

THE BUZZ

POLLINATOR PARTNERSHIP

Protect their lives. Preserve ours.

Pollinator Partnership Newsletter
Summer 2019



The newsletter for friends and supporters of the Pollinator Partnership

A MESSAGE FROM THE PRESIDENT



Join Us for the 3rd Annual Mite-A-Thon, September 7-14!

The **Mite-A-Thon**, now in its 3rd year, is an international effort to help beekeepers gain knowledge of the level of Varroa destructor (varroa) infestation that their hives are carrying just before the overwintering season begins. This parasitic mite and the viruses it vectors are significant drivers of honey bee colony mortality. The **Mite-A-Thon** helps beekeepers learn more about their hives and documents a snapshot of the infestation level everywhere. Data collected by participants helps to visualize varroa infestations in honey bee colonies across North America within a one week window, September 7-14, 2019.

More details from last year's report, resources on varroa sampling, and information for involvement in 2019 can be found at pollinator.org/mite-athon. This great partnership is being spearheaded by **P2** and uniquely supports honey bees and the beekeepers who work side by side with them.



It's About Time

It is my honor to be back at **Pollinator Partnership**, especially at a time when conservation and charitable work are more difficult than ever; especially when the science that guides all thoughtful and strategic decisions concerning climate change and human impacts on the future of the planet are being called into question; especially when it matters more than ever. Fortunately, around the world there is solid agreement about the anthropogenic nature of rising temperatures and extreme weather incidents, each of which have profound impacts on the health of pollinators, along with lack of habitat, assaults from pesticides, and invading pathogens and parasites.

It's *about time* for all of us to speak plainly and act decisively when it comes to conservation. We cannot afford to ignore the sustainable actions needed to support life on earth – reducing our carbon footprint, most notably – and we need to change behaviors in a systematic way that allows the economy to adjust and grow WHILE we incorporate reduced fossil fuel consumption and develop sustainable sources of energy. Most of the world has gotten the message, and most global businesses are planning for the real future that we face now.

It's *about time* to collaborate across all sectors of our society for the sake of our future, our children, and the natural world. In helping pollinators, we are really helping ourselves.

It's *about time* to be and act as if all of our actions matter, because they do. Thank you for joining the **Pollinator Partnership** family, and for doing your part in building a stronger, more resilient and hopeful future now with every act of kindness, conservation, and intelligence. I am honored to facilitate this fine work and to applaud your partnership.

Laurie Davies Adams
President and CEO

*“Look deep into nature,
and then you will understand
everything better.”*

–Albert Einstein

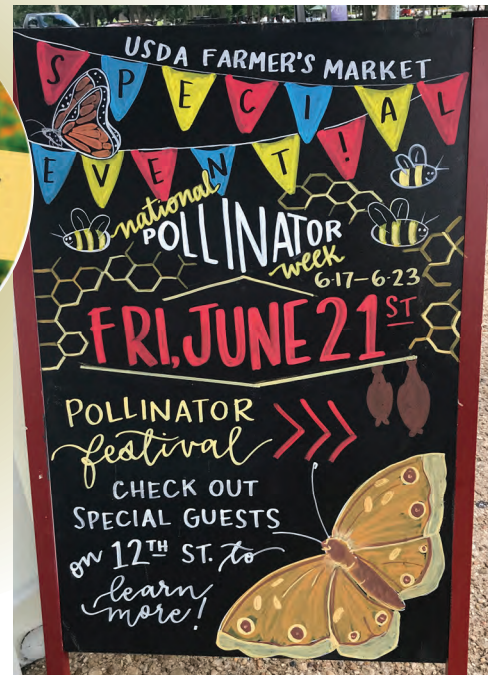


Pollinator Week Makes Bright and Hopeful Actions Visible Around the World

It has been a whirlwind of activity at **P2** and beyond as *Pollinator Week 2019* (June 17-23) wrapped up its thirteenth consecutive year of spreading the word and celebrating the importance of pollinators and their conservation. Not only did we once again obtain *Pollinator Week* proclamations from all 50 states, but the U.S. Secretary of Agriculture, Sonny Perdue, and the U.S. Secretary of the Interior, David Bernhardt, also signed proclamations supporting the observance of *N ational Pollinator Week*. While **Pollinator Partnership** founded *Pollinator Week* in 2007 within the United States, it has grown far and wide and has become embraced as an international week of celebration, with activities being carried out world-wide! In fact, over 375 events were organized and registered on **P2's** *Pollinator Week* web page this year, including events in Kenya, France, Columbia, the Netherlands, Germany, China, Taiwan, Bermuda, as well as the United States, Canada, and Mexico. The world is making pollinators a priority thanks to **P2's** efforts and leadership.

P2 coordinated with attractions throughout North America, resulting in 13 major landmarks lighting themselves in pollinator colors (orange and yellow) between June 17-23. This included Niagara Falls, the Baltimore City Hall dome, Terminal Tower, and the San Francisco City Hall to name a few. **P2** staff across the United States and Canada led a variety of events, trainings, and outreach during *Pollinator Week*, including several in Washington, D.C., such as the *Congressional Pollinator Protection Caucus Hill Briefing* and *Pollinator Festival at the USDA Farmers Market*.

And of course, your support makes all of these **Pollinator Partnership** initiatives possible. Thank you for making the world take notice of the plight of pollinators, and for making real change happen. Visit www.pollinator.org to make a donation. Your support is lighting up the world!



We're busy as bees producing **The Buzz**

President and Chief Executive Officer
Laurie Davies Adams

Director of Programs and Operations
Kelly Rourke

Graphic Design Marguerite Meyer

The Buzz is published by the *Pollinator Partnership* and mailed to all of our donors and interested friends of pollinators. This issue is also available at our website: www.pollinator.org.

Board Members

Laurie Davies Adams
James L. Bennington, M.D.
Ron M. Bitner, Ph.D.
Megan Denver, *Secretary*
John Lett
Mark Moffett, Ph.D.
Gladys Phillips-Evans, Ph.D.
Steven P. Quarles
Martin Rosen, *Vice Chairman*
Steve Shestag, *Chairman*
Terrence Witzel, *Treasurer*

CEO Laurie Davies Adams

speaks at The Commonwealth Club on **July 29 @ 6:00 PM**

"Bees, Butterflies and Your Well-Being".

www.commonwealthclub.org/events/

2019-07-29/bees-butterflies-and-your-well-being



San Francisco City Hall lit for Pollinator week.
Photo courtesy: San Francisco Department of the Environment



Pollinator Week Congressional Briefing panel



P2 table at the Oakland Zoo



CN Tower lit up for Pollinator Week



The Best Supporters in the World! **THANK YOU!**

Over the past 6 months we've received donations from:

Abel Odor
Kally Abrams
Brian Adams
Laurie and Chick Adams
Alliance of Crop, Soil, and
Environmental Science Societies
Almond Cow
Elizabeth Alseth
American Beauties
American Beekeeping Federation
American Honey Producers
Association
American Society of
Landscape Architects
Ronald Antone
Silvia Antonucci
Heidi Ash
Azon Seller Tools
Bryan Baird
Annaliese Barber
Allison Barlow
Shary Barnes
Bruce Baron
The Kate Waller Barrett
Chapter NSDAR
BASF
Bayer
Elizabeth Beeson
Eileen Bellomo
Eric Bennett
Robert W Bennett
Suzanne Berhow
George and Carol Bethune
Big Dipper Wax Works
Patrick Bills
Billstein Family Foundation
Allie Bindert
Gary and Lisa Binner
Darice Birge
John and Sara Birkmire
Ron Bitner
Tamiko Blake
Blue Diamond Growers
Helga Bluestone
BNY Mellon Corporation
Louise K Bone Trust
The Philip E. &
Jamie N. Bowles Fund
Bright Funds Foundation
Nicole Brookmueller
Shani Brown
Cassandra Brown
Margaret Brownell
Julia Brunelle
Roy and Kathy Bukstein
Ray and Virginia Bunnell
Dawn Burkhardt

Carol Burns
Nancy Burrill
William and Kathryn Burruss
Burt Family Foundation
Burt's Bees
Butterfly Wonderland Foundation
Chris Byerly
Matthew Campen
Carmel Honey Company
Lynn Carmichael
Carolina Native Nursery
Alice Cason
Charles Cassoli
R. Cevasco Nursery, Inc.
Zinnia Chen
Kathryn Cheng
Violet Clark
Leroy Clark
Priscilla Cobb
Frank and Sue Coccia
Alana Cockwill
Cindy Cohanin
Eliezer Cohen
Nicholas Colmenares
ComEd
Community Foundation
Santa Cruz County
Eileen Connolly
Sheri Copeland
Debra Cosenza
Mary Counihan
Tony Crabb
Kelly Creger
Laura Crews
CropLife America
Mala Cunningham
Sharon Cunningham
Laurie Curtis
Cypress Creek Renewables
Anne Dalton
Wallace Daniel
Lawrence Davis
Jacqueline Day-Goutier
Maggie Deignan
Michael Denton
Megan Denver
Jamey DeOrio
Department of Defence Natural
Resources Program
Anthony DiMieri
David Ditullio
Jason Dodge
Debbie Dodson
Marjorie Dolcini
Valente Dolcini
Mary Ann Doychak

John and Alison Draper
Marisa Dukovich
Jeanne Dunning
Frances Durcan
Marilyn Eagleton
Becky Easton
Zachary Edd
Edison Electric Institute
Julie Ehrhart
Paul and Anne Ehrlich
Joshua Enterline
EPRI
Phyllis Faber
Bonnie Faigeles
Victoria Fairbanks
Fairmont Hotels
Cedric Fan
Farmers Ed Coop Corp
Mark Faughn
Holly Faust
Hollis Fender
Cian Nicole Fenton
Anne Ferguson-Rohrer
Bridgette Findley
Daniel Fitts
Jessica Fitzpatrick
Kathrin Fluckiger
Fluid Movement LLC
John and Jill Flynn
Alice Ford-Sala
Megan Foster
Francis Ford Coppola Winery LLC
Melanie Fridley
Eric Friedman
Lynn Friedman
Mary Friedmann
The David E. and
Mary C. Gallo Foundation
Richard Gangwisch
Jessica Gao
Art Garcia
Penny Gilbert
Jessica Gilmartin
Karl Ginter
Lori Glonek
John Goodman
Peter and Lennie Gotcher
Antonia Govoni
Lylya Granfield
Gordon Grant
Greif, Inc.
Jennifer Grossman
Growald Family Fund
April Grudgen
Kristen Haas
Charles Haddox

Amy Hager
Heather Haggard
Kathleen Haiker
Hamill Family Foundation
Ashley Hamilton
Curtis Hannah
Harbor Sweets, Inc.
Noreen Haren
Max Hase
Tim Hatten
Havilan Fund
Samuel Hawkey
Janice Hawn
Frederic Haynes
Colin Hebert
Heidrun Meadery
Lauren Herron
Karen Hibbert
Hillsborough Garden Club
Susan Holcombe
Andrew Hope
Ann Houle
Michael Howell
Suzanne Huhn
Hurley Write, Inc
Imagine Plush LLC
Jeffrey Irish
Ellen Ives
Kristen Jennings
James Jennings
J Blaine John
Huey Johnson
Andrew Johnson
Craig Johnson
Wylie Jones
Brian Joseph
Michael Joslin
Victoria Kahian
Kane Web Group
Richard Kasputis
Joel Kellman
Ellen Kelly
Kenneth Kelly
Mike Kiernan
Michelle Kind
Tracy King
Monica Klever
Sarah Kline
James Kloiber
Tom Knezick
John and Wendy Kopley
Emily Krasowski
Thomas Kruse
Thomas Kubit and Stacey Deck
Donna Kurilla
Mary LaFreniere

Wow! Your support is making a real difference. **THANK YOU!**

Over the past 6 months we've received donations from:

Archibald Lake
Sarah Lambson
Jane Larsen
Stephanie Law
Karl Leaf
Jessica Leaman
Genji Leclair
Evelyn and Clarence Lee
Judith Leibinger
Mary Lellouche
Ronald Leopold
Jack and Debra Levin
Billy Li
Grant Lightle
Nancy Lodge
Marika Loftman-Davis
Rachael Longo
Los Angeles County
Beekeeper Association
Steven Lyons
Alison MacKenzie
Catherine Mackowski
Andrew MacPhail
Caolan Madden
Agnes Maderich
Lillian Mahaney
Jad Mahsoob
Dave and Kim Malley
Beth Manners
Flavio Marfil da Costa Junior
Marykay Marks
Kristin Marra
Frank and Susan Mars
Josette Maurer
Laurence and Laurie May Family
Philanthropic Fund
Laura McKinley
McMaster-Carr Supply Company
Duncan McVey
Margo Meilleur
Terry Meisner
Alice and Gregory Melchor Fund
Lucas Watson Mendelson
Barbara Meyer
Michele Meyrowitz
Fred Middleton
Robert Middleton
Janet Miller
Chris Miller
Dwight Miller
John Miller
Alley Miller
Rebecca Millett
Kevin Mitchell
Valerie Mittelstead
Lisa Moffeit
Monarch Joint Venture

William Morrison
Garry Morrison
Steve Morton
Anna Mowry
Thomas Murphy
Anita Narayan
National Association of
State Departments of Agriculture
National Farmers Union
National Park Service
Nature's Way
New Beat Foods
Rita Newell
Lavonne Newman
Virginia Nisse
Noble Research Institute
Jonathan Noggle
noosa Yoghurt
Kenji and Peggy Oba
Julie O'Brien
Diane Offenbach
Ohio Department of Public Safety
Ohio Prairie Nursery
Randy Oliver
Daniel Olsen
Omaha's Henry Doorly Zoo and
Aquarium
Ona Treats
Will Parish
Parkview Health
Joan Parmer
Kailey Partida
Helen Paterson
Jeri Paul
Vaishali Pavashe
Brooke Petrek
Pheasants Forever and Quail Forever
Megan Phillips
Gladys Phillips-Evans
Kate Pilacky
Pingry Middle School Green Group
Sarah Pope
Wendy Popp
Jeanne Pozy
Bev Proctor
Laurel Przybylski
Ezra Rabie
Vinette and Beatty Ramsay
Cameron Razavi
Shilpa Reddy
Danette Riehle
Vicki Rinehart
Matthew Ripley
Steve Ritchey
Eriana Rivera-Rozo
Abby Robertson
Bryan Robinson

David Rockefeller Estate
Luz Rooney
Martin Rosen
Debra Rosenstein
Lisa Rosenthal
Marilyn Rosenwein
Robert P. Rotella Foundation
Terence Rourke
Kelly Rourke
Maria Rubio O'Reilly
Carolyn Rundell
Dana Russell
Hilary Ryder
C.A. Rytting
Neil S Gladstone
Bruce Sams
Robert Schlising
Ted and Barbara Schmeckpeper
Westly Schmidt
Olivia Schwartz
Tona Segar
Select Seeds
Donna Senkbeil
Stephen Sheppard
Kira Sherwood
David Siegal
Barbara Siepierski
Carol Silness
SIW Vegetables
Victor Skloff
Christine Smith
Melanie Smith
Judy Snow
Gerry Snowden
Bruce and Gayle Snyder
So Hum Foundation
Ryan Stedwell
Jennifer Stengle
Michael and Tania Stepanian
Joseph Stiener
Cynthia Stone
Linda Stoney
Gina Storey
Larry and Betty Ann Sudderth
Sunbeam Candles
Sunset Food Mart, Inc.
Amy Super
Kathleen Sykes
Syngenta
Gail Taylor
Chip Taylor
Rene Thomas
Deborah Thompson
Barry Thompson
Guy Thyer
Martha Tillinger

Christine Tippens
Roberta Tofield
Melissa Tonachel
Patricia Toomey
Carlos Toro
Bianca Torres
Frances Troll
Emily Tseng
Douglas Tucker
Robert Tyler
UMD Student Design
Organization
US Apple Association
US Botanic Garden
US EPA
US Forest Service
US Golf Association
Valent USA
James Valner
Tamara Van Dee
Justin Vandepol
Sarah Vaughn
Robert Vestal
Violet Bank Garden Club
Waggle Dance Marketing
WakeFern Food Corporation
Kris Waldherr Miller
Robert Walker
George Walker
Kimberly Walker-Thurmond
Isa Wang
Waste Management, Inc.
Patricia Watersq
Ernie Weir
Weiss/Reed Family Fund
West Valley Garden Club
Patricia Wheeler
Alice White
Joan White
Shirley Whitsitt
Susan Wickham
Ray Widrew
Corrie Wiedmann
Michelle Wieghart
Joseph Wiesner
Melissa Wilson
Terry Witzel
Susan Wood
Woodside-Atherton
Garden Club
Doris Worcester
Dara Wrachford
William Yoos
Christine Zahner
Christopher Zander
Robin Zielen

Pollinator Partnership Spreading Wings and Seeds Across North America

Pollinator Partnership is leading coalitions across the monarch flyways with our *Monarch Wings Across America Programs*. With your support, these programs are growing and making real landscape level change. Some highlights:

Monarch Wings Across the Eastern Broadleaf Forest achieved great success in increasing quality monarch habitat across middle America by engaging citizen scientists and partnering with conservation practitioners in IL, IN, OH, MO, and AR. Through this initiative, **Pollinator Partnership** established an eco-regional native seed collection and plant materials development program. **P2** trained 327 volunteers whose collective efforts produced 100 lbs. of cleaned native milkweed and nectar plant seed, valued at nearly \$60,000. All of the collections, including 11,482 propagated seedlings, and additional habitat enhancement materials were distributed to 65 monarch habitat creation and enhancement projects across the region. **P2** held 5 in-person technical training workshops for public land managers and private land stewards and developed a 7-part online monarch habitat creation and management webinar series (pollinator.org/mwaebf/webinars) to provide dissemination of Best Management Practices for habitat management. Additionally, **P2** conducted 97 habitat consultation visits and worked with multiple conservation partners. The result? **Pollinator Partnership** far surpassed our original goal of 4,688 acres to sign over 27,700 acres into long-term monarch habitat management agreements.

Our current Midwestern/Great Lakes landscape initiative, *Project Wingspan: Landscape Enhancement for Imperiled Pollinators of the Midwest (PW)*, took flight in December 2018 and will run through 2020. This project will increase the quality, quantity, and connectivity of monarch and rusty patched bumble bee habitat by expanding our native seed collection and habitat enhancement efforts. While continuing to work throughout the initial states, *Project Wingspan* expanded to include MI, WI, and PA, targeting 29 native milkweed and nectar/forage plant species. *PW* needs your support and participation – you can register as a seed collection volunteer at tinyurl.com/Wingspan-volunteer. Your donations make *PW* possible – donate at www.pollinator.org.

Another **P2** initiative, *Monarch Wings Across California*, establishes three strategic long-term monarch research and habitat sites in California to improve understanding of the migration patterns and forage requirements of California's lesser-studied western population of monarch butterflies. **Pollinator Partnership** is conducting extensive monitoring and collecting data vital to fill knowledge gaps while informing future habitat restoration efforts.





P2 Board Member and Bee Friendly Farmer in Idaho, Dr. Ron Bitner



Bee Friendly Farming Shows Growth Across the Continent

Bee Friendly Farming has grown exponentially in the last few years with farmers from east to west, north and south, planting for pollinators and registering their properties. As the program grows, so does interest from our members and so do the technical questions we get as farmers strive to do better for bees. One common question that keeps coming up is: “what specific floral resources should we be planting in our region and for our crop to provide the greatest benefit?”

Pollinator Partnership is currently developing technical guidelines for farmers, highlighting the specific pollinators that frequent specific crops and outlining a list of plantings that support these pollinators, and, of course, all of this information is regionally specific.

BFFers will be updated on technical guidelines for on-farm habitat planting based on our EcoRegional Planting Guides. They’ll get updates to create the specific habitat these pollinators need through increased communication for all the *BFF* community, including farmer to farmer blog posts and a newsletter with specific tips for better farming that supports pollinators. Be sure to register your farm or garden in this expanding program.

Pollinator Partnership Canada Builds Excitement for Pollinator Issues Across the Provinces

2019 has been an exciting year of growth at **Pollinator Partnership Canada (P2C)**. Across Ontario, **P2C** successfully concluded a two-year project that saw the creation of 49 new monarch habitat sites, including school gardens, natural areas restorations, and 20 farms. The **P2C** team also conducted over 20 outreach events in Ontario and British Columbia, informing people about the importance of pollinators and ways to help them. In Ottawa, **P2C** presented case studies at the Canadian Wildlife Federation’s workshop on Pollinator Habitat Restoration on Rights-of-Way. Additionally, **P2C** has been working closely with Ontario Power Generation (OPG) to expand their pollinator program that includes habitat creation at several of their properties, including the Darlington Energy Complex Ranney Falls Generating Station and Sir Adam Beck Generat-



School planting in Ontario



P2 Canada Team

ing Station in Niagara. **P2C** has gone from sea to shining sea with three new ecoregional guides for Nova Scotia and five for British Columbia!

Pollinator Week was a highlight of the year. In support of **P2C**, Brickworks Ciderhouse featured pollinators for their Community Cask night on June 20. Proceeds from a specially brewed cider made with wildflower honey, strawberries, and rose petals and a menu featuring pollinated foods were contributed to **P2C’s** work. **P2C** also hosted two Bee Safaris in Toronto parks, where participants learned about the 364 (and counting!) species of bees that can be found in the city. And what better way to celebrate the Canada Day long weekend than as a Partner in Protection at the Royal Ontario Museum, where **P2C** engaged hundreds of families on the importance of pollinators through games, activities, and scavenger hunts through the museum exhibits.