



Bee City USA Annual Report Pollinator Conservation & Education 2019



Hendersonville, North Carolina

EDUCATION & OUTREACH

Honey Makers (\$5,000+)
Burllett Painting
Community Foundation of Henderson County
Hands On! Children's Museum

Comb Builders (\$2,500)
Environmental Sustainability & Tree Boards
Henderson County Beekeepers Association

Pollen Foragers (\$1000)
Bold Rock Hard Cider
Henderson County America In Bloom
Milkweed Meadows Farm
Misty Mountain Berries & Beans
Sideways Farm & Brewery

Nectar Gatherers (\$500)
Blue Ridge Apple Growers
Honey Bees Kindergarten Class, FernLeaf School
Land O' Sky Garden Club
MountainTrue
Poe's Backyard Bees

Buzz Makers (\$250)
B.B. Barns The Garden Company
BeeHaven Gardens
Brooks Tavern
Gardens That Matter
Givens Estates
Saluda Garden Club
Sow True Seed
The North Carolina Arboretum Society
Wine Sage & Gourmet
In Memory of Mattie P. Bailey
John & Elizabeth McAfee
Robert & Tiffany Schultz
Libba & Tom Tracy



Hendersonville Coordinator, Kim Bailey, gave two educational presentations to the “Honey Bees” and “Swallowtails” kindergarten classes. Later, a parent volunteer led pollinator art activities. Artwork created by the students will be printed on note cards and sold as a fundraiser for the “Bring the Hive Alive!” bee mural initiative.

From June – December 2019, over \$19,000 was raised for the "Bring the Hive Alive! Downtown Bee Mural Initiative".

Education & Outreach Events

* = pollinator-related events our affiliate hosted or helped with

- *March 9-10, Organic Growers School - Pollinator Track
- *March 14, Winter Educational Program: Trees, Trees, and More
- *May 3, Arbor Day Celebration at Hendersonville Elementary
- *May 6, Community Mural Planning Meeting at Hands On! Children's Museum
- *May 25 – 26, Garden Jubilee Festival
- June 5, Non-Native Invasive Plant Removal & Pollinator Meadow Planting
- June 12, Lewis Creek Preserve Nature Walk
- June 13, Gardening for Pollinators in Western North Carolina
- *July 14, Shady Garden Tours
- *June 15, Pollinators and Flowers

June 16, Family Fun with Pollinators
 June 17 Gardening for Pollinators Online Education Series
 June 18 - June 21, Hiving Fun with the Bees
 June 19, Pollinator Walk
 *June 21-22, Flat Rock Garden Tour
 *June 24, North Carolina Community/Charity/School Garden Workshop
 June 22, Pollinator Garden Tour & Beekeeper Talk
 June 29, Introduction to Beekeeping
 June 1-30, Farm, Field and Forest: Discover Pollinators at Connemara
 *June 1-30, Pollinator Seed Packet Giveaway
 *July 26, Carolina Village Pollinator Garden Work Day
 *July 31, Henderson County 4-H Ag Camp (Farm Tour and Pollinator Program)
 August 17, Honey Tasting & Beekeeper Talk
 August 17, Celebrating the Pawpaw
 August 17, Conserving Carolina Speaker Series: Butterflies in Your Backyard
 *August 17, Bee Bold Pollinator Festival
 *August 21, Farm Tour for Crowfields Condos
 August 31, Nature Nuts: Monarchs
 August 31, Eco Explorers: Monarchs
 August 31, Butterflies and Monarchs Nature Walk
 *September 10, Pollinator Workshop: Monarchs, Milkweed & More!
 *September 12, Land O' Sky Garden Club - Monarch Presentation
 *September 16, Saluda Garden Club Presentation - Farm Tour & Monarch Presentation
 *September 16, Planting for Pollinators
 *September 28, The North Carolina Arboretum Society Annual Meeting
 *September 28, Monarch Butterfly Day
 *August – September, Monarchs in the Classroom
 August 30 - September 1, Apple Festival (Downtown Hendersonville)
 *September 15, Learn About Trees on Main Street.
 *October 5, Learn About Trees Along the Oklawaha Greenway
 *October 5, Farm City Day
 *October 30, Pollinator Presentations at FernLeaf Community Charter School
 *November 1, 359 Social Club Gathering to Benefit "Bring the Hive Alive!"
 *November 8, Henderson County Community Co-op Harvest Festival
 *November 14, Pollinator Habitat Meeting
 December 7, Introduction to Beekeeping
 December 7, Historic Johnson Farm Christmas Festival

Other Education & Outreach activities that are not events:

Pollinator Exploration Kit (Available for Loan)

Calling all educators: teachers, naturalists, gardeners, park rangers, camp counselors, outdoor/environmental educators, home-school parents, childcare professionals, and more! Bee City USA – Hendersonville is eager to help you share the wonder of pollinators with children you teach. Whether exploring your own backyard, schoolyard, or a local park, you'll find many helpful tools in our Pollinator Exploration Kit. The kit includes sets of 12 sturdy child-size insect nets, special bug capture bubbles, bug boxes with magnifying lids, and magnifying glasses. Two pop-up insect habitats and two sets of laminated fold-out field guides (NC Trees & Wildflowers, NC Butterflies & Moths, Bees & Other Pollinators) are also included. As available, the kit is available for loan for up to a week.

Bring the Hive Alive! Downtown Bee Mural Initiative

Bee City USA - Hendersonville is thrilled to be partnering with Hands On! Children's Museum, local

businesses, nonprofit organizations, and community members to bring The Good of the Hive to paint a BEEautiful bee mural in downtown Hendersonville. In addition to the many benefits provided by public art, we believe this mural will draw attention to the importance of pollinators and inspire actions to help sustain healthy ecosystems. You can support this community-wide effort by making a tax-deductible donation to help bring the bee mural to life in downtown Hendersonville! Donations may be made online at handsonwnc.org/hive or checks (payable to HANDS ON!) may be mailed to 318 North Main Street, Hendersonville, NC 28792. Bee mural sponsorship opportunities are also available. From June – December 2019, over \$19,000 was raised.

POLLINATOR HEALTH & HABITAT

5-acre Pollinator Meadow along Oklawaha Greenway

With technical assistance from Bryan Tompkins at US Fish and Wildlife Service, a previously cleared 5-acre plot along Oklawaha Greenway was planted with a native pollinator-friendly seed mix (from Ernst Conservation Seeds).

May 4: NeighborWoods Project at Green Meadows Community

10 a.m. Distribution of a dozen trees and tree-planting demo at 807 Robinson Terrace. All participants were there to see the demonstration and collect their trees.



Mark Madsen, Tree Board member, aptly educates students about how to plant a tree on Arbor Day

October 19: NeighborWoods Project at Green Meadows Community. 10 a.m.

Tree Board distributed eight free trees to residents who requested them through this program. Tree-planting demo was included by a Tree Board volunteer. Green Meadows is an established neighborhood in need of more trees to provide aesthetic enjoyment and a sense of comfort.

October 19: NeighborWoods Project at Oklawaha Village. 12 noon. Tree Board distributed eleven trees with a tree-planting demo in this recently-built neighborhood. Land was cleared for new construction. Delivery of free trees to interested homeowners was very welcomed.

POLICIES & PRACTICES

Pesticides are not used in designated pollinator habitat and other sensitive sites (except when targeted herbicide use is deemed the best option for invasive or noxious weed management). Mulching is used to reduce weeds in raised bed pollinator demonstration gardens. Weeds are hand-pulled.

Recommended Locally Native Plant Species List —

https://www.hendersonvillenc.gov/sites/default/files/uploads/landscape_species_list_final_2016.pdf

Regional Native Plant Supplier List — Not applicable

Pollinator Friendly Integrated Pest Management Plan — Not applicable

CONTACT US!

Committee — City of Hendersonville Tree Board and the City of Hendersonville Environmental Sustainability Board. Kim Bailey coordinates Bee City USA - Hendersonville, beecityhendersonville@gmail.com, Mac Brackett is the chair of the Tree Board and Beth Stang is the chair of the Environmental Sustainability Board.

Website — <https://www.hendersonvillenc.gov/bee-city>

Social Media — <https://www.facebook.com/beecityhendersonville>