



March Monarch Meeting

March 6-8, 2023

at the Desert Botanical Garden in
Phoenix, Arizona

AGENDA

All times are in MST (Mountain Standard Time)

Day 1

Monday, March 6

Time	Activity
12:00 - 4:00pm	Check-in - <i>Boppart Courtyard</i> <i>Pick up nametag, map, and other meeting materials</i>
1:00 - 5:00pm	Field Trips (pre-registration required) City of Phoenix Pollinator Tour - Meet at 12:45pm at Desert Botanical Garden Bus Parking in East lot Tres Rios Habitat Restoration Area - Meet at 12:45pm at Desert Botanical Garden Bus Parking in East lot Desert Botanical Garden - Meet at 3:30pm at Desert Botanical Garden, Dorrance Hall Educator Training - Meet at 1:00pm at Desert Botanical Garden, Marley Learning Lab
5:00 - 7:00pm	Check-in - <i>Binns Wildflower Pavilion</i> <i>Pick up nametag, map, and other meeting materials</i>
5:00 - 7:00pm	Networking Reception (pre-registration required) - <i>Binns Wildflower Pavilion</i> <i>Hors d'oeuvres and cash bar</i>

Day 2

Tuesday, March 7

Time	Activity	Presenter
8:00 - 9:00am	Check-in and Networking - <i>Boppart Courtyard</i>	
9:00 - 9:30am	Welcome / Introductory Remarks <i>Dorrance Hall</i>	Desert Botanical Garden / MJV / UIC

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9:30 - 9:55am	Network Building & Collaboration <i>Dorrance Hall</i>	Wendy Caldwell, MJV & Iris Caldwell, UIC
9:55 - 10:45am	High-Level Program & Policy Updates - <i>Dorrance Hall</i>	
	<i>Eastern Monarch Population Update</i>	Wendy Caldwell, MJV
	<i>Western Monarch Population Update</i>	Isis Howard, Xerces Society
	<i>U.S. Fish & Wildlife Service</i>	Chuck Traxler, USFWS
	<i>U.S. Forest Service</i>	Mike Rizo, USFS
	<i>U.S. Department of Defense</i>	Sarah Moor, DoD
	<i>National Fish & Wildlife Foundation</i>	Crystal Boyd, NFWF
10:45 - 11:00am	BREAK - <i>Boppart Courtyard</i>	
11:00am - 12:15pm	Research Updates and Discussion - <i>Dorrance Hall</i>	
	<i>Introduction</i>	Jen Thieme, MJV
	<i>Monarch State of the Science</i>	Wayne Thogmartin, USGS
	<i>Roadside Habitat Suitability</i>	Laura Lukens, MJV
	<i>Agriculture Recent Research Summary</i>	Jake Koenig, MJV
	<i>Remote Sensing for Monarch Habitat Monitoring</i>	Greg Emerick, Simple Business Automation
	<i>Invasive Species Impacts on Monarch Butterfly Conservation Initiatives</i>	Adam Baker, Davey Resources Group
	<i>Monarch Population Development: A stage specific model</i>	Chip Taylor, Monarch Watch
	<i>Table Discussion and Q&A</i>	
12:15 - 1:15pm	LUNCH - <i>Boppart Courtyard</i>	
1:15 - 3:00pm	Breakout 1	
	<i>Monarch CCAA Meeting</i>	Webster Auditorium
	<i>Data & Information</i>	Marley Lab
	<i>Communications</i>	Dorrance Hall
	<i>Partnerships</i>	Volunteer HQ
3:00 - 3:15pm	BREAK - <i>Boppart Courtyard</i>	

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3:15 - 4:25pm	Lightning Talks - Dorrance Hall	
	Monarch Wings Across America	Kelly Bills, Pollinator Partnership
	Energy for Ecosystems	Robin Rorick, American Petroleum Institute
	Nothing Changes Until It Changes in the Dirt	Elsa Gallagher, Bee & Butterfly Habitat Fund
	How the Monarch CCAA Supports NiSource's ESG Reporting and Biodiversity Commitment	Steve Barker, NiSource
	Pheasants Forever Habitat Education Programs	Anna Swerczek, Pheasants Forever
	Pandemic Opens Training Opportunities for Volunteer Monitors	Julia Whidden, Monarch Larva Monitoring Project
	National Monarch Habitat Suitability Modeling for Corporate Decision Making	Jessica Fox, Electric Power Research Institute
	Native Plants for Climate Resilience	Jen Ainsworth, Wild Ones
	Using Remote Sensing to Detect Nectar Resources Along Transportation Rights-of-Way in Florida	Erica Christiansen, Stantec
	Mayors' Monarch Pledge	Rebeca Quiñonez-Piñón, National Wildlife Federation
4:25 - 4:35pm	Wrap-up - Dorrance Hall	
4:35 - 6:00pm	Open Networking / Self-Guided Garden Walk State Collaboratives Networking Meeting (ad hoc) - <i>Meet at 4:45pm in Volunteer HQ</i>	
6:00 - 7:30pm	Dinner / Awards Ceremony - Dorrance Hall	

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Time	Activity	Presenter
8:00 - 8:30am	Check-in and Networking - <i>Boppart Courtyard</i>	
8:30 - 8:50am	Welcome / Recap of Day 2 - <i>Dorrance Hall</i>	
8:50 - 10:00am	Lightning Talks - <i>Dorrance Hall</i>	
	Results from Four Years of Urban Monarch Community Science in the Chicago Region	Erika Hasle, Field Museum
	Integrated Vegetation Management to Restore and Manage Landscapes & Improve Pollinator Habitat	Rick Johnstone, IVM Partners
	Northern Natural Gas' First Years of Monarch CCAA Implementation: Lessons Learned	Michelle Brown, Northern Natural Gas & Leslie TeWinkel, Merjent
	High School Pollinator Habitat Grants Program: What We've Learned	Haley Diem, Sand County Foundation
	Creative Community Outreach	Terry Smith, Pollinator Posse
	Integrated Habitat Management	Mike Retterer, Pheasants Forever
	Divergent Monarch Migration Destinations and Overwintering Strategies in the Southwest	Gail Morris, Southwest Monarch Study
	Desert Refuge: Monarch Community Science Pilot	Kim Pegram, Desert Botanical Garden
	Planning for Monarch Butterfly Conservation on Roadsides: Development of a Statewide Milkweed Species Distribution Model for Arizona	Kris Gade, Arizona DOT & Haley Nelson, Arizona Game and Fish Department
	An Assessment of Native Seed Needs and the Capacity for Their Supply	Kayri Havens, National Academies of Sciences, Engineering, and Medicine
10:00 - 10:15am	BREAK - <i>Boppart Courtyard</i>	
10:15 - 11:00am	Panel: Keys to Collaboration - <i>Dorrance Hall</i>	
	<i>Collaboration and Consistent Messaging: The Western Monarch Trail</i>	Kristin Howland, Central Coast State Parks Assoc.
	<i>Monarch Boxcar 60,000 Tree Challenge</i>	Nick Pryor, Kansas City

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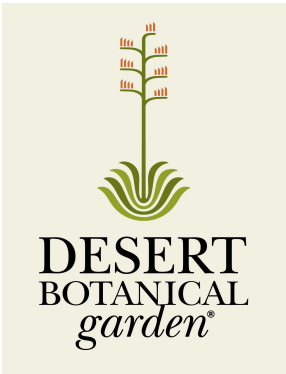


		Southern
	<i>California Pollinator Coalition</i>	Josette Lewis, Almond Board of California
	<i>Wisconsin Monarch Collaborative - Lessons Learned</i>	Cait Williamson, Natural Resources Foundation of Wisconsin
	<i>AZA-SAFE Monarch Program</i>	Alyssa Taylor, Monarch Joint Venture
11:00 - 11:10am	BREAK - <i>Transition to breakout rooms</i>	
11:10am - 12:10pm	BREAKOUT 2	
	<i>Transportation Sector</i>	Munson Classroom
	<i>Energy Sector</i>	Webster Auditorium
	<i>Data & Information</i>	Marley Lab
	<i>Communications</i>	Volunteer HQ
	<i>Partnerships</i>	Dorrance Hall
12:10 - 1:00pm	LUNCH - <i>Dorrance Hall</i>	
1:00 - 2:00pm	BREAKOUT 3	
	<i>Bumble Bee Agreement for Energy & Transportation Lands</i>	Volunteer HQ
	<i>Rights-of-Way as Habitat Working Group Tools</i>	Munson Classroom
	<i>Regional Breakout - Midwest</i>	Dorrance Hall
	<i>Regional Breakout - South</i>	Marley Lab
	<i>Regional Breakout - West</i>	Webster Auditorium
	<i>Regional Breakout - Northeast</i>	Dorrance Hall
2:00 - 2:30pm	Wrap-up / Group Reflections - <i>Dorrance Hall</i>	
3:00 - 4:00pm	Desert Botanical Garden Tour (optional)	

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Addendum

Presentation & Breakout Session Descriptions

Presentation Title	Description	Speaker
Eastern Monarch Population Update	We hope that the eastern population size for the 2022-2023 overwintering season will be announced soon, but will still recap the most current numbers.	Wendy Caldwell, Monarch Joint Venture
Western Monarch Population Update	Western monarchs overwintered in higher numbers for Thanksgiving count, but were then battered by winter storms. Now, researchers are collecting springtime monarch and milkweed observations. Isis Howard, Endangered Species Conservation Biologist for the Xerces Society, will provide an update on the western monarch population as well as ongoing conservation initiatives and resources.	Isis Howard, Xerces Society
U.S. Fish & Wildlife Service	Updates from USFWS leadership on the monarch butterfly listing and the new Center for Pollinator Conservation.	Chuck Traxler, U.S. Fish & Wildlife Service
U.S. Forest Service	An overview of the USFS International Programs Monarch Program. The USFS Migratory Species Team works range-wide on conservation of significant U.S. migratory species.	Mike Rizo, U.S. Forest Service
U.S. Department of Defense	Sarah Moor will present a progress update on the DoD Monarch Conservation Strategy and how it ties to the America the Beautiful Initiative as well as other collaborative efforts.	Sarah Moor, U.S. Department of Defense
National Fish & Wildlife Foundation	The National Fish and Wildlife Foundation (NFWF) established the Monarch Butterfly and Pollinators Conservation Fund (Pollinator Fund) in 2015. Crystal Boyd, NFWF's Senior Manager of Pollinator Programs, will share program updates.	Crystal Boyd, National Fish & Wildlife Federation
Monarch State of the Science	Strategic Habitat Conservation is the business model used by the U.S. Fish and Wildlife Service to deploy conservation. Wayne Thogmartin will present a snapshot of research informing the various steps of this process.	Wayne Thogmartin, U.S. Geological Survey
Roadside Habitat Suitability	Laura will discuss the conservation value of roadside habitat, summarize takeaways	Laura Lukens, Monarch Joint

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	from the literature regarding monarch roadside mortality and risks, and provide an update on recent progress to identify best management practices that minimize these risks.	Venture
Agricultural Habitat Suitability	Jake Koenig will highlight the main takeaways from multiple recent research studies relevant to monarchs and agriculture. In doing so, he will also promote the Annual Research Review that is published by the MJV and how this information, along with a variety of other research, can be found there.	Jake Koenig, Monarch Joint Venture
Remote Sensing Monitoring	The MJV in partnership with USGS and Simple Business Automation have developed a remote sensing tool that utilizes UAVs to detect and count stems of common milkweed. Learn about the technology development and plans for future expansion of this technology tool.	Greg Emerick, Simple Business Automation
Invasive Species Impacts on Monarch Butterfly Conservation Initiatives	This presentation will call attention to interactions between monarch butterflies (<i>Danaus plexippus</i>) and invasive species that may compromise conservation efforts without proper management plans in place. We will discuss florivory of monarch host plants (<i>Asclepias</i> spp), predation by an invasive wasp, and competition with non-native plant species in pollinator habitats.	Adam Baker, Davey Resources Group
Monarch Population Development: A stage specific model	The monarch's annual cycle can be broken down into 6 stages in the East and 5 in the West. Monarch numbers within each season are largely due to the timing and numbers from one stage to the next. Habitat availability sets the upper limit for monarch numbers. More habitat means more monarchs if the temperatures and rainfall throughout the year are close to the long-term averages. However, the conditions are seldom, if ever, optimal. For those of us developing stage specific models we need to look at how birth rates and death rates are affected within each stage. To be able to assess the transitions from one stage to the next based on what happens within a stage requires data. In this short talk, I will summarize where we stand on our ability to predict monarch numbers for both the East and the West.	Chip Taylor, Monarch Watch

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Monarch Wings Across America	Pollinator Partnership's Monarch Wings Across America (MWAA) is a multi-project initiative that creates habitat and refines science around monarch butterfly issues in the United States to help support both the eastern and western populations. So far under the MWAA program, Pollinator Partnership has trained 1,500 volunteers and enhanced over 100,000 acres of habitat across North America.	Kelly Bills, Pollinator Partnership
Energy for Ecosystems	Midstream natural gas and oil companies are actively working together to track and improve their sustainability performance while striving for appropriate engagement and transparency with communities and stakeholders. As part of this initiative to accelerate ongoing conservation efforts, American Petroleum Institute (API) developed the Energy for Ecosystems (E4E) program, releasing guidelines last year to help pipeline and energy infrastructure operators advance conservation practices for pipeline rights-of-way and other industry infrastructure.	Robin Rorick, American Petroleum Institute
Nothing Changes Until It Changes in the Dirt	How do we get more pollinator habitat on public, private, and corporate lands? Is there a more cost-effective way to establish high-quality pollinator habitat? I wish that someone could just help us to do this right.	Elsa Gallagher, Bee & Butterfly Habitat Fund
How the Monarch CCAA Supports NiSource's ESG Reporting and Biodiversity Commitment	The presentation will explore the integration of the Monarch CCAA within NiSource's sustainability and biodiversity commitments.	Steve Barker, NiSource
Pheasants Forever and Quail Forever Habitat Education Programs	Learn about PF/QF's habitat education programs and how you can partner along. These programs seek to grow an informed and diverse public that appreciates and supports wildlife habitat and the benefits it provides to clean air, water, and soil conservation.	Anna Swerczek, Pheasants Forever
Pandemic Opens Training Opportunities for Volunteer Monitors	Through a collaboration with MJV, the Monarch Larva Monitoring Project (MLMP) hosted 7 online workshops that trained 430 volunteer monitors/citizen scientists since the start of the pandemic in 2020. The online format presented an opportunity to expand their reach into new communities across North America and New Zealand. While hands-on training cannot be offered through an online	Julia Whidden, Monarch Larva Monitoring Project

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	format, there remains significant educational value and conservation potential.	
National Monarch Habitat Suitability Modeling for Corporate Decision Making	The project developed a GIS-based approach to estimate current monarch habitat suitability across the United States. In the absence of a clear definition of “monarch habitat” by Fish and Wildlife Service, we developed estimates for both nectar and milkweed quality by land classification types across the U.S, then produced a heatmap of monarch habitat. Challenges included regional variation in appropriate assignment of the milkweed/nectar quality to landcover types and ecoregions. Ultimately, the model was applied to interested electric power company properties to inform their company’s overall monarch management approach.	Jessica Fox, Electric Power Research Institute
Native Plants for Climate Resilience	Wild Ones recently launched a program for native garden designs that benefit wildlife, help conserve water and energy, reduce pollution and sequester carbon.	Jen Ainsworth, Wild Ones
Mayors’ Monarch Pledge	The National Wildlife Federation’s Mayors’ Monarch Pledge program provides a framework for cities and communities to engage in monarch butterfly and pollinator conservation. Mayors and heads of local and tribal governments commit to actions that facilitate community engagement and education, enact local policy changes, and create habitats for monarchs and other pollinators.	Rebeca Quiñonez-Piñón, NWF
Using Remote Sensing to Detect Nectar Resources Along Transportation Rights-of-Way in Florida	Stantec Consulting Services in collaboration with the Florida Department of Transportation piloted a remote sensing approach to delineate and qualify nectar resources along its rights-of-way in 2022. We procured satellite imagery and used an object-based image analysis to categorize 150-mi ² of transportation corridors into three categories. This application of remote sensing technology is an emerging solution that more effectively monitors habitat conditions and informs stewardship actions for conservation of the monarch butterfly than traditional field sampling methods.	Erica Christiansen, Stantec

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Results from Four Years of Urban Monarch Community Science in the Chicago Region	We will share the outcomes of the last four years of monarch community science data collection in the Chicago Region. Our team discussed this project at the 2019 partner meeting because it was still in the planning phase. We have collected four years of data and have learned much from the process of having a community science project targeted at people's home gardens.	Erika Hasle, Field Museum
Integrated Vegetation Management to Restore and Manage Landscapes & Improve Pollinator Habitat	This paper documents habitat improvements through Integrated Vegetation Management (IVM) case studies on energy and highway ROW, natural areas, golf courses, rangeland and agriculture and measures the pollinator benefits for bombus and lepidoptera insects.	Rick Johnstone, IVM Partners
Northern Natural Gas' First Years of Monarch CCAA Implementation: Lessons Learned	Northern Natural Gas (NNG) became a Monarch CCAA Partner in March 2021 by enrolling their entire enterprise across 11 states from Texas to Minnesota. NNG conducted biological monitoring in 2021 and 2022 and is currently planning the 2023 sampling effort. Modifications made to their internal processes to facilitate these monitoring efforts include the schedule for adopted acres identification, number and schedule of mobilizations, number of plots, expertise of surveyor, and type of data collected.	Michelle Brown, Northern Natural Gas & Leslie TeWinkel, Merjent
High School Pollinator Habitat Grants Program: What We've Learned	Sand County Foundation has been supporting schools in the creation of pollinator habitat for 6 years, working with a total of 87 schools across six states. The grant program provides financial assistance and relevant curriculum for teachers, a unique experiential learning opportunity for students in growing native plant species, and culminates in the establishment of pollinator habitat.	Haley Diem, Sand County Foundation
Creative Community Outreach	As a small volunteer based non-profit we've had to find creative ways to reach a broader community. One area that has proven particularly effective is the use of the visual arts which we incorporate into events, displays and activities.	Terry Smith, Pollinator Posse
Integrated Habitat Management	Integrated Habitat Management provides a sustainable vegetation management approach for rights of way & energy lands.	Mike Retterer, Pheasants Forever

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<p>Divergent Monarch Migration Destinations and Overwintering Strategies in the Southwest</p>	<p>Unlike the more common southwest monarch migration flight in the East, monarchs in the West may migrate a multitude of directions to their winter destination. Learn about the new Southwest Monarch Study tagging recoveries in the region opening new opportunities of understanding the complexity of the western monarch fall migration. An exciting new opportunity for studying migration directional flight and our upcoming rollout of tagging and monitoring in California will be previewed.</p>	<p>Gail Morris, Southwest Monarch Study</p>
<p>Desert Refuge: Monarch Community Science Pilot</p>	<p>In 2022, with support from MJV, Desert Botanical Garden and USA-National Phenology Network started a community science project to track monarch breeding. Monarch activity in Arizona during the winter is poorly understood. This project was launched statewide to collect data on monarch overwintering and when they are breeding. Using the Nature's Notebook app, participants spend 10 minutes a week with at least one backyard milkweed. We will present early and unexpected results, with data on engagement and retention.</p>	<p>Kim Pegram, Desert Botanical Garden</p>
<p>Planning for Monarch Butterfly Conservation on Roadsides: Development of a Statewide Milkweed Species Distribution Model for Arizona</p>	<p>In a joint project, the Arizona Department of Transportation (ADOT) and the Arizona Game and Fish Department (AZGFD) developed a Maximum Entropy (Maxent) model displaying the relative suitability of milkweed across the state. ADOT is using the results to inform their application to the U.S. Fish and Wildlife Service Nationwide Candidate Conservation Agreement with Assurances (CCAA) for Monarch Butterfly on Energy and Transportation Lands.</p>	<p>Kris Gade, Arizona Department of Transportation & Haley Nelson, Arizona Game and Fish Department</p>
<p>An Assessment of Native Seed Needs and the Capacity for Their Supply</p>	<p>A new report from the National Academies of Sciences, Engineering, and Medicine says the insufficient supply of seeds from native plants is a major barrier to ecological restoration and other revegetation projects across the United States. The report calls for concerted action to build a more robust native seed supply and industry, especially as climate change increases the possibility of extreme weather events and wildfires that often damage natural areas.</p>	<p>Kayri Havens, National Academies of Sciences, Engineering, and Medicine working group</p>
<p>Collaboration and Consistent Messaging: The Western Monarch</p>	<p>The Western Monarch Trail is a multifaceted collaborative project that</p>	<p>Kristin Howland, Central Coast</p>

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Trail	serves as a platform for consistent education, outreach and resource avenues that focus on preservation of the western monarch along its migration path as well as kickstart political actions in an effort to restore populations of healthy migrating western monarch butterflies.	State Parks Association
Monarch Boxcar 60,000 Tree Challenge	Over the last few years, The Kansas City Southern Railway Company (KCS) has established a long-term commitment to support monarch recovery and conservation. In 2022, KCS led the effort to form a project partnership and complete the 60,000 Tree Challenge North American Monarch Boxcar Tour. This whistle stop tour aligned with the monarch flyway from Canada all the way to Michoacán, Mexico. At each stop, they raised public awareness about issues the species is facing today, promoted native gardens and habitat, and raised funds for reforestation of the monarch's overwintering areas in Mexico.	Nick Pryor, Kansas City Southern
California Pollinator Coalition	The California Pollinator Coalition was created to provide a platform for learning from peers and conservation organizations and establishing new collaborations to expand pollinator habitat on working lands. Dr. Lewis will discuss progress towards this goal and what the challenges and what has worked to create momentum.	Josette Lewis, Almond Board of California
Wisconsin Monarch Collaborative - Lessons Learned	Partnership Lessons Learned From the Wisconsin Monarch Collaborative” – hear from Caitlin Williamson of the Natural Resources Foundation of Wisconsin on the creation and implementation of the WMC, including what has worked well, challenges, and a vision for the future of this statewide monarch partnership	Cait Williamson, Natural Resources Foundation of Wisconsin
Association of Zoos and Aquariums (AZA) Saving Animals from Extinction (SAFE)	The AZA SAFE Monarch Program seeks to utilize collaborative efforts among 120 plus zoos, aquariums, and external partners by leveraging the potential reach of these institutions to maximize conservation efforts and address threats of migratory monarchs. Hear from Alyssa Taylor, Program Coordinator, on plan creation, growing partnerships, and what's next for the SAFE Monarch Program.	Alyssa Taylor Monarch Joint Venture

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Session	Breakout Topic	Description
Breakout 1	Monarch CCAA Meeting	Partner meeting for organizations currently enrolled or considering enrollment in the Monarch CCAA for energy and transportation lands. There will be presentations by UIC and USFWS, partner recognitions, and roundtable exercises.
Breakout 1	Data and Information	Roundtable discussion regarding data and scientific information needs and opportunities (session led by MJV staff)
Breakout 1	Communications: Strategies for Difficult Topics	MJV Communications Coordinator, Elizabeth Egan and Education Coordinator, Katie-Lyn Bunney will lead discussions on difficult topics in pollinator conservation, such as tropical milkweed and hand-rearing. Attendees will have the chance to share their organization's communication strategies surrounding complex issues and the response from their partners and the public.
Breakout 1	Partnership: MJV Partner Orientation	An interactive orientation to the MJV partnership for new or seasoned partners to learn more about the structure and function of the MJV and network. MJV Executive Director Wendy Caldwell, and Partnership Coordinator Stephanie Rohdy will share the history of the MJV, and introduce the tools and opportunities available to partners in the network.
Breakout 2	Transportation Sector	Roundtable discussion for state departments of transportation, other road authorities, railroads, and others who work in the transportation sector. There will be case study presentations by Cathy Ford at Idaho DOT, and Susan Alexander at Virginia DOT.
Breakout 2	Energy Sector	Roundtable discussion for electric distribution/transmission companies, oil and/or gas companies, water utilities, solar companies, and others who work in the energy or utility infrastructure sectors. There will be a presentation from Tim Lohner at American Electric Power about the business value of managing habitat for pollinators, as well as updates on the Pollinator Habitat Aligned with Solar Energy (PHASE) project and a reciprocity ring exercise to exchange information and experiences.
Breakout 2	Data and Information	Roundtable discussion regarding data and scientific information needs and opportunities. Discuss goals and topics for MJV Data and Information Working Group (new in 2023)
Breakout 2	Communication: Social Media Strategies	An opportunity to discuss social media strategies to stay relevant and engage with diverse audiences. Join Elizabeth, Rita, and Jake from the MJV Communications Working Group to discuss interacting with and supporting fellow conservation organizations

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		online to create a united force for monarchs and pollinators.
Breakout 2	Partnership: Successes, Challenges, and Tools	An introduction to the MJV Partnership Working Group to be launched in early 2023. Katie-Lyn Bunney, Alyssa Taylor, and Stephanie Rohdy will help facilitate small group discussion on the successful and challenging aspects of partnerships, and the tools needed to promote strong collaborations.
Breakout 3	Bumble Bee Agreement for Energy and Transportation Lands	Working session to refine scope, conservation measures, and program requirements for the bumble bee agreement under development.
Breakout 3	Rights-of-Way as Habitat Working Group tools	Overview of habitat planning and tracking tools available to energy and transportation organizations, plus discussion about current and future industry needs, new tools, and tool updates.
Breakout 3	Regional Breakout - Midwest (MAFWA)	Get to know your regional partners and discuss current and relevant topics for partners and organizations located in the Midwest. (MAFWA States: IL, IN, IA, KS, KY, MI, MN, MO, NE, ND, OH, SD, WI)
Breakout 3	Regional Breakout - South (SEAFWA)	Get to know your regional partners and discuss current and relevant topics for partners and organizations located in the South. (SEAFWA states: AL, AR, FL, GA, KY, LA, MS, MO, NC, OK, SC, TN, TX, VA, WV)
Breakout 3	Regional Breakout - West (WAFWA)	Get to know your regional partners and discuss current and relevant topics for partners and organizations located in the West. (WAFWA states: AZ, CA, CO, ID, MT, NV, NM, OR, UT, WA, WY)
Breakout 3	Regional Breakout - Northeast (NEAFWA)	Get to know your regional partners and discuss current and relevant topics for partners and organizations located in the Northeast. (NEAFWA states: CT, DE, ME, MD, MA, NH, NY, PA, RI, VT, VA, WV, DC)

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