



Help build on the Million Pollinator Garden Movement







Welcome from Collin O'Mara President and CEO

Uniting all Americans to ensure that wildlife thrive in a rapidly changing world

Partners

Thank you from the Co –Founders



Val Dolcini **Laurie Adams** POLLINATOR Protect their lives. Preserve ours.













Casey Sclar





NATIONAL GARDEN

BUREAU

Diane Blazek













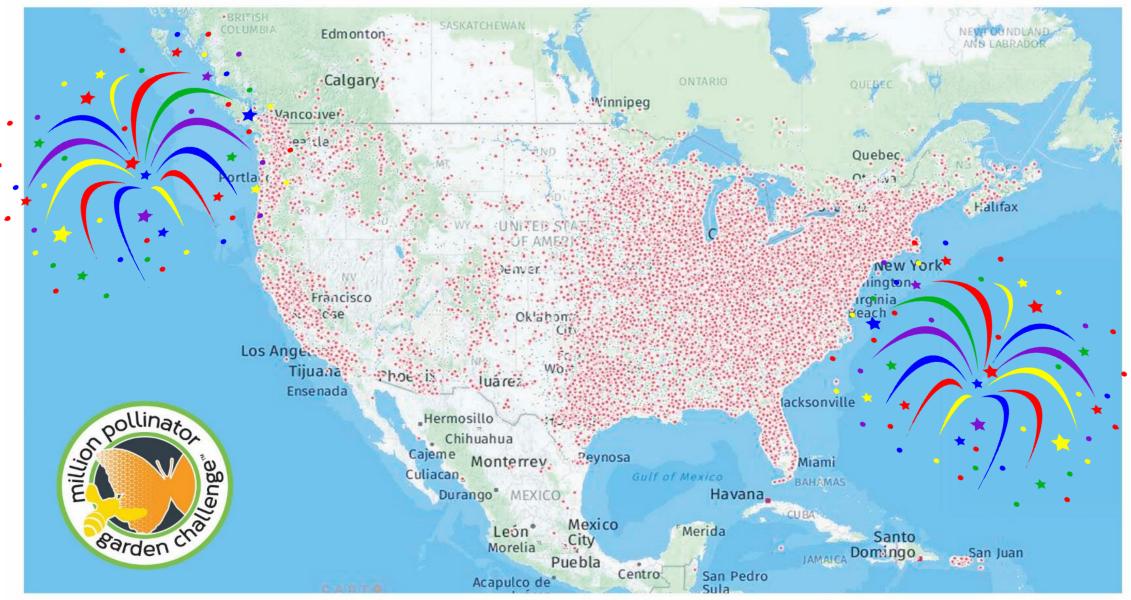








Seth Reed



The 1,040,000 individual pollinator gardens concentrate in the United States, bordering Canadian provinces, and Mexico states. Additional gardens are registered across the globe. Click on sites to see details on many gardens at: http://millionpollinatorgardens.org/about/)





The Mission of the National Pollinator Garden Network (NPGN) is to inspire individuals and community groups, institutions and the garden industry to create more pollinator habitat through sustainable gardening practices, habitat conservation and to provide these groups the tools to be successful.





































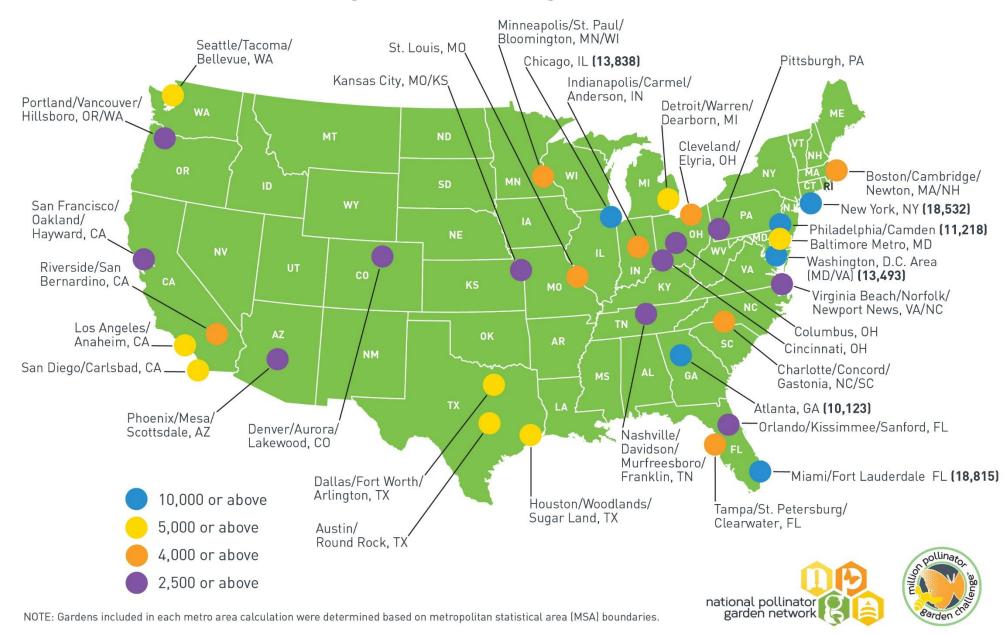




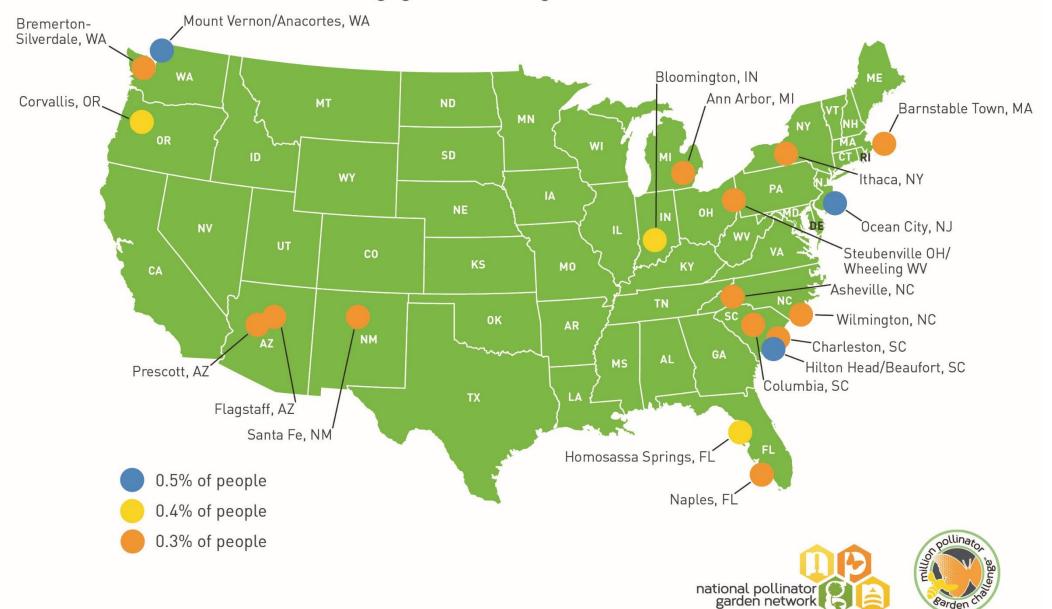
DGA

DIRECT GARDENING ASSOCIATION

Top Metro Areas: Highest Numbers of Registered Gardens



Percentage of the Population Engaged in Planting for Pollinators



Correo Real

te invita a formar parte de la:

Red de Jardines para Polinizadores

Representando a México, PROFAUNA A.C. a través de sus programas Correo Real y Aprendiendo del Árbol, se suman a la iniciativa de **Historias Exitosas** de Monarch Joint Venture y al desafío **Million Pollinator Garden**



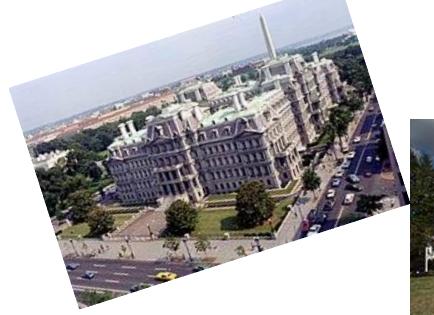




Si te gustaría sumarte a participar, te invitamos a revisar los 2 pasos a seguir de esta convocatoria.













Erin Sweeney

Sr. Coordinator

Garden for Wildlife



GARØEN FOR WILDLIFE www.millionpollinatorgardens.org

4 NPGN Annual Meetings- Event Coordination White House-Old Executive Office Bldg Smithsonian Natural History Museum American Horticultural Society-River Farm Empire State Building Materials Support Today's NPGN Web conference!

NPGN Newsletters

Photos Co founder meetings and support



Special Projects





Scott Hoffman Black Executive Director

scott.black@xerces.org

Xerces Society for Invertebrate Conservation



Gardens Make a Difference for Pollinators –What Science is Saying: Introduction

Scott Black

The Xerces Society for Invertebrate Conservation

Building on Momentum of the

Million Pollinator Garden Movement

February 2019



Pollinator conservation can happen at any scale. Even bee lawns and urban meadows can serve as important habitat for a variety of pollinators.





Pollinators need flowers, nest sites and a refuge from pesticides. Gardens can provide all three.



Photos: Bryan E. Reynolds (2); Matthew Shepherd (3); Jennifer Hopwood (2); Nancy Lee Adamson



Beyond the benefits of pollinator habitat gardens provide:

- Sites where others can learn how to plant for pollinators
- Outdoor classrooms where people can learn about nature



Photo: Xerces Society / Margo Conner



Pollinator gardens can provide access to wildlife for underserved communities – this is an equity issue.



Gail Langellotto is a Professor of Horticulture at Oregon State University, where she also coordinates the statewide Master Gardener Program.

Harland Patch focuses his research on different aspects of pollinator biology from genomics and disease to landscape effects of pollinators.

Sam Droege is a native bee expert and works at the USGS Patuxent Wildlife Research Center. Currently his team is running an inventory and monitoring program for native bees.



Photo: Metallic green bee (Augochloropsis metallica), by Clay Bolt



The Importance of Gardens to Pollinators



Gail Langellotto, Ph.D.

Professor of Horticulture

Statewide Coordinator, OSU Extension Master Gardener Program

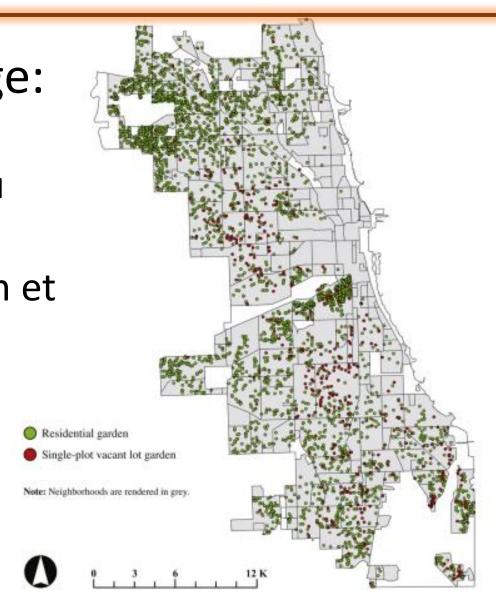


Gardens Have a Large Socio-Environmental Footprint

Gardeners and landscapers manage:

- 2% of US land area (Miles et al. 2005)
- 25-30% of US urban land area (Mathieu 2007)
- >50% of urban greenspace in US (Loram et al. 2007)
- Chicago: 4,493 gardens → 51 acres

Taylor and Lovell, 2012. Mapping public and private spaces in urban areas using object oriented techniques and very high resolution satellite imagery. Landscape and Urban Planning 81: 179-192.



Gardens Have a Large Socio-Environmental Footprint

- Nearly everyone gardens: 80% of US Households, according to the National Gardening Association
- 91% of 1,896 gardeners surveyed plant for pollinators (Bennett and Langellotto, in prep.)



Gardens Are Great Urban Bee Habitat

"We found that both bee abundance and richness increased in neighborhoods with higher human population density . . . "

Lowenstein et al. 2014. Humans, bees, and pollination services in the city: the case of Chicago, IL (USA).
 Biodiversity Conservation 23: 2857-2874.





Gardens Can Host Many Bee Species

- across seven garden studies (AZ, NY, OH, CA) where bees were
 ID'd to species, 213 bee species have been identified
- 110 bee species from 21 gardens in Westchester County NY
 - 7-sampling dates across three years (nets and pan traps)
 - bee community resembled bees from a protected forest
- 42 bee species (and counting) from 24 Portland area gardens
- Fetridge et al. 2008. The bee fauna of residential gardens in a suburb of New York City. Annals of the Entomological Society of America 101: 1067-1077.
- Langellotto, G.A. (2017). An analysis of bee communities in home and community gardens. Acta Hortic. 1189, 491-496



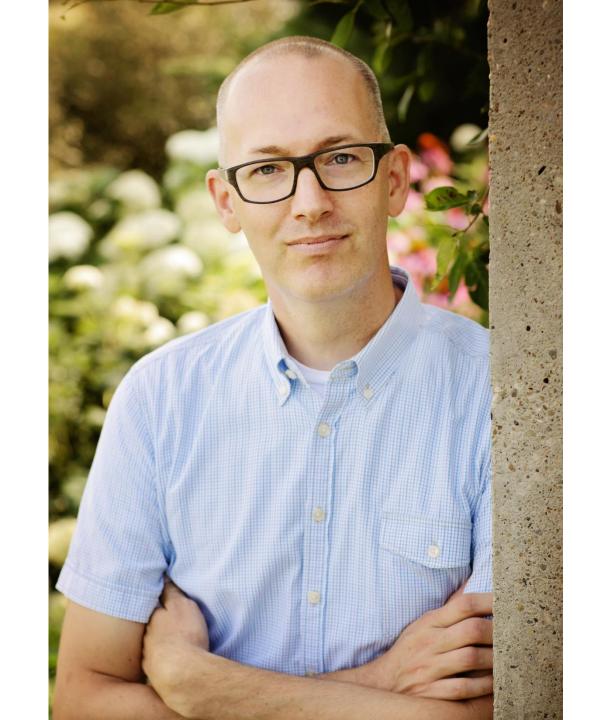
The Importance of Gardens to Pollinators

- 1. Significant land area, that could be managed for pollinator protection.
- 2. A lot of gardeners, who are enthusiastic about pollinators.
- 3. Flowering plants in gardens provide bee forage.
- 4. Gardens host diverse and abundant bee communities.

Dr. Harland Patch hmpatch@psu.edu



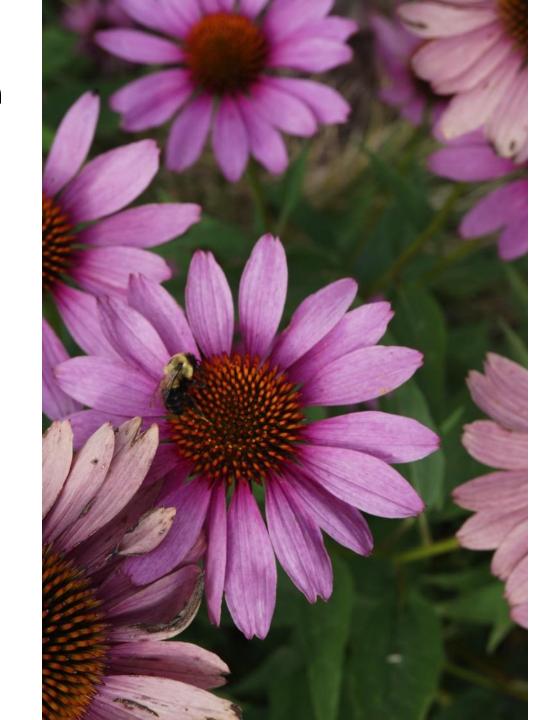




Protecting Pollinators with Ornamental Horticulture

NIFA SCRI funded

Clemson
Conn Ag Experimental Station
Cornell
Michigan State
Penn State
Rutgers
UC ANR
UC Davis
U Kentucky



Zinnia elegans Asteraceae



Zahara Red Starlight Rose Zahara Sunburst Profusion Cherry Zahara Raspberry

Pentas lanceolata Rubiaceae



Starcluster White Starcluster Red Graffiti White Graffiti Red Lace Starcluster Lavender

Tagetes patula + erecta Asteraceae



Alumia Yellow Alumia Red Alumia Flame Alumia Deep Orange Taishin Orange

Lantana camara Verbenaceae



Peach Sunrise Rose Glow Sunrise Rose Yellow Citrus

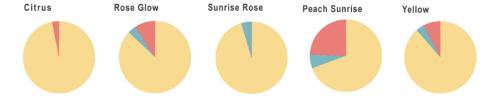
Lobularia maritima Brassicaceae



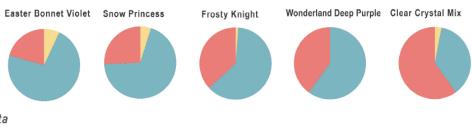
Frosty Knight Snow Princess Wonderland DP Easter Bonnet Violet Crystal Mix



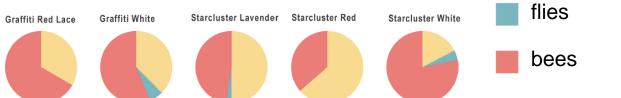
L. camara



L. maritima



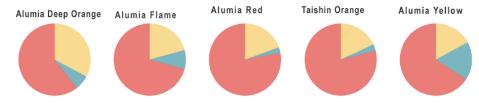
P. lanceolata



butterflies,

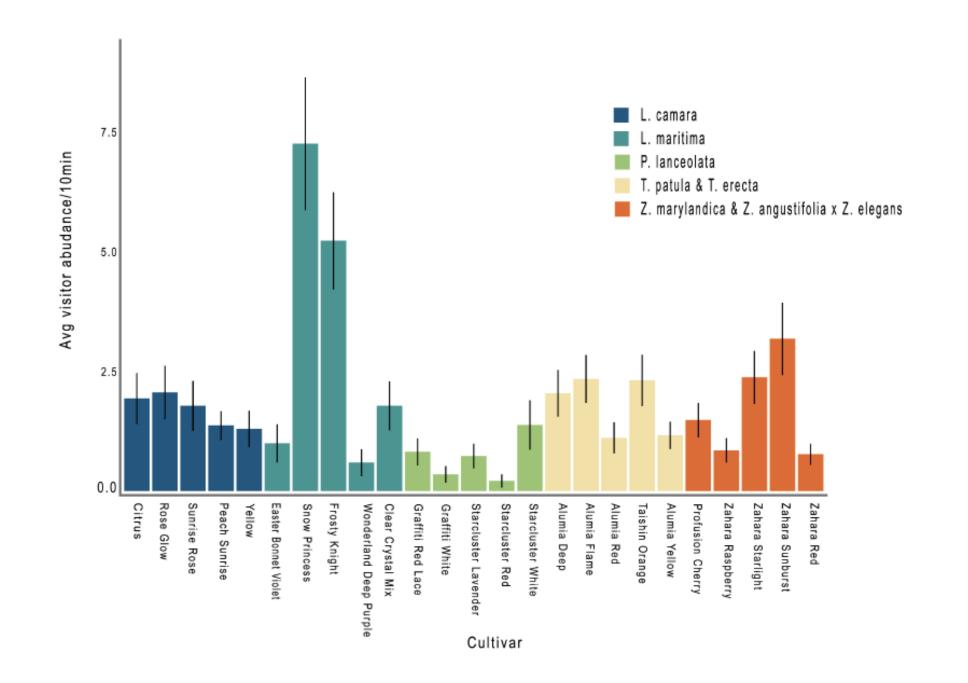
moths

T. patula & T. erecta

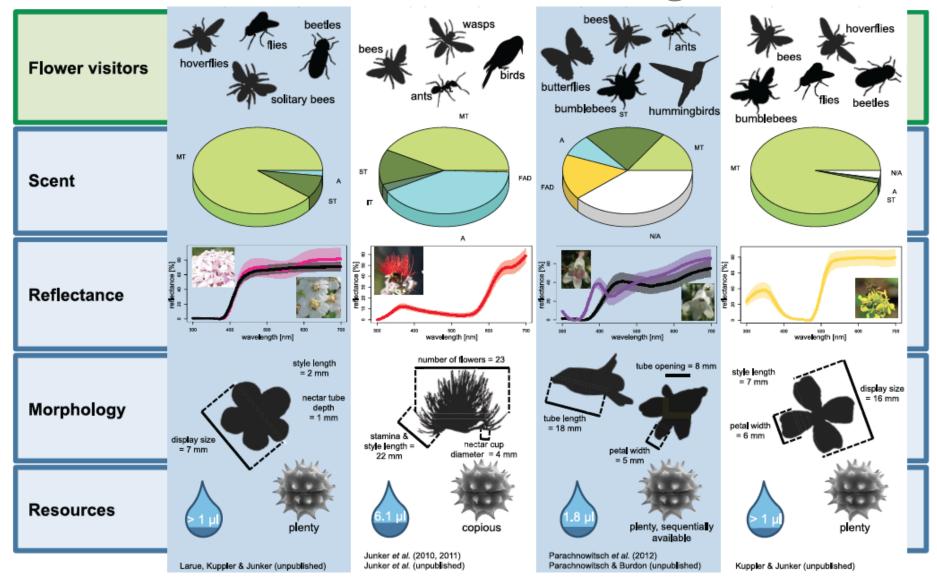


Z. marylandica & Z. elegans x Z. angustifolia





Understanding floral traits for better cultivar selection and breeding



Gardens Matter for Biodiversity

Pollinators' Garden

HO Smith Botanic Gardens, Arboretum at Penn State University



Illustrative Site Plan



Sam Droege Head of USGS Bee Lab



US 4000 CA 2000 TX 1000

East 800/

MD 440

PG 260

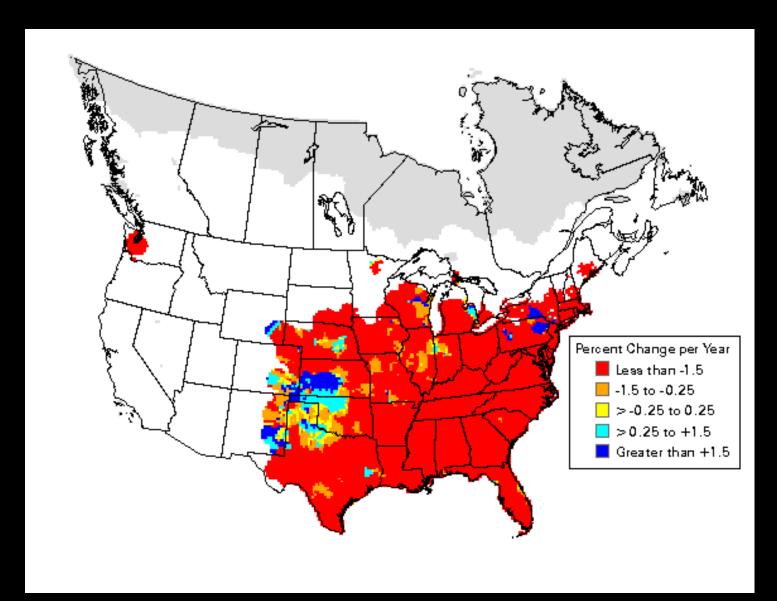
UK 250

DC 173

Gardens 100



The Primary Cause of Bee Decline: Flower Decline



What you Plant Matters

http://jarrodfowler.com/specialist_bees.html



Sidwell Friends School Beetopia?



Bombus affinis





Flickr/Instagram/Tumblr = USGSBIML sdroege@usgs.gov



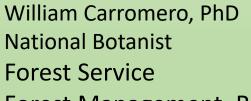
http://bio2.elmira.edu/fieldbio/beesofmarylandbookdraft3.pdf

Congratulatory Video David Suzuki Toronto, Canada

View Here:

https://www.dropbox.com/s/4rtux0zzgg9gjvl/IMG 0421 1.mp4?dl=0





Forest Management, Rangeland Management, and **Vegetation Ecology**

Click to go back, hold to see history

Celebrating Wildflowers

- ▶ Home
- ▶ About Us
- Wildflower Viewing Areas
- Wildflower Ethics
- ▶ Forest Service Regions
- Just For Kids
- **▶** Pollinators
- ▶ Native Plant Materials
- ▶ Invasive Plants

→ Rare Plants

- What is a Rare Plant?
- Why Are Some Rare?
- · Are All **Endangered?**
- How Many?
- Conservation



"Caring for the land and serving people", the mission of the U.S. Forest Service, means caring for rare plants and their habitats, and helping people learn about these special plants on our national forests and grasslands.

What is a rare plant?

Why are some

Are all rare plants plants rare? endangered?

How many rare plants are there?

How are rare plants conserved? How can I help rare plants?

Rare Plant Profiles



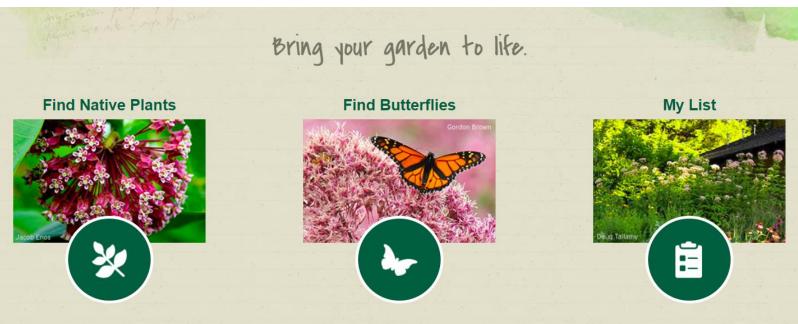


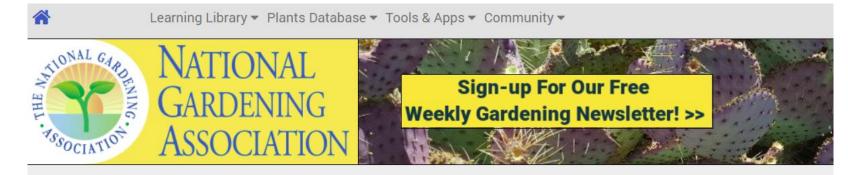
Seth Reed Co-founded GrowIt! The Plant Community

back in 2014 to create a digital resource to engage the next generation of gardeners. The app-based community now has over 700,000 members across North America and works with local garden centers and botanical gardens in attracting more visitors.

Plant Trends







The National Gardening Association

Since 1971, our mission is to promote gardening.

1. We teach people how to get started gardening and to improve their plant growing skills.

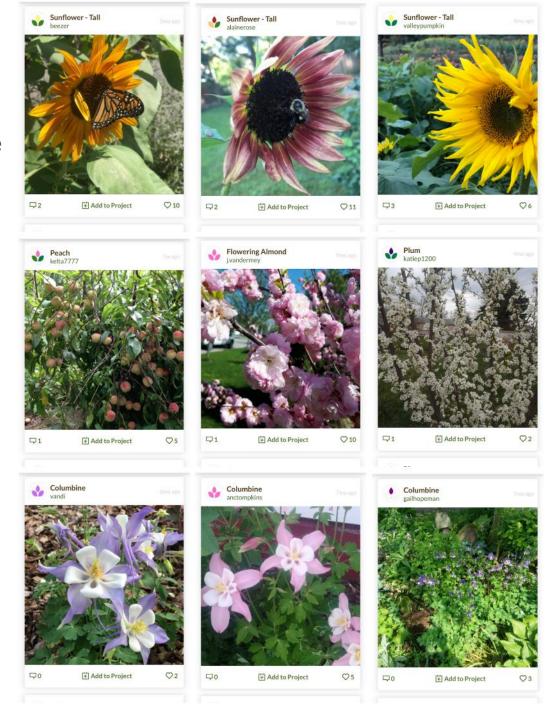
Here's a sample of the rece

2016 2018

Sunflower 22% increase

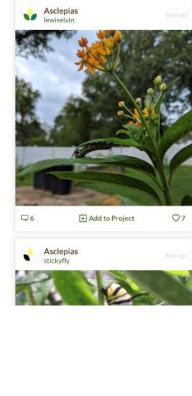
Prunus 20% increase

Columbine 21% increase



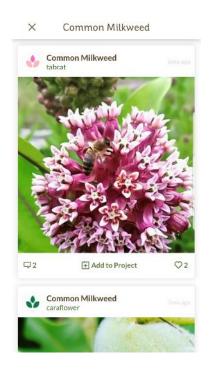


Asclepias6th most viewed plant

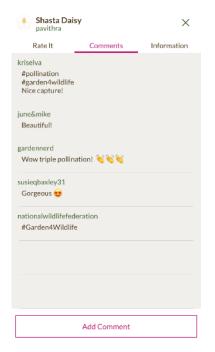


Asclepias

X



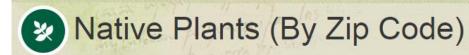






Over **9,000** conversations





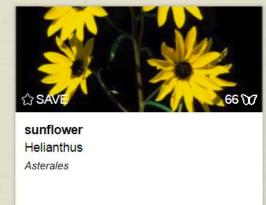
W Discover native plants, ranked by the number of butterfly and moth species that use them as host plants for their caterpillars.

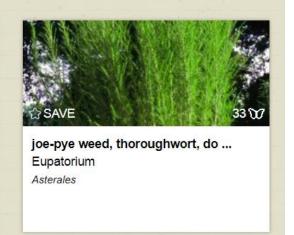
FLOWERS AND GRASSES



Asterales















- 25% uptick in participation in its forum, "Gardening for Bees and Butterflies.
- 45% increase in searches relating to pollination.
- 140,000 photos of pollinator-friendly plants and pollinators uploaded.

	2019 Butterflies, moths and larva by ceci
MI	Planning to start a new Pollinator garden this year? by frostweed
	Zinnias and Butterfly by Poppypod
	National Butterfly Center by crawgarden
	Hedging for Butterflies and Birds by ElPolloDiablo



Clematis (Clematis rehderiana)

Cleveland's Tobacco (Nicotiana clevelandii)



Columbine (Aquilegia canadensis 'Little Lanterns')



Common Thrift (Armeria maritima Armada™ Rose)





NATIONAL MUSEUM of NATURAL HISTORY Smithsonian

Gary Krupnick, Ph.D.

Head of the Plant Conservation Unit Department of Botany

Smithsonian Institution's National Museum of Natural History

202.633.0940

krupnick@si.edu

The need for floral diversity



Pollination syndromes

• Floral visitors are influenced by several flower traits: color, reward, odor, timing, shape.

 The combination of these traits are typically associated with specific pollinators.

 General patterns may not always hold



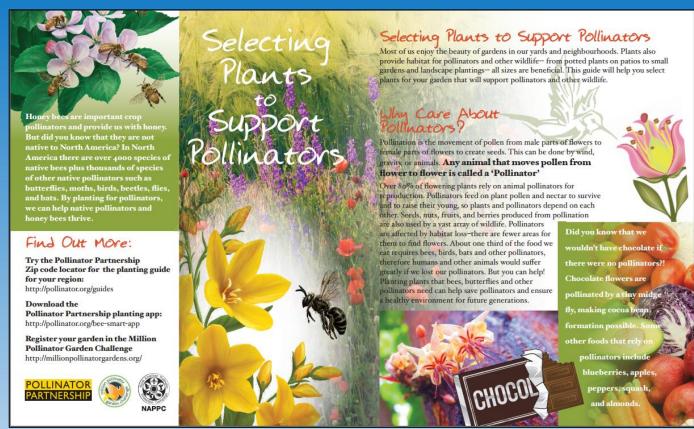
NAPPC Task Force: Selecting Plants for Pollinators

NAPPC EIGHTEEN 2018

18th Annual NAPPC International Conference October 16-18, 2018 U.S. Department of Agriculture

Task force mission

Define pollinator plant material needs in context and determine questions/advice about seed mixes, plants and plugs; native vs. non-native; invasive vs. noxious; etc. Explore pollinator friendly practices for producing plant materials and accessibility for consumers.



Pollinator Garden | Native Nursery | Northeast Region

Steps to a Beautiful Pollinator Garden

- 1. Find a 3' x 6' plot to install your garden that gets 4-6 hours of sun per day, preferably in the morning.
- Remove or smother any vegetation (lawn) and enhance the soil 2. by mixing with organic compost.
- Find plants from the provided table (buying guide) at a local native nursery and purchase the amount listed. Is the 1st choice unavailable? Try the 2nd choice! Want to plant a larger area? Include both choices and clump similar species together.
- Arrange plants in the garden like the planting guide on the card back.
- Dig holes 2x larger than the plants' pots. Lightly break-up the 2. roots, place the plants, and fill the holes.
- Mulch around your pollinator garden without the mulch touching 3. the plant stems.
- Water your garden 2x per week for the first 2-3 weeks—after that, water as needed or if the plant begins to droop.
- Weed as needed. 5.

3.

- 6. Plan on your garden taking a few years to fill in.
- Don't use insecticides, herbicides, or fungicides in your gardens.
- Visit http://millionpollinatorgardens.org/ and www.habitat.network and tell us about your new garden.



3ft × 6ft

VIII		
Buying Guide	Native (1st Choice)	Native (2 nd Choice)
A (1 plant)	Eutrochium fistulosum Joe-Pye Weed	Asclepias incarnata Swamp Milkweed
B (6 plants)	Liatris spicata Blazing Star/Gayfeather	Lupinus perennis Wild Lupine
C (2 plants)	Monarda fistulosa Wild Bergamot/Bee balm	Chelone glabra White Turtlehead
D (2 plants)	Echinacea purpurea Purple Coneflower	Achillea millefolium Common Yarrow
E (2 plants)	Asclepias syriaca Common Milkweed	Monarda punctata Spotted Beebalm
F (3 plants)	Coreopsis verticillata Whorled Tickseed	Asclepias tuberosa Butterfly Weed

Planting Guide | Follow this layout when planting your pollinator garden

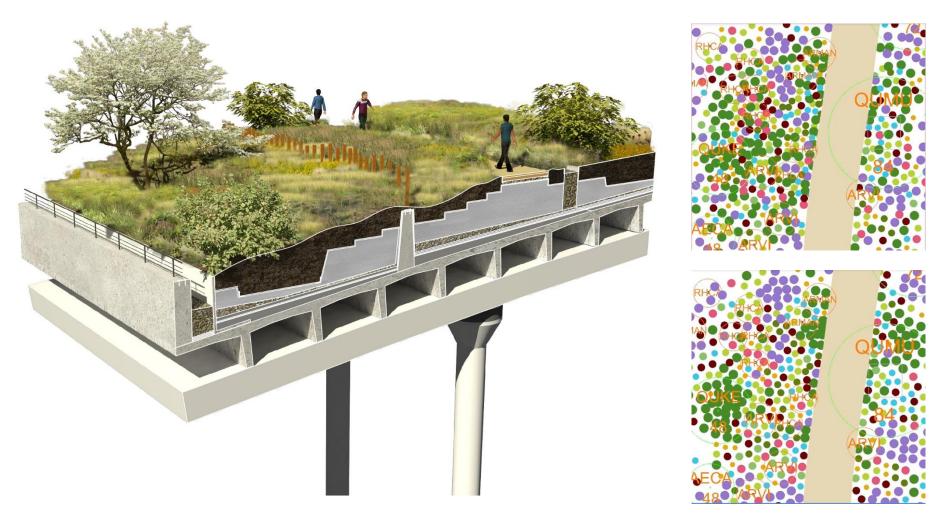


Photo Credits: Front: Chris Helzer/TNC

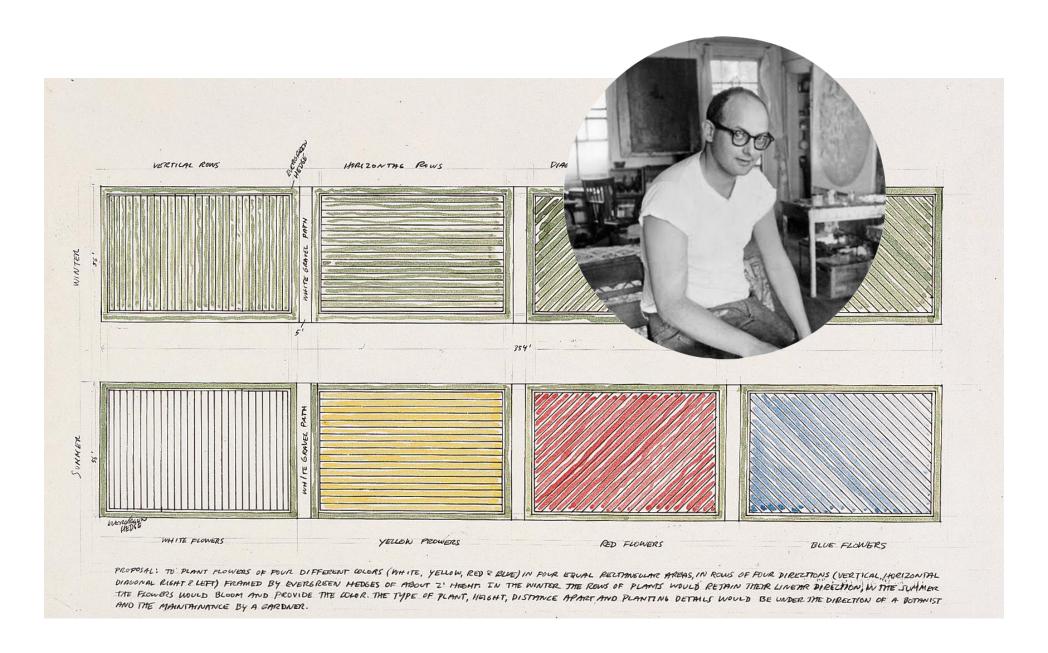
Back: F.D. Richards (Coneflower and Coreopsis), Liz West (Joe Pye-Weed), Frank Mayfield (Bergamot), wplynn (Common Milkweed), Drew Avery (Blazing Star)



USING PARAMETRIC MODELING TO ADVANCE ECOLOGICAL PLANTING DESIGN

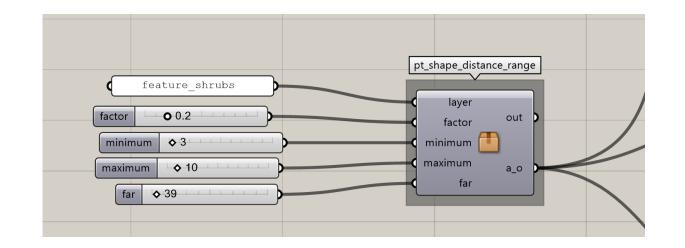


Courtesy, OLIN Landscape Architecture and Urban Design



PARAMETRIC MODELING DESIGN

RULE 1: SHORTEST PLANTS ON OUTSIDE ROWS RULE 2: LONGER-BLOOMING PLANTS ARE USED AT A HIGHER % RULE 3: 50% OF BED MUST BE IN BLOOM **BETWEEN MAY THROUGH SEPTEMBER**



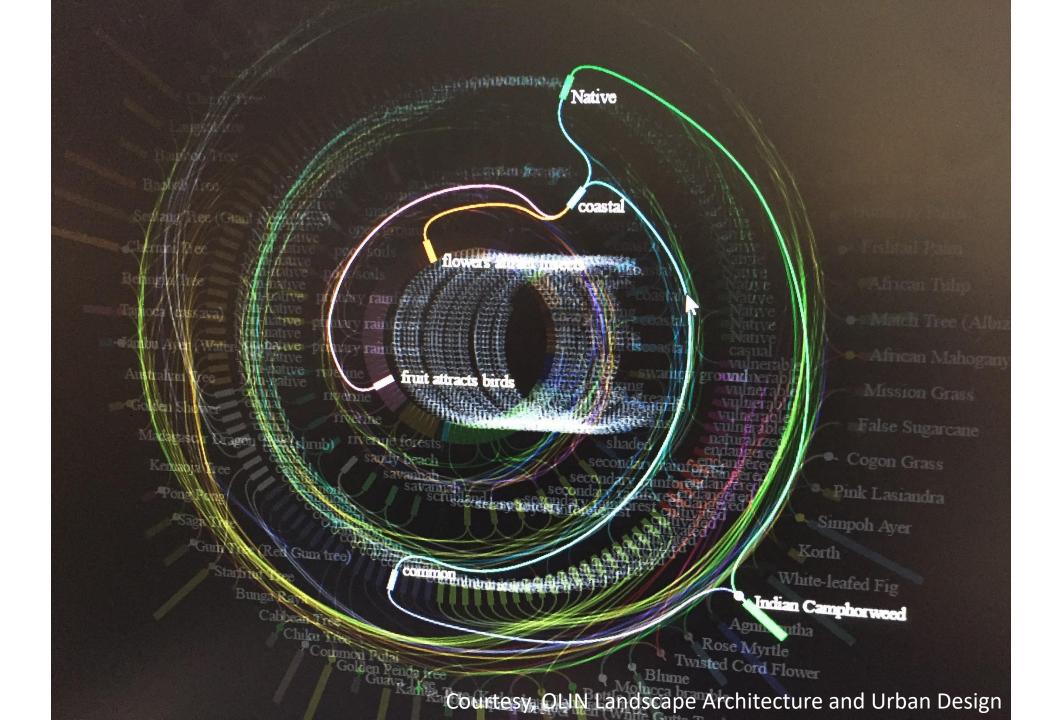


Courtesy, OLIN Landscape Architecture and Urban Design





Courtesy, OLIN Landscape Architecture and Urban Design



Let's Take a Break- Back in 5



Garden Industry Action

Craig Regelbrugge Senior Vice President – Advocacy and Research





Garden Industry Action

- Leading garden retailers and growers are tapping into and cultivating consumer interest in both natives and other pollinator-supporting plants
- Displays and outreach at major industry events
 - Cultivate' 17: a 20 ft x 70 ft pollinator garden display plus multiple pollinator-focused educational sessions
- 40+ print-on-demand items: plant tags, bench cards, and signs
 - Logo usage widespread
 - Plant tags and catalogs
 - Social media
 - (online communications toolkit)







92% indicated an increase in demand for pollinator-friendly plant materials, services, and information.

86% are offering more pollinator-friendly plants, services, and education.

88% report more sales of pollinator plants and services.

70% have begun or boosted marketing efforts in response to pollinator plant and service demand.

GROW WISE. BEE SMART.



Jennifer Schamber Vice President-Greenscape Gardens jennifer@greenscapegardens.com





The Consolidation of ANLA and OFA



2018-19 Garden Trade Case Study Update

The Power of the MPGC's Collective Impact Initiative On The Private Sector

Jennifer Schamber Vice President-Greenscape Gardens jennifer@greenscapegardens.com



Greenscape Gardens featured with the Missouri Botanical Garden & The City of St. Louis Milkweed for Monarchs program



















Non-Profits













Our Local Collective Impact Network



Private Sector

Local Garden Centers

> Local television & Newspapers, Clubs

Media/Influencers

Social Media Networks



Accelerating Consumer Support of Pollinator Educational Events/Programs







2018 Updates for Our Native Plant Sales

- Increased dedicated space to native plants by 15% (approximately 4,500 total square feet, excludes nativars)
- Increased sales in the department by 22% (total of \$152k)
- Hired a full time staff member to manage the department (previously worked 2 days/week)
- Completion of phase out of herbicides/pesticides that could be perceived as detrimental to pollinator health
- Procured plants for 42 new school/community gardens (some purchased with various grants)
- Publishing a new purchasing guide for natives to make it easy for consumers to choose plants that are readily available in our market







Each grade studied a different type of pollinator/beneficial insect and learned how to create a healthy habitat for them at school

2019:
Pollinator Pantry
Project
Keysor Elementary
Kirkwood, MO

School-wide cross- disciplinary project







More Buzz, More Action

The buzz about pollinators from 2015-2018 led to:

- a 170% increase in online searches for pollinator garden plants during the Million Pollinator Garden Challenge.
- 450-plus municipal leaders taking the Mayors
 Monarch Pledge to create monarch/pollinator habitat.
- 39 states creating 109 policies to help pollinators.
 (Hall, DM, Steiner, R. 2019)
- Garden centers and big box stores reducing (phasing out) flowering plants treated with chemicals harmful to pollinators.

Supporting healthy ecosystems in our communities and value chain at Walmart

National Pollinator Garden Network Meeting

February 26, 2019



Joby Carlson

Director, Global Sustainability Walmart Inc.



Carlo Bertani

Sr. Manager, Water Resilience Walmart Inc.



Wendy Widener

Sr. Manager, Water Compliance Walmart Inc.

In 2005, we learned the difference we can make – for our communities and for our business – when we use our strengths to help others

"What if we used our size and resources to make this country and this earth an even better place for all of us: customers, associates, our children, and generations unborn? What would that mean?"

Lee Scott: Leadership in the 21st Century



Lee outlined 3 bold Sustainability Goals:

- 1. Be powered by 100% Renewable energy
- 2. To create zero waste
- 3. Sell products that are good for people and the environment

Walmart also set out aspirations for a range of social and environmental issues, including

- Wages
- Diversity
- Healthcare
- Community engagement
- Store design and construction



Walmart has prioritized opportunity, sustainability, community and transparency initiatives



Creating economic opportunity

- Great jobs and advancement for associates
- Supplier growth





Enhancing the sustainability of operations and product supply chains

- Sustainable operations
 - Reducing energy intensity and emissions
 - Creating zero waste
 - · Advancing land and water stewardship
- Sustainable products
 Every Day Low True Cost (EDLTC) for people and planet



Strengthening local communities

- Hunger relief
- Disaster resilience
- Inclusive communities

Transparency

Transparency about products, people and practices

Go Here to Learn More





SELLING PRODUCTS THAT ARE GOOD FOR PEOPLE AND THE ENVIRONMENT

Example: Sustainable Commodities



BETTER QUALITY



ECONOMIC DEVELOPMENT IN REGION



DEVELOPMENT OF PROCESSING





INCREASED SMALLHOLDER INCOME



LESS WATER USAGE



Commodity Connections: Livestock, native grasslands and pollinators







Conserving land where it matters most

Walmart's Acres for America program has become one of the most effective partnerships in conservation - protecting over 1.2 million acres since 2005, ten times our original goal.







Acres for America was launched on April 12, 2005 at the National Geographic Society in Washington, DC. Goal was to protect one acre of land for every acres developed by Walmart.

Program Priorities

- Conserve critical habitats for birds, fish, plants and wildlife
- Connect existing protected lands to unify wild places and protect migration routes
- Provide access for people to enjoy the outdoors
- Ensure the future of local economies that depend on forestry, ranching and recreation

10 million protected connected

Protecting and enhancing habitats in our communities.



Pollinator Gardens and Walmart

We're starting to explore ways we can supporting healthy pollinator populations.

- Stormwater maintenance contractors will install and maintain
- Approval through local agencies to increase awareness
- Spring plantings in select number of stores
- Customers can purchase a similar seed blend in the store





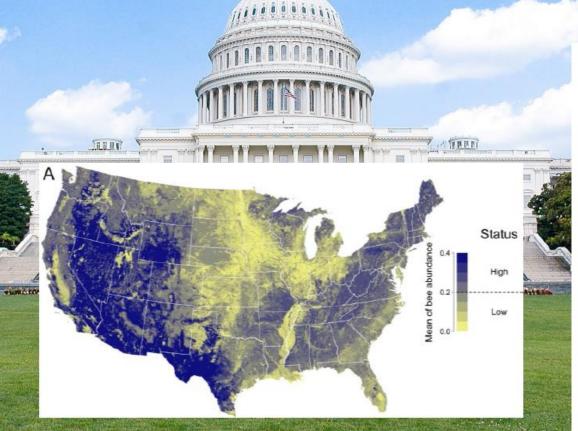




International & national policy suffers from lack of agreement on substance rather than public desire

2000–2017: US Congress proposed 31 bills related to pollinators & passed 4

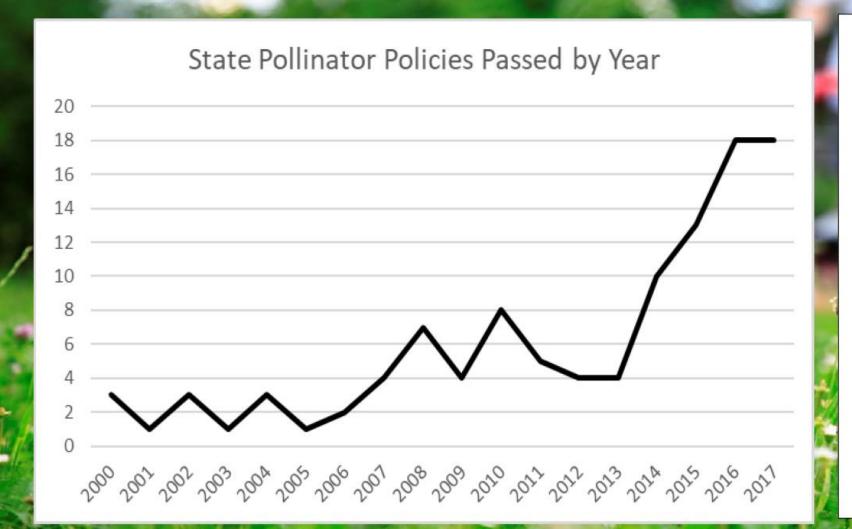






Koh, I. et al. 2016. Modeling the status, trends, and impacts of wild bee abundance in the United States. Proceedings of the National Academy of Sciences 113(1), 140-145.

Insect Pollinator-relevant Policies by all US State Legislatures 2000-2017: 109



minormenal Science and Policy 03 (2010) 139 129



Contents lists avoidable at telescottered







location comepage, www.miserier.commocatesmican.

Insect pollinator conservation policy innovations; Lessons for lawmakers





ARTICLE INFO

Appeardy form Disably-miler Destroys Conservation police Server Meditorsky reservation

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https://doi.org/10.1076/joursei.2015.12.000 Businesia 12-finisher 2016; Bassini in revised from 18 December 2016; Accepted 19 December 2018 1462-2011/ C 2018 Theories Let. All rights reserved.

Number of insect pollinator policies passed per US state 2000-2017.

	# of Policies	# of States	States	
	0	14	AK, AZ, AR, FL, GA, IA, MS, NC, ND, OK, SC, SD, TX, WV	
	1–2	22	AL, CO, CT, DE, HI, ID, IL, IN, KS, KY, ME, MA, MI, MO, NE, NV, NH, OH, RI, TN, VT, WI	
La Barrel	3–4	6	LA, MD, MT, NY, OR, UT	
A Phil	5–6	3	NJ, VA, WA	
	7	2	CA, NM	
100	8–9	3	MN, PA, WY	

D.M. Hall, R. Steiner

Environmental Science and Policy 93 (2019) 118–128

Table 1
Pollinator-relevant legislation of US states 2000–2017.

Policy of Title/Description	Category	Date of Effect
AL HB370, 2004 "Further control of honeybees and apiaries "	Apiculture	1/2006
AL SB433, 2011 "An Act to amendto allow the AL Board of Agricultureto establish the amount of fees or permits fees	Apiculture	6/2011
CA AB771, 2007 "An Act to add Article 9.5the Food and Agricultural Code, relating to agriculture."	Apiculture	10/2007
CA AB1912, 2010 "An Act to add Chapter 28relating to beescreate the California Apiculture Research Commission in state government"	Apiculture / Research	9/2010
CA AB1789, 2014 "An Act to add Section 12838 relating to pesticides"	Pesticides	9/2014
CA AB1259, 2015"An Act to amend Section 1745.2 and to add Section 14670.14relating to bees, and declaring the urgency thereof"	Habitat / Apiculture	9/2015
CA AB559, 2015 "An Act to add Section 1021 to the Fish and Game Code, relating to monarch butterflies"	Habitat	2/2015

Findings: Trends in passed state policies

- 1. Apiculture (e.g registering hives, equipment disposal rules, disease concerns, inspections)
- 2. Pesticides (e.g. banning of neonicotinoids)
- 3. Research (e.g. funding for research, Colony Collapse Disorder, research)
- 4. Habitat (e.g. conservation, enhancement, development)
- 5. Awareness (e.g. pollinator awareness, knowledge needs)
 - 1. States are innovating laws for pollinators as wildlife & livestock
 - Evidence of insects no longer being indiscriminately labeled "pests," some are "beneficial"
 - 3. Points of consensus across states' Legislative & Executive Branches
 - Evidences viable national or international policy & can inform its design

Paper available: www.MillionPollinatorGardens.org/Impact

How do these compare to policy recommendations of insect pollinator scientific community?

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	Dicks et al.'s (2016) Policy Targets	# of US Subnational Policies
		Addressing each Target
	 Conserve and or improve habitat 	24
nnials soh Year Allar Year	2. Diversified farming systems	0
	3. GM Crop Risks	0
	4. Incentivize Alternatives to Agricultural Chemicals	0
	5. Integrated Pest Management	2
	6. Monitoring	1
	7. Moving Managed Pollinators	54
	8. Pesticide Standards	23
	9. Pollination as Agricultural Input	7
	10. Research	18

Dicks et al. 2016. Ten policies for pollinators. Science, 354(6315).

St. Peters couple's battle over turf requirement leads to federal court

By Robert Patrick St. Louis Post-Dispatch Dec 23, 2016

"The couple received a letter saying they had violated a 2008 city ordinance requiring all homeowners to have at least 50 percent of their lot covered in "turf grass."

MAPLEWOOD, MO

A Maplewood woman may be sent to jail over a dispute over the definition of a weed Aug 9, 2016

"Owner, lessee, renter...shall not allow or maintain...any growth of grass or weeds to a height of 12 inches or over."



Paper available: www.MillionPollinatorGardens.org/Impact



Formidable Force of Gardeners on the Ground

- 400,000 NGC, DAR
- 100 KAB MPGC events
- LINKs, Inc.- school garden initiatives



The network has several partners actively enhancing and creating pollinator habitat across a conservative estimate of 20,000 schoolyard gardens















2019 Call to Action Plant Plus 3 and Citizen Science



Katie Dubow Garden Media Group



Marisol Mata
Plant Protection Coordinator
American Public Gardens Association



Kelly Rourke
Director of Programs
Pollinator Partnership

Spring This Three Seasons of Beauty Garden doesn't wait for summer to produce beautiful color. Blooming begins in spring with the delicate flow of Mixed Lungwort, the gorgeous pinl blossoms of Variegated Weigela, followed by Poker Primrose. Summer All summer long, your garden will be alive with the colorful bloom of Autumn Red Daylilies, Black-Eyed Susa Pink Mist Scabiosa, Blue Butterfly Delphiniu Forever Pink Hydrangea and Gay Butterflies Butterfly Weed adding their floral beauty to the interesting assortment of foliage textures which will enhance any setting. The color parade your Three Seasons of Beau Garden doesn't sto when tinges of fall fill the Three different varieties of Fantas Mums will provide multitudes of colorfu olooms week after week all autumn long, aug mented by the dramatic red foliage of your

Plant – Plus 3

Enhance existing gardens or plan new garden habitats that bloom for 3 seasons.

If each of 35 million who garden with flowers plant 3 plants

one to bloom each season-to extend forage Spring Summer Fall...







Pollinator Gardens

Thank you for joining the Million Pollinator Garden Movementl Over the last three years our goal has been to inspire and encourage citizens to create new pollinator gardens and enhance existing habitat. In 2018 we surpassed our goal of ONE MILLION GARDENS registered through our challenge! What was then a challenge has become a movement and we want to continue this momentum by encouraging everyone to participate in citizen science projects that have a positive impact on pollinators. If you want to continue to help pollinators, please consider participating in any of these citizen science projects happening around the country.

Please sign in or sign up for SciStarter to continue.

Your SciStarter account will help us help you track your contributions to these are other projects and match you with the best projects in need of your help.



BUMBLEBEE WATCH

Monitor North America's Bumblebees



MONARCH LARVA MONITORING PROJECT

Report monarch distribution



GREAT SUNFLOWER PROJECT



Insight Citizen Science



