is a member of the Garden Club of America, which was founded in 1913 by 12 clubs and now has 200 clubs in 12 zones. They have remained dedicated to their original objectives:

_____ 66 _____

To stimulate the knowledge and love of gardening, to share the advantages of association by means of open meetings, conferences, correspondence and publications; to restore, improve, and protect the quality of the environment through programs and action in the field of conservation, civic improvement and education.

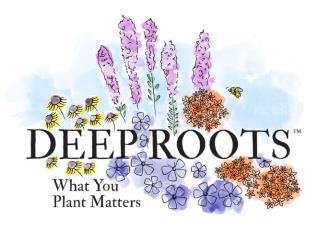
The Westport Garden Club is pleased to present Florence Williams, author of The Nature Fix!





We agree with Ms. Williams that nature is an essential ingredient for human well-being!

www.thewestportgardenclub.org



WELCOME TO PLAN IT NATIVE!

Thank you for joining us to celebrate and learn more about native plants. As you well know, native plants are critical to our natural systems. During this conference, we hope you enjoy meeting your peers, learning new skills, and finding a little inspiration along the way.

Plan It Native is organized by Deep Roots KC. Deep Roots is a collective impact organization of multisector partners. Together with our partners, we work to increase native plant landscapes. Our mission is to encourage the appreciation, conservation, and use of native plants in the heartland through educating, collaborating, and facilitating the planting of regenerative landscapes that are essential for a healthy planet.

Thank you to the members of our Planning Committees and the multitude of volunteers who brought this conference to fruition. Plan It Native came about because of the energy, enthusiasm, and vision of these volunteers.

William Roth Gibson, 2019 Plan It Native ChairNoel ChallisLinda LehrbaumStacey DavisLarry O'DonnellMargo FarnsworthEric TschanzKathy GatesStephen Van Rhein

Stacia B. Stelk, Executive Director Sarah Beier, Conference Coordinator Elizabeth W. Fischer, Administrator Mary Petropoulos, Intern KCP&L is focused on making the communities we serve better places to live, work and succeed

Proud to sponsor the Plan It Native Landscapes Conference



The Nature Conservancy

BECOME A MEMBER AT **NATURE.ORG**

SCHEDULE Thursday, Sept. 19



LANDSCAPES SMALL & LARGE

PLANTS DO IT FOR THE BIRDS AND THE BEES

PUT SOME PLANT POWER IN YOUR BUSINESS

	7:30am - 9:00am	Location
	Registration and Hospitality Desks Open	Salon Level
	Exhibits Open, Breakfast & Coffee Served	Exhibit Space
	9:00am - 10:00am	
	Welcome	Salon 1
	Plenary Session People, Prairie, Place Doug Ladd	Salon 1
	10:15am - 11:05am	
	Basics of Propagating Native Plants Natasha Thomas-North	Rooftop Ballroom
Č	Biocontrol Pollinators: The Garden's Superheroes Tom Schroeder	Salon 2
*	Greener Towns and the Bloom Box Initiative: Lessons From Nebraska Justin Evertson & Rachel Anderson	Salon 3
	Finding Your Niche: Establishing an Ecological Focus for Your Firm Larry Weaner	Salon 1
	11:20am - 12:10pm	
Č	Native Edibles in Urban Landscapes Nadia Navarrete-Tindall	Salon 3
*	Regenerating Suburbia, One Garden at a Time Nadia Malarkey	Salon 2
	Rethinking Landscape Management Practices Benjamin Vogt	Rooftop Ballroom
	12:30pm - 1:30pm	
	Lunch	Salon 1
	2:00pm - 2:50pm	
ě	Attracting Birds to Properties Large and Small Stephen W. Kress	Salon 1
*	Community Vitality and Resilience Through Landscape Design Elise Hubbard & Bob Berkebile	Salon 3
	Plant Layering and Ground Cover Strategies: Sedges and Companion Natives Elliott Duemler	Salon 2
	3:05pm - 3:55pm	
Ă	Embracing Horticulture Ecology: Gardening With Insects! Alan Branhagen	Salon 1
*	Native Landscapes - Between Nature, Desire, and Design Julie Sajtar & Ann Weiland	Salon 2
	Regenerative Design: Soil Carbon Management in Specifications and Native Plantings Hilary Noonan	Salon 3
	4:00pm	
	Break	
	6:00pm - 8:00pm	

Keynote Dinner with Florence Williams

SCHEDULE Friday, Sept. 20



Landscape Architects: All presentations are approved for CEUs. Please report each session you attend by visiting the LA CES station at the registration desk.

8:00am - 9:00am	
Registration and Hospitality Desks Open	Salon Level
Exhibits Open, Breakfast & Coffee Served	Exhibit Space
9:00am - 9:50am	
Plenary Session Monarchs' Ecology, Their Fragmented Habitat, and Native Landscaping to Create Habitat Connectivity Rebeca Quiñonez-Piñón	Salon 1
10:05am - 10:55am	
Asters and Goldenrods: Autumn's Pollinator Banquet Heather Holm	Salon 1
Omaha's Lauritzen Gardens: Not Just a Pretty Place Victoria Schoell-Schafer & Jim Locklear	Salon 3
Right-Sized Native Gardens: Success at Home and in Your Community Scott Woodbury	Salon 2
11:10am - 12:00pm	
Landscaping With Natives: Overcoming Common Legal Obstacles Bruce Morrison	Salon 2
Green Infrastructure: Managing Stormwater in the Climate Change Era Trevor Smith	Salon 1
How to Market Native Plants: Experience From Missouri Prairie Foundation's Grow Native! Program Carol Davit	Salon 3
11:10am	

Exhibit Hall, Hospitality, and Registration Desks Close

Plan It Native 2019 Keynote Speaker Florence Williams

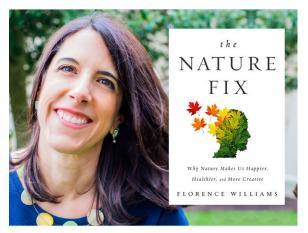


Photo Credit: Sue Barr

Florence Williams is a journalist, essayist, author, and podcaster. She is a contributing editor at Outside Magazine and a freelance writer for the New York Times, New York Times Magazine, National Geographic, The New York Review of Books, Slate, Mother Jones, and numerous other publications. A fellow at the Center for Humans and Nature and a visiting scholar at George Washington University, her work focuses on the environment, health, and science. Her first book, BREASTS: A Natural and Unnatural History received the Los Angeles Times Book Prize in science and technology and the 2013 Audie in general nonfiction. It was also named a notable book of 2012 by the New York Times. Her most recent book, The Nature Fix, was an Audible bestseller and was named a top summer read by J.P Morgan. Florence was named "Author of the Week" by The Week in May, 2012. She holds an MFA in creative writing from the University of Montana. Florence serves on the board of her favorite non-profit, High Country News, and lives with her family in Washington, D.C.

SESSIONS

THURSDAY, SEPT. 19

Basics of Propagating Native Plants Natasha Thomas-North

Growing native plants in a controlled environment is new for the horticulture industry. Propagating natives is a science and much of what most people know about growing plants doesn't directly apply to native plants. In this session, many tricks, methods, approaches, and challenges to successfully propagating plants will be discussed.

Biocontrol Pollinators: The Garden's Superheroes — Tom Schroeder

Straight from science fiction films (cue suspenseful music!): Larvae which consume beetle grubs from the inside out, bursting forth as fully-formed adults; creatures which gobble all the aphids in sight, or divebomb and paralyze leaf-munching grasshoppers. Are they truly evil, or are they good? They are Biocontrol Pollinators—birds, wasps, flies, beetles, and the rare Elephant Mosquito—that not only control unwanted insects, but serve as pollinators themselves! We will look at their amazing, superhero coloration and mimicry, life cycles, the damaging insects they help control, and strategies for increasing these beneficial garden heroes.

Greener Towns and the Bloom Box Initiative: Lessons From Nebraska Justin Evertson & Rachel Anderson

Rural communities rarely have the resources or technical expertise to invest in green infrastructure and sustainability. Challenges include lost tree canopy, poor biodiversity, invasive species, stormwater management, water shortages, and digital-age disconnection. Learn how three Nebraska state agencies (the Statewide Arboretum, Forest Service, and Environmental Trust) have banded together to create two innovative and inspiring programs: Greener Nebraska Towns, which engages communities in managing their public green spaces, and the Bloom Box initiative, which delivers a box of hand-selected native plants and garden design instructions directly to participants' doorsteps.



Finding Your Niche: Establishing an Ecological Focus for Your Firm Larry Weaner

Demand for ecologically-beneficial landscapes is increasing, and businesses which respond enjoy an expanded client base and an invigorated creative atmosphere. But all this requires knowledge and skills rarely taught in horticulture and design programs. How can we establish a respected, visible presence in the fields of ecological landscape design and management? Learn about local plant communities and design projects modeled on regional ecosystems; acquire practical design, restoration, and management techniques, and discover new ways to grow your skills and businesses.

Native Edibles in Urban Landscapes Nadia Navarrete-Tindall

Many Midwestern natives have edible components which offer delectable new flavors and robust nutrition. Learn to incorporate native edibles into your farm or garden, such as wild plum, persimmon, spicebush, elderberry, sumacs, New Jersey tea, leadplant, cup plant, wild leeks, goldenglow, nettles, groundnut, sunchoke, bergamot, mountain mints, and purple poppy mallow. You'll be provided with plant or seed sources, cultivation methods, harvesting and cooking methods, recipes, and even hints for considering their potential as a source of income. All senses will be engaged at this session, which features a display of live and preserved plants, and tastings of native drink and food.

Regenerating Suburbia, One Garden at a Time — Nadia Malarkey

Forty-five million acres of U.S. lawns account for more tons of toxic pesticides per acre than those used for agriculture. The suburban aesthetic has also produced large-scale habitat loss, reduced biodiversity, depleted soils, dramatically reduced birds, pollinators and keystone species, and accelerated climate change. Is it possible for suburban landscapes to be beautiful, but function as bio-diverse habitat that sequesters carbon and inspires suburbanites with a deep sense of environmental stewardship? Nadia shares her philosophy and images of the regeneration of suburbia, using spatial design principles and a native plant aesthetic.

Re-thinking Landscape Management Practices Benjamin Vogt

From amending soil to layers of wood mulch, to employing colorful foliage and autumn clean-

up, we'll re-imagine traditional landscaping in more sustainable, low-maintenance ways that benefit wildlife and people. Learn how to emulate natural ecosystems and processes in urban garden design and capitalize on existing site conditions to reduce costs, while ensuring plant success. Also find out why native cultivars may not be the best choice for pollinator support.

Attracting Birds to Properties Large and Small — Steve Kress

Native plants attract birds with sweet fruits in the summer, fatty foods just in time for migration, and fruits high in carbohydrates in winter. Learn which plants to select and how to arrange them to meet the needs of birds throughout the season while filling your gardens with the songs and bright colors of birds. While many of the world's great environmental problems may seem beyond our daily grasp, any property owner can add features to their backyard or larger property to help create better bird habitat. Improving habitat for birds engages more people with wildlife conservation, a cause that is more important than ever in this time of rapidly changing climate.

Community Vitality and Resilience Through Landscape Design Elise Hubbard & Bob Berkebile

The old Westport Middle School is one of 30 former school buildings being re-purposed in midtown Kansas City. Westport Commons is dedicated to redefining urban landscapes to manage water, provide pollinator habitat, sequester carbon, build topsoil, inspire beauty, grow food, engage the community, and serve as a pilot for revised city ordinances defining land and water management. It is now home to Cultivate KC, whose mission is local agriculture and food systems, and Plexpod, a progressive co-working campus. More than 6,000 native plants have been planted. Learn about the project vision, challenges and strategies, and how plants, soil, and people are working together synergistically.

Plant Layering and Ground Cover Strategies: Sedges and Companion Natives — Elliott Duemler

Sedges and other low-growing companion plants are becoming popular for use in designed landscapes. Plant layering and thick, dense plantings instead of mulch help not only suppress weeds, but create interest year-round. Many great native plants for these purposes are available commercially, but some are not so easy to find. Planning and designing with plants that are known to be both available and successful in the Midwest helps ensure successful projects.

Embracing Horticulture Ecology: Gardening With Insects! Alan Branhagen

The insects that live on our plantings are the building blocks for the entire web of life including us. If you think you can live without wild things, you should know that you cannot: from pollination and recycling services, keeping pests in check, to feeding songbirds and other creatures, insects are a necessity in a healthy landscape. Learn about some favorite insects (it's a mind-boggling, diverse group of creatures!) the current challenges that they face; and—based on decades of personal and public gardening experience—which plants and gardening techniques make them thrive and enrich our gardens.

Native Landscapes - Between Nature, Desire, and Design Julie Sajtar & Ann Weiland

Today's landscape architect or designer is including more native plants in their palette. In a client-driven practice, native plants must be used strategically, with maximum appreciation of their attributes. Through the exploration of case studies, we will show how design elements become the organizing framework through which to view and appreciate native plants. This newfound appreciation among our clients reinforces the relationship between people and nature, essential to the longevity of our natural environment.

Regenerative Design: Soil Carbon Management in Specifications and Native Plantings — Hilary Noonan

Regenerative soil management techniques are emerging as key climate-resilience strategies, since 75 percent of terrestrial carbon is stored in soil. To "draw down" greenhouse gases, we first restore the soil's living organisms, which naturally increases photosynthesis, which in turn sequesters more carbon in soil, reducing plant establishment times and watering needs. At scale, it is possible to reset the hydrological cycle for the region, disrupting the current pattern of drought and flooding. These large goals can be achieved with small changes in construction methods and specifications, without necessarily increasing project costs.

FRIDAY, SEPT. 20

Asters and Goldenrods: Autumn's Pollinator Banquet — Heather Holm

Asters are critical late summer and fall forage for native bees, including many pollen collecting specialists. Heather will explore the nutritional components of the nectar and pollen of asters and their fall-blooming cousins, the goldenrods, and demonstrate the importance of these two groups of plants for native bees, as well as migratory pollinating insects such as butterflies.

Omaha's Lauritzen Gardens: Not Just a Pretty Place Victoria Schoell-Schafer & Jim Locklear

Lauritzen Gardens encompasses 100 acres in the riverfront hills near downtown Omaha. Renowned for beautiful display gardens, we are also committed to environmental stewardship. Through ongoing surveys of birds, butterflies, bees, and other wildlife we are gaining a deeper understanding of the biodiversity hosted by the site, which is a former balefill. Armed with this knowledge, we are implementing more sustainable horticultural practices, adding more native species to our plantings, and this year will begin using prescribed fire in parts of the property.

Right Sized Native Gardens : Success at Home and in Your Community Scott Woodbury

From your armchair on a cold winter day, gardens in seed catalogs, gardening books, and British TV shows look so easy to recreate. But how big are they, really? How many square feet are good for your schedule, your budget, and your sore back? Which garden styles are easiest or most challenging to care for? If designing for schools, churches, small businesses or public parks, what are staff and volunteers capable of maintaining? This talk will provide you with the tools necessary to determine the right size, maintenance needs, and beautiful garden style for you and your community.

Landscaping with Natives: Overcoming Common Legal Obstacles Bruce Morrison

Typical municipalities have ordinances which prohibit growth of grass or "weeds" above certain heights. Often, provisions exclude "cultivated" vegetation from citations, but residents are often not aware of these provisions. Too often, residents are issued fines and respond by removing native plantings and replacing the plantings with traditional turf lawns. Learn how one Missouri woman not only kept her native garden, but created a program aimed at removing legal obstacles for landowners who want to go native with their landscaping. Preserving natural landscapes and protecting people's health from environmental threats are at the heart of Great Rivers' mission.

Green Infrastructure: Managing Stormwater in the Climate Change Era Trevor Smith

Cities across America are pioneering a new kind of infrastructure: green, not gray. Rather than invest in more pipes underground, investments in rain gardens, bioswales, detention ponds and other methods of capturing and retaining rainwater where it falls are revolutionizing city systems like Kansas City's — with scaleable lessons for your own backyard. Learn the principles of capturing and recycling storm water and slowing runoff in storm events, and how rainharvesting, permeable pavements, green roofs, and rain gardens act as savings banks for rain, smoothing out the drought and flooding cycles characteristic of climate change.

How to Market Native Plants: Experience From Missouri Prairie Foundation's Grow Native! Program Carol Davit

For nearly two decades, Grow Native! has helped build the native plant industry and individual native plant/service businesses. It also supports identification and control of invasives through its Missouri Invasive Plant Task Force. Marketing and consumer education are Grow Native!'s key strategies. This session explores their successful marketing tools, professional members' network, and consumer education programming, all contributing to the overarching goals of increasing supply and demand for native plants in the lower Midwest.



Thursday Plenary Speaker **Doug Ladd**



Douglas Ladd is the former director of conservation for The Nature Conservancy in Missouri. He has guided the careers of countless others in the natural areas fields and his leadership has shaped conservation perspectives and methods across the Midwest. He has been involved with fire management, fire ecology, conservation planning, natural area assessment, and ecological management, restoration, and research. Doug has undergraduate degrees in botany and chemistry and a master's degree in botany from Southern Illinois University. Doug is the author of North Woods Wildflowers and Tallgrass Prairie Wildflowers, and coauthor of Discover Natural Missouri and Distribution of Illinois Vascular Plants.

Friday Plenary Speaker **Rebeca Quiñonez-Piñón**



Dr. Rebeca Quiñonez-Piñón holds a Ph.D. in geomatics engineering and a master's in environmental engineering. As the monarch outreach coordinator for the National Wildlife Federation (NWF), her goal is to ensure that effective conservation actions that will increase the monarch population are taken in Texas. As the executive director of Forests for Monarchs, she oversaw the distribution of more than 2 million native trees within the Monarch Butterfly Biosphere Reserve to restore 4,500 acres of native forest on degraded land. Boreal, tropical, and temperate forests have been part of her areas of study. In 2010 and 2011, Dr. Quiñonez-Piñón led a project funded by the Ecosystems Network (ECORed) of CONACYT to create a National Environmental Monitoring System in Mexico. During her career, she has either led or participated in 14 research projects.

Native landscaping is as important to water quality as barbecue is to Kansas City.

Native plants absorb more stormwater. A typical lawn can only absorb 10 percent as much stormwater as a native landscape.

Native plants reduce pollution. Native plants need less fertilizer, which means less harmful chemicals running off into stormdrains.

Native plants save money. Native plants along roadways, medians and in appropriate parklands can drastically reduce maintenance costs and improve air and water quality.

Native landscaping saves time. Once established, native plants need very little maintenance. More native landscaping in your lawn means less grass to mow.

The Mid-America Regional Council Water Quality Public Education Committee welcomes you to Plan It Native and to the Kansas City region.

(Try some barbecue while you're here!)



Notes
Vert 1013-1381/70056 Printed Using 100% Certified Remains Electricity N #19-5017-1002 Vorte vert 1013-1381/70056 Vorte vert 1013-1381/70056

Plan It Native 2019 Exhibitors





Bohn's Farm & Greenhouses, Inc.

Your perennial source for landscapeready, landscape-sustainable plants. Serving the green industry since 1991. North American and Midwestern native perennials and grasses. Extensive selection of non-invasive, adaptive selections of hardy perennials, grasses, and groundcovers. Wide selection of container sizes available including: quarts, one gallon, and larger sizes. www.bohnsfarm.com

Forrest Keeling Nursery

Seven decades 'restoring earth's ecosystems one tree at a time'

- RPM-produced plants for faster flowering, fruiting and growth
- · Unsurpassed root mass, greater survivability
- · Real time availability of plant materials 24/7 @ FKNursery.com

From nature to us to you... faster!



Fueling Change

Fueling Change: The Once and Future Kansas City holds the key to our energy past and directs us toward the "fuelture" we must create to reverse global warming.



Grow Native! Grow Native! is the 19-year-old native

plant marketing and education program of the Missouri Prairie Foundation, a 53-year-old conservation organization and land trust. Grow Native! helps protect and restore biodiversity by promoting the use of native plants in urban, suburban, and rural developed landscapes and the built environment.



Heartland Seed Of Missouri

Heartland Seed of Missouri, LLC is a native seed provider dedicated to helping rebuild prairie one planting at a time. We have mixes for prairie, pollinators, food plots, brood-rearing, nesting and bedding.



Izel Plants

IzelPlants.com is a marketplace for plants native to the contiguous US. We combine the inventories of several nurseries that are dedicated to the responsible collection and propagation of native species. Most native plant nurseries only specialize in certain plant types. However, by shopping at IzelPlants.com, you can fulfill all your native plant needs on a single website.





COMPOST TEA crazy growth. serious science.







Lark Label

We work with native plant collections to educate their visitors. We custom make signs that inform the public of the value of these plants in their lives and to their environment

Mad Hatter Compost Tea

Mad Hatter Compost Tea is product of Hilary Noonan and Syntax Land Design. A brew of liquid biological amendments will make your soil and flora resilient whether you have 100 square feet of vegetables in the city, 15,000 square feet of suburban yard, or acres of orchard on your rural homestead.

Mid-America Regional Council Water Quality Public Education Committee

The Regional Water Quality Public Education Program is a comprehensive approach to raising public awareness about watershed issues and water quality in the nine-county Kansas City metropolitan area, which includes 119 separate city governments.

Missouri Department of Conservation

Our mission is to protect and manage the fish, forest, and wildlife resources of the state; to facilitate and provide opportunity for all citizens to use, enjoy, and learn about these resources.





Plan It Native 2019 Exhibitors



PLAN IMPACT

Missouri River Bird Observatory

The Missouri River Bird Observatory is a 501(c)3 non-profit organization dedicated to the conservation of Missouri's birds and their habitats via scientific research and monitoring, K-12 education, community outreach, and conservation policy advocacy. MRBO works throughout the state of Missouri and in eastern Kansas to promote the conservation and restoration of native landscapes at every scale.

PlanIT Impact

PlanIT Impact (PI) is a cloud-based application that leverages machine learning to help design professionals overcome barriers to sustainable design. PI offers a stormwater module that helps landscape professionals quickly and collaboratively find the best design strategies, including green infrastructure, by estimating the impact each site feature has on stormwater management and costs.

Taylor Creek Restoration Nurseries

Taylor Creek Restoration Nurseries is one of the largest, most diverse native species plant nurseries in the Midwest. We are invested in growing over 1,000 healthy local genotypes. Our team is ready to share our knowledge and our passion for native plants. Taylor Creek Restoration Nurseries is owned and operated by Applied Ecological Services.

Company, INC.

TaylorCreek

Truax Company

Truax Company manufactures quality seed drills and planting equipment for even the most challenging site conditions. Truax drills will meet your needs for precision planting of legumes, grains, native grasses, cover crops and more. We offer many different models and sizes of seeding equipment that will get the results your seeding projects require.



Great Plains Nursery

Great Plains Nursery specializes in native trees and shrubs to promote diversity and sustainability in our communities. We grow healthy, high quality plants using patented air-pruning containers and grow bags to produce a fibrous root system.



-

Conservation Fund

Heartland

Platte Land Trust

The Platte Land Trust is an all-volunteer land trust (AVLT) and member of the Land Trust Alliance. We are passionate about nature, open spaces, and land that we love – special places we cherish and hold dear. And we enjoy sharing this passion with others. We want current and future generations to reap the benefits of nature and conservation so critical to our health and well-being.

The Conservation Fund

At The Conservation Fund, we make conservation work for America. By creating solutions that make environmental and economic sense, we are redefining conservation to demonstrate its essential role in our future prosperity. Top-ranked for efficiency and effectiveness, we have worked in all 50 states since 1985 to protect over 8 million acres of land.

Heartland Conservation Alliance

Heartland Conservation Alliance proactively conserves, protects, and restores natural lands and open space within the Kansas City region, benefitting the community and future generations by improving water quality, creating recreational opportunities, protecting life and property, and preserving our natural and cultural heritage.

The Westport Garden Club

The mission of The Westport Garden Club is to share the love of gardening through education, action and creative expression in the fields of horticulture and conservation. The Westport Garden Club is a proud member of The Garden Club of America, which was founded in 1913 "to stimulate the knowledge and love of gardening, to share the advantages of association by means of open meetings, conferences, correspondence and publications; to restore, improve, and protect the quality of the environment through programs and action in the field of conservation, civic improvement and education."



Thank You Plan It Native 2019 Sponsors!



WILLIAM T. KEMPER FOUNDATION Commerce Bank, Trustee

Keynote Sponsor



Gold Sponsors



Public Education Committee

MILLER HAMMOND CHARITABLE FUND





Silver Sponsors



Missouri & Kansas

Bronze Sponsors

il ea







ROULEVA









