







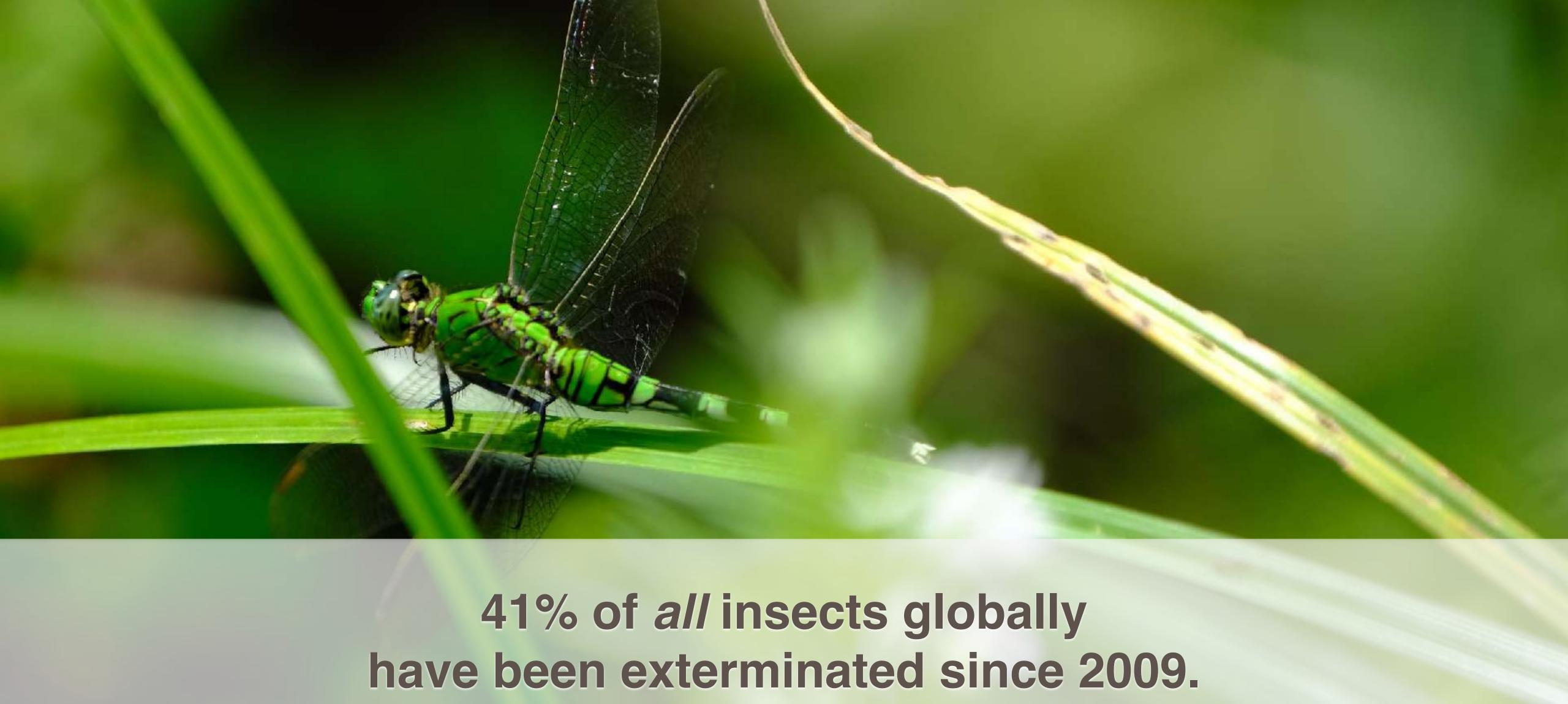






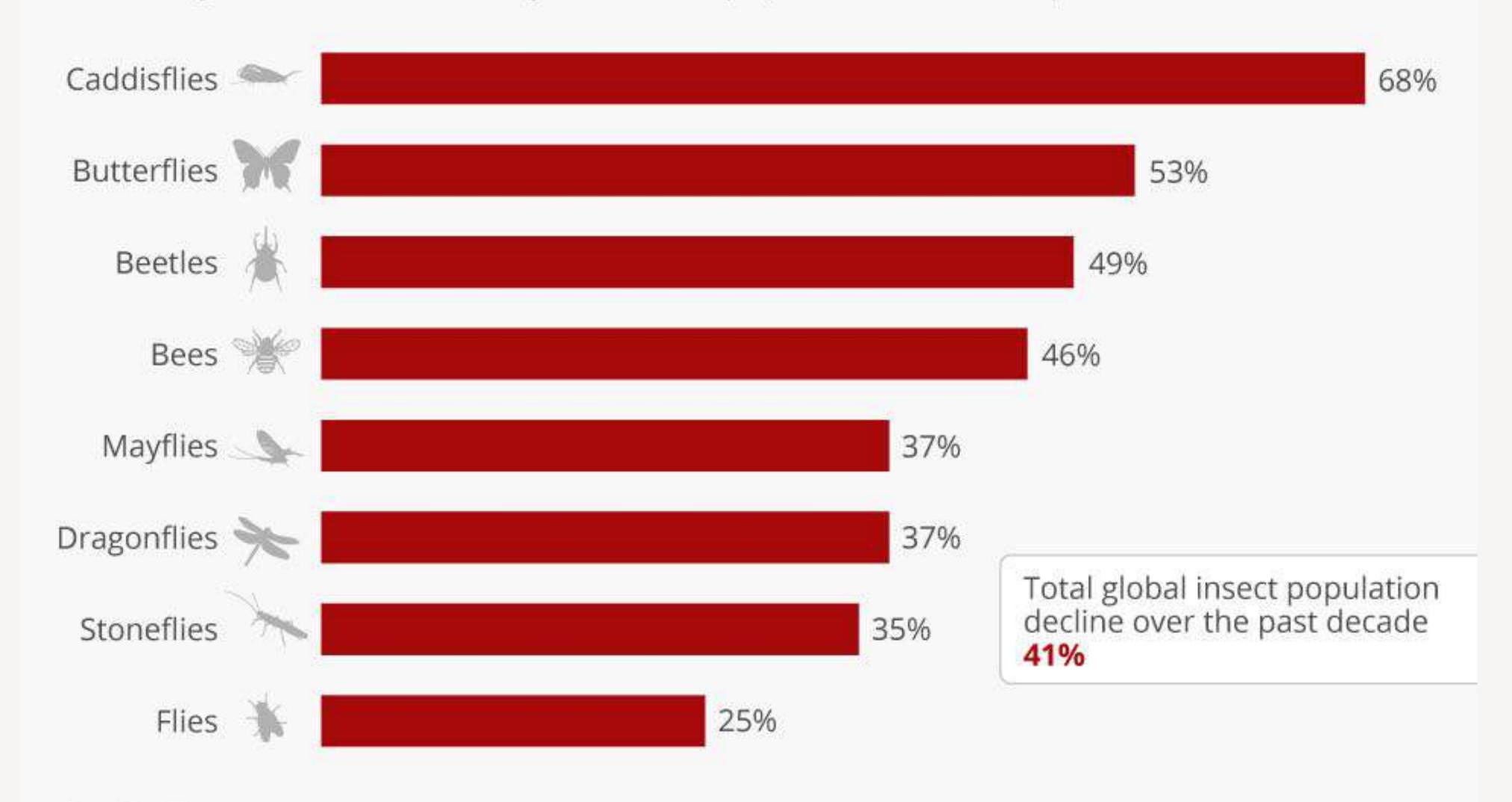
Stop the massive annihilation of species by restoring humanity's symbiotic place within nature.





### Massive Insect Decline Threatens Collapse Of Nature

Percentage decline in selected global insect populations over the past decade







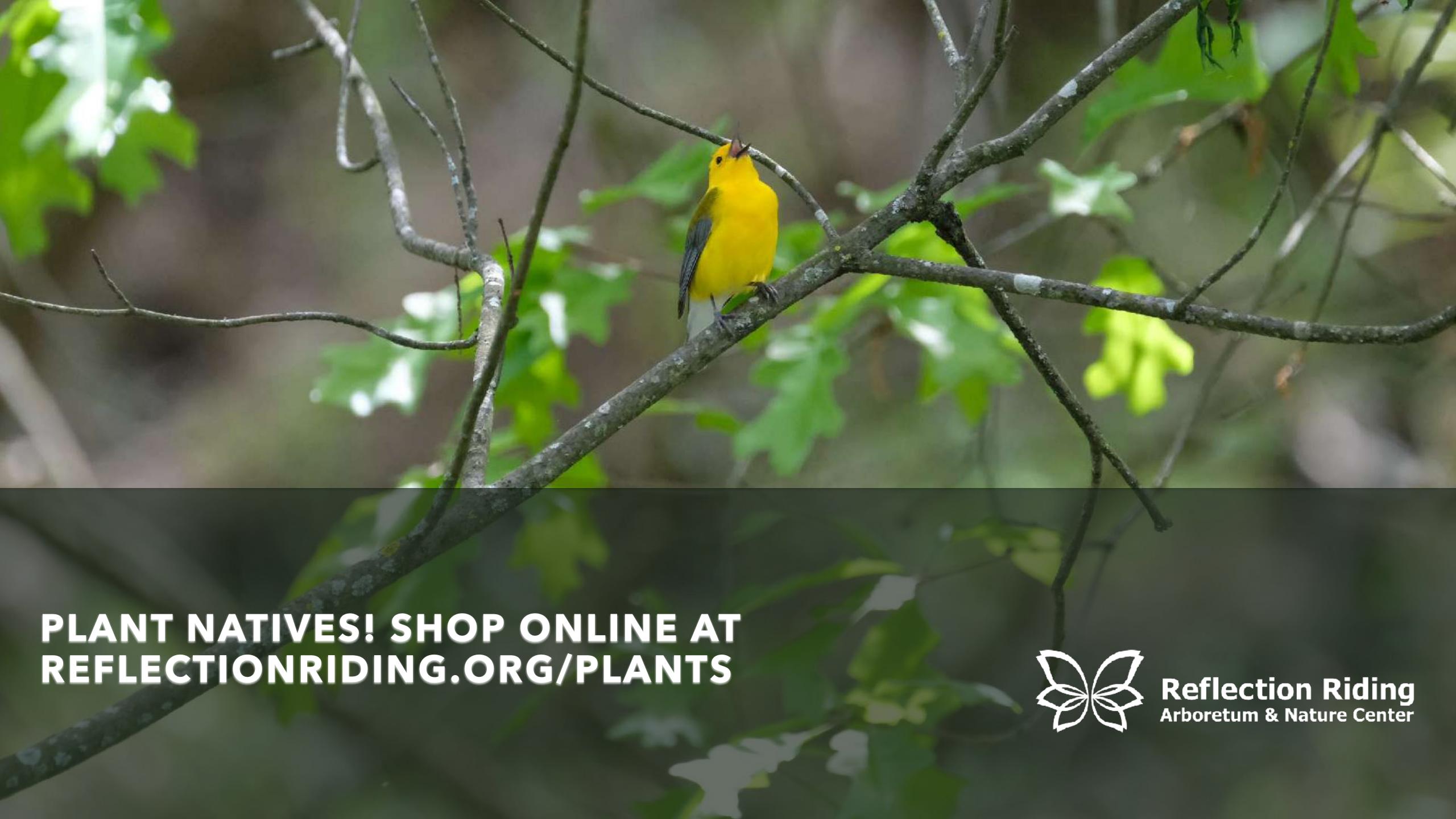


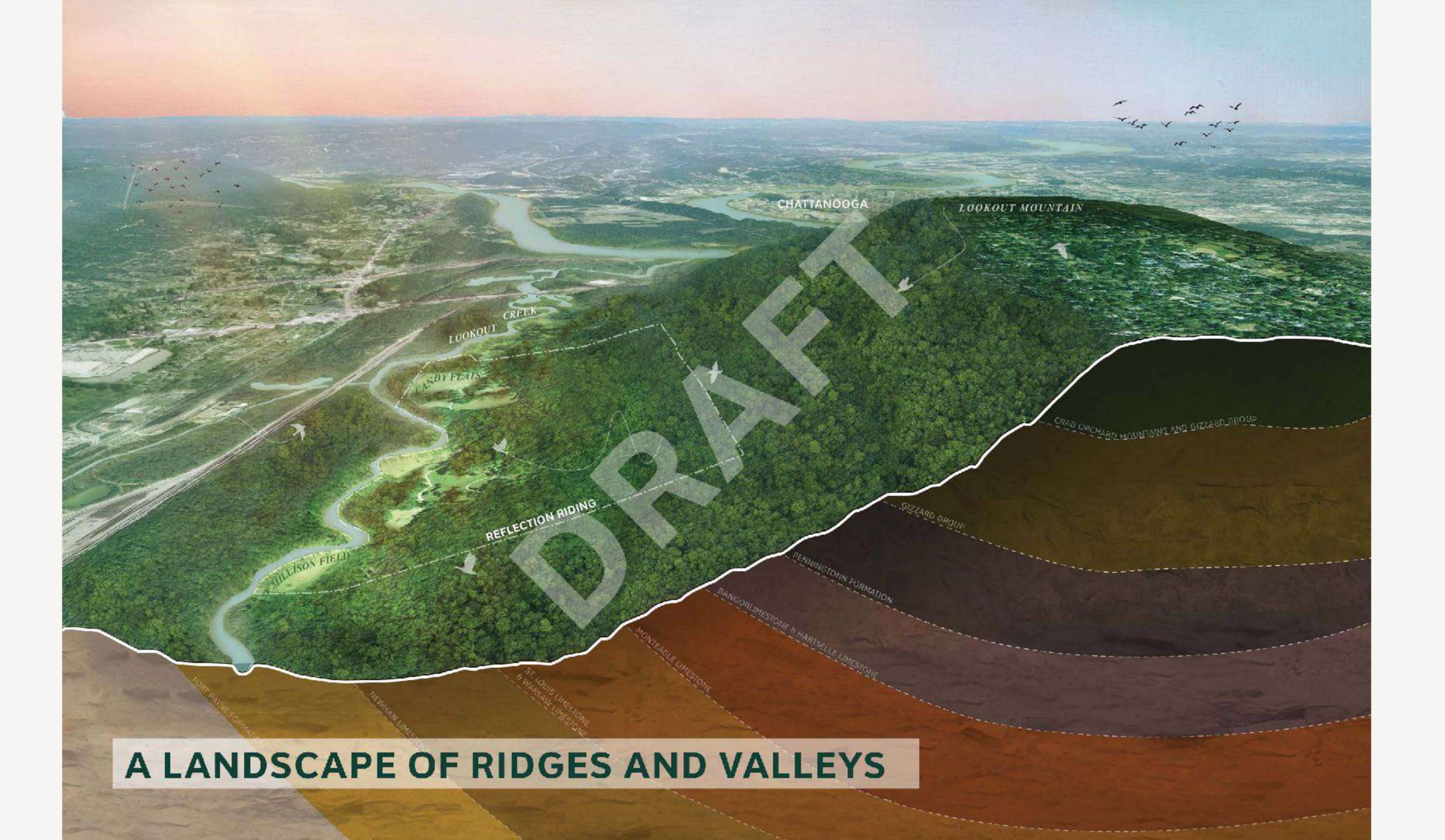


SUPPORT WILDLIFE...
GIVE THEM SOMETHING TO EAT!



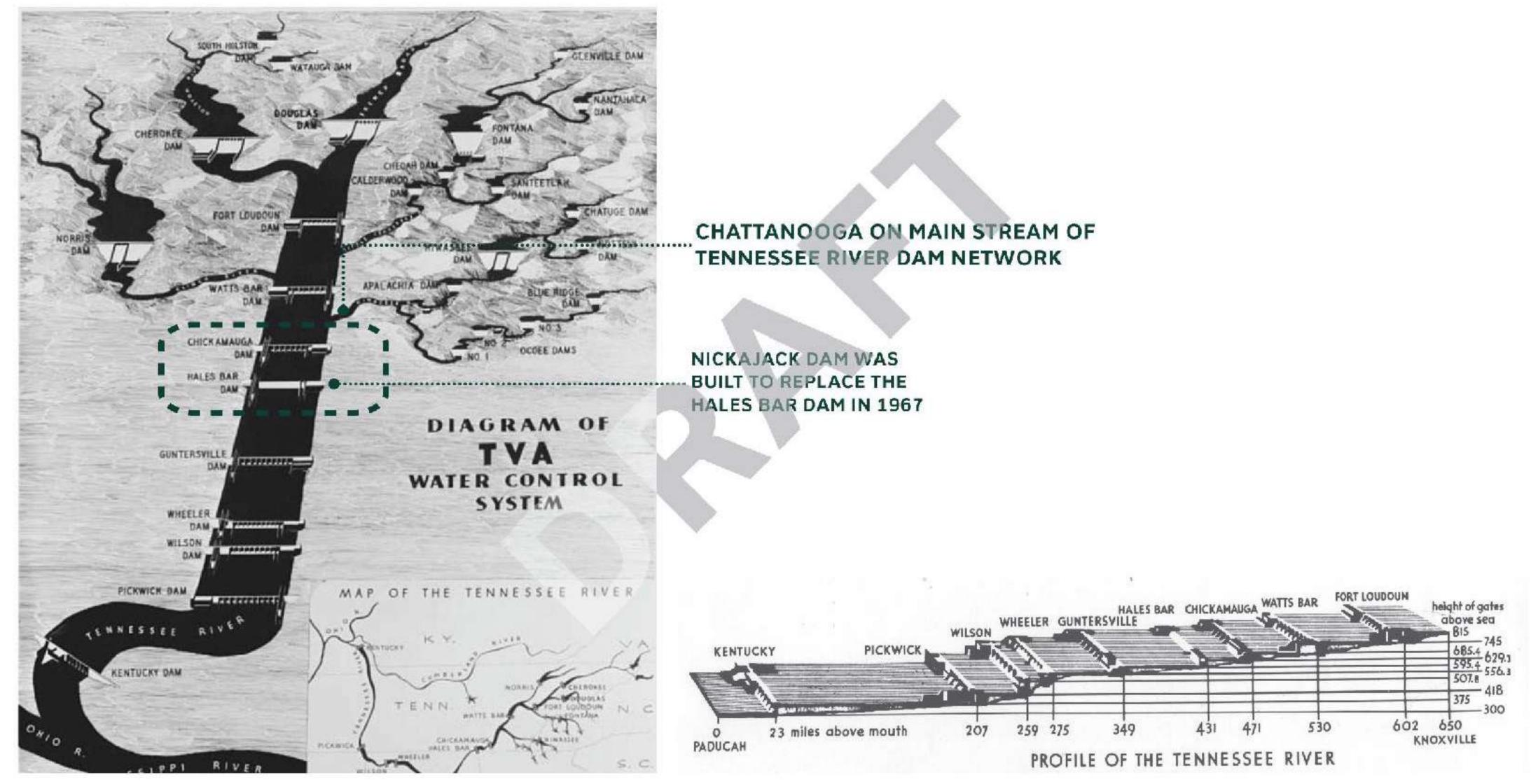






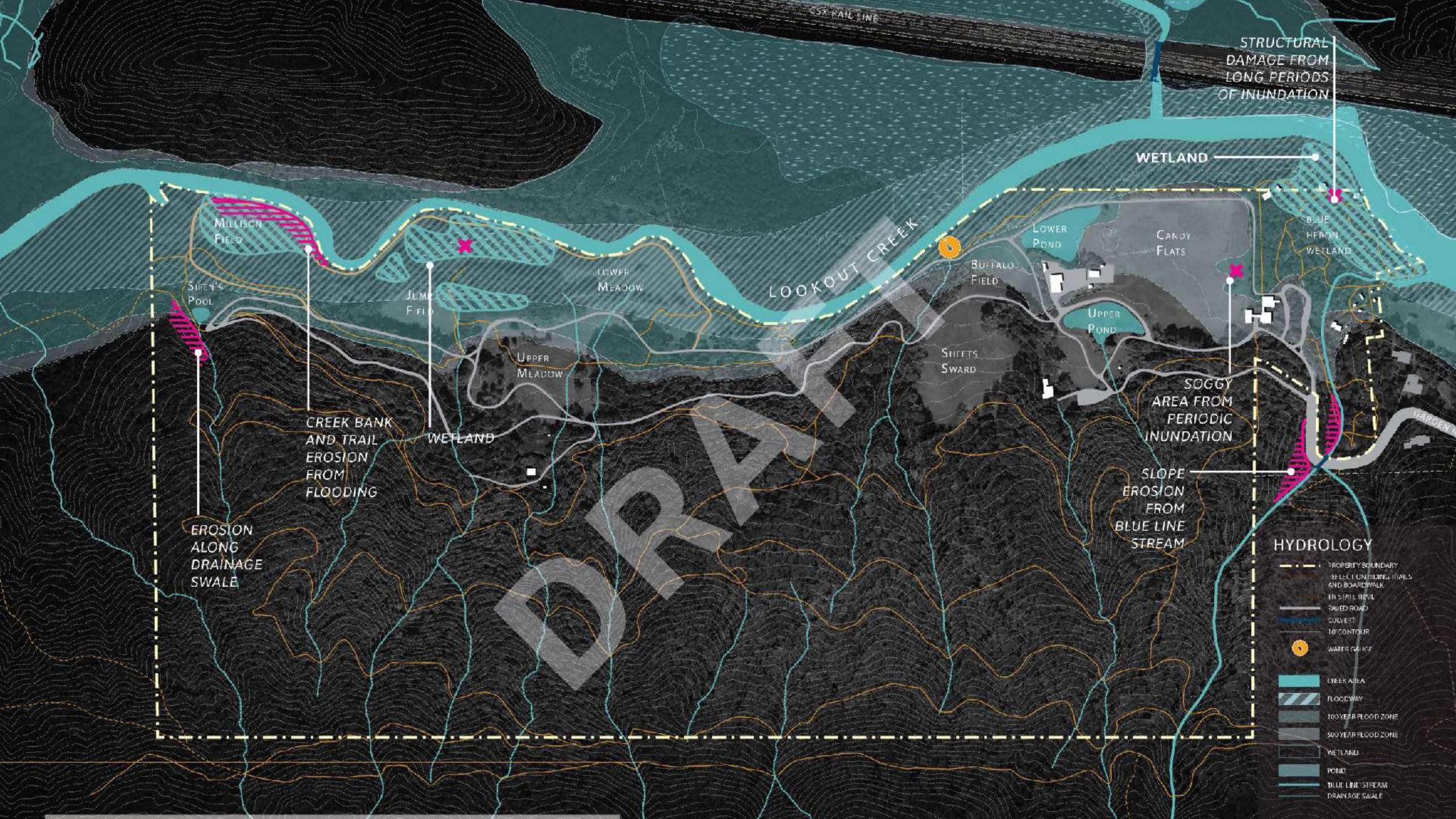


#### THE ESTABLISHMENT OF TVA 1933



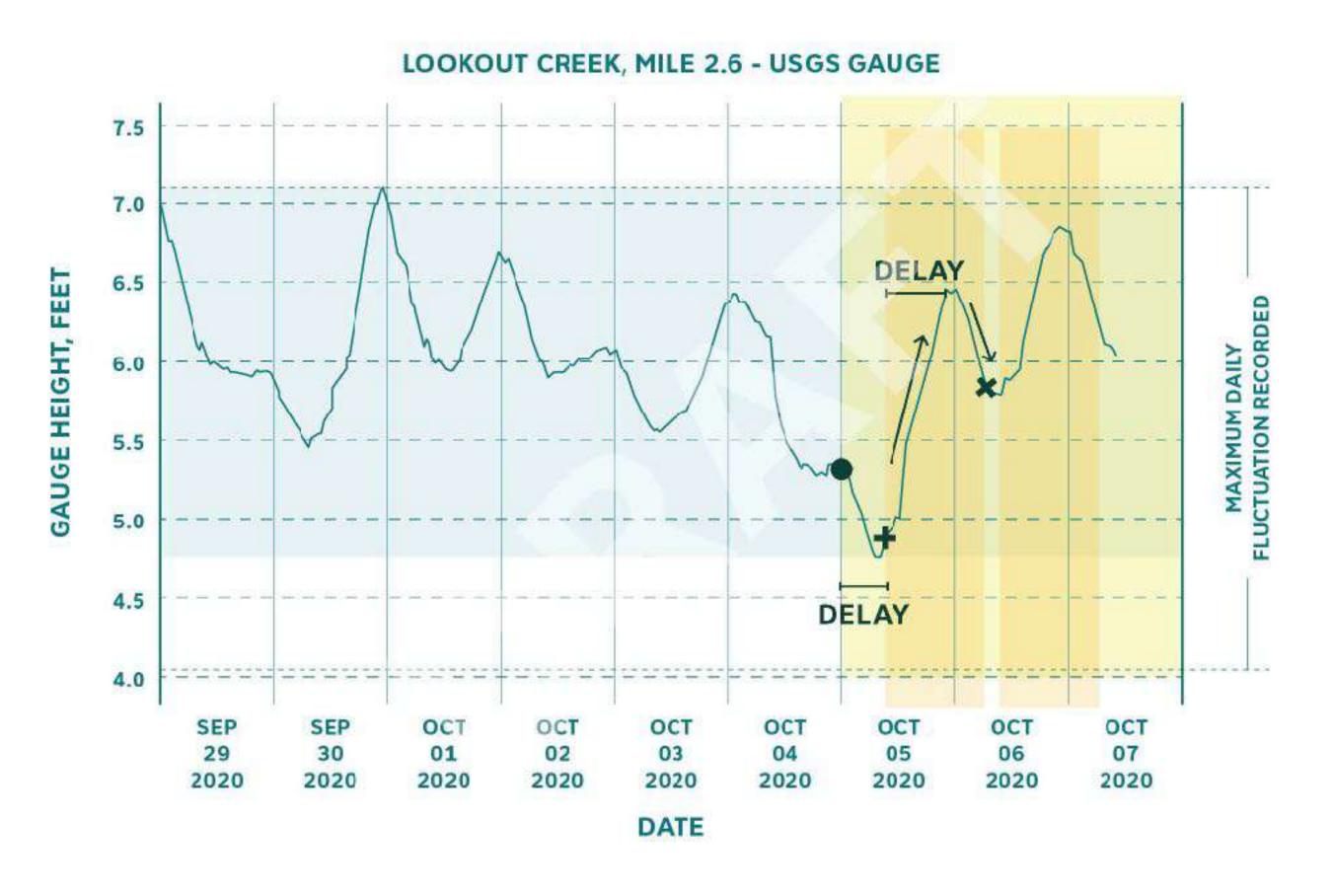
TVA DAM & WATER CONTROL SYSTEM, THE NEW DEAL POSTER





#### WATER LEVEL IN LOOKOUT CREEK

#### DAM RELEASES IMPACT LOOKOUT CREEK WATER LEVELS



- UPSTREAM DAM RELEASE
- + DOWNSTREAM DAM RELEASE
- DOWNSTREAM DAM CLOSED

CHICKAMAUGA DAM RELEASING



RANGE OF FLUCTUA

sources: https://waterweather.gov/ahps2/hydrograph.php?gage=nkjt1&wfo=mrx https://www.tva.com/environment/lake-levels/nickajack https://www.tva.com/environment/lake-levels/chickamauga









### A CONFLUENCE OF BIODIVERSITY



(Agrands canilles)



Pipevine Swallowfail (Eaflus philenor)



White-tailed Deer (Ochcolleus virginiumus)



Fastern Hemlock (Tsuga canadensis) (Fodophydlan pelialum)



Capana Goose (Brunia cunaciensis)



(Thuistrum Packtroides)



Christmes Fern (Polysticia in acrostichoides)



Swallowtail (Papilio glasscus)



Red-bellied Woodpecker American Toad (Melanerpes carolinus)



(Anaxyrus americanus)



(Cercle canadensis)



(Erythronium americanum)



Eastern Phoebe (Sayarnis phaebe)



(Threjotharus hidraricianus) (Passifiora incornata)







(Mexternia singinica)



Eastern Bluebird (Sinha sialis)



(European americana)



(Silene virginiza)



Great Kine Heron (Ardea herválics)



(Limentals ar therais)

Cardinal Flower (Lobelia cardinalis)



Crass Vine (Bigraria copreviata)



Indian Pink (Spipelia marilandica)



Pileated Woodpecker (Dryocopus pieulus)



Common Jewelweed (Temputiens cupensis)



Tulip Tree (Lirisdendron Inlinifera)



Northern Cardinal (Curdinalis cardinalis)



Spring Slue-eyed Mary American Robin (Collinsia verna)



(Tadas nigratorius)



Cut-leaved Toothwart (Cardwráne concusenata)



Gray Ratsnake (Purtherophis spiloides)







Eastern Bluestar



American Beautyberry Hackberry Emperor (Callicarpa americana)





Swamp Rose Mallow (Hibisans moscheuros)



White-breasted (Fackera glabella) Nuthatch (Sitta carnimensis)



Ascleylas agrinca)



Black-eyed Susan (Rudbeckla hirta)



(Chammecrista jasciculata)



American Goldfinch



Common Slider (Truchennys scripta)



White-throated Sparrow Jacob's Ladder (Zanotrichia albicollis)



(Chimaphila maculata)



Large Milkweed Eug (Oncopeltus fasciatus)



Downy Woodpecker (Dryocates pubescens)























(Polemonium replans)



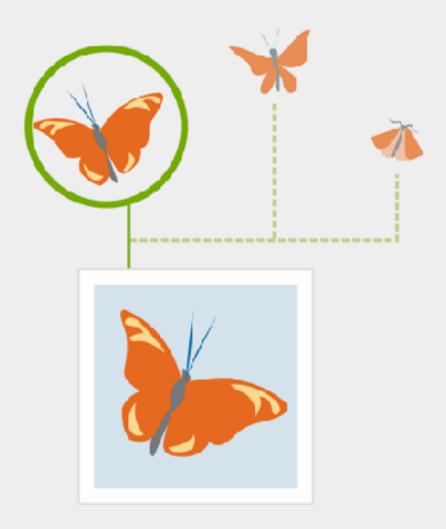
# HOW DO I KNOW WHAT'S AT RISK?





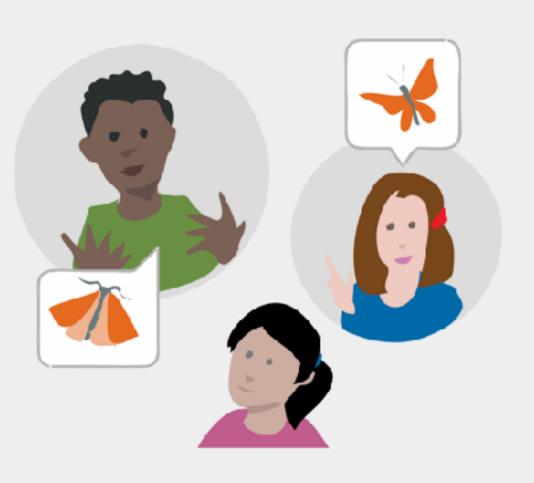
#### Observe

Get outside and observe an individual organism. Pick something wild, and take a clear, full frame photo.



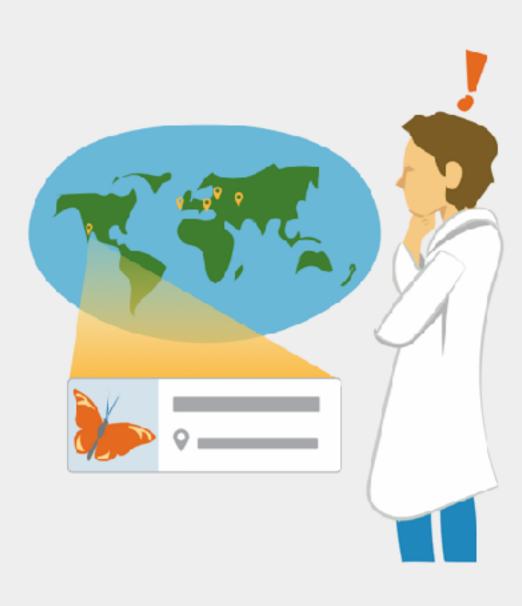
#### Identify

iNaturalist will automatically generate suggestions based on your photo and location.



#### **Discuss**

Share your observation with the community to discuss and confirm your findings.



#### Contribute

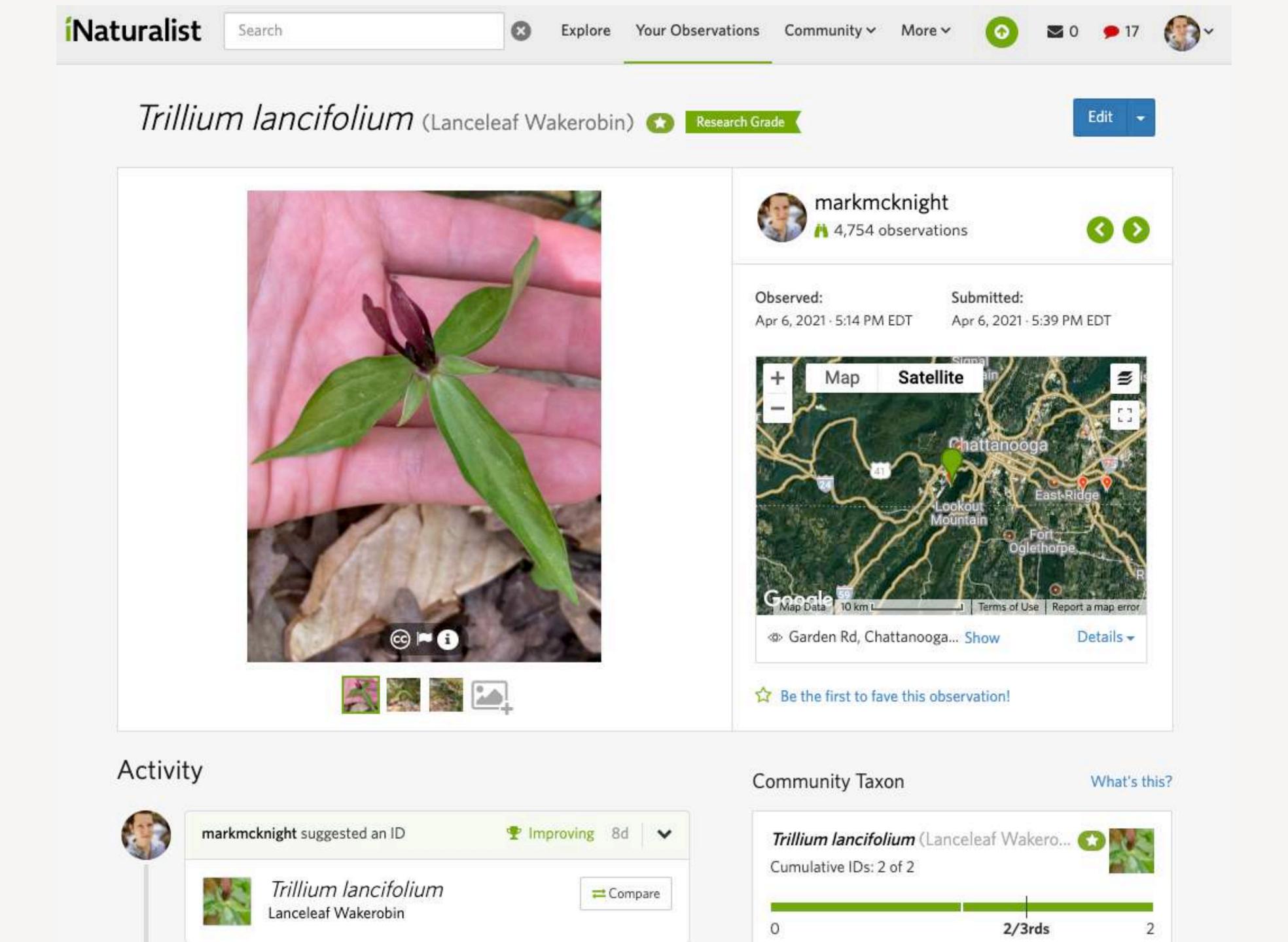
Your observation may be vetted as Research Grade and shared with scientists working to better understand and protect nature.

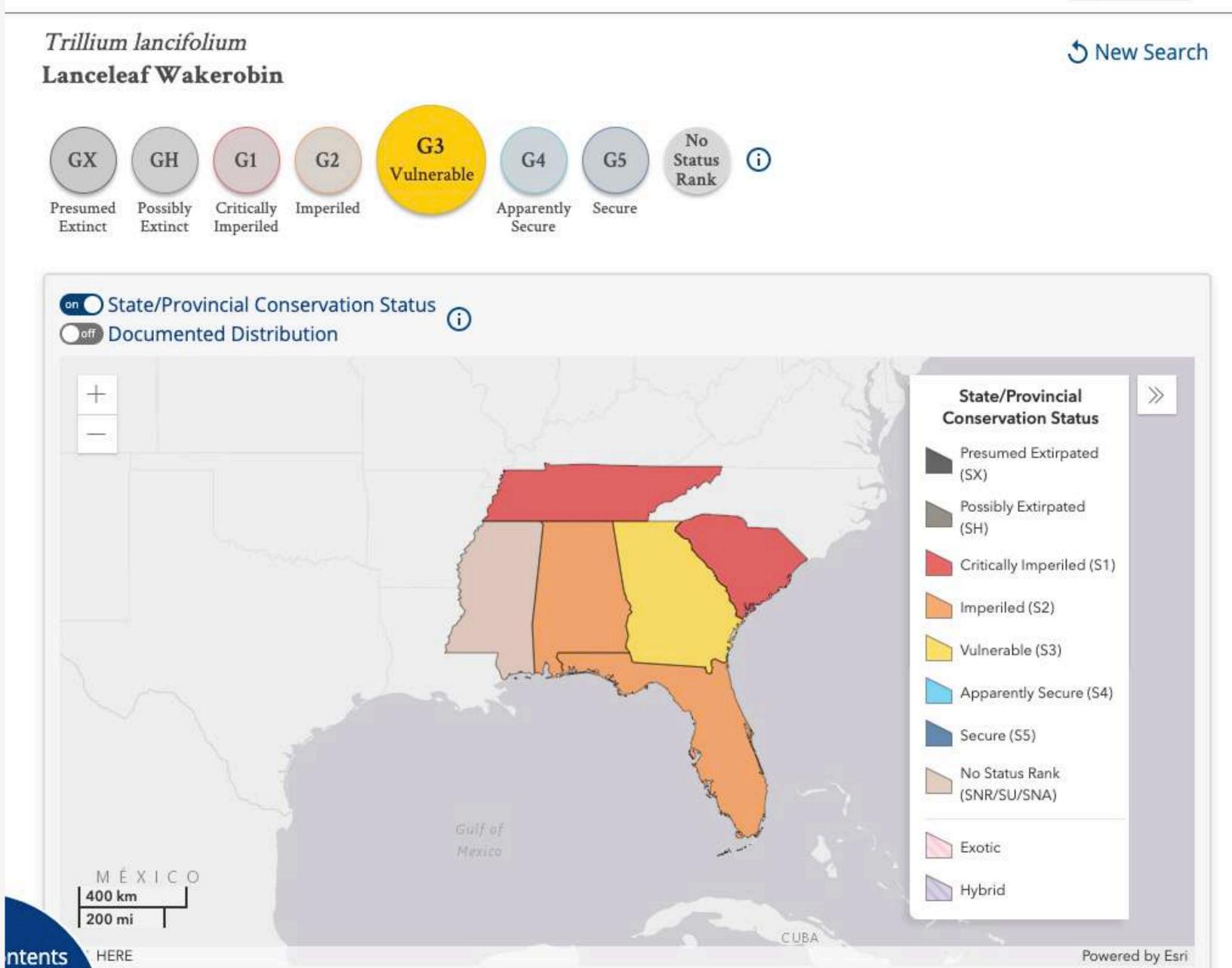
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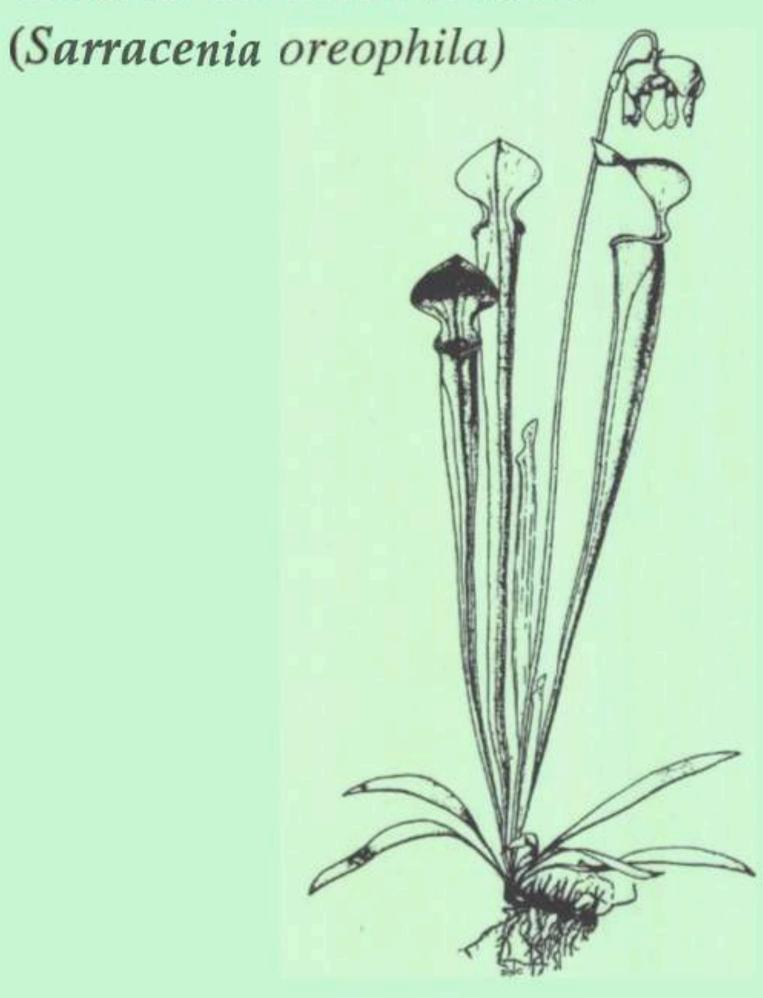
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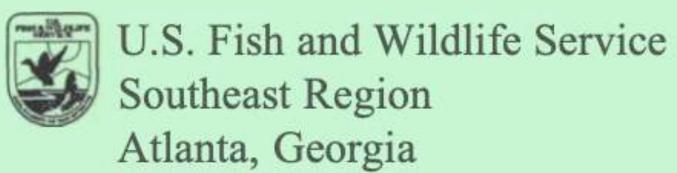




# RECOVERY PLAN

#### Green Pitcher Plant











The 2021 City Nature
Challenge takes place in 2
parts

April 30 -May 3

Taking pictures of wild plants and animals.

May 4 -May 9

Identifying what was found.

To see a list of participating cities, click here

Results will be announced on Monday May 10th.

# RESULTS FOR CHATTANOOGA

- 3418 observations
- 961 species
- 250 observers

## GOALS FOR CHATTANOOGA 2021

- 5000 observations
- 1100 species
- 500 observers

# HOW DO I KNOW WHAT TO PLANT?

# RESULTS FOR CHATTANOOGA 2020

- 3418 observations
- 961 species
- 250 observers

## GOALS FOR CHATTANOOGA 2021

- 5000 observations
- 1100 species
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REFLECTIONRIDING.ORG/PLANTS



Based on our latest inventory as of 04/08/2021. Inventory changes frequently. Bookmark this page: reflectionriding.org/plants for updates.

Nursery Hours: Tuesday - Saturday 9:00 A.M. - 3 P.M. starting April 1st

For any inquiry questions or delivery requests please email our Nursery Manager - <a href="mailto:dylan@reflectionriding.org">dylan@reflectionriding.org</a> or give us a call at 423.497.6208 during official business hours

Member Discount - 10% off all plant purchases

#### \* LIMITED AVAILABILITY OF ALL PLANTS - STOCK SUBJECT TO CHANGE \*

Exposure	Water	Soil	<b>Bloom Period</b>	Wildlife
🜣 = full sun	D = dry	P = poor	Sp = spring	= attracts insect pollinators
• = shade	M = medium	A = average	S = summer	> = attracts hummingbirds
• = partial shade	W = wet	G = good	F = fall	= attracts birds

COMMON NAME	BOTANICAL NAME	SIZE	Price	EXP.	WATER	SOIL	HEIGHT	BLOOM	COLOR	WILDLIFE
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#### Perennials

Alumroot, Maple-Leaf	Heuchera villosa	3.5" / Quart	\$7 / \$10		M - D	A - P	1' - 2'	S	White	4
Alumroot, White	Heuchera alba	3.5"	\$7	* •	M - D	A - G Acidic	.75' - 1.5'	s	White & Green	4
Aster, Big-Leaved	Eurybia macrophylla	3.5" / Quart	\$7 / \$10		М	A - G	2' - 3'	S - F	Blue	4
Aster, Blue-wood	Symphyotrichum cordifolium	3.5" / Quart	\$7 / \$10	* )	D-M	A - G	2' - 5'	S - F	Blue - Yellow Center	4
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### Wildlife

= attracts insect pollinators

> = attracts hummingbirds

= attracts birds

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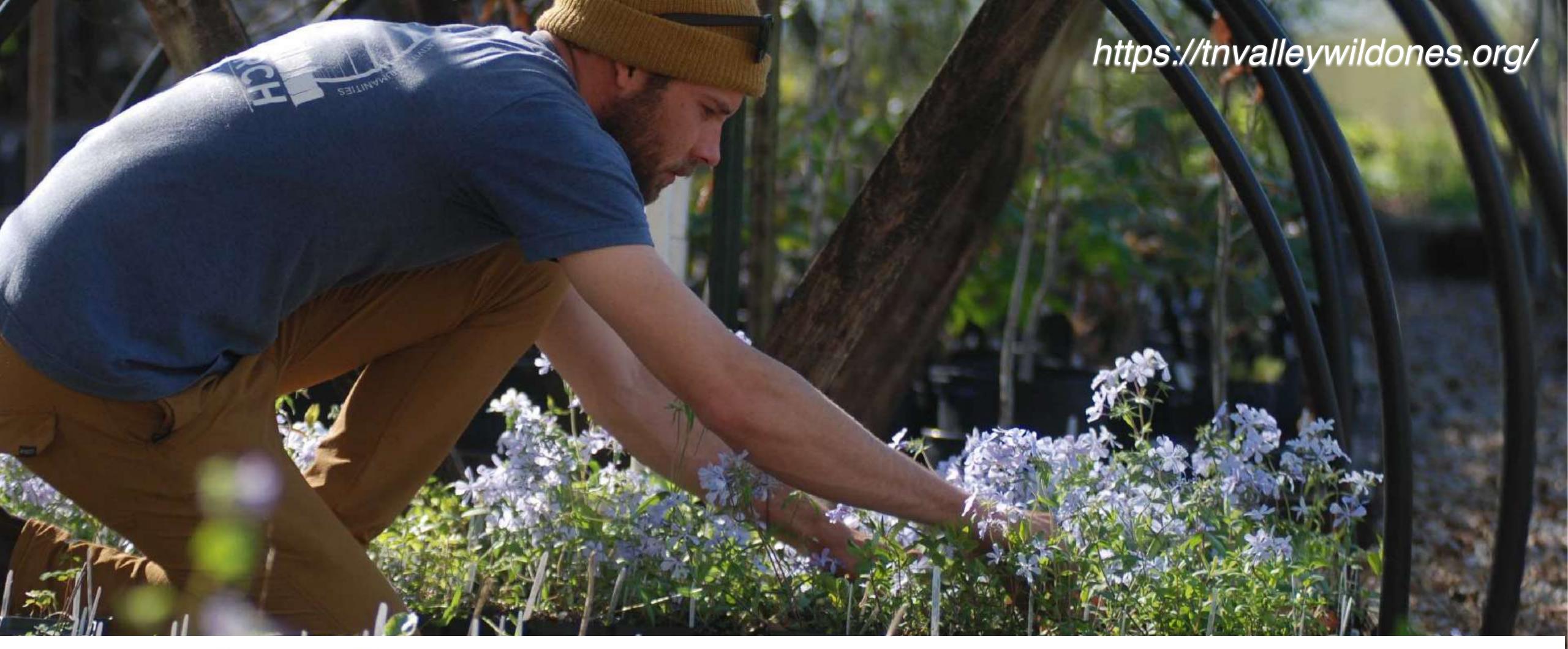
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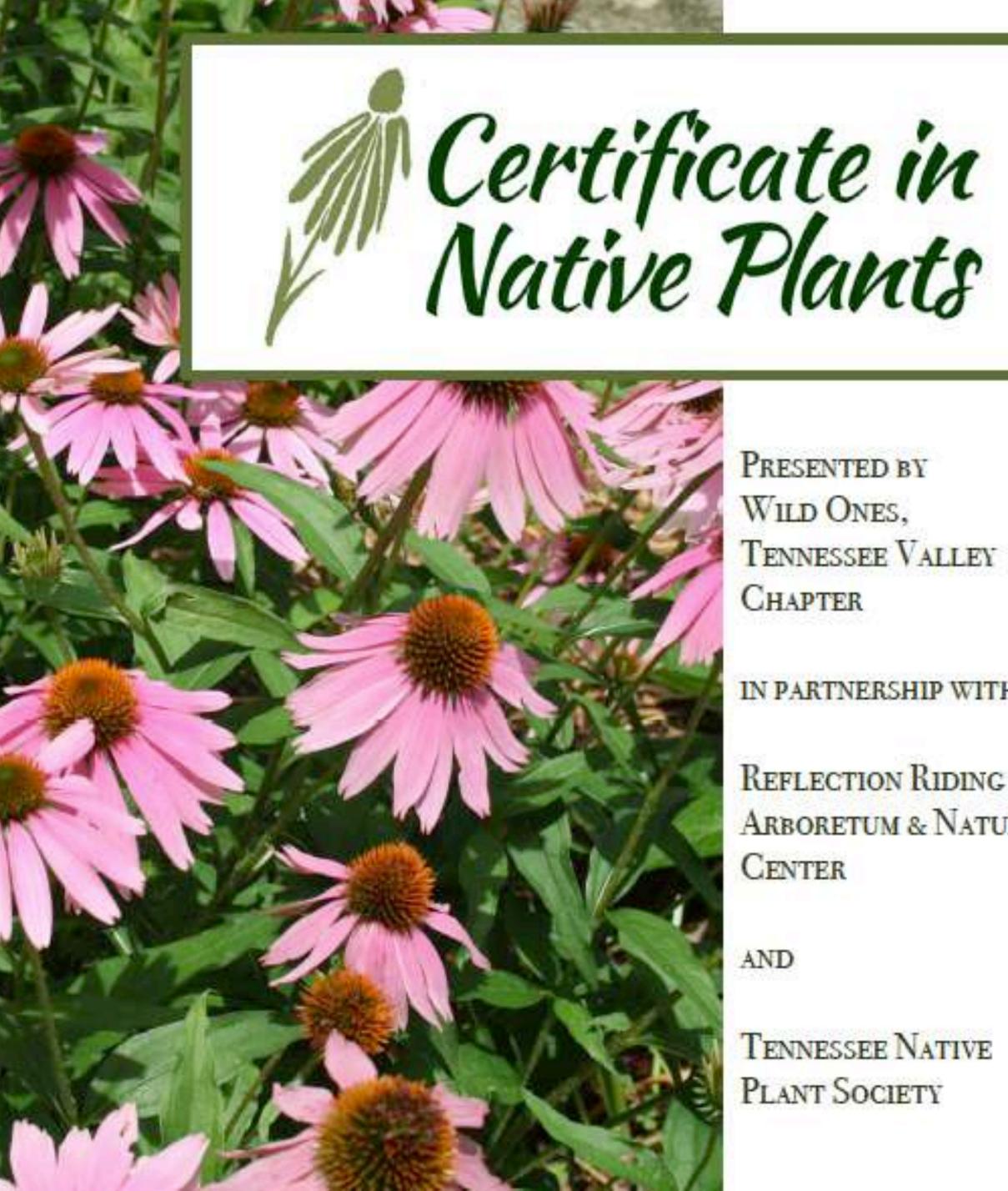
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## Tennessee Valley Chapter of Wild Ones

Healing the Earth, One Yard at a Time



PRESENTED BY WILD ONES, TENNESSEE VALLEY CHAPTER

IN PARTNERSHIP WITH

REFLECTION RIDING ARBORETUM & NATURE CENTER

TENNESSEE NATIVE PLANT SOCIETY



## TN INVASIVE PLANT COUNCIL BYRON BROOKS

VOLUNTEER@REFLECTIONRIDING.ORG

# VOLUNTEER! PRIVET PULLS, ID SKILLS & TREATMENT METHODS

VOLUNTEER@REFLECTIONRIDING.ORG

