

# Arizona Monsoon Madness | Species List

## August 6 – 13, 2022 | with Naturalist Journeys



Compiled by: Dave Mehlman

**Guides: Dave Mehlman and Robert Gallardo, with participants: Buck, Cecilia, Diane, Jean, Juliana, Noel, and Susan**

(HO) – identified by sound only

(GO) – identified by guides only

**Summary:** This delightful tour, the second of three Naturalist Journeys Arizona Monsoon Madness tours in 2022, recorded 140 species of birds, 9 mammals, 7 reptiles/amphibians, and 27 butterflies and other insects. Although we encountered a great deal of rain and thunderstorms due to the very strong monsoon season this year, we fortunately did not have any problems with flooded roads or streams and were able to keep to the planned agenda. There were many, many highlights on this tour, though perhaps some of the best were 12 (!) species of hummingbirds, a lovely fly-over Zone-tailed Hawk in the Santa Ritas, a brood of Black-bellied Whistling-Duck chicks, an extraordinary view of a singing Varied Bunting at very close range, and decent views of Five-striped Sparrow. Thanks to Robert, we have a very good list of butterflies and invertebrates, both the showy (Arizona Sister, swallowtails) and less spectacular (skipperling). Many lifers and great experiences were had, complemented by fine food and lodging, and we all can't wait to get back!

### **BIRDS:**

#### **DUCKS, GEESE AND SWANS: Anatidae (4)**

**Black-bellied Whistling-Duck** *Dendrocygna autumnalis*—Two adults with a brood of 5 legitimately adorable chicks were well seen at the Amado WTP

**Mexican Duck** *Anas diazi*—Several seen at Patagonia Lake State Park

**Ring-necked Duck** *Aythya collaris*—Seen from the van during a light rain at Amado WTP, this is a local rarity but regularly reported from that location

**Ruddy Duck** *Oxyura jamaicensis*—One male seen at the Twinlakes Golf Course pond on the first day and 1 male + 2 females at the Amado WTP

#### **NEW WORLD QUAIL: Odontophoridae (1)**

**Gambel's Quail** *Callipepla gambelii*—Found on every day at the tour at most locations, especially those with feeders

#### **PARTRIDGES, PHEASANTS, AND ALLIES: Phasianidae (1)**

**Wild Turkey** *Meleagris gallopavo*—Several seen at George Walker House and a large group at Santa Rita Lodge in Madera Canyon

#### **PIGEONS AND DOVES: Columbidae (6)**

**Band-tailed Pigeon** *Patagioenas fasciata*—Found on our day in the high Chiricahuas, one cooing on the road to Rustler Park and a large flock in the trees at the beginning of the descent into Barfoot Park

**Eurasian Collared-Dove** *Streptopelia decaocto*—Seen or heard on all three days at Casa de San Pedro

**Inca Dove** *Columbina inca*—Found on the first six days of the tour at many locations, both by sight and sound

**Common Ground Dove** *Columbina passerina*—Found on two days at Casa de San Pedro, once by the group and once by Dave, and again in the Santa Rita foothills grasslands

**White-winged Dove** *Zenaida asiatica*—A common and ubiquitous species, found on all days of the tour

**Mourning Dove** *Zenaida macroura*— A common and ubiquitous species, found on all days of the tour, even while driving

### **CUCKOOS AND ALLIES: Cuculidae (2)**

**Greater Roadrunner** *Geococcyx californianus*—Seen by the entire group from the van when leaving Patagonia Lake State Park

**Yellow-billed Cuckoo** *Coccyzus americanus*—One heard at the Paton Center for Hummingbirds and one seen the following day, somewhat unexpectedly, at Montosa Canyon

### **SWIFTS: Apodidae (1)**

**White-throated Swift** *Aeronautes saxatalis*—Observed flying very high in the sky over the walls of South Fork Cave Creek Canyon

### **HUMMINGBIRDS: Trochilidae (12)**

**Rivoli's Hummingbird** *Eugenes fulgens*—Easily seen on three days at the feeders at George Walker House, Beatty's Guest Ranch, and Santa Rita Lodge

**Blue-throated Mountain-gem** *Lampornis clemenciae*—One seen at the feeders on our final morning at Cave Creek Ranch before departing

**Lucifer Hummingbird** *Calothorax lucifer*—Seen very well on both visits to Ash Canyon Bird Sanctuary on the same day

**Black-chinned Hummingbird** *Archilochus alexandri*—A relatively common and widespread species, this hummer was found on five days at many of the feeding stations

**Anna's Hummingbird** *Calypte anna*—Only noted, though quite common, at Ash Canyon Bird Sanctuary and Beatty's Guest Ranch

**Costa's Hummingbird** *Calypte costae*—One female or immature seen on the drive up Carr Canyon

**Broad-tailed Hummingbird** *Selasphorus platycercus*—Found in the high Chiricahuas on our drive up and over the mountain and at the feeders at Beatty's Guest Ranch

**Rufous Hummingbird** *Selasphorus rufus*—Only found on three days at the feeders at George Walker House and Casa de San Pedro

**Broad-billed Hummingbird** *Cyananthus latirostris*—Easily the most widespread and numerous hummingbird of the tour, various sexes and ages of this species were seen at virtually all locations with feeders throughout the tour

**Berylline Hummingbird** *Amazilia beryllina*—Found at two locations: Southwestern Research Station in the Chiricahuas and at the Santa Rita Lodge feeders in Madera Canyon

**Violet-crowned Hummingbird** *Amazilia violiceps*—Found at Ash Canyon Bird Sanctuary, Beatty's Guest Ranch in Miller Canyon, and at the Paton Center for Hummingbirds

**White-eared Hummingbird** *Hylocharis leucotis*—Seen by the group at George Walker House, where it had been reported by many observers previously

### **RAILS, COOTS AND ALLIES: Rallidae (2)**

**Common Gallinule** *Gallinula galeata*—One young bird observed at Sweetwater Wetlands on the final (departure) day of the tour

**American Coot** *Fulica americana*—Found on three days when visiting appropriate wetland: Twinlakes Golf Course, Patagonia Lake, and Sweetwater Wetlands

### **STILTS AND AVOCETS: Recurvirostridae (2)**

**Black-necked Stilt** *Himantopus mexicanus*—Small group of individuals in the saline Lake Cochise outside Willcox

**American Avocet** *Recurvirostra americana*— Several in the saline Lake Cochise outside Willcox, many still in breeding plumage

### **PLOVERS AND LAPWINGS: Charadriidae (1)**

**Killdeer** *Charadrius vociferus*—Found at both Lake Cochise on the first day and again at Sierra Vista EOP

### **SANDPIPERS AND ALLIES: Scolopacidae (1)**

**Long-billed Dowitcher** *Limnodromus scolopaceus*—Three observed feeding in the saline Lake Cochise outside Willcox

### **CORMORANTS: Phalacrocoracidae (2)**

**Neotropic Cormorant** *Phalacrocorax brasilianus*—Several seen at Patagonia Lake State Park

**Double-crested Cormorant** *Nannopterum auritum*—One found at the Twinlakes Golf Course pond, unusual for the area

### **HERONS AND EGRETS: Ardeidae (3)**

**Great Blue Heron** *Ardea herodias*—Found twice, first at Patagonia Lake State Park and again at Amado WTP

**Green Heron** *Butorides virescens*—One heard and seen by a few flying at Patagonia Lake State Park

**Black-crowned Night-Heron** *Nycticorax nycticorax*—Several seen at Twinlakes Golf Course

### **IBIS AND SPOONBILLS: Threskiornithidae (1)**

**White-faced Ibis** *Plegadis chihi*—A large flock of about 25 birds very well seen at Lake Cochise on the first day

### **NEW WORLD VULTURES: Cathartidae (2)**

**Black Vulture** *Coragyps atratus*—One bird flying and soaring over Patagonia Lake State Park

**Turkey Vulture** *Cathartes aura*—Found on every day of the tour, mostly soaring overhead, sometimes also while driving

### **HAWKS, KITES AND EAGLES: Accipitridae (5)**

**Mississippi Kite** *Ictinia mississippiensis*—A young bird perched in a tree and at least one adult soaring overhead in the town of Patagonia, where previously reported by many observers

**Gray Hawk** *Buteo plagiatus*—Heard by Robert on one day at Casa de San Pedro and seen by the group there during the walk to the San Pedro River; found again at the Patagonia Roadside Rest Area during the “becard vigil”

**Swainson’s Hawk** *Buteo swainsoni*—Found on five days of the tour at various lower elevation sites, most notably at Casa de San Pedro on the morning walks

**Zone-tailed Hawk** *Buteo albonotatus*—A very well seen bird soaring low over the group while birding in the grasslands of the Santa Rita foothills; “eagle-eye” Jean’s best spot of the tour (and she had many!)

**Red-tailed Hawk** *Buteo jamaicensis*—Found on the first four days of the tour, most commonly while soaring in or above the mountains

### **OWLS: Strigidae (2)**

**Whiskered Screech-Owl** *Megascops trichopsis*—Thanks to Robert, one well seen by the group on the night owling trip at John Hands Campground in the Chiricahua Mountains

**Great Horned Owl** *Bubo virginianus*—one or two birds seen on all three days at Casa de San Pedro, roosting in the enormous cottonwood in front

### **TROGONS: Trogonidae (1)**

**Elegant Trogon** *Trogon elegans*—Seen poorly by most in the group at two places in Cave Creek Canyon; an adult male seen very well by most in the group on the hike up Madera Canyon from the parking lot

### **WOODPECKERS: Picidae (6)**

**Acorn Woodpecker** *Melanerpes formicivorus*—Found on seven days of the tour at almost all sites in or near pine-oak forest

**Gila Woodpecker** *Melanerpes uropygialis*—Found on every day of the tour except our full day in the Chiricahuas, generally at lower elevations; many times visited feeders with both seed, suet, or nectar

**Ladder-backed Woodpecker** *Dryobates scalaris*—Seen on the last full three days of the tour at Ash Canyon Bird Sanctuary, Paton Center for Hummingbirds, and Montosa Canyon

**Hairy Woodpecker** *Dryobates villosus*—Found on both days in the Chiricahuas

**Arizona Woodpecker** *Dryobates arizonae*—Found on two days, first along the South Fork of Cave Creek and again in the Huachucas

**Northern Flicker** *Colaptes auratus*—The Red-shafted (western) form was seen on both of our days in the Chiricahuas

### **FALCONS AND CARACARAS: Falconidae (1)**

**American Kestrel** *Falco sparverius*—Only observed at the Sierra Vista EOP

### **TITYRAS AND BECARDS: Tityridae (1)**

**Rose-throated Becard** *Pachyramphus aglaiae*—(GO) Despite extensive time spent watching at the famed Patagonia Roadside Rest Area nest, only seen briefly by Dave once as it perched on the top of the nest

### **TYRANT FLYCATCHERS: Tyrannidae (13)**

**Northern Beardless-Tyrannulet** *Camptostoma imberbe*—Well seen by most of the group at close range at Patagonia Lake State Park

**Western Wood-Pewee** *Contopus sordidulus*—This common and widespread flycatcher was regularly observed on the first five days of the tour, mostly in the mountains

**Cordilleran Flycatcher** *Empidonax occidentalis*—Found on one day in Cave Creek Canyon

**Buff-breasted Flycatcher** *Empidonax fulvifrons*—Found at Reef Townsite in the high Huachucas

**Black Phoebe** *Sayornis nigricans*—Found on several mornings at Casa de San Pedro and again from the Tubac Bridge

**Say's Phoebe** *Sayornis saya*—Seen from the van while driving away from Amado Territory Inn

**Vermilion Flycatcher** *Pyrocephalus rubinus*—This attractive flycatcher was found on all four of the last full days of the trip, particularly well-seen at Casa de San Pedro; however, at this time of the year, many individuals were drab-plumaged immatures

**Ash-throated Flycatcher** *Myiarchus cinerascens*—Spotted from the van while leaving the Lake Cochise/Twinlakes Golf Course area outside Willcox

**Brown-crested Flycatcher** *Myiarchus tyrannulus*—Well seen by the group at the end of the South Fork Cave Creek Canyon road

**Sulphur-bellied Flycatcher** *Myiodynastes luteiventris*—Well seen by the group while walking down the South Fork Cave Creek Canyon road; another seen by Dave in Madera Canyon

**Tropical Kingbird** *Tyrannus melancholicus*—A group, probably a family, observed at very close range from the Tubac Bridge

**Cassin's Kingbird** *Tyrannus vociferans*—Easily seen on all three morning walks at Casa de San Pedro

**Western Kingbird** *Tyrannus verticalis*—This kingbird was recorded on two days early in the trip, although undoubtedly was more widespread than this (its hard to ID kingbirds on the wires at 60 mph!)

### **VIREOS: Vireonidae (3)**

**Bell's Vireo** *Vireo bellii*—Far easier to identify by sound than sight, we found this vireo at San Pedro House, Patagonia Lake, Montosa Canyon, and Sweetwater Wetlands

**Hutton's Vireo** *Vireo huttoni*—Seen well by the group on our day birding in the South Fork Cave Creek Canyon

**Plumbeous Vireo** *Vireo plumbeus*—Seen on both days in the Chiricahuas

### **SHRIKES: Laniidae (1)**

**Loggerhead Shrike** *Lanius ludovicianus*—Seen on four days of the tour at Lake Cochise, San Pedro House, and one morning at Casa de San Pedro

### **CROWS AND JAYS: Corvidae (4)**

**Steller's Jay** *Cyanocitta stelleri*—Found at the high elevations of the Chiricahua Mountains during our drive up and over the mountain

**Mexican Jay** *Aphelocoma wollweberi*—The common and ubiquitous jay of the Arizona sky islands, this species was found on six days of the tour at all sites in the mountain ranges, frequently coming to feeders in large groups

**Chihuahuan Raven** *Corvus cryptoleucus*—Recorded on four days of the tour in lower elevation sites

**Common Raven** *Corvus corax*—Definitely recorded by call and habitat at Reef Townsite in the Huachucas and in the town of Patagonia; probably more widespread

**TITS AND CHICKADEES: Paridae (3)**

**Mexican Chickadee** *Poecile sclateri*—Found at the high elevations of the Chiricahua Mountains during our drive up and over the mountain

**Bridled Titmouse** *Baeolophus wollweberi*—Found on two days, once in the Chiricahuas and again in Madera Canyon

**Juniper Titmouse** *Baeolophus ridgwayi*—Seen by some in the group coming in briefly to the feeders at George Walker House

**PENDULINE TITS: Remizidae (1)**

**Verdin** *Auriparus flaviceps*—Seen or heard on the last three days of the tour at various low elevation sites, probably the best at Patagonia Lake State Park

**SWALLOWS AND MARTINS: Hirundinidae (3)**

**Northern Rough-winged Swallow** *Stelgidopteryx serripennis*—A few were flying over the lake at the Twinlakes Golf Course outside Willcox

**Barn Swallow** *Hirundo rustica*—Found on four days of the tour at several sites across the itinerary

**Cliff Swallow** *Petrochelidon pyrrhonota*—Seen by Dave on one morning at Casa de San Pedro and then a nesting colony seen on one of the bridge overpasses near Amado by the whole group when heading out for the last morning

**BUSHTITS: Aegithalidae (1)**

**Bushtit** *Psaltriparus minimus*—Only found once, in along the road to Rustler Park in the Chiricahuas

**NUTHATCHES: Sittidae (2)**

**White-breasted Nuthatch** *Sitta carolinensis*—Regularly seen throughout the tour, especially at places with feeders

**Pygmy Nuthatch** *Sitta pygmaea*—Found at the high elevations of the Chiricahua Mountains during our drive up and over the mountain

**CREEPERS: Certhiidae (1)**

**Brown Creeper** *Certhia americana*—Found on both days in the Chiricahuas, including in Cave Creek Canyon

**GNATCATCHERS: Polioptilidae (1)**

**Blue-gray Gnatcatcher** *Polioptila caerulea* —Found by some in the group on our day in the high Chiricahuas

**WRENS: Troglodytidae (3)**

**House Wren** *Troglodytes aedon*—(HO, GO) Heard by Robert on our day in the high Chiricahuas

**Bewick's Wren** *Thryomanes bewickii*—Found on four days at Cave Creek Ranch and at Casa de San Pedro

**Cactus Wren** *Campylorhynchus brunneicapillus*—Found on both days at Cave Creek Ranch and at Casa de San Pedro, where a pair were nesting in the owl box in the parking lot

**STARLINGS AND MYNAS: Sturnidae (1)**

**European Starling** *Sturnus vulgaris*—Only observed on the visit to Sierra Vista EOP

**MOCKINGBIRDS AND THRASHERS: Mimidae (2)**

**Curve-billed Thrasher** *Toxostoma curvirostre*—A widespread species, found on six days of the tour at many sites

**Northern Mockingbird** *Mimus polyglottos*—Seen on all three days while at or near Casa de San Pedro

**THRUSHES: Turdidae (3)**

**Western Bluebird** *Sialia mexicana*—Found in and around open areas at the high elevations of the Chiricahua Mountains during our drive up and over the mountain

**Hermit Thrush** *Catharus guttatus*—Found by some in the group on our day in Cave Creek Canyon

**American Robin** *Turdus migratorius*—Basically a high elevation species in the summer, robins were seen on our days in the high Chiricahua and Huachuca Mountains

#### **SILKY-FLYCATCHERS: Ptilonotidae (1)**

**Phainopepla** *Phainopepla nitens*—This lovely flycatcher-like species was seen on four days at several sites, most notably in the wash behind the Paton Center, where an adult was feeding fledged young

#### **OLD WORLD SPARROWS: Passeridae (1)**

**House Sparrow** *Passer domesticus*—Commonly encountered, especially at Casa de San Pedro and some of the other sites with seed feeders

#### **FINCHES: Fringillidae (2)**

**House Finch** *Haemorhous mexicanus*—Found on every day of the tour at most sites, except the highest elevation ones

**Lesser Goldfinch** *Spinus psaltria*—A widespread and ubiquitous species, found on every full day in the field at many sites; often at feeders

#### **NEW WORLD SPARROWS: Passerellidae (9)**

**Botteri's Sparrow** *Peucaea botteri*—One appeared at very close range, but very briefly, when it came in at our stop in the Santa Rita foothill grasslands

**Black-throated Sparrow** *Amphispiza bilineata*—Seen twice on our day exploring the Santa Rita foothills, first in Montosa Canyon and again in the grasslands

**Five-striped Sparrow** *Amphispiza quinquestrata*—Well seen with the aid of the spotting scope in the ocotillos on the hillsides at Montosa Canyon

**Lark Sparrow** *Chondestes grammacus*—A single bird, probably young of the year, found on two morning walks at Casa de San Pedro

**Yellow-eyed Junco** *Junco phaeonotus*—Seen at Rustler and Barfoot Parks high in the Chiricahua Mountains

**Song Sparrow** *Melospiza melodia*—Commonly seen or heard at many locations on five days at sites near feeders or near riparian areas

**Canyon Towhee** *Melospiza fusca*—Oddly, only reported on one day of the tour in the Santa Rita foothill grasslands

**Abert's Towhee** *Melospiza aberti*—This restricted-range species was found on five days at low elevation sites, primarily near the San Pedro River; also at Sweetwater Wetlands on the very last day

**Spotted Towhee** *Pipilo maculatus*—Found on both days in Cave Creek Canyon and again at Reef Townsite

#### **YELLOW-BREASTED CHAT: Icteriidae (1)**

**Yellow-breasted Chat** *Icteria virens*—Encountered commonly on four days of the tour at Casa de San Pedro and other sites near the San Pedro River

#### **NEW WORLD BLACKBIRDS: Icteridae (6)**

**Yellow-headed Blackbird** *Xanthocephalus xanthocephalus*—Several observed in the cattails during the visit to Sierra Vista Environmental Operations Park

**Chihuahuan Meadowlark** *Sturnella lilianae*—(HO) Heard by Jean on one morning at Casa de San Pedro; was considered a subspecies of Eastern Meadowlark until July 2022!

**Hooded Oriole** *Icterus cucullatus*—Seen on both days at Cave Creek Ranch and again at Montosa Canyon, where there was a nest by the stream

**Red-winged Blackbird** *Agelaius phoeniceus*—Found on three times, at the Twinlakes Golf Course, Sierra Vista EOP, and Sweetwater Wetlands

**Brown-headed Cowbird** *Molothrus ater*—Found on four days of the tour, including at some feeders

**Great-tailed Grackle** *Quiscalus mexicanus*—Found on five days at a variety of places, generally near towns or cultivated areas

### **NEW WORLD WARBLERS: Parulidae (8)**

**Lucy's Warbler** *Leiothlypis luciae*—Found four times on three different days at Casa de San Pedro (on two different mornings), Paton Center for Hummingbirds, and from the Tubac Bridge

**Common Yellowthroat** *Geothlypis trichas*—Found on five days of the tour at sites with appropriate wetlands

**Yellow Warbler** *Setophaga petechia*—Regularly encountered on the latter half of the tour, particularly at Casa de San Pedro

**Grace's Warbler** *Setophaga graciae*—Found on three days of the tour in the tall pines of the Chiricahuas and Huachucas

**Black-throated Gray Warbler** *Setophaga nigrescens*—Seen on three days in Cave Creek Canyon, Pinery Canyon, and Carr Canyon

**Wilson's Warbler** *Cardellina pusilla*—One individual, an early migrant, seen by some in the group at the Paton Center for Hummingbirds

**Red-faced Warbler** *Cardellina rubrifrons*—One seen by most of the group at Pinery Canyon coming down from the mountain

**Painted Redstart** *Myioborus pictus*—Pretty well seen by the entire group three times in Cave Creek Canyon, at Barfoot Park, and in Madera Canyon

### **CARDINAL-GROSBEAKS: Cardinalidae (9)**

**Hepatic Tanager** *Piranga flava*—Seen or heard on four days in the mountains, with a very nice male putting in an appearance at the Santa Rita Lodge feeders

**Summer Tanager** *Piranga rubra*—Found on three days of the tour, best during the walk to the San Pedro River from Casa de San Pedro

**Western Tanager** *Piranga ludoviciana*—Seen on five days, starting with our very first stop at Twinlakes Golf Course and periodically at different places through the rest of the tour

**Northern Cardinal** *Cardinalis cardinalis*—Encountered often during the tour, on six days, at many places visited, often at or near feeders

**Pyrrhuloxia** *Cardinalis sinuatus*—Somewhat surprisingly only found on three days at a variety of sites scattered across the tour

**Black-headed Grosbeak** *Pheucticus melanocephalus*—Encountered on five days of the tour at many forested sites and at feeding stations

**Blue Grosbeak** *Passerina caerulea*—Found on four days of the tour after leaving the Chiricahuas; particularly noticeable at Casa de San Pedro

**Lazuli Bunting** *Passerina amoena*—Seen, very well, on all three morning walks at Casa de San Pedro and again in the wash at the Paton Center

**Varied Bunting** *Passerina versicolor*—A fabulous view of a singing male of this spectacular desert bunting was had by all at Montosa Canyon

### **MAMMALS: (9)**

**White-tailed Deer** *Odocoileus virginianus*—Easily seen and widespread; found on six days of the tour at many sites, most easily at Cave Creek Ranch

**Collared Peccary** *Pecari tajacu*—(GO) Several seen by Dave one afternoon at Cave Creek Ranch under the feeders

**Striped Skunk** *Mephitis mephitis*—Seen on the first two days at or near Cave Creek Ranch

**White-nosed Coati** *Nasua narica*—A lone male seen and photographed by most at Cave Creek Ranch while snacking on one of the feeders

**Desert Cottontail** *Sylvilagus audubonii*—The common “bunny rabbit” of the tour, these were recorded on three days

**Black-tailed Jackrabbit** *Lepus californicus*—Seen at Twinlakes Golf Course

**Cliff Chipmunk** *Tamias dorsalis*—Noted on two days at Cave Creek Ranch

**Rock Squirrel** *Otospermophilus variegatus*—Often at feeders, this semi-tame species was found on three days

**Arizona Gray Squirrel** *Sciurus arizonensis*—Found on five days at several sites, often at feeders; the best observations, however, were two young individuals gamboling about their knothole in a large sycamore in Madera Canyon

### **REPTILES AND AMPHIBIANS: (7)**

**Ornate Box Turtle** *Terrapene ornata*—One rescued from the middle of the highway while at Casa de San Pedro  
**Yarrow's Spiny Lizard** *Sceloporus jarrovii*—Found on two days, first on a restroom at Ramsey Vista in the Huachucas and again at Madera Canyon  
**Clark's Spiny Lizard** *Sceloporus clarkii*—Great views of one sitting on a post at San Pedro House  
**Black-tailed Rattlesnake** *Crotalus molossus*—Seen by a few on the first day right at Cave Creek Ranch (we told you to bring a flashlight!!)  
**Western Diamond-backed Rattlesnake** *Crotalus atrox*—Very young individual seen on the road on the way back from Paradise to Cave Creek Ranch  
**Couch's Spadefoot** *Scaphiopus couchii*—A few out and about after heavy rains at Casa de San Pedro  
**Woodhouse's Toad** *Anaxyrus woodhousii*—Quite numerous at Casa de San Pedro after the rains

### **BUTTERFLIES & OTHER INVERTEBRATES: (27)**

**Pipevine Swallowtail** *Battus philenor*—Seen throughout the trip at various locales; many at Casa de San Pedro  
**Two-tailed Swallowtail** *Papilio multicaudata*—Many seen in Cave Creek Canyon  
**Western Giant Swallowtail** *Heraclides rumiko*—Small numbers seen in low-lying areas  
**Orange Sulphur** *Colias eurytheme*—Observed in large numbers in low-lying areas and lower numbers in mountainous areas  
**Southern Dogface** *Zerene cesonia*—Many observed in South Fork Canyon  
**Arizona Sister** *Adelpha eulalia*—Many observed at most mountain locations  
**Red-spotted Purple** *Limenitis arthemis*—Observed at most wooded lowland locations  
**Mylytta Crescent** *Phyciodes mylytta*—Small numbers seen around Rustler Park  
**Pearl Crescent** *Phyciodes tharos*—Seen at Rustler Park  
**Texan Crescent** *Anthanassa texana*—One seen at Patagonia Lake State Park  
**Queen** *Danaus gilippus*—Seen in the gardens at Casa San Pedro  
**Satyr Comma** *Polygonia satyrus*—One seen at Pinery Canyon  
**Nabokov's Satyr** *Cyllopsis pyracmon*—One observed at South Fork Canyon  
**Palmer's Metalmark** *Apodemia palmeri*—Several seen on a flowering shrub at Patagonia Lake State Park  
**Echo Azure** *Celastrina echo*—Frequently observed at most mountainous locations  
**Reakirt's Blue** *Echinargus isola*—Observed at Patagonia Lake State Park  
**Bordered Patch** *Chlosyne lacinia*—Observed at Montosa Canyon  
**Arizona Checkerspot** *Texola perse*—Observed at Montosa Canyon  
**Four-spotted Skipperling** *Piruna polingii*—Three observed puddling at Barfoot Park  
**Dull Firetip** *Apyrothrix araxes*—Seen at the Southwest Research Station feeding on milkweed  
**Northern Cloudywing** *Cecropterus pylades*—Several seen feeding on milkweed at the Southwest Research Station  
**Snow's Skipper** *Paratrytone snowi*—One observed at Rustler Park  
**Golden-banded Skipper** *Telegonus cellus*—Numerous in South Fork Canyon  
**Flame Skimmer** *Libellula saturata*—Seen at Lake Cochise  
**Giant Mesquite Bug** *Thasus neocalifornicus*—One found on the sidewalk in Tubac  
**Fig-eater Beetle** *Cotinis mutabilis*—Seen at Patagonia Lake State Park  
**Blue Fungus Beetle** *Cypherotylus californicus*—Well seen and photographed at Patagonia Lake State Park

### **LOCATIONS AND NOTES:**

Day 1: August 6, 2022: Tucson Airport, Willcox/Lake Cochise & Twinlakes Golf Course, Cave Creek Ranch (Portal)  
Day 2: August 7, 2022: South Fork Cave Creek, Southwestern Research Station, Cave Creek Ranch, George Walker House (Paradise)  
Day 3: August 8, 2022: Cave Creek Ranch, Barfoot Park, Rustler Park, Pinery Canyon Casa de San Pedro  
Day 4: August 9, 2022: Casa de San Pedro, Carr Canyon (Reef Townsite, Ramsey Vista), Sierra Vista Environmental Operations Park (EOP), San Pedro House (San Pedro River)  
Day 5: August 10, 2022: Casa de San Pedro, Ash Canyon Bird Sanctuary, Beatty's Guest Ranch (Miller Canyon)  
Day 6: August 11, 2022: Casa de San Pedro, Patagonia Lake State Park, Patagonia Roadside Rest Area, Paton Center for Hummingbirds, Amado Territorial Inn



Day 7: August 12, 2022: Montosa Canyon, Santa Rita Mountains Foothills Grasslands, Madera Canyon, Amado WTP, de Anza Trail, Tubac Bridge

Day 8: August 13, 2022: Sweetwater Wetlands (Tucson) for later departures