

TENNESSEE VALLEY CHAPTER OF WILD ONES PRESENTS

Plant Natives 2021!

SPECIAL SEMINAR
MARCH 19, 2021

VIRTUAL SYMPOSIUM & EXPO
MARCH 19-21, 2021

OUTDOOR NATIVE PLANT MARKETPLACE
MARCH 27, 2021



For more information and to register go to
www.tnvalleywildones.org

VIRTUAL SYMPOSIUM & EXPO

MARCH 19-21

In three half-day sessions, recognized speakers in the field of native plant gardening and responsible landscaping will present live webinar programs to educate and inspire home gardeners and landscape professionals.

Seven (7) Speakers, including:

- Doug Tallamy
- Drew Lanham
- Larry Mellichamp
- Benjamin Vogt
- Jim Costa
- Michael Gaige
- Patricia K. Howell

One easy link will allow you to come and go during all open Symposium hours.

All speakers will use PowerPoint presentations and time for live Q&A is provided.

All webinar sessions will be recorded and available to registrants for six months after the Symposium.

Early Registration Discount Before March 10th

Wild Ones Members: \$65

Non-Members: \$75

Students: \$30

After March 10th

Members: \$75 | Non-Members: \$85

SPECIAL SEMINAR

MARCH 19, 9 AM - NOON (EDST)

Native Trees in a Time of Climate Change
with Tom Kimmerer

Elective credit for the Certificate in Native Plants (CNP)

Wild Ones Members: \$25

Non-Members: \$35

OUTDOOR NATIVE PLANT MARKETPLACE

MARCH 27 9:00 AM - 3:00 PM (EDST)

First Horizon Pavilion | 1801 Carter St.,
Chattanooga, TN 37408

Ten (10) Regional Native Plant Nurseries
and other vendors/exhibitors

Free and open to the public. Covered
outdoor setting with plenty of parking
available nearby. Masks Required.

Interested in being a vendor or exhibitor?
Click [HERE](#) for more information.



For more information and to register
go to www.tnvalleywildones.org



@tennessevalley_wildones



@wildones tennessee valley chapter

FRIDAY, MARCH 19

9:00 AM - 12:00 PM

SPECIAL SEMINAR

NATIVE TREES IN A TIME OF CLIMATE CHANGE

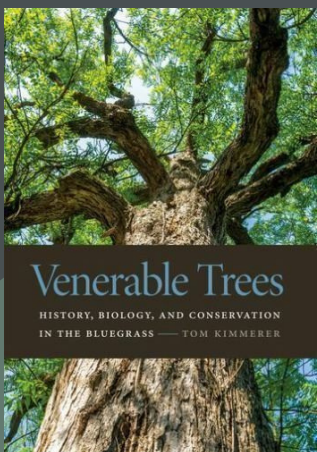
with Tom Kimmerer

“Trees migrate as a result of changes in climate, not by picking up their roots and walking over a mountain, but due to changes in where seeds of various species can become established and grow.”



Trees grow within narrow ecological limits. Cottonwoods don't grow on mountain tops and spruce trees don't grow in Tennessee river bottoms. The complex topography, geology, soils, and climate of Tennessee has resulted in highly diverse forests. But we know climate has changed in the past and is changing right now. A list of native trees of Tennessee 15,000 years ago would be completely different from the list of native trees now. Trees migrate as a result of changes in climate, not by picking up their roots and walking over a mountain, but due to changes in where seeds of various species can become established and grow. In a time of very rapid climate change, it is reasonable to consider what the future forests of Tennessee might be like, and what trees we might consider native.

This discussion will be divided into three parts. We will describe the trees of the past and present in Tennessee, then see how the current climate crisis might favor some trees and cause the loss of others, and we will finish by examining what we, as native tree enthusiasts should do in the face of the climate crisis. We will focus on trees, even though these changes affect all plant species, because we collect huge amounts of data about the health and growth of trees, but do not do the same for herbaceous plants. There will be plenty of time for discussion following each of these three segments.



Tom Kimmerer, PhD, is a scientist, author and photographer. He is a consulting forest scientist, working with landowners and with other scientists and natural resource management professionals to ensure a future for the woodland pastures of Kentucky and Tennessee. He also consults on sustainability issues related to forest management and wood utilization, including carbon sequestration in forests and wood products. He is the author of **Venerable Trees - History, Biology and Conservation**, and is working on a second book, **A Time for Trees**. Kimmerer is a conservation photographer specializing in tree and forest photography. Kimmerer has a B.S. in Forest Biology (Botany) from SUNY ESF and a PhD in both forestry and botany, with a specialization in tree physiology and biochemistry from the University of Wisconsin – Madison. Visit his website: Kimmerer.com.

FRIDAY, MARCH 19



VIRTUAL SYMPOSIUM & EXPO

12:30 - 12:45 PM

INTRO TO THE TENNESSEE VALLEY
CHAPTER OF WILD ONES

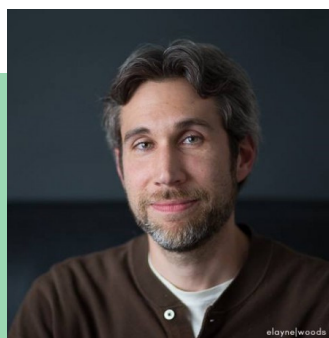
12:45 - 1:00 PM

WELCOMING REMARKS

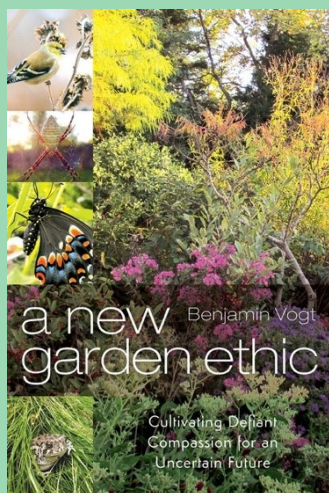
1:00 - 1:45 PM

FUNDAMENTALS OF GARDEN LAYERS: PLANT
COMMUNITIES, ECOSYSTEM FUNCTION,
AND CLIMATE RESILIENCE

WITH BENJAMIN VOGT



In this presentation Benjamin Vogt will explore how to learn from wild plant communities, how to design with layers for less maintenance / increased habitat / climate change, and go through native plant selections and management strategy for these designed, wilder garden beds. Plant succession as a design tool (annuals, biennials, perennials) as well as matching plant habit (clumper, behaved, aggressive) for various design strategies will be discussed.



Benjamin Vogt, PhD, operates Monarch Gardens, prairie inspired landscape designs, in Lincoln and Omaha, Nebraska. His 5,000' home garden on a 1/4 acre lot has been featured in numerous publications. For five years (2012-2017) Benjamin wrote an award-winning garden column for Houzz (over 3 million reads with 200 articles) and has contributed to books such as Lawn Gone! and Pollinator Friendly Gardening. He has been interviewed for dozens of podcasts, articles, and books while speaking nationally on environmental activism and sustainable urban design for wildlife. Benjamin is author of **A New Garden Ethic: Cultivating Defiant Compassion for an Uncertain Future** and the forthcoming (2022) **Prairie Up: An Introduction to Natural Garden Design**. He also runs the Facebook page Milk the Weed, a lively space where 12,000 folks share the joys and purpose of gardening for wildlife. Benjamin has an M.F.A. (Ohio State) and Ph.D. (Nebraska) in English and has taught over fifty college classes for which he's received multiple awards. He is also the author of three poetry collections. Benjamin lives in Lincoln, Nebraska with his wife, son, and four cats.

1:45 - 2:15 PM

BENJAMIN VOGT: Q&A

FRIDAY, MARCH 19



VIRTUAL SYMPOSIUM & EXPO

2:15 - 2:25 PM

INTERMISSION

2:25 - 2:45 PM

EXHIBITOR & VENDOR HIGHLIGHT PRESENTATIONS

2:45 - 3:30 PM

HISTORICAL ECOLOGY: USING PLANTS TO REVEAL THE PAST

WITH MICHAEL GAIGE



Every landscape has a story that can be teased out using both field evidence and archival resources. This session explores the field marks of landscape history with a focus on plants that tell a broader story. While no individual plant species can explain a site's land use history entirely, when taken collectively, plant associations reveal patterns of past land use. The concepts can be applied to sites for native plant installations, and to the species selections for planting locations.

Michael Gaige is an independent consulting ecologist based in upstate New York. His work explores the intersection of nature and history at the landscape level. Michael works with organizations, private landowners, and design teams on park and landscape projects, historical ecology inventories, and conservation planning for natural areas. Michael teaches field studies programs for several colleges and universities. Visit his website: www.KnowYourLand.com

3:30 - 4:00 PM

MICHAEL GAIGE: Q&A

4:00 PM

FRIDAY SYMPOSIUM PROGRAM CONCLUDES

SATURDAY, MARCH 20



VIRTUAL SYMPOSIUM & EXPO

12:00 - 12:15 PM

EXHIBITOR & VENDOR HIGHLIGHT PRESENTATIONS

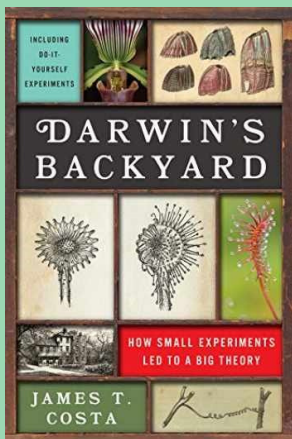
12:15 - 1:00 PM

IF YOU WANT TO FEED THE BIRDS, FIRST FEED THE BUGS!: TOWARD AN ECOLOGICAL APPRECIATION OF INSECTS IN YOUR GARDEN

WITH JAMES T. COSTA



In our love/hate relationship with insects we often try to promote some groups, like bees or butterflies, and eliminate others, not realizing that they are all of an ecological piece. And the gardener declaring war on insects in the garden does not realize that in so doing they are warring against songbirds too: our fine feathered friends, even mainly seed- and fruit-feeders, critically depend upon the protein and lipids that insect biomass provides to raise their young. In this talk Jim Costa will discuss the ecological importance of insects, the little creatures that make our ecosystems tick, from their complex relationships with plants to their vital place in the food web. He will consider how the gardens and landscapes of our homes and communities are too often nutritional deserts for insects (and thus birds too), and what we can do about it, arguing that we all – insects, birds, and humans alike – benefit from sharing: tolerating a bit of herbivory in the garden to promote ecologically healthy home landscapes.



Jim Costa, PhD, is Executive Director of the Highlands Biological Station and Professor of Evolutionary Biology at Western Carolina University, where he has taught courses in genetics, entomology, evolution, and biogeography since 1996. Jim's many interests include insect behavior and ecology, environmental history and philosophy, conservation biology, and the history of science. His research has focused in recent years on Charles Darwin, Alfred Russel Wallace, and the history of evolutionary thought. He has authored numerous research papers,

reviews, magazine articles, and 7 books, most recently **Darwin's Backyard: How Small Experiments Led to a Big Theory** (W. W. Norton, 2017) – a finalist for the American Association for the Advancement of Science/Subaru Prize – and the co-edited volume **An Alfred Russel Wallace Companion** (Chicago, 2019). Jim has held fellowships at Harvard's Radcliffe Institute for Advanced Study, the Berlin Institute for Advanced Study, and the New York Botanical Garden's LuEsther T. Mertz Library. He lectures widely in the US and Europe, is a regular travel program leader/lecturer for the Harvard Alumni Association, and for many years co-instructed Harvard's Darwin summer program at the University of Oxford. Jim's recent honors include 2017-2019 Sigma Xi Distinguished Lecturer, and the Alfred Russel Wallace Medal.

1:00 - 1:30 PM

JIM COSTA: Q&A

SATURDAY, MARCH 20



VIRTUAL SYMPOSIUM & EXPO

1:30 - 1:40 PM

INTERMISSION

1:40 - 2:00 PM

EXHIBITOR & VENDOR HIGHLIGHT PRESENTATIONS

2:00 - 2:45 PM

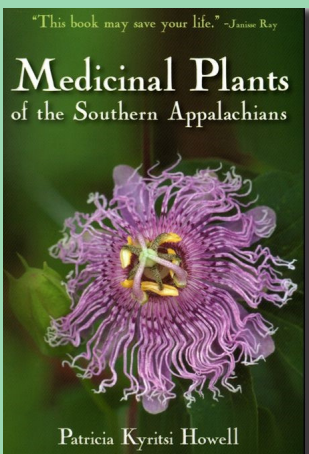
MEDICINAL PLANTS OF THE SOUTHERN APPALACHIANS

WITH PATRICIA KYRITSI HOWELL



Expand your appreciation of the many native plants found in the Southern Appalachians! This presentation explores the rich history of many regional plants and their current uses as a vital part of natural healing.

Patricia Kyritsi Howell is the author of **Medicinal Plants of the Southern Appalachians** and director of the BotanoLogos School of Herbal Studies in northeast Georgia. She is Herbalist in Residence at the Foxfire Museum and Heritage Center in Mountain City, Georgia, and a Registered Herbalist with the American Herbalists Guild.



2:45 - 3:15 PM

PATRICIA HOWELL: Q&A

SATURDAY, MARCH 20



VIRTUAL SYMPOSIUM & EXPO

3:15 - 3:25 PM

INTERMISSION

3:25 - 3:45 PM

EXHIBITOR & VENDOR HIGHLIGHT PRESENTATIONS

3:45 - 4:30 PM

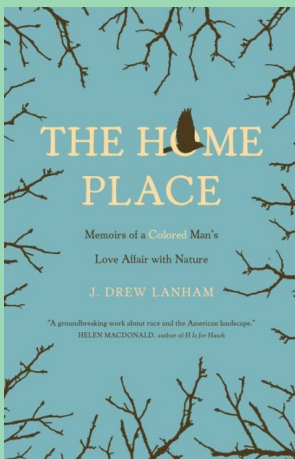
COLORING THE CONSERVATION CONVERSATION

WITH DREW LANHAM



Drew Lanham will discuss what it means to embrace the full breadth of his African-American heritage and his deep kinship to nature and adoration of birds. The convergence of ornithologist, college professor, poet, author and conservation activist blend to bring our awareness of the natural world and our moral responsibility for it forward in new ways.

Candid by nature – and because of it – Lanham will examine how conservation must be a rigorous science and evocative art, inviting diversity and race to play active roles in celebrating our natural world.



J. Drew Lanham, PhD, a native of Edgefield, South Carolina, is the author of **The Home Place: Memoirs of a Colored Man's Love Affair with Nature**, which received the Reed Award from the Southern Environmental Law Center and the Southern Book Prize, and was a finalist for the John Burroughs Medal. He is a birder, naturalist, and hunter-conservationist who has published essays and poetry in publications including *Orion*, *Audubon*, *Flycatcher*, and *Wilderness*, and in several anthologies, including **The Colors of Nature**, **State of the Heart**, **Bartram's Living Legacy**, and **Carolina Writers at Home**. An Alumni Distinguished Professor of Wildlife Ecology and Master Teacher at Clemson University, he and his family live in the Upstate of South Carolina, a soaring hawk's downhill glide from the southern Appalachian escarpment that the Cherokee once called the Blue Wall. His books are available [HERE](#).

4:30 - 5:00 PM

DREW LANHAM: Q&A

5:00 PM

SATURDAY SYMPOSIUM PROGRAM CONCLUDES

SUNDAY, MARCH 21



VIRTUAL SYMPOSIUM & EXPO

12:30 - 1:00 PM

EXHIBITOR & VENDOR HIGHLIGHT PRESENTATIONS

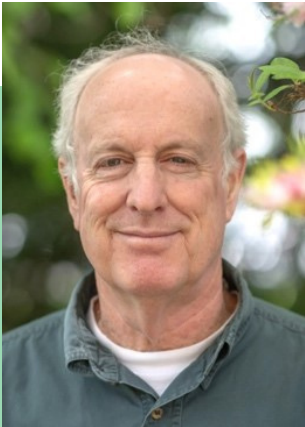
1:00 - 1:15 PM

FINAL DAY REMARKS

1:15 - 2:00 PM

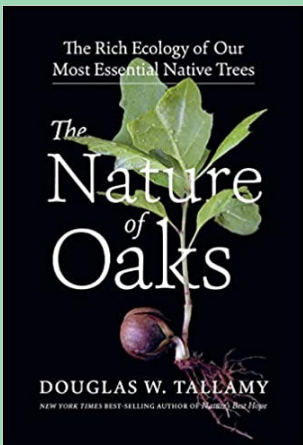
LET IT BE AN OAK

WITH DOUG TALLAMY



Once we have decided to restore the ecological integrity of our suburban neighborhoods, we need to decide what plants to add to our properties. Oaks are superior trees for suburban restoration projects because of their many ecological and aesthetic attributes. Tallamy will compare oak species to other popular shade trees in terms of their ability to support animal diversity, protect watersheds, sequester carbon dioxide, and restore lost plant communities.

Doug Tallamy, PhD, is a professor in the Department of Entomology and Wildlife Ecology at the University of Delaware, where he has authored eighty research articles and has taught Insect Taxonomy, Behavioral Ecology, Humans and Nature, and other courses for thirty-two years. Chief among his research goals is to better understand the many ways insects interact with plants and how such interactions determine the diversity of animal communities. His book **Bringing Nature Home: How Native Plants Sustain Wildlife in Our Gardens** was published by Timber Press in 2007 and was awarded the 2008 silver medal by the Garden Writer's Association. His later books include **Nature's Best Hope: A New Approach to Conservation that Starts in Your Yard** and **The Nature of Oaks: The Rich Ecology of Our Most Essential Native Trees**. He also coauthored with Rick Darke **The Living Landscape: Designing for Beauty and Biodiversity in the Home Garden**. He is currently leading "Homegrown National Park," a grassroots call-to-action to restore biodiversity and ecosystem function by planting native plants and creating new ecological networks. Learn more at HomegrownNationalPark.com.



2:00 - 2:30 PM

DOUG TALLAMY: Q&A

SUNDAY, MARCH 21



VIRTUAL SYMPOSIUM & EXPO

2:30 - 2:40 PM

INTERMISSION

2:40 - 3:00 PM

EXHIBITOR & VENDOR HIGHLIGHT PRESENTATIONS

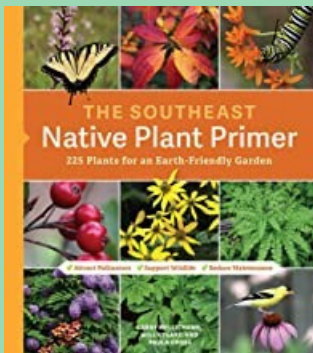
3:00 - 3:45 PM

GARDENING WITH THE BEST NATIVE PLANTS OF THE SOUTHEAST

WITH LARRY MELLICHAMP



This is a great time to be gardening in the South. There are many new examples of your favorite plants for you to discover - ferns, small trees, shrubs, woodland wildflowers and sun-loving perennials – for four-season interest. There is a trend towards using more natives, not just because they are better adapted to our warm southern climates but because they support native butterflies and birds and are interesting in their own right, giving a sense of place to your personal garden. They ought to be known and grown more widely and homeowners should be asking for them. It is time we celebrated our best southeastern American natives!



Larry Mellichamp, PhD, has been a professor in the Biology Dept. at the University of North Carolina at Charlotte since 1976, and is the Director of UNC Charlotte Botanical Gardens. Dr. Mellichamp has co-authored *Native Plants of the Southeast: A Comprehensive Guide to the Best 460 Species for the Garden* (2014) and *The Southeast Native Plant Primer: 225 Plants for an Earth-Friendly Garden* (2020). Dr. Mellichamp has published numerous articles and given professional presentations on: rareplants, carnivorous plants, plant collecting policy, greenhouse and gardens management, plant names, native plant landscaping, pollination biology, botanical history, native orchids, wetland plants and habitats, and winter garden plants. Dr. Mellichamp's research specialties include biology of rare and endangered plants, native plants in the Carolinas & their landscape use, Natural Areas Inventories, general information on carnivorous plants and hybridization of *Sarracenia* pitcher plants.

3:45 - 4:15 PM

LARRY MELLICHAMP: Q&A

4:15 - 4:20 PM

SYMPOSIUM CLOSING

SATURDAY, MARCH 27
9:00 AM - 3:00 PM (EDST)
FIRST HORIZON PAVILION

OUTDOOR NATIVE PLANT MARKETPLACE

PRESENTED BY THE TENNESSEE
VALLEY CHAPTER OF WILD ONES

10

REGIONAL NATIVE
PLANT NURSERIES



LOCAL AND REGIONAL
VENDORS AND EXHIBITORS



LOCAL FOOD TRUCKS



FREE AND OPEN TO
THE PUBLIC



FACE MASKS REQUIRED



1801 CARTER STREET
CHATTANOOGA, TN

Spring is upon us so make plans to join the **Tennessee Valley Chapter of Wild Ones** as we welcome regional and local native plant nurseries, artists and vendors to Chattanooga's First Horizon Pavilion.

In addition, there will be information from regional organizations and exhibitors which support native plant gardening and responsible landscaping.

A list of all nurseries, vendors and exhibitors will be available in mid-March.

Wild Ones
NATIVE PLANTS. NATURAL LANDSCAPES.
TENNESSEE VALLEY



FIRST
HORIZON
PAVILION

Plant Natives 2021!

PRESENTED BY THE TENNESSEE VALLEY CHAPTER OF WILD ONES

TUESDAY, MARCH 16

ORIENTATION

Virtual Symposium Registrant Orientation

Video will be posted at www.tnvalleywildones.org

FRIDAY, MARCH 19

SPECIAL SEMINAR

9:00 AM - NOON

Seminar Presentation with Tom Kimmerer

Native Trees in a Time of Climate Change

VIRTUAL SYMPOSIUM & EXPO

12:30 - 12:45 PM

Wild Ones, TN Valley Chapter Introduction

12:45 - 1:00 PM

Welcome

1:00 - 1:45 PM

Benjamin Vogt: *Fundamentals of Garden Layers: Plant Communities, Ecosystem Function, and Climate Resilience*

1:45 - 2:15 PM

Benjamin Vogt Q&A

2:15 - 2:25 PM

Intermission

2:25 - 2:45 PM

Exhibitor and Vendor Highlight Presentations

2:45 - 3:30 PM

Michael Gaige: *Historical Ecology: Using Plants to Reveal the Past*

3:30 - 4:00 PM

Michael Gaige Q&A

SATURDAY, MARCH 20

VIRTUAL SYMPOSIUM & EXPO

NOON - 12:15 PM

Exhibitor and Vendor Highlight Presentations

12:15 - 1:00 PM

Jim Costa: *If you Want to Feed the Birds, First Feed the Bugs*

1:00 - 1:30 PM

Jim Costa Q&A

1:30 - 1:40 PM

Intermission

1:40 - 2:00 PM

Exhibitor and Vendor Highlight Presentations

2:00 - 2:45 PM

Patricia Howell: *Medicinal Plants of the Southern Appalachians*

2:45 - 3:15 PM

Patricia Howell Q&A

3:15 - 3:25 PM

Intermission

3:25 - 3:45 PM

Exhibitor and Vendor Highlight Presentations

3:45 - 4:30 PM

Drew Lanham: *Coloring the Conservation Conversation*

4:30 - 5:00 PM

Drew Lanham Q&A

SUNDAY, MARCH 21

VIRTUAL SYMPOSIUM & EXPO

12:30 - 1:00 PM

Exhibitor and Vendor Highlight Presentations

1:00 - 1:15 PM

Final Day Remarks

1:15 - 2:00 PM

Doug Tallamy: *Let It Be an Oak*

2:00 - 2:30 PM

Doug Tallamy Q&A

2:30 - 2:40 PM

Intermission

2:40 - 3:00 PM

Exhibitor and Vendor Highlight Presentations

3:00 - 3:45 PM

Larry Mellichamp: *Gardening with the Best Native Plants of the Southeast*

3:45 - 4:20 PM

Larry Mellichamp Q&A

SATURDAY, MARCH 27

OUTDOOR NATIVE
PLANT MARKETPLACE

9:00 AM - 3:00 PM

First Horizon Pavilion

1801 Carter Street, Chattanooga, TN 37408

- ALL TIMES EASTERN STANDARD DAYLIGHT TIME (EDST)
- FOR MORE INFORMATION AND TO REGISTER, VISIT WWW.TNVALLEYWILDONES.ORG