

Level of expertise	Year Published	Guide Name	Link to Guide	Parent Org/Agency	Target Organism(s)	Geographic Reference	Website - Region	Website - Scale	Notes
Intermediate	2016	Maintaining and Improving Habitat for Hummingbirds in Alaska	Maintaining and Improving Habitat for Hummingbirds in Alaska (usda.gov)	USDA-FS	Anna's Hummingbird (Calypte anna), hummingbirds, Rufous Hummingbird (Selasphorus rufus)	Alaska	Alaska	Land Management Agency: Urban, Suburban, Homeowner	
Intermediate	2009	Pollinator Biology and Habitat: New England Pollinator Handbook	Pollinator Tech Note Template (xerces.org)	USDA-NRCS	pollinators	New England	Northeast	Agricultural Land Manager	
	2017+	A Citizen's Guide to Creating Pollinator Habitat in Connecticut	https://portal.ct.gov/-/media/CAES/DOCUMENTS/Publications/pollinators/ACitizensGuidetoCreatingPollinatorHabitatinConnecticut.pdf?la=en	Connecticut Agricultural Experiment Station	pollinators	Connecticut, New England	Northeast	ALL	
Intermediate	2017	Pennsylvania Natural Heritage Program Habitat Management for Pollinators	https://rcngrants.org/sites/default/files/final_reports/Appendix%20L%20Habitat%20Management%20for%20Pollinators%20%28PA%20Guide%29.pdf	Pennsylvania Natural Heritage Program	pollinators	Pennsylvania	Northeast	ALL	Sections include management priorities, inventory habitats and plants, supporting a variety of pollinator life stages, maintaining open habitats, controlling invasive plants, finding native and local plants; and includes tables of herbaceous plants, as well as trees and shrubs
	2019	Campus Pollinator Habitat Plan	https://www.newpaltz.edu/media/sustainability-import/Campus%20Pollinator%20Habitat%20Plan%20FINAL.pdf	New Palz State University of New York	pollinators	New York	Northeast	Urban, Suburban, Homeowner; Land Management Agency	
Intermediate	2019	Virginia Pollinator-Smart Comprehensive Manual	https://www.dcr.virginia.gov/natural-heritage/document/solar-site-comprehensive-manual.pdf	VA Dept. of Conservation & Recreation, VA Dept. of Environmental Quality	Pollinators, birds	Virginia	Southeast	Utility, Transportation, Rights of Way	Comprehensive manual covering VA pollinator scorecard criteria, site suitability and assessment, site prep, seed mix considerations, seeding/installation, IVM, monitoring methods, reporting. Also includes a glossary of terminology.
beginner, intermediate, advanced	various	Habitat Installation Guides	https://www.xerces.org/pollinator-conservation/habitat-installation-guides	Xerces	pollinators	United States	ALL - US	ALL	
beginner, intermediate, advanced	2021	Managing Compatible Vegetation For Targeted Species and Biodiversity	https://rightofway.erc.uic.edu/wp-content/uploads/Managing-Compatible-Vegetation-for-Targeted-Species-and-Biodiversity.pdf	Utility Arborist Association Environmental Stewardship Committee	"Target" species (could include pollinators)	United States	ALL - US	Land Management Agency or Organization	This guideline, developed by the Utility Arborist Association Environmental Stewardship Committee, provides a primer on how to incorporate the management of compatible vegetation for target species and biodiversity into integrated Vegetation Management programs.
beginner, intermediate, advanced	2015	Roadside Best Management Practice that Benefit Pollinators	https://rightofway.erc.uic.edu/wp-content/uploads/2018/05/1C1-BMPs_pollinators_landscapes-1.pdf	Federal Highway Administration	Pollinators	United States	ALL - US	Utility, Transportation, Rights of Way	These best management practices developed by the Federal Highway Administration identify key steps that State Departments of Transportation can take to improve the quality of roadside habitat for pollinators, including 1) adjusting roadside vegetation management techniques, 2) enhancing and restoring native roadside vegetation to include plant materials that improve pollinator habitat, and 3) incorporating native plants and pollinator habitat needs into roadside landscape design.
beginner, intermediate, advanced	2017	Roadside Revegetation	http://nativevegetation.org/learn/manual_2017/pdfs/wfl_v1-2_06262020.pdf	Federal Highway Administration	Pollinators	United States	ALL - US	Utility, Transportation, Rights of Way	An integrated approach to establishing native plants and pollinator habitat.
beginner	2013	How to Attract and Maintain Pollinators in Your Garden	https://anrcatalog.ucanr.edu/pdf/8498.pdf	University of California Agriculture and Natural Resources	pollinators	California	California	Urban, Suburban, Homeowner	Includes sections on: garden/habitat design, using native plants, nesting resources for soil-nesting and cavity-nesting bees, butterfly gardens, and hummingbird gardens
beginner, intermediate		Monarch & Pollinator Habitat in Grazing Operations	https://rightofway.erc.uic.edu/wp-content/uploads/Monarch-Booklet--Grazing_v2.pdf	Missourians for Monarchs	Pollinators	Missouri	Midwest	Agricultural Land Manager; Utility, Transportation, Rights of Way	Missourians for Monarchs developed this guide for integrating pollinator habitat into agricultural grazing operations, which may be applicable on managed rights-of-way.
beginner	2017	Best Management Practices for Indiana Pollinator Habitat	https://extension.entm.purdue.edu/publications/POL-5/POL-5.pdf	Purdue Extension	pollinators	Indiana	Midwest	ALL	Includes sections on: pollinator needs, setting habitat goals; considerations for, establishing, and maintaining large-scale plantings
beginner, intermediate	2021	Living in the Dunes/Save the Dunes Pollinator Guide (A homeowners guide to pollinator garden landscaping in IN coastal communities)	https://savedunes.org/wp-content/uploads/2021/07/Save-the-Dunes-Pollinator-Guide.pdf	Save the Dunes.org	pollinators	Lake Michigan coastal Indiana (applicable in IL)	Midwest	Urban, Suburban, Homeowner; Land Management Agency	Sections include: Ecosystems of the IN coastal region; native pollinators; seasonal features of pollinator gardens; templates of garden designs; native plants (w pollinator associates); limited info on 'how to start a garden/install'; includes some reference to local resources.
beginner, intermediate	2016	Prairie Establishment & Maintenance Technical Guidance for Solar Projects-MN DNR	https://www.lrl.mn.gov/docs/2016/other/160547.pdf	MN DNR	Pollinators	Minnesota	Midwest	Utility, Transportation, Rights of Way	General overview of seed mix development, planting specifications, establishment and maintenance. Includes links and references to other guides and additional information.
beginner, intermediate	unknown	Native Plant Installation and Maintenance for Solar Sites	https://www.nature.org/content/dam/tnc/nature/en/documents/Native-Plant-Management-at-Solar-Sites.pdf	The Nature Conservancy	Pollinators	Michigan	Midwest	Utility, Transportation, Rights of Way; Land Management Agency or Organization	General overview of site prep, seed mix design, short and long-term management. Includes Michigan Solar-Pollinator Habitat Scorecard; Native plant material suppliers.
beginner	2008	Plants for Pollinators in Oregon	https://wmswcd.org/wp-content/uploads/2015/06/PollinatorPlants.pdf	USDA-NRCS	pollinators	Oregon	Northwest	ALL	"...of this technical note is to provide information about establishing, maintaining and enhancing habitat and food resources for native pollinators, particularly for native bees, in Riparian buffers, Windbreaks, Hedgerows, Alley cropping, Field borders, Filter strips, Waterways, Range plantings and other NRCS practices."
beginner, intermediate	2015	Conservation Cover (327) for Pollinators: Florida Installation Guide	https://extadmin.ifas.ufl.edu/media/extadminifasufledu/cflag/image/docs/pdfs/spring-ranchers-forum/2016/USDA327.pdf	USDA-NRCS	pollinators	Florida	Southeast	ALL	Site selection, preparation, plant selection and planting techniques, maintenance (short term and long term).
beginner, intermediate	2021	Technical Guidance for the Development of Wildlife & Pollinator Habitat at Solar Farms	https://www.dnr.sc.gov/solar/assets/pdf/solarHabitatGuide.pdf	SC DNR, Audubon, Clemson Extension	Pollinators, birds, wildlife	South Carolina	Southeast	Utility, Transportation, Rights of Way	Comprehensive manual. Includes BMPs for site selection, project design, and construction, wildlife concerns, state listed species; seed mix goals, site preparation, planting, short and long-term management. Includes appendices: Native species lists & characteristics; Application form and guidelines for solar habitat certification; Vegetation management template; SC Pollinator Habitat Scorecard
beginner	2006	Pollinators Habitat Kit for the Sonoran Desert Region	https://www.yumpu.com/en/document/read/32682550/pollinators-habitat-kit-arizona-sonora-desert-museum	Desert Museum, Arizona Game & Fish, Asociacion de Reforestacion en Ambos Nogales	pollinators	Arizona, Sonora	Southwest, Mexico	Urban, Suburban, Homeowner; Land Management Agency	Includes sections on: garden planning (developing a proposal, design); site preparation and planning; ongoing maintenance and care; using the garden as a study site; includes plant lists.
technical/advanced	1999	Bats (Order: Chiroptera)	https://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs144p2_054064.pdf	USDA-NRCS Wildlife Habitat Management Institute / BCI	bats	United States	ALL - US	Urban, Suburban, Homeowner; Land Management Agency	Generic to all bats in the US, but includes information about habitat and forage requirements and a checklist for how to inventory a site for basic bat habitat components.
beginner/novice	2020	Managing Habitat for Bats: A Guide for Landowners and Managers	https://cpb-us-w2.wpmucdn.com/u.osu.edu/dist/d/89460/files/2020/10/Bat-Habitat-Brochure-DOW-2020.pdf	Ohio Bat Working Group	bats	United States	ALL - US	Urban, Suburban, Homeowner; Land Management Agency	Includes instructions/checklists for small-scale and large-scale habitat management as well as for hibernaculum management; mentions planting native plants - especially night-blooming and for attracting more insects (rather than for offering nectar resources)
beginner/novice	unknown	Monarch Wings Across Ohio: Guide to Monarch Habitat on Farms	https://www.pollinator.org/pollinator.org/assets/generalFiles/MonarchWingsOhio_Farms_FINAL.pdf	P2/Monarch Wings across Ohio	monarchs, butterflies	Ohio and beyond	Midwest	Agricultural Land Manager	
beginner/novice	2020	Planting for Pollinators: Principles and Design for Residential Pollinator Habitat	UPFS_Binding_0222EDITS.indd [state.mn.us]	Minnesota Board of Water and Soil Resources, other contributors	pollinators	Minnesota	Midwest	Urban, Suburban, Homeowner	
beginner/novice	2016	Conservation and Management of Monarch Butterflies	https://www.pollinator.org/pollinator.org/assets/generalFiles/Monarch-Restoration-Guide.pdf	P2, USDA-FS	monarchs, butterflies	Eastern United States	Northeast, Southeast	ALL	
beginner/novice	2013	Monarch Habitat Development on Corporate Lands	https://www.pollinator.org/monarch/monarch-resources	NAPPC/P2	monarchs, butterflies	Southeast, Southwest, Northeast, Northwest US	Southeast, Southwest, Northeast, Northwest	Urban, Suburban, Homeowner; Land Management Agency	
beginner/novice	2013	Monarch Habitat Development on Utility Rights of Way	https://www.pollinator.org/monarch/monarch-resources	NAPPC/P2	monarchs, butterflies	Southeast, Southwest, Northeast, Northwest US	Southeast, Southwest, Northeast, Northwest	Utility, Transportation, Rights of Way	
beginner/novice	2019	Texas Monarch Fly Strategy: Step by Step Guide to Pollinator Habitat Creation in Texas	https://static1.squarespace.com/static/52387981e4b0a2c53f25a411/t/5d5c7a5c33db880001b8f3ac/1566341752098/FINAL+Step+by+Step+Guide+-+Revised+August+2019.pdf	Houston Wilderness	pollinators, monarchs, butterflies	Texas	Texas	ALL	Includes sections on Texas regional plant selection and statewide information, step by step guides for ranch, farm, residential, and commercial locations; budget worksheet for retail locations, cost estimator sheet, pre-planting considerations and planting tips, and the benefits of adopting a pollinator garden

Intermediate	2019	Organic Site Preparation for Wildflower Establishment	Organic Site Preparation for Wildflower Establishment Xerces Society	Xerces Society for Invertebrate Conservation	Pollinators	United States	ALL - US	ALL	These guidelines provide step-by-step instructions, helpful suggestions, and regional timelines & checklists for preparing both small and large sites using: Solarization Smother cropping Repeated shallow cultivation Sheet mulching Soil inversion Organic herbicide applications Sod removal
beginner/novice	2021 web	How to Create a Hummingbird-Friendly Yard	https://www.audubon.org/content/how-create-hummingbird-friendly-yard	Audubon	hummingbirds	United States	ALL - US	Urban, Suburban, Homeowner	
beginner/novice	2015	Attracting Hummingbirds to Your Garden Using Native Plants	AttractingHummingbirds.pdf (usda.gov)	USDA-FS	hummingbirds	Canada, US, and Mexico	ALL - US, Canada	Urban, Suburban, Homeowner	
Intermediate	2015	Maintaining and Improving Habitat for Hummingbirds in California	Maintaining and Improving Habitat for Hummingbirds in California - A Land Manager's Guide (usda.gov)	USDA-FS/P2	Hummingbirds, Black-chinned Hummingbird (Archilochus alexandri) Anna's Hummingbird (Calypte anna) Costa's Hummingbird (Calypte costae) Calliope Hummingbird (Selasphorus calliope) Broad-tailed Hummingbird (Selasphorus platycercus) Rufous hummingbird (Selasphora rufus) Allen's Hummingbird (Selasphorus sasin)	California	California	Urban, Suburban, Homeowner; Land Management Agency	Main URL for ALL USDA-FS hummingbird habitat guides is https://www.fs.usda.gov/wildflowers/pollinators/animals/hummingbird-guides.shtml "This guide completes efforts to provide information about the plants that are important to migratory hummingbirds across the western United States." Each guide includes a table of plants important to hummingbirds in the state/region.
Intermediate	2015	Maintaining and Improving Habitat for Hummingbirds in Idaho, Montana, and North Dakota	Maintaining and Improving Habitat for Hummingbirds in Idaho, Montana, and North Dakota (usda.gov)	USDA-FS/P2	Hummingbirds, Black-chinned Hummingbird (Archilochus alexandri) Ruby-throated Hummingbird (Archilochus colubris) Calliope Hummingbird (Selasphorus calliope) Broad-tailed Hummingbird (Selasphorus platycercus) Rufous Hummingbird (Selasphorus rufus)	Idaho, Montana, North Dakota	Great Plains	Urban, Suburban, Homeowner; Land Management Agency	Main URL for ALL USDA-FS hummingbird habitat guides is https://www.fs.usda.gov/wildflowers/pollinators/animals/hummingbird-guides.shtml "This guide completes efforts to provide information about the plants that are important to migratory hummingbirds across the western United States." Each guide includes a table of plants important to hummingbirds in the state/region.
Intermediate	2016	Maintaining and Improving Habitat for Hummingbirds in Kansas and Nebraska	Maintaining and Improving Habitat for Hummingbirds in Kansas and Nebraska (usda.gov)	USDA-FS/P2	Hummingbirds, Ruby-throated Hummingbird (Archilochus colubris)	Kansas, Nebraska	Great Plains	Urban, Suburban, Homeowner; Land Management Agency	Main URL for ALL USDA-FS hummingbird habitat guides is https://www.fs.usda.gov/wildflowers/pollinators/animals/hummingbird-guides.shtml "This guide completes efforts to provide information about the plants that are important to migratory hummingbirds across the western United States." Each guide includes a table of plants important to hummingbirds in the state/region.
Intermediate	2016	Maintaining and Improving Habitat for Hummingbirds in Oklahoma and Texas	Maintaining and Improving Habitat for Hummingbirds in Oklahoma and Texas (usda.gov)	USDA-FS/P2	hummingbirds	Oklahoma, Texas	Great Plains, Texas	Urban, Suburban, Homeowner; Land Management Agency	Main URL for ALL USDA-FS hummingbird habitat guides is https://www.fs.usda.gov/wildflowers/pollinators/animals/hummingbird-guides.shtml "This guide completes efforts to provide information about the plants that are important to migratory hummingbirds across the western United States." Each guide includes a table of plants important to hummingbirds in the state/region.
beginner/novice	2019	Native Garden Guide for Southwestern Idaho	https://www.blm.gov/sites/blm.gov/files/documents/files/Native%20Garden%20Guide%20for%20Southwestern%20Idaho.pdf	BLM, Idaho State Office	pollinators	Idaho	Intermountain West	Urban, Suburban, Homeowner; Land Management Agency	Includes sections on: 'forming a team', funding and grants, garden design, public perception, bird habitat, pollinator habitat, monarch garden, and sensory garden; implementation, calculations, site preparation and material resources; maintenance, maintenance schedule and an example plan; as well as a master plant list.
Intermediate	2015	Maintaining and Improving Habitat for Hummingbirds in Colorado, Wyoming and South Dakota	Maintaining and Improving Habitat for Hummingbirds in Colorado, Wyoming and South Dakota (usda.gov)	USDA-FS/P2	Hummingbirds, Black-chinned hummingbird (Archilochus alexandri) Ruby-throated Hummingbird (Archilochus colubris) Calliope Hummingbird (Selasphorus calliope) Broad-tailed hummingbird (Selasphorus platycercus) Rufous Hummingbird (Selasphorus rufus)	Colorado, Wyoming, South Dakota	Intermountain West, Great Plains	Urban, Suburban, Homeowner; Land Management Agency	Main URL for ALL USDA-FS hummingbird habitat guides is https://www.fs.fed.us/wildflowers/pollinators/animals/hummingbird-guides.shtml . "This guide completes efforts to provide information about the plants that are important to migratory hummingbirds across the western United States." Each guide includes a table of plants important to hummingbirds in the state/region.
beginner/novice	2017	ODOT Guide to Establishing and Maintaining Roadside Pollinator Habitats	https://transportation.ohio.gov/static/Programs/Pollinator/ODOTGuideRoadsidePollinatorHabitats.pdf	Ohio Department of Transportation	pollinators	Ohio	Midwest	Utility, Transportation, Rights of Way	(brochure). Site selection, soil assessment, equipment and tools, planting timeline, seed installation and maintenance methods.
Intermediate	2016	Maintaining and Improving Habitat for Hummingbirds in the Eastern United States	Maintaining and Improving Habitat for Hummingbirds in the Eastern United States (usda.gov)	USDA-FS/P2	hummingbirds, ruby-throated hummingbird (Archilochus colubris)	Eastern United States	Northeast, Southeast	Urban, Suburban, Homeowner; Land Management Agency	Main URL for ALL USDA-FS hummingbird habitat guides is https://www.fs.usda.gov/wildflowers/pollinators/animals/hummingbird-guides.shtml "This guide completes efforts to provide information about the plants that are important to migratory hummingbirds across the western United States." Each guide includes a table of plants important to hummingbirds in the state/region.
Intermediate	2017	Maintaining and Improving Habitat for Hummingbirds in Arizona and New Mexico	https://www.fs.usda.gov/Internet/FSE_DOCUMENTS/fseprd571183.pdf	USDA-FS	hummingbirds	Arizona, New Mexico	Southwest	Urban, Suburban, Homeowner; Land Management Agency	Main URL for ALL USDA-FS hummingbird habitat guides is https://www.fs.fed.us/wildflowers/pollinators/animals/hummingbird-guides.shtml . "This guide completes efforts to provide information about the plants that are important to migratory hummingbirds across the western United States." Each guide includes a table of plants important to hummingbirds in the state/region.
Intermediate	2015	Maintaining and Improving Habitat for Hummingbirds in Nevada and Utah	https://www.fs.usda.gov/wildflowers/pollinators/documents/HummingbirdBrochures/HummingbirdGuideNV-UT.pdf	USDA-FS/P2	Hummingbirds, Black-chinned Hummingbird (Archilochus alexandri) Anna's Hummingbird (Calypte anna) Costa's Hummingbird (Calypte costae) Calliope Hummingbird (Selasphorus calliope) Broad-tailed Hummingbird (Selasphorus platycercus) Rufous hummingbird (Selasphora rufus) Allen's Hummingbird (Selasphorus sasin)	Nevada, Utah	Southwest	Urban, Suburban, Homeowner; Land Management Agency	Main URL for ALL USDA-FS hummingbird habitat guides is https://www.fs.usda.gov/wildflowers/pollinators/animals/hummingbird-guides.shtml This specific guide is already hosted on the P2 site. "This guide completes efforts to provide information about the plants that are important to migratory hummingbirds across the western United States." Each guide includes a table of plants important to hummingbirds in the state/region.

intermediate, advanced	2015	Literature Review: Pollinator Habitat Enhancement and Best Management Practices in Highway Rights-of-Way	https://rightofway.erc.uic.edu/wp-content/uploads/2018/05/1A11-pollinators_BMPs_in_highway_ROW-1.pdf	ICF International/Xerces Society for Invertebrate Conservation	Pollinators	United States	ALL - US	ALL	This literature review was prepared by ICF International and the Xerces Society for Invertebrate Conservation on behalf of the U.S. Department of Transportation, Federal Highway Administration. It represents a first step in an effort to provide practicable BMPs that FHWA can offer transportation agencies to develop pollinator programs in their jurisdictions and enhance these programs where they already exist.
beginner, intermediate, advanced	2014	Milkweeds: A Conservation Practitioner's Guide	https://rightofway.erc.uic.edu/resource/milkweeds-a-conservation-practitioners-guide/	Xerces Society for Invertebrate Conservation	Monarchs, Swallowtails, pollinators, wildlife	United States	ALL - US	ALL	This guide developed by Xerces Society for Invertebrate Conservation shows how to bring back milkweeds and restore habitat for monarch butterflies and other wildlife. It is a manual on large-scale milkweed seed production, nursery propagation, and field restoration of the plants.
beginner, intermediate, advanced	Unknown	Monarch Conservation in America's Cities; A Solutions Guide for Municipal Leaders	https://rightofway.erc.uic.edu/wp-content/uploads/2018/05/1A14-Monarch-Conservation-in-Americas-Cities_Guide-121715-1.pdf	National Wildlife Federation	Monarchs, butterflies	United States	ALL - US	ALL	This manual written by the National Wildlife Federation offers case studies and shares innovative best practices that can be used by municipalities across the nation to conserve monarch butterflies.
intermediate, advanced	2019	Conservation Actions for Electric Power Companies to Support Monarch Butterflies	https://rightofway.erc.uic.edu/wp-content/uploads/2019/06/000000003002015435.pdf	EPRI/Xerces Society for Invertebrate Conservation	Monarchs, butterflies, Pollinators	United States	ALL - US	Utility, Transportation, Rights of Way	This report prepared by the Electric Power Research Institute and the Xerces Society for Invertebrate Conservation describes the conservation actions for monarch habitat protection, management, enhancement, and restoration that are compatible with the land use and management of electric power company properties. Conservation actions are mapped to the various land asset types to understand where the greatest monarch conservation potential exists.
intermediate, advanced	2016	Technical Manual: Maintaining Roadsides for Pollinators Establishment, Restoration, Management and Maintenance	https://rightofway.erc.uic.edu/wp-content/uploads/2019/01/Maintaining_Roadsides_for_Pollinators.pdf	Pollinator Partnership	Pollinators	United States	ALL - US	Utility, Transportation, Rights of Way	This technical manual developed by Pollinator Partnership is a guide for state Department of Transportation managers and staff. It provides information on roadside enhancements that allows to maintain safe and accessible roadsides and support pollinators.
intermediate, advanced	2022	API Guidance for Conservation Programs on Pipeline Right of Ways	https://rightofway.erc.uic.edu/wp-content/uploads/api-midstream-conservation-guidelines.pdf	American Petroleum Institute (API)	Pollinators	United States	ALL - US	Utility, Transportation, Rights of Way; Land Management Agency or Organization	This document provides guidelines, resources, and strategies for pipeline operators and managers to use in the development and management of conservation programs for pipeline rights-of-way (ROW) and assets. The goal of this document is to help operators and managers with ROW conservation programs, including guidance on how to identify, plan, implement, and mature conservation practices to maintain the highest standards of safety while also achieving benefits for the natural environment, the community, and the organization.
beginner, intermediate	2016	Pollinators and Roadsides: Best Management Practices for Managers and Decision Makers	https://rightofway.erc.uic.edu/wp-content/uploads/2018/05/1A8-BMPs_pollinators_roadsides.pdf	Federal Highway Administration	Pollinators	United States	ALL - US	Utility, Transportation, Rights of Way; Land Management Agency or Organization	The Federal Highway Administration issued these guidelines for vegetation management and enhancing native vegetation along roadsides to improve pollinator habitat. This document includes case studies, tools, and recommendations.
intermediate, advanced	web	Resource Library for Rights of Way and other lands	https://rightofway.erc.uic.edu/resources/	Energy Resources Center/University of Illinois	Pollinators	United States	ALL - US	Utility, Transportation, Rights of Way; Land Management Agency or Organization	
intermediate, advanced	2018 (?)	Wildflower Bloom Guide	https://rightofway.erc.uic.edu/wp-content/uploads/2018/10/Wildflower-Bloom.pdf	Pheasants Forever/Quail Forever	Pollinators	United States	ALL - US	Utility, Transportation, Rights of Way; Land Management Agency or Organization	This guide developed by Pheasants and Quail Forever's Conservation Seed Program focuses on increasing pollinator habitat along rights-of-way by using appropriate seed mixes and suitable establishment and management guidelines.
beginner, intermediate, advanced	web	Host Plant Finder: Pollinator Enhancement Security Tool (PEST)	https://pollinatorpartnership.ca/en/host-plants-finder	Pollinator Partnership Canada	Pollinators, Beneficial Insects, Plants	North America, ALL/Various	ALL - US, Canada	ALL	This database/tool will help you feel more confident about the plants you choose to enhance or create pollinator habitat.
beginner, intermediate	2015+	Technical Guide for Preserving and Creating Habitat for Pollinators on Ontario's Farms	https://pollinatorpartnership.ca/assets/generalFiles/LandManagerGuide.Ontario.Farms.FINAL.PDF	P2Canada	pollinators	Canada - Ontario, Canada, Great Lakes, Central	Canada	Agricultural Land Manager	Includes sections on: keeping natural habitat, enhancing habitat with buffers, windbreaks, marginal lands, cover crops; IPM and reducing pesticide use; specific farm types (vegetable, orchards, small fruit, field crops, pasture/forage and hay fields).
	2016+	Technical Guide for Enhancing, Managing and Restoring Pollinator Habitat Along Ontario's Utility Lands	https://pollinatorpartnership.ca/assets/generalFiles/LandManagerGuide.Ontario.Corridor.FINAL.PDF	P2Canada	pollinators	Canada - Ontario, Canada, Great Lakes, Central	Canada	Agricultural Land Manager; Utility, Transportation, Rights of Way	Includes sections on: ecology of utility landscapes, mowing, herbicide and insecticide use, plant selection, right-of-ways (ROW); Integrated Vegetation Management (IVM); Hydro corridors; Wind farms; Ecoregional habitats
beginner, intermediate, advanced	web	Find Your Roots: Pollinator Plant Selection Tool	https://pollinatorpartnership.ca/en/find-your-roots	Pollinator Partnership Canada	Pollinators, plants	Most Regions included for Canada: Central, West Coast, Atlantic, Prairie, Great Lakes	Canada	ALL	This tool is based on the lists of native plants that support pollinators from Pollinator Partnership Canada's Ecoregional Planting guide series. Guides contain detailed information on pollinators, how to help them, and features specific ecoregional information. Use this tool to make it easier to create customized plant lists for your region and requirements.
beginner, intermediate	2010	Roadsides: A Guide to Creating a Pollinator Patch	https://gardenontario.org/wp-content/uploads/roadsidesguide.pdf	Ontario Horticultural Association	pollinators	Canada - Ontario, Canada, Great Lakes, Central, West Coast	Canada	ALL	Site selection, preparation, watering, plant selection and planting; aftercare - habitat vs. garden, year 1, years 2 and 3; nesting sites; habitat requirements
beginner, intermediate, advanced	various	Selecting Plants for Pollinators: A Guide for Gardeners, Farmers, and Land Managers in [Canadian Regions]	https://pollinatorpartnership.ca/en/ecoregional-planting-guides	P2Canada	pollinators, plants	Most Regions included for Canada: Central, West Coast, Atlantic, Prairie, Great Lakes	Canada	ALL	Ecoregional Planting Guides for Canada
intermediate, advanced	2016+	Technical Guide for Enhancing, Managing and Restoring Pollinator Habitat along Ontario's Roadsides	https://pollinatorpartnership.ca/assets/generalFiles/LandManagerGuide.Ontario.Roadside.FINAL.PDF	P2Canada	pollinators	Canada - Ontario, Canada, Great Lakes, Central	Canada	Utility, Transportation, Rights of Way; Land Management Agency or Organization	Includes sections on: ecology of roadsides, mowing, herbicide use and weed management, plant selection
beginner	2019	Trees and Shrubs for Pollinators	https://rightofway.erc.uic.edu/wp-content/uploads/2019/03/Trees-Forever-Trees-and-Shrubs-for-Pollinators.pdf	Trees Forever	Pollinators, plants	Midwestern U.S.	Midwest	Urban, Suburban, Homeowner	This resource developed by Trees Forever is lists the tree and shrub species that are native to the Midwest and provide many habitat benefits for pollinators.
beginner, novice, intermediate	2018 (?)	Ohio Planting Guidelines	https://rightofway.erc.uic.edu/wp-content/uploads/2018/05/1B1-Planting-Guidelines-1.pdf	Ohio Department of Transportation	Bees	Ohio DOT District 9	Midwest	Utility, Transportation, Rights of Way; Land Management Agency or Organization	This quick guide developed by the Ohio Department of Transportation – District 9 includes site preparation, schedule, and seed mix recommendations.
intermediate, advanced	2016	Native Revegetation Plants for Pollinators in the I-35 Corridor (the "Monarch Highway")	https://rightofway.erc.uic.edu/wp-content/uploads/2018/12/revegetation_plants_for_pollinators_in_the_i35_corridor.xlsx	Roadside Revegetation	Pollinators, plants	I-35 Corridor	Midwest, Texas	Utility, Transportation, Rights of Way; Land Management Agency or Organization	This spreadsheet developed by Roadside Revegetation lists plant species and their attributes for the I-35 Corridor. The I-35 Corridor is a multi-state effort that serves as a national model of cooperation to enhance pollinator habitat along transportation rights-of-way. The six states involved in the strategy have agreed to coordinate efforts to establish best practices and promote monarch butterfly and pollinator conservation.
beginner, intermediate	2018	Maine Native Plants for Roadside Restoration - A Design and Propagation Manual	https://rightofway.erc.uic.edu/wp-content/uploads/2018/12/MaineNativePlantsForRoadsideRestoration_sm.pdf	Maine DOT/Wild Seed Project	Pollinators, plants	Maine	Northeast	Utility, Transportation, Rights of Way; Land Management Agency or Organization	This document developed by MaineDOT in collaboration with Wild Seed Project to help learn more about the needs of native plants along roadsides and to support pollinators. This guide aims to help roadside managers transition to creating native plant habitat along Maine's travel corridors. It also provides information needed to plant new or manage existing populations of 70 species of wildflowers, shrubs, and grasses. Roadside managers could become leaders in increasing native habitat in Maine with a better understanding of the life cycle and growing needs of these plants.
intermediate, advanced	2018	Managing for Monarchs in the West: Best Management Practices for Conserving the Monarch Butterfly and its Habitat	https://rightofway.erc.uic.edu/wp-content/uploads/2018/06/1A15-18-009_01-Monarch_BMPs_Final_Web.pdf	Xerces Society for Invertebrate Conservation	Monarchs, butterflies	Western U.S.	Northwest, Southwest, Intermountain West, California, Texas, Great Plains	ALL	This guideline developed by the Xerces Society for Invertebrate Conservation provides recommendations for managing existing monarch breeding and migratory habitat and where/when to restore new habitat in the western U.S. Included are BMPs for mowing roadsides and other rights-of-way as well as prescribed fire, pesticides, invasive and noxious plant management, and other restoration practices.
beginner, intermediate, advanced	2018	North Carolina Technical Guidance for Native Plantings on Solar Sites	https://rightofway.erc.uic.edu/wp-content/uploads/2019/03/NC-Solar-Technical-Guidance-Oct-2018.pdf	North Carolina Pollinator Conservation Alliance	Pollinators	North Carolina	Southeast	Utility, Transportation, Rights of Way	This technical guide developed by North Carolina Pollinator Conservation Alliance highlights healthy pollinator communities, travel corridors, solar farm site preparation and planting guidelines, and the benefits of pollinator conservation activities. Addresses enhancement of riparian and wetland vegetative buffer zones.
beginner		Pollinator Garden Design	https://www.inournature.ca/pollinator-garden-design	In Our Nature	pollinators, native plants	Canada - Central, Great Lakes Region (Canada/US)	Canada	Urban, Suburban, Homeowner	Good foundational knowledge-- can be applied to various regions
beginner, intermediate		Quebec Native Plants	https://espacepourlavie.ca/en/quebec-native-plants	Espace pour la vie Montreal	native plants, pollinators	Canada - Central, Spec. Quebec	Canada	Urban, Suburban, Homeowner	Plant profiles and resource page for native plants of Quebec includes gardening resources
beginner, intermediate, advanced	2020	A Flower Patch for the Rusty-Patched Bumblebee	https://foecanada.org/wp-content/uploads/2020/06/FoE_FlowerPatchForRustyPatched.pdf	Friends of the Earth Canada	Rusty-patched bumblebee, pollinators, native plants, bumblebees	Canada - Great Lakes, Central, Ontario - GTA (Greater Toronto Area)	Canada	Urban, Suburban, Homeowner	Primer on the Rusty-patched bumblebee and other bees. Includes how to choose plants for a pollinator garden, including habitat considerations, plant profiles and sourcing
beginner, intermediate, advanced	2020	Grow Me Instead: Beautiful non-invasive plants for your garden	https://www.ontarioinvasiveplants.ca/wp-content/uploads/2020/04/Southern-Grow-Me-Instead-1.pdf	Ontario Invasive Plant Council	native plants, invasive plants	Canada - Great Lakes, Southern Ontario	Canada	Urban, Suburban, Homeowner	Brochure on non-invasive plants (groundcovers, wildflowers, grasses, trees and shrubs) to substitute for common invasive species brought into gardens

beginner, intermediate, advanced	2022	Design-your-own Shoreland	https://www.thelandbetween.ca/wp-content/uploads/2023/04/Design-your-own-Shoreland-Digital-for-web.pdf	The Land Between	native plants, pollinators, amphibians, birds, wildlife	Canada - Great Lakes, Central, Northern Ontario	Canada	Urban, Suburban, Homeowner	A guide listing best practices for restoring shorelands around property, particular in cottage country. More resources here: https://www.thelandbetween.ca/shoreland-gardens-resources/
technical/advanced	2015	Farming for Bees: Guidelines for Providing Native Bee Habitat on Farms	https://www.xerces.org/publications/guidelines/farming-for-bees	Xerces	native bees	United States	ALL - US	Agricultural Land Manager	Native bee basics, forage habitat, protecting and creating bee nest sites, insecticides and pollinators
technical/advanced	2010	Managing Alternative Pollinators: A Handbook for Beekeepers, Growers and Conservationists	https://www.sare.org/resources/managing-alternative-pollinators/	SARE	managed pollinators	United States	ALL - US	Agricultural Land Manager; Land Management Agency or Organization	2010 guide with lots of additional info on native pollinators- rearing and managing bumble bees, mason bees, leafcutter bees, and other alternatives to honey bees
beginner/novice	2021	Pollinator Habitat Establishment & Management Guide	https://www.beeandbutterflyfund.org/uploads/1/3/3/3/133320811/pollinator_habitat_guide_-_2021.pdf	The Bee & Butterfly Habitat Fund	pollinators	United States	ALL - US	Agricultural Land Manager; Land Management Agency or Organization	Pesticides recommended; encourages use of naturalized clover species (some can be invasive); covers site prep, planting, and post-seeding management
technical/advanced	2015	Pollinator-Friendly Best Management Practices for Federal Lands	https://www.fs.fed.us/wildflowers/pollinators/BMPs/documents/PollinatorFriendlyBMPsFederalLands05152015.pdf	USDA-FS	pollinators	United States	ALL - US	ALL	BMPs for pollinator habitat improvement including habitat forage quality assessment, nesting and overwintering sites, invasive species management; and other management actions.
beginner/novice	2007	Enhancing Nest Sites for Native Bee Crop Pollinators	https://www.fs.usda.gov/nac/assets/documents/agroforestrynotes/an34g08.pdf	USDA-National Agroforestry Center	native bees	United States	ALL - US	Land Management Agency or Organization	
beginner/novice	2020-2022	Native Pollinator Garden Recipe Cards	https://www.pollinator.org/gardencards	NAPPC/P2	pollinators	Northeast, Midwest, Intermountain West, Pacific Northwest, Great Plains, Texas, Southeast, Southwest, Alaska	ALL - US	Urban, Suburban, Homeowner	
beginner/novice	2018	Pollinator Habitat Guide	https://uwmadison.app.box.com/s/y3t4gkk6pc7lj3ntbgbyxiq6ogsbxhu	Earth Partnership	pollinators	United States?	ALL - US	Urban, Suburban, Homeowner; Land Management Agency	2018 guide based on educational activities for K-12 students in preparing pollinator habitat
beginner/novice	2017	Attracting Native Bees to Your Landscape	Attracting Native Bees to Your Landscape - 5.615 - Extension (colostate.edu)	Colorado State University Extension	bees	Colorado	Intermountain West, Great Plains	Urban, Suburban, Homeowner	General facts about pollination and habitat; early-, mid-, and late-season plants. Links to local specialists.
technical/advanced	2021	Creating and Enhancing Habitat for Pollinator Insects	https://www.nrcs.usda.gov/wps/cmis.proxy/https://ecm.nrcs.usda.gov%3a443/fncmi/s/resources/WEBP/ContentStream/idd_00DD0E7C-0000-C51A-8898-67EA6268DA27/0/Biology_Tech_Note_MT20HabitatforPollinators_Aug2021.pdf	USDA-NRCS	pollinators	Montana	Intermountain West, Great Plains	Urban, Suburban, Homeowner	Includes species, bloom period, availability, relative cost; includes conservation reserve program guidelines; includes honey bee pollinator initiative EQIP guidelines
beginner/novice	2017	Promoting Pollinators On Your Place: A Wyoming Guide	http://www.uwyo.edu/barnbackyard/files/documents/resources/pollinators/pollinatorguide.pdf	University of Wyoming Extension	pollinators	Wyoming	Intermountain West, Great Plains	Urban, Suburban, Homeowner	Includes sections on: selecting forage plants for bees, butterflies, other insects, hummingbirds; landscape planning for continuous supply of flowering plants; promoting crop pollination; financial help for pollinator plantings; nesting habitat; beekeeping
technical/advanced	2018+	The Native Pollinator Habitat Restoration Guide: Best Management Practices for the Puget Sound lowlands	https://www.earthcorps.org/wp-content/uploads/The-Native-Pollinator-Habitat-Restoration-Guide-EarthCorps.pdf	EarthCorps	pollinators	Puget Sound	Northwest	ALL	Includes sections on: site assessment and design, a four phase approach to site restoration including site prep, invasive plant control, native plant establishment and long term stewardship; recommendations for municipalities and land managers and management recommendations by habitat type (e.g. Upland Forests, Riparian Areas, Prairies, Stormwater Infrastructure, Agriculture, Corridors and Roadsides)
beginner/novice	2015	Gardening and Landscaping Practices for Nesting Native Bees	https://digitalcommons.usu.edu/cgi/viewcontent.cgi?referer=&httpsredir=1&article=1723&context=extension_curall	Utah State University Extension	native bees	Utah	Southwest	Urban, Suburban, Homeowner	Focuses on nesting habitat for native bees e.g. attractive substrates for ground-nesting bees, landscaping practices to avoid, twig and stem nesting bee habitat, wood nesters.
beginner/novice	2013	Gardening for Native Bees in Utah and Beyond	https://digitalcommons.usu.edu/cgi/viewcontent.cgi?article=1907&context=extension_curall	Utah State University Extension	native bees	Utah	Southwest	Urban, Suburban, Homeowner	Includes a table of "nearly 200 garden plant genera with species whose flowers are sought by wild bees of North America"; as well as a Flowering Calendar for Cultivated Bee Plants
technical/advanced	2016	Management Recommendations for Native Insect Pollinators in Texas	https://tpwd.texas.gov/huntwild/wild/wildlife_diversity/nongame/native-pollinators/media/TPWD-Native-Pollinator-Management.pdf	Texas Parks and Wildlife Department	pollinators	Texas	Texas	ALL	Includes sections on: protecting existing habitat, adapting management practices, augmenting resources (forage, nest sites), pesticide use, and "Agricultural Tax Appraisal on Wildlife Management Recommended Practices for Native Insect Pollinators in Texas" - instructions for very specific habitat management (e.g. Riparian, or habitats for species of concern), erosion control, predator control, etc.
	2021web	Ecoregional Planting Guides (Multiple)	https://www.pollinator.org/guides	NAPPC/P2	pollinators	United States and Canada - Prairie, West Coast, Central, Atlantic, Great Lakes	ALL - US, Canada	ALL	
	2017	Planting Forage for Honey Bees in Canada	https://pollinatorpartnership.ca/assets/generalFiles/Planting-Guide-FINAL-ISBN-June-2017-for-Web-English.pdf	P2	honey bees (Apis)	Canada - ALL	Canada	ALL	
beginner, intermediate	web	Great Lakes Region Resource Page	https://www.inournature.ca/resources	In Our Nature	pollinators, native plants	Canada - Great Lakes Region (Canada/US)	Canada	Urban, Suburban, Homeowner	Resource page is full of a variety of great beginner plant profiles, garden planning tips and more.
beginner, intermediate		Sedgescaping: They share the space unselfishly	https://1000islandsmastergardeners.ca/wildscaping/sedgescapes/	1000 Islands Master Gardeners	native plants	Canada - Great Lakes Region, Central, Ontario	Canada	Urban, Suburban, Homeowner	A unique look at how sedges can be used to enhance gardens - easily applied to pollinator habitats
beginner, intermediate, advanced		Milkweed Profiles	https://monarchwatch.org/bring-back-the-monarchs/milkweed/milkweed-profiles/	Monarch Watch	Monarch, Butterflies, Milkweeds	All/Canada - North America	ALL - US, Canada	ALL	Milkweed profiles for North America
beginner, intermediate, advanced	2018	A Complete Guide to Building and Maintaining a Rain Garden	https://trca.ca/news/complete-guide-building-maintaining-rain-garden/	Toronto and Region Conservation Authority	Native Plants	Canada - Great Lakes, Central, Ontario	Canada	ALL	A detailed guide to building a rain garden -- many plants used are also valuable to pollinators
beginner, intermediate, advanced	2020	Urban Habitat Checklist of Actions to Promote Pollinators in Yards, Gardens and Parks	https://xerces.org/sites/default/files/publications/19-050_01_Xerces-Urban-Habitat-Checklist_web.pdf	Xerces	Pollinators, butterflies, lepidoptera	ALL	ALL - US, Canada	ALL	Checklist of actions to Promote Pollinators in Yards, Gardens & Parks
intermediate, advance	2021	Canadian Guidelines for Outdoor Lighting (Low-Impact Lighting) for Dark-Sky Protection Programs	https://www.csbj.ca/articles/CGOL.PDF	Dark-Sky Protection Programs	Pollinators, Wildlife, Native Plants	United States and Canada	ALL - US, Canada	ALL	Understanding how lighting choices can affect pollinators, plants and wildlife