

# Appendix

The following pages are a list of all organisms that have been observed in Vistoso Trails Nature Preserve, uploaded to iNaturalist, and attained “Research-grade” status. The latter means that the community consensus is that the organism is of a particular species.

The lists are arranged alphabetically by scientific name within the broad categories of mammals, reptiles, amphibians, birds, invertebrates, plants, and fungi. Some of the organisms in the guide have not attained Research-grade status on iNaturalist and as such are not yet on these lists. This is generally because they have not been identified to the species level.

# Mammals

<u>Common Name</u>	<u>Scientific Name</u>
Harris' Antelope Squirrel	<i>Ammospermophilus harrisi</i>
Coyote	<i>Canis latrans</i>
Merriam's Kangaroo Rat	<i>Dipodomys merriami</i>
Bobcat	<i>Lynx rufus</i>
Long-legged Myotis	<i>Myotis volans</i>
White-throated Woodrat	<i>Neotoma albigula</i>
Mule Deer	<i>Odocoileus hemionus</i>
Collared Peccary	<i>Pecari tajacu</i>
Arizona Cotton Rat	<i>Sigmodon arizonae</i>
Desert Cottontail	<i>Sylvilagus audubonii</i>
Round-tailed Ground Squirrel	<i>Xerospermophilus tereticaudus</i>

## Well-documented & IDed to Genus

Mouse-eared Bats (genus *Myotis*)

Pocket Mice (genus *Chaetodipus*)

# Reptiles

## Common Name

Western Whiptail  
Zebra-tailed Lizard  
Western Banded Gecko  
Western Diamond-backed Rattlesnake  
Sonoran Desert Tortoise  
Desert Nightsnake  
California King Snake  
Coachwhip  
Regal Horned Lizard  
Gopher Snake  
Long-nosed Snake  
Desert Spiny Lizard  
Ornate Tree Lizard  
Common Side-blotched Lizard

## Scientific Name

*Aspidoscelis tigris*  
*Callisaurus draconoides*  
*Coleonyx variegatus*  
*Crotalus atrox*  
*Gopherus morafkai*  
*Hypsiglena chlorophaea*  
*Lampropeltis californiae*  
*Masticophis flagellum*  
*Phrynosoma solare*  
*Pituophis catenifer*  
*Rhinocheilus lecontei*  
*Sceloporus magister*  
*Urosaurus ornatus*  
*Uta stansburiana*

# Amphibians

## Common Name

Great Plains Toad

Red-spotted Toad

Sonoran Desert Toad

Couch's Spadefoot

## Scientific Name

*Anaxyrus cognatus*

*Anaxyrus punctatus*

*Incilius alvarius*

*Scaphiopus couchii*

# Birds

## Common Name

Cooper's Hawk  
Black-throated Sparrow  
Verdin  
Lesser Scaup\*  
Great Horned Owl  
Red-tailed Hawk  
Gambel's Quail  
Anna's Hummingbird  
Costa's Hummingbird  
Cactus Wren  
Wilson's Warbler  
Northern Cardinal  
Pyrrhuloxia  
Turkey Vulture  
Lesser Nighthawk  
Western Wood-Pewee  
Common Raven  
Broad-billed Hummingbird  
Ladder-backed Woodpecker  
American Kestrel  
Greater Roadrunner  
House Finch

## Scientific Name

*Accipiter cooperii*  
*Amphispiza bilineata*  
*Auriparus flaviceps*  
*Aythya affinis\**  
*Bubo virginianus*  
*Buteo jamaicensis*  
*Callipepla gambelii*  
*Calypte anna*  
*Calypte costae*  
*Campylorhynchus brunneicapillus*  
*Cardellina pusilla*  
*Cardinalis cardinalis*  
*Cardinalis sinuatus*  
*Cathartes aura*  
*Chordeiles acutipennis*  
*Contopus sordidulus*  
*Corvus corax*  
*Cynanthus latirostris*  
*Dryobates scalaris*  
*Falco sparverius*  
*Geococcyx californianus*  
*Haemorhous mexicanus*

# Birds

## Common Name

Hooded Oriole  
Lucy's Warbler  
American Wigeon\*  
Western Screech-Owl  
Gila Woodpecker  
Abert's Towhee  
Northern Mockingbird  
Bronzed Cowbird  
Brown-headed Cowbird  
Ash-throated Flycatcher  
Brown-crested Flycatcher  
Ruddy Duck\*  
House Sparrow  
Rufous-winged Sparrow  
Phainopepla  
Black-headed Grosbeak  
Western Tanager  
Black-tailed Gnatcatcher  
Vermilion Flycatcher  
Say's Phoebe  
Northern Shoveler\*  
Lesser Goldfinch

## Scientific Name

*Icterus cucullatus*  
*Leiothlypis luciae*  
*Mareca americanaz\**  
*Megascops kennicottii*  
*Melanerpes uropygialis*  
*Melozone aberti*  
*Mimus polyglottos*  
*Molothrus aeneus*  
*Molothrus ater*  
*Myiarchus cinerascens*  
*Myiarchus tyrannulus*  
*Oxyura jamaicensis\**  
*Passer domesticus*  
*Peucaea carpalis*  
*Phainopepla nitens*  
*Pheucticus melanocephalus*  
*Piranga ludoviciana*  
*Polioptila melanura*  
*Pyrocephalus rubinus*  
*Sayornis saya*  
*Spatula clypeata\**  
*Spinus psaltria*

# Birds

## Common Name

Northern Rough-winged Swallow  
Curve-billed Thrasher  
Western Kingbird  
Bell's Vireo  
Warbling Vireo  
White-winged Dove  
Mourning Dove  
White-crowned Sparrow

## Scientific Name

*Stelgidopteryx serripennis*  
*Toxostoma curvirostre*  
*Tyrannus verticalis*  
*Vireo bellii*  
*Vireo gilvus*  
*Zenaida asiatica*  
*Zenaida Macroura*  
*Zonotrichia leucophrys*

\*Birds with an asterisk are typically only found near bodies of water. The former golf course maintained a lake that attracted these birds. As the lake is now gone, so too are the waterfowl.

# Arachnids

## Common Name

Desert Blonde Tarantula

Arizona Bark Scorpion

Carolina Wolf Spider

Western Black Widow

Giant Crab Spider

N/A [a tailless whip scorpion]

Stripe-tailed Scorpion

N/A [a jumping spider]

## Scientific Name

*Aphonopelma chalcodes*

*Centruroides sculpturatus*

*Hogna carolinensis*

*Latrodectus hesperus*

*Olios giganteus*

*Paraphrynus carolynae*

*Paravaejovis spinigerus*

*Phidippus californicus*



# Insects

## Common Name

Desert Leaf-cutter Ant  
N/A [a longhorn beetle]  
Western Honey Bee  
Palmer's Metalmark  
Empress Leilia  
Pipevine Swallowtail  
Dark Rover Ant  
Deduced Graphic  
Dried Fruit Beetle  
N/A [a hoverfly]  
Queen  
Palo Verde Root Borer  
Bicolored Pyramid Ant  
Reakirt's Blue  
N/A [a bee fly/humblefly]  
Forsebia Moth  
Tropical House Cricket  
Ceraunus Blue  
Bomber Fly  
White-lined Sphinx  
Eight-spotted Lady Beetle  
Elegant Bush Katydid

## Scientific Name

*Acromyrmex versicolor*  
*Aethecerinus latecinctus*  
*Apis mellifera*  
*Apodemia palmerii*  
*Asterocampa leilia*  
*Battus philenor*  
*Brachymyrmex patagonicus*  
*Bulia deducta*  
*Carpophilus hemipterus*  
*Copestylum apiciferum*  
*Danaus gilippus*  
*Derobrachus hovorei*  
*Dorymyrmex bicolor*  
*Echinargus isola*  
*Exoprosopa agassizii*  
*Forsebia cinis*  
*Gryllodes sigillatus*  
*Hemiargus ceraunus*  
*Heterostylum robustum*  
*Hyles lineata*  
*Hyperaspis octonotata*  
*Insara elegans*

# Insects

## Common Name

Marine Blue  
American Snout  
Obscure Ground Mantis  
Orange-tipped Woodborer  
Giant Cactus Longhorn Beetle  
Desert Harvester Ant  
Pale-winged Desert Cicada  
Thisbe's Tarantula-hawk Wasp  
Rough Harvester Ant  
Golden Paper Wasp  
Bird-Dropping Moth  
Pretty Bird-Dropping Moth  
Checkered White  
Gray Bird Grasshopper  
Turkestan Cockroach  
Arizona Mantis  
Gray Hairstreak  
Iron Cross Blister Beetle  
Cruel Toxonprucha  
Pallid-winged Grasshopper  
Four-spurred Assassin Bug

## Scientific Name

*Leptotes marina*  
*Libytheana carinenta*  
*Litaneutria ocularis*  
*Lithurgopsis apicalis*  
*Moneilema gigas*  
*Novomessor cockerelli*  
*Okanagodes gracilis*  
*Pepsis thisbe*  
*Pogonomyrmex rugosus*  
*Polistes aurifer*  
*Ponometia cuta*  
*Ponometia venustula*  
*Pontia protodice*  
*Schistocerca nitens*  
*Shelfordella lateralis*  
*Stagmomantis limbata*  
*Strymon melinus*  
*Tegrodera aloga*  
*Toxonprucha crudelis*  
*Trimerotropis pallidipennis*  
*Zelus tetracanthus*

# Other Invertebrates

Common Name

Common Desert Centipede

Scientific Name

*Scolopendra polymorpha*

**Note:** Other invertebrates (insects, arachnids, and beyond) have been observed, but getting community consensus on IDs to species level is extremely challenging.

# Plants

## Common Name

Shrubby Indian Mallow  
Willow Acacia  
Dwarf Desert Peony  
Brownfoot  
Big Bursage  
Triangle-leaf Bursage  
Cheeseweed Burrobrush  
Cheesebush  
Rush Milkweed  
Fourwing Saltbush  
Desert Broom  
Parish's Goldeneye  
Desert Marigold  
Scarlet Spiderling  
Red Brome  
Pink Fairy-Duster  
Saguaro  
Spiny Hackberry  
Maltese Star-Thistle  
New Mexico Thistle  
Warnock Condalia  
Little-leaf Cordia

## Scientific Name

*Abutilon abutiloides*  
*Acacia salicina*  
*Acourtia nana*  
*Acourtia wrightii*  
*Ambrosia ambrosioides*  
*Ambrosia deltoidea*  
*Ambrosia monogyra*  
*Ambrosia salsola*  
*Asclepias subulata*  
*Atriplex canescens*  
*Baccharis sarothroides*  
*Bahiopsis parishii*  
*Baileya multiradiata*  
*Boerhavia coccinea*  
*Bromus rubens*  
*Calliandra eriophylla*  
*Carnegiea gigantea*  
*Celtis pallida*  
*Centaurea melitensis*  
*Cirsium neomexicanum*  
*Condalia warnockii*  
*Cordia parvifolia*

# Plants

## Common Name

Rosary Babybonnets  
Arizona Pencil Cholla  
Chain-fruit Cholla  
Tree Cholla  
Christmas Cholla  
Staghorn Cholla  
Wheeler Sotol  
Desert Thorn-Apple  
Fall Tansyaster  
Yuma Silverbush  
Broad Leaf Hopbush  
Engelmann's Hedgehog Cactus  
Brittlebush  
Button Brittlebush  
Longleaf Ephedra  
Spreading Fleabane  
Skeleton Weed  
Red-gland Spurge  
Fishhook Barrel Cactus  
Ocotillo  
Hartweg's Climbing Milkweed  
Southwestern Mock Vervain

## Scientific Name

*Coursetia glandulosa*  
*Cylindropuntia arbuscula*  
*Cylindropuntia fulgida*  
*Cylindropuntia imbricata*  
*Cylindropuntia leptocaulis*  
*Cylindropuntia thurberi ssp. versicolor*  
*Dasyilirion wheeleri*  
*Datura discolor*  
*Dieteria asteroides*  
*Ditaxis serrata*  
*Dodonaea viscosa*  
*Echinocereus engelmannii ssp. fasciculatus*  
*Encelia farinosa*  
*Encelia frutescens*  
*Ephedra trifurca*  
*Erigeron divergens*  
*Eriogonum deflexum*  
*Euphorbia melanadenia*  
*Ferocactus wislizeni*  
*Fouquieria splendens*  
*Funastrum heterophyllum*  
*Glandularia gooddingii*

# Plants

## Common Name

Late Snakeweed  
Red Yucca  
Burroweed  
Narrow-leaved Cryptantha  
Chuparosa  
Littleleaf Ratany  
Prickly Lettuce  
Creosote Bush  
Cenizo  
Anderson Thornbush  
Berlandier's Wolfberry  
Graham's Fishhook Cactus  
Catclaw Mimosa  
Rough Nama  
Tree Tobacco  
Desert Tobacco  
Texas Toadflax  
Desert Ironwood  
Engelmann's Pricklypear  
Bunny Ears Cactus  
Santa Rita Pricklypear  
Blue Palo Verde

## Scientific Name

*Gutierrezia serotina*  
*Hesperaloe parviflora*  
*Isocoma tenuisecta*  
*Johnstonella angustifolia*  
*Justicia californica*  
*Krameria erecta*  
*Lactuca serriola*  
*Larrea tridentata*  
*Leucophyllum frutescens*  
*Lycium andersonii*  
*Lycium berlandieri*  
*Mammillaria grahamii*  
*Mimosa aculeaticarpa*  
*Nama hispida*  
*Nicotiana glauca*  
*Nicotiana obtusifolia*  
*Nuttallanthus texanus*  
*Olneya tesota*  
*Opuntia engelmannii*  
*Opuntia microdasys*  
*Opuntia santa-rita*  
*Parkinsonia florida*

# Plants

## Common Name

Little-leaved Palo Verde  
Parry's Beardtongue  
Desert Mistletoe  
Odora  
Chilean Mesquite  
Velvet Mesquite  
Whitestem Paperflower  
Tumbleweed  
Lotebush  
African Sumac  
Catclaw Acacia  
Silver Senna  
Jojoba  
London Rocket  
Silverleaf Nightshade  
Desert Globemallow  
Whitethorn Acacia  
Sweet Acacia  
Spiny Goldenweed  
Soaptree Yucca  
Desert Zinnia

## Scientific Name

*Parkinsonia microphylla*  
*Penstemon parryi*  
*Phoradendron californicum*  
*Porophyllum gracile*  
*Prosopis chilensis*  
*Prosopis velutina*  
*Psilostrophe cooperi*  
*Salsola tragus*  
*Sarcomphalus obtusifolius ssp. canescens*  
*Searsia lancea*  
*Senegalia greggii*  
*Senna artemisioides*  
*Simmondsia chinensis*  
*Sisymbrium irio*  
*Solanum elaeagnifolium*  
*Sphaeralcea ambigua*  
*Vachellia constricta*  
*Vachellia farnesiana*  
*Xanthisma spinulosum*  
*Yucca elata*  
*Zinnia acerosa*

# Fungi

## Common Name

Saltshaker Stiltball

Green-spored Parasol

## Scientific Name

*Battarreoides diguetii*

*Chlorophyllum molybdites*