



The **Lesser Long-Nosed Bat** is a medium-sized bat that lives in Central & North America. This bat pollinates and drinks the nectar of a plant called **Parry's Agave** and its Latin name is *Agave parryi*. The bat's scientific name is *Leptonycteris yerbabuenae*. The Parry's Agave and the Lesser Long-Nosed Bat work together and they depend on each other. ~Julian Sanchez, age 9

This guide is a project of Wild Friends, an experiential science and civics education program for grades 4-12 based at the UNM School of Law. In 2017 Wild Friends students helped write and pass SJM 4, "Pollinator-Friendly Plant Labeling Project," at the New Mexico Legislature.

This brochure is being distributed free of charge to local plant nurseries across the state.



The plant is the **Tufted Evening Primrose** (*Oenothera caespitosa*) being pollinated by a **hawkmoth** (*Sphingidae* family.)

~Izaiha Rodriguez, 6th grade



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Wild Friends' Pollinator Friendly Plant Guide



The **Broad-Tailed Hummingbird** (*Selasphorus platycercus*) is a medium-sized hummingbird nearly 4 inches in length, and male and females both have iridescent green backs and crowns with a white chest. The Broad-Tailed Hummingbird drinks the nectar of the **Desert Willow** (*Chilopsis linearis*) and pollinates at the same time.

~Bella Silva, age 10

~Kayla Sunstrom, 6th grade



~Violet Leadbetter, age 9



A native **bee** (*Anthophila* group) and **Apache Plume** (*Fallugia paradoxa*). Apache plumes bloom in the Spring and their white flowers attract bees. They are a great nectar source for bees and butterflies and also supply birds with nesting sites and materials for nesting.

~Lauren Snippen, 6th grade



~Seth Almanzar, 6th grade

Sources: pollinator.org Xerces.org
Plants of the southwest.com
The Bees in your Backyard
Pocket Guide to the Native Bees of New Mexico

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PLANT LIST

Color	Name	Scientific name	Pollinators	Flower Season	Height	Sun	Soil	Type
○	Western yarrow	<i>Achillea millefolium</i>	Beetles, butterflies, flies	Late spring	3'	Partial	Moist to dry	Perennial flower
● ○	Hummingbird mint	<i>Agastache</i> (var.)	Hummingbirds	July-October	12-30"	Partial to full	Loam to clay	Perennial flower
●	Parry's agave	<i>Agave parryi</i>	Hummingbirds, bees, hawkmoths, bats	June-August	14-20"	Full sun	Rocky, well-drained	Shrub
●	Butterfly weed	<i>Asclepias tuberosa</i>	Butterflies, bees	Late spring-summer	Up to 36"	Full sun	Sandy, loamy, dry	Perennial flower
●	Chocolate flower	<i>Berlandiera lyrata</i>	Butterflies, native bees	Summer	12-18"	Full sun	Clay, sandy, average	Perennial flower
●	Blue grama grass	<i>Bouteloua gracilis</i>	Butterflies (food for caterpillars)	Summer - early fall	Foliage 4", Seedheads 1-2'	Sun	Gravel, sandy, clay	Perennial grass
●	Sundrops	<i>Calylophus hartwegii</i>	Moths, hawkmoths	Summer	8-16"	Full sun	Silty to sandy	Perennial flower
○ ●	Desert willow	<i>Chilopsis linearis</i>	Hummingbirds, bees, bumblebees	Summer	10-20'	Full sun	Gravelly alluvium	Tree
○	Apache plume	<i>Fallugia paradoxa</i>	Bees, flies, moths, butterflies	Spring-Fall	3-6'	Full sun	Gravelly alluvium	Shrub
● ●	Blanketflower or firewheel	<i>Gaillardia aristata</i>	Moths	Spring	2'	Full sun	Well-drained	Perennial flower
○	Tufted evening primrose	<i>Oenothera caespitosa</i>	Hawkmoths	Summer	3-6"	Full sun	Gravel, well-drained	Perennial flower
●	Tulip prickly pear	<i>Opuntia phaeacantha</i>	Cactus bees, flies, wasps	Spring-Summer	1-3'	Full sun	Sandy to rocky	Shrub
● ● ●	Penstemon (various species)	<i>Penstemon</i> (var.) (natives: <i>barbatus</i> , <i>palmeri</i> , <i>pinifolius</i> , others)	Bumblebees, native bees, wasps, hummingbirds, butterflies, moths	Spring-Fall	Varies	Usu. full sun	Varies	Perennial flower
● ○	Mexican cliffrose	<i>Purshia mexicana</i>	Bees, flies	Summer	4-8'	Full sun	Rocky, well-drained	Shrub
● ●	Sage (various)	<i>Salvia</i> (natives: <i>penstemonoides</i> , <i>azurea</i> , others)	Butterflies, bees, hummingbirds, moths	Summer	Varies	Full sun	Varies	Perennial flower