



SYSTEMATIC LIST of SPECIES SEEN S.E. ARIZONA & GRAND CANYON July 28-Aug 10, 2004

- Day 1 : Phoenix Desert Botanical Gardens
- Day 2 : Oak Creek Canyon (Garland Bridge, West Fork, Oak Creek Vista); Rio de Flag; San Francisco Peaks (Snow Bowl, Hart's Prairie, Aspen Pond)
- Day 3 : Grand Canyon (South Rim); Rte 64 & 180 (Valle, Flagstaff to Grand Canyon)
- Day 4 : San Fransisco Peaks (Hart's Prairie, Hochderffer Ranch burnt area, Kendrick Park Road/Rte 514, Lockett's Meadow); Red Rocks Cattle Pens
- Day 5 : Arizona Sonoran Desert Museum; San Xavier Mission; Madera Canyon (Santa Rita Lodge)
- Day 6 : Madera Canyon (Kubo House, Grasslands, Florida Wash, Chapuporosa Inn, Old Baldy Trail); Drive to California Gulch via Arivaca and Ruby Road
- Day 7 : Madera Canyon (Kubo House, Mine Vault Trail, Santa Rita Lodge); Green Valley Waste Water Treatment Plant; Rio Rico agricultural fields; Kino Springs; Paton's residence
- Day 8 : Huachuca's (Fort Huachuca, Garden Canyon, Sawmill Canyon, Scheelite Canyon); Miller Canyon (Beatty's B&B)
- Day 9 : Patagonia Lake State Park; Patagonia Butterfly Garden; Miller Canyon (Beatty's B&B); Ash Canyon B&B; Ramsey Canyon
- Day 10:Sierra Vista Environmental Operations Park (EOP); San Pedro House (RCNA); Holy Trinity Monastery south of St. David's/Rte 80; Tombstone; Ramsey Canyon Road
- Day 11:San Pedro Inn; Douglas; Chiricahua's (Willow Tank, Cave Creek Ranch, Portal)
- Day 12:Chiricahua's (Foothills Road, Road to Paradise, Cemetary, George Walker House, 181/Paradise junction, Barfoot Meadow, Rustler Park, Cave Creek)
- Day 13:Chiricahua's (Foothills Road, Junction 181/Paradise, Pinery Canyon); Chiricahua National Monument; Willcox Playa
- Day 14:Sweetwater Wetlands; Red Rocks Cattle Pens

The **first** number represents the total number of that species seen on one day
 The **second** number represents the maximum number of days that species was seen

Systematic List Number 1 ~ BIRDS

The taxonomy and nomenclature is taken from the current AOU list (2004)

Black-bellied Whistling-Duck 2 at Kino Springs	<i>Dendrocygna autumnalis</i>
Mallard Seen in most bodies of water. These being 'mexican' mallards. 30+/5	<i>Anas platyrhynchos</i>
Cinnamon Teal 1 at San Pedro Inn; 18 at Willcox Playa; 3 at Sweetwater Wetlands. All females or juveniles - 18/3	<i>Anas cyanoptera</i>
Northern Shoveler 1 female at Willcox Playa	<i>Aythya clypeata</i>
Green-winged Teal 2 females at Willcox Playa	<i>Anas crecca</i>
Greater Scaup 1 female at Wilcox playa	<i>Aythya marila</i>
Ruddy Duck 25 at Willcox Playa and 35+ at Sweetwater Wetlands - 35+/2	<i>Oxyura jamaicensis</i>
Wild Turkey 1 at the Kubo House in Madera Canyon. This being the 'Gould's' race	<i>Meleagris gallopavo</i>
Scaled Quail 2 in Garden Canyon	<i>Callipepla squamata</i>
Gambel's Quail Common at Desert Botanical Gardens, ASDM, San Pedro and Chiricahua's - 36/8	<i>Callipepla gambelii</i>
Pied-billed Grebe 1 at Patagonia Lake State Park	<i>Podilymbus podiceps</i>

Eared Grebe	<i>Podiceps nigricollis</i>	
3 at Willcox Playa		
Neotropic Cormorant	<i>Phalacrocorax brasilianus</i>	
12 at Patagonia State Park		
Great Blue Heron	<i>Ardea herodias</i>	
Singles at Rio Rico and Patagonia Lake SP; 2 at Willcox Playa and Sierra Vista EOP - 2/4		
Great Egret	<i>Ardea alba</i>	
1 at Kino Springs		
Green Heron	<i>Butorides virescens</i>	
2 at Patagonia Lake SP; 3 at San Pedro House; 1 at San Pedro Inn - 3/3		
Black-crowned Night-Heron	<i>Nycticorax nycticorax</i>	
3 at Willcox Playa		
Black Vulture	<i>Coragyps atratus</i>	
1 on Ruby Road just before Califo		
Turkey Vulture	<i>Cathartes aura</i>	
Seen daily - 100+/14		
California Condor	<i>Gymnogyps californianus</i>	
6 seen on the South Rim at the Grand Canyon		
White-tailed Kite	<i>Elanus leucurus</i>	
1 at the Red Rocks intersection with I-10		
Mississippi Kite	<i>Ictinia mississippiensis</i>	
2 at St. David's		
Sharp-shinned Hawk	<i>Accipiter striatus</i>	
1 at Oak Creek Vista		
Cooper's Hawk	<i>Accipiter cooperii</i>	
2 juveniles in Garden Canyon and Patagonia Lake SP; 1 at San Pedro House and Chiricahua's - 2/4		
Northern Goshawk	<i>Accipiter gentilis</i>	
Was that one that John saw at Barfoot Meadow?		
Gray Hawk	<i>Asturina nitida</i>	
4 at Kino Springs including 3 juveniles		
Harris's Hawk	<i>Parabuteo unicinctus</i>	
2 at Sweetwater Ponds		
Short-tailed Hawk	<i>Buteo brachyurus</i>	
1 'white morph' at Barfoot Meadow		
Swainson's Hawk	<i>Buteo swainsoni</i>	
Singles at Green Valley and west of Willcox; common south and east of Huachuca's - 7/ 5		
Zone-tailed Hawk	<i>Buteo albonotatus</i>	
2 at Grand Canyon and 1 at Kino Springs - 2/2		
Red-tailed Hawk	<i>Buteo jamaicensis</i>	
Common in small numbers, seen on most days - 4/12		
Golden Eagle	<i>Aquila chrysaetos</i>	
1 juvenile on Ruby Road near California Gulch		
American Kestrel	<i>Falco sparverius</i>	
Small numbers in the prairies around San Francisco Peaks and grasslands near the Huachuca - 9/7		
Peregrine Falcon	<i>Falco peregrinus</i>	
1 at the Grand Canyon		
Common Moorhen	<i>Gallinula chloropus</i>	
1 at Patagonia Lake SP and Sierra Vista EOP; 4 at Sweetwater Ponds - 4/3		
American Coot	<i>Fulica americana</i>	
Common in wetlands - 35+/4		
Semi-palmated Plover	<i>Charadrius semipalmatus</i>	
1 migrant at Willcox Playa		
Killdeer	<i>Charadrius vociferus</i>	
12 at Red Rocks Cattle Pens; 8 at Green Valley WWTP; 3 at Wilcox Playa and Sweetwater - 12/6		
Black-necked Stilt	<i>Himantopus mexicanus</i>	
12 at Willcox Playa		
American Avocet	<i>Recurvirostra americana</i>	
7 at Willcox Playa		

Greater Yellowlegs	<i>Tringa melanoleuca</i>	
1 Green Valley WWTP		
Spotted Sandpiper	<i>Actitis macularia</i>	
3 at Green Valley WWTP and 1 at Willcox Playa - 3/2		
Western Sandpiper	<i>Calidris mauri</i>	
6 at Green Valley WWTP; 15 at Willcox Playa - 15/2		
Least Sandpiper	<i>Calidris minutilla</i>	
12 at Willcox Playa; 2 at Sierra Vista EOP - 12/2		
Baird's Sandpiper	<i>Calidris bairdii</i>	
1 at Willcox Playa		
Short-billed Dowitcher	<i>Limnodromus griseus</i>	
1 at Green Valley WWTP		
Long-billed Dowitcher	<i>Limnodromus scolopaceus</i>	
3 at Willcox Playa; 2 at Green Valley WWTP		
Wilson's Phalarope	<i>Phalaropus tricolor</i>	
2 at Green Valley WWTP; 70+ at Willcox Playa - 7-+1/2		
Ring-billed Gull	<i>Larus delawarensis</i>	
1 at Willcox Playa		
California Gull	<i>Larus californicus</i>	
1 1st year bird at Willcox Playa		
Rock Pigeon	<i>Columba livia</i>	
Seen on most days - 25+/10		
Band-tailed Pigeon	<i>Columba fasciata</i>	
1 at Cave Creek Ranch and 5 flying by the George Walker House - 5/2		
Eurasian Collared Dove	<i>Streptopelia decaocto</i>	
1 at the Desert Botanical Gardens; 5 at Red Rocks and 1 at San Pedro Inn - 5/3		
White-winged Dove	<i>Zenaida asiatica</i>	
Very common, in the thousands at Red Rocks Cattle Pens - 1000's/13		
Mourning Dove	<i>Zenaida macroura</i>	
Common seen daily - 30+/14		
Inca Dove	<i>Columbina inca</i>	
Small numbers at Paton's, Red Rocks and Douglas - 8/4		
Common Ground-Dove	<i>Columbina passerina</i>	
1 at Kino Springs; 3 at San Pedro House - 3/3		
Ruddy Ground-Dove	<i>Columbina talpacoti</i>	
A male and female at Red Rocks Cattle Pens - 2/1		
Yellow-billed Cuckoo	<i>Coccyzus americanus</i>	
1 at Patagonia Lake SP and San Pedro House; Heard at California Gulch - 2/4		
Greater Roadrunner	<i>Geococcyx californianus</i>	
Several on the way to California Gulch, San Pedro Inn and on Foothills Road - 5/3		
Whiskered Screech-Owl	<i>Otus trichopsis</i>	
The barking vocalizations were heard in the Chiricahua's. This being the race <i>aspersus</i>		
Great Horned Owl	<i>Bubo virginianus</i>	
1 juvenile at San Pedro House and an adult at San Pedro Inn. These being the race <i>pallascens</i>		
Elf Owl	<i>Micrathene whitneyi</i>	
1 shot out of the back of a telegraph pole at Santa Rita Lodge in Madera Canyon, leaving everyone dissatisfied! 1 was heard calling outside our cabin at 11:20pm		
Spotted Owl	<i>Strix occidentalis</i>	
1 in Scheelite Canyon. This being the 'Mexican' race <i>lucida</i> .		
Lesser Nighthawk	<i>Chordeiles acutipennis</i>	
50+ at Desert Botanical Gardens in Phoenix; 12 at a Tucson driving range - 50+/3		
Common Poorwill	<i>Phalaenoptilus nuttallii</i>	
2 calling California Gulch; 1 more than likely on Proctor Road; 1 on Foothills Road - 2/3		
Whip-poor-will	<i>Caprimulgus vociferus</i>	
1 seen on Ramsey Canyon Road and several heard, all of the the 'mexican' race.		
White-throated Swift	<i>Aeronautes saxatalis</i>	
20+ at the Grand Canyon; up to 35+ at Barfoot - 35+/3		
Broad-billed Hummingbird	<i>Cynanthus latirostris</i>	
Common in the Santa Rita's and Huachuca's - 30+/6		

White-eared Hummingbird	<i>Hylocharis leucotis</i>	
1 male at Beatty's B&B		
Berylline Hummingbird	<i>Amazilia beryllina</i>	
1 just below Ramsey Canyon Nature Center. 1 hybrid berylline/magnificent at As Canyon B&B		
Violet-crowned Hummingbird	<i>Amazilia violiceps</i>	
1 at Paton's		
Blue-throated Hummingbird	<i>Lampornis clemenciae</i>	
Common at Portal and Cave Creek; Several at Beatty's; 1 female at the Chapuporosa House - 10/7		
Magnificent Hummingbird	<i>Eugenes fulgens</i>	
1 at Santa Rita Lodge; 2 at Beatty's - 2/4		
Lucifer Hummingbird	<i>Calothorax lucifer</i>	
1 male and a female at Ash Canyon B&B		
Black-chinned Hummingbird	<i>Archilochus alexandri</i>	
The most common hummer - 25+/10		
Anna's Hummingbird	<i>Calypte anna</i>	
Several seen at Paton's, Beatty's and Ash Canyon B&B - 15+/3		
Costa's Hummingbird	<i>Calypte costae</i>	
1 juvenile at Cave Creek		
Calliope Hummingbird	<i>Stellula calliope</i>	
2 at Beatty's; 1 at Cave Creek Ranch - 2/2		
Broad-tailed Hummingbird	<i>Selasphorus platycercus</i>	
Up to 8 around San Francisco Peaks and ASDM; 30+ at Beatty's; 1 at San Pedro Inn - 30+/8		
Rufous Hummingbird	<i>Selasphorus rufus</i>	
A few at Rio de Flag; 10+ at Beatty's; 1 at Cave Creek - 10+/9		
Elegant Trogon	<i>Trogon elegans</i>	
5 in Garden Canyon including a juvenile being feed; 3 in Madera Canyon - 5/3		
Lewis's Woodpecker	<i>Melanerpes lewis</i>	
4 at Rio de Flag		
Acorn Woodpecker	<i>Melanerpes formicivorus</i>	
A common sight at the feeders - 30+/9		
Gila Woodpecker	<i>Melanerpes uropygialis</i>	
Common in the lowlands - 25+/6		
Williamson's Sapsucker	<i>Sphyrapicus thyroideus</i>	
2 males along Hart's Prairie Road		
Ladder-backed Woodpecker	<i>Picoides scalaris</i>	
1 at San Pedro House, Desert Botanical Gardens, Paton's and San Pedro Inn. 2 at California Gulch and 2 at Fort Huachuca - 2/6		
Downy Woodpecker	<i>Picoides pubescens</i>	
1 at Oak Creek Canyon		
Hairy Woodpecker	<i>Picoides villosus</i>	
Seen in upper elevation forests in San Francisco Peaks, Grand Canyon and Chiricahua's - 3/4		
Arizona Woodpecker	<i>Picoides arizonae</i>	
3 at Sawmill Canyon and 1 at Cave Creek Ranch - 3/2		
Northern Flicker	<i>Colaptes auratus</i>	
This being the 'red-shafted' race. Widespread - 9/8		
Gilded Flicker	<i>Colaptes chrysoides</i>	
1 in the Saguaro National Park		
Northern Beardless-Tyrannulet	<i>Camptostoma imberbe</i>	
2 at Patagonia Lake State Park		
Greater Pewee	<i>Contopus pertinax</i>	
1 at Barfoot/Rustler junction		
Western Wood-Pewee	<i>Contopus sordidulus</i>	
Abundant in some areas. 2 nests seen - 50+/9		
Cordilleran Flycatcher	<i>Empidonax occidentalis</i>	
Individuals at Madera Canyon, and in Chiricahua's - 1/4		
Buff-breasted Flycatcher	<i>Empidonax fulvifrons</i>	
4 in Sawmill Canyon		
Black Phoebe	<i>Sayornis nigricans</i>	
A few seen in most places with running water - 6/7		

Say's Phoebe	<i>Sayornis saya</i>	
	3 in Valle; 1 in Hart's Prairie; 4 at Fort Huachuca; 2 at San Pdero Inn; 1 at Paridise Cemetary - 4/5	
Vermillion Flycatcher	<i>Pyrocephalus rubinus</i>	
	Common around lowland water - 8/4	
Dusky-capped Flycatcher	<i>Myiarchus tuberculifer</i>	
	The plaintive call heard in Madera and Sawmill Canyons - 3/3	
Ash-throated Flycatcher	<i>Myiarchus cinerascens</i>	
	1 heard at Paton's	
Brown-crested Flycatcher	<i>Myiarchus tyrannulus</i>	
	2 at Patons and the ASDM and 1 on Madera Canyon Road - 2/3	
Sulphur-bellied Flycatcher	<i>Myiodynastes luteiventris</i>	
	Good numbers in Garden Canyon, Madera Canyon; heard at San Pedro House - 10+/4	
Tropical Kingbird	<i>Tyrannus melancholicus</i>	
	1 at Kino Springs and 1 at San Pedro Inn	
Cassin's Kingbird	<i>Tyrannus vociferans</i>	
	Widespread - 30+/7	
Thick-billed Kingbird	<i>Tyrannus crassirostris</i>	
	1 in California Gulch; 1 at Paton's	
Western Kingbird	<i>Tyrannus verticalis</i>	
	Widespread - 10+/9	
Loggerhead Shrike	<i>Lanius ludovicianus</i>	
	1 along Madera Canyon Road and 1 at the San Pedro Inn	
Bell's Vireo	<i>Vireo bellii</i>	
	Several heard and seen at Patagonia Lake SP and 1 ratty looking one singing at Florida Wash - 9/2	
Plumbeous Vireo	<i>Vireo plumbeus</i>	
	Small numbers in upper elevations - 3/6	
Hutton's Vireo	<i>Vireo huttoni</i>	
	1 near the Kubo House; several in the Huachuca's and Chiricahua's - 5/4	
Warbling Vireo	<i>Vireo gilvus</i>	
	1 along Oak Creek Canyon and 1 seen very well on the road to Paradise	
Steller's Jay	<i>Cyanocitta stelleri</i>	
	Common in upper elevations - 10+/6	
Western Scrub-Jay	<i>Aphelocoma californica</i>	
	Up to 5 around Hart's Prairie; 5 at Patagonia Lake SP at 3 in Paradise - 5/4	
Mexican Jay	<i>Aphelocoma ultramarina</i>	
	Common in the sky islands - 30+/7	
Clark's Nutcracker	<i>Nucifraga columbiana</i>	
	3 in the San Francisco Peaks	
American Crow	<i>Corvus brachyrhynchos</i>	
	Common from Flagstaff to Grand Canyon - 20+/3	
Chihuahuan Raven	<i>Corvus cryptoleucus</i>	
	Widespread in desert - 9/10	
Common Raven	<i>Corvus corax</i>	
	Common around Grand Canyon and San Fransisco Peaks; a few in the Chiricahua's - 35+/6	
Horned Lark	<i>Eremophila alpestris</i>	
	1 crossing in front of the van north of Flagstaff	
Purple Martin	<i>Progne subis</i>	
	8 at Saguaro NP; Individuals around Ruby Road and Willcox playa - 8/3	
Tree Swallow	<i>Tachycineta bicolor</i>	
	Small numbers - 8/6	
Violet-green Swallow	<i>Tachycineta thalassina</i>	
	Common at upper elevations and good numbers on the wires at Fort Huachuca - 100+/ 7	
Northern Rough-winged Swallow	<i>Stelgidopteryx serripennis</i>	
	Singles at Kino Springs, San Pedro Inn, Willcox Playa and Sweetwater Wetlands - 1/4	
Cliff Swallow	<i>Petrochelidon pyrrhonota</i>	
	20+ at San Pedro Inn; 8 at Willcox Playa and 4 at Sweetwater Wetlands - 20+/3	
Barn Swallow	<i>Hirundo rustica</i>	
	Widespread in lowlands - 30+/8	

Mountain Chickadee	<i>Poecile gambeli</i>	
	Small numbers in the Grand Canyon and San Fransisco Peaks - 20/2	
Mexican Chickadee	<i>Poecile sclateri</i>	
	1 at the junction of 181/Paradise - 1/2	
Bridled Titmouse	<i>Baeolophus wollweberi</i>	
	Common at feeders in sky islands - 30+/4	
Juniper Titmouse	<i>Baeolophus ridgwayi</i>	
	1 at Paradise Cemetary, George Waker House and 2 at Cave Creek Ranch - 3/2	
Verdin	<i>Auriparus flaviceps</i>	
	A few here and there in the desert - 5/5	
Bushtit	<i>Psaltriparus minimus</i>	
	Small flocks in sky islands and at Grand Canyon - 35+/6	
Red-breasted Nuthatch	<i>Sitta canadensis</i>	
	Singles at Grand Canyon and San Fransisco Peaks and heard in Chiricahua's - 1/4	
White-breasted Nuthatch	<i>Sitta carolinensis</i>	
	Common and widespread in upper elevations - 10+/12	
Pygmy Nuthatch	<i>Sitta pygmaea</i>	
	Common at Grand Canyon, Rio de Flag and San Fransisco Peaks and at Barfoot - 40+/4	
Brown Creeper	<i>Certhia americana</i>	
	3 in San Fransisco Peaks; brilliant looks in eth Chiricahua's -5/3	
Cactus Wren	<i>Campylorhynchus brunneicapillus</i>	
	Common in the desert - 25+/10	
Rock Wren	<i>Salpinctes obsoletus</i>	
	2 in the Grand Canyon	
Canyon Wren	<i>Catherpes mexicanus</i>	
	Heard at the Grand Canyon and California Gulch; 6 in Scheelite Canyon - 6/3	
Bewick's Wren	<i>Thryomanes bewickii</i>	
	3 in Garden Canyon, individuals at ASDM, Patagonia Lake SP and the Chiricahua's - 3/5	
House Wren	<i>Troglodytes aedon</i>	
	5 at Snow Bowl and 4 along Hart's Prairie Raod - 5/2	
Blue-gray Gnatcatcher	<i>Poliottila caerulea</i>	
	Heard at Desert Botanical Gardens and 2 at Hart's Prairie - 2/1	
Black-tailed Gnatcatcher	<i>Poliottila melanura</i>	
	2 at Desert Botanical Gardens, 4 at ASDM, 1 at Florida Wash and Sweetwater - 4/5	
Black-capped Gnatcatcher	<i>Poliottila nigriceps</i>	
	1 male on a nest at Patagonia Lake SP	
Western Bluebird	<i>Sialia mexicana</i>	
	Common around San Fransisco Peaks and 4 near Barfoot - 80+/4	
Mountain Bluebird	<i>Sialia currucoides</i>	
	1 near Valle post office	
Townsend's Solitaire	<i>Myadestes townsendi</i>	
	1 at Oak Creek Vista	
Hermit Thrush	<i>Catharus guttatus</i>	
	1 at Hart's Prairie and singles in the Chiricahua's - 1/3	
American Robin	<i>Turdus migratorius</i>	
	Common and widespread - 20+/8	
Northern Mockingbird	<i>Mimus polyglottos</i>	
	Widespread in small numbers - 10+/6	
Curve-billed Thrasher	<i>Toxostoma curvirostre</i>	
	Common in the desert - 10/11	
Crissal Thrasher	<i>Toxostoma crissale</i>	
	1 along the wash on Foothills Road	
European Starling	<i>Sturnus vulgaris</i>	
	Not as many as one would expect - 6/5	
Phainopepla	<i>Phainopepla nitens</i>	
	Small numbers at ASDM, California Gulch, Kino Springs, Patagonia and Chiricahua's - 3/5	
Lucy's Warbler	<i>Vermivora luciae</i>	
	1 at Florida Wash	

Yellow Warbler	<i>Dendroica petechia</i>	
1 at Oak Creek Canyon; 3 at Patagonia Lake SP; 4 at San Pedro Inn; 6 at Sweetwater - 6/5		
Yellow-rumped Warbler	<i>Dendroica coronata</i>	
8 at the Grand Canyon and 4 in the San Fransisco Peaks all the race ' audubonii"		
Black-throated Gray Warbler	<i>Dendroica nigrescens</i>	
3 at the Grand Canyon and 3 at Madera Canyon - 3/2		
Hermit Warbler	<i>Dendroica occidentalis</i>	
1 in Patagonia and 1 at Barfoot/Rustler junction		
Grace's Warbler	<i>Dendroica graciae</i>	
2 at the Barfoot/Rustler junction		
Common Yellowthroat	<i>Geothlypis trichas</i>	
Common in desert wetlands - 5/4		
Wilson's Warbler	<i>Wilsonia pusilla</i>	
1 along the San Pedro		
Red-faced Warbler	<i>Cardellina rubrifrons</i>	
Stunning look at 1 at the 181/Paradise junction		
Painted Redstart	<i>Myioborus pictus</i>	
Seen well in the sky islands - 6/5		
Yellow-breasted Chat	<i>Icteria virens</i>	
1 singing in the open at Paton's; 3 at Patagonia Lake SP and 4 at San Pedro House - 4/3		
Hepatic Tanager	<i>Piranga flava</i>	
1 in Madera Canyon; 2 along Garden Canyon and 2 at Ramsey Canyon - 2/3		
Summer Tanager	<i>Piranga rubra</i>	
Widespread in small numbers - 4/6		
Western Tanager	<i>Piranga ludoviciana</i>	
Widespread though more common in the north - 10+/6		
Flame-colored Tanager	<i>Piranga bidentata</i>	
Did Chuck hear one at the Kubo house?		
Green-tailed Towhee	<i>Pipilo chlorurus</i>	
3 along Hart's Prairie Road		
Spotted Towhee	<i>Pipilo maculatus</i>	
Small numbers in the north and the Huachuca's; 1 at Cave Creek Ranch - 4/5		
Canyon Towhee	<i>Pipilo fuscus</i>	
Good numbers in the Chiricahua's - 12+/3		
Abert's Towhee	<i>Pipilo aberti</i>	
1 at Desert Botanical Gardens and at San Pedro Inn; 2 at Sweetwater Wetlands - 2/3		
Rufous-winged Sparrow	<i>Aimophila carpalis</i>	
1 in the grasslands along Madera Canyon Road		
Cassin's Sparrow	<i>Aimophila cassinii</i>	
Frequently heard in the grasslands; 3 seen well along Madera Canyon Road - 3/3		
Botteri's Sparrow	<i>Aimophila botterii</i>	
Seen very well in the grasslands - 8/4		
Rufous-crowned Sparrow	<i>Aimophila ruficeps</i>	
3 along Madera Canyon Road and 4 at the San Pedro House - 4/2		
Five-striped Sparrow	<i>Aimophila quinquestriata</i>	
This is the target species in California Gulch - 4/1		
Chipping Sparrow	<i>Spizella passerina</i>	
A few around the San Fransisco Peaks - 8/3		
Lark Sparrow	<i>Chondestes grammacus</i>	
Widespread small groups - 30+/6		
Black-throated Sparrow	<i>Amphispiza bilineata</i>	
A few at the ASDM, Florida Wash, San Pedro Inn and Foothills Road - 8/5		
Lark Bunting	<i>Calamospiza melanocorys</i>	
On passage through the grasslands along Madera Canyon Road and Foothills Road - 35+/2		
Song Sparrow	<i>Melospiza melodia</i>	
Common near desert wetlands in particular Sweetwater Wetlands - 7/4		
Dark-eyed Junco	<i>Junco hyemalis</i>	
Seen around Hart's Prairie, these being the 'red backed ' race dorsalis - 30+/2		

Yellow-eyed Junco	<i>Junco phaeonotus</i>	
1 in Sawmill Canyon and small numbers at Barfoot Park - 15+/2		
Northern Cardinal	<i>Cardinalis cardinalis</i>	
Small numbers at lower elevations - 6/7		
Pyrrhuloxia	<i>Cardinalis sinuatus</i>	
1 at ASDM; 2 at Patagonia Lake SP and 2 at Chiricahua National Monument - 2/3		
Black-headed Grosbeak	<i>Pheucticus melanocephalus</i>	
Widespread - 30+/11		
Blue Grosbeak	<i>Guiraca caerulea</i>	
Common in the grasslands of the lowlands - 10+/7		
Lazuli Bunting	<i>Passerina amoena</i>	
20+ at Kino Springs; 6 at Sierra Vista EOP; 3 at San Pedro Inn; 1 at Foothills Road - 20+/5		
Indigo Bunting	<i>Passerina cyanea</i>	
1 at San Pedro House		
Varied Bunting	<i>Passerina versicolor</i>	
1 at ASDM; 15+ at California Gulch; 2 at Florida Wash; 1 on the road to Paradise - 15+/4		
Red-winged Blackbird	<i>Agelaius phoeniceus</i>	
Common in wetlands - 25+/5		
Eastern Meadowlark	<i>Sturnella magna</i>	
2 north of Patagonia; 8 at San Pedro Inn - 8/2		
Western Meadowlark	<i>Sturnella neglecta</i>	
A few in the north - 3/3		
Yellow-headed Blackbird	<i>Xanthocephalus xanthoceph</i>	
10+ at Sierra Vista EOP		
Brewer's Blackbird	<i>Euphagus cyanocephalus</i>	
1 in Sierra Vista flying past the entrance to our hotel		
Great-tailed Grackle	<i>Quiscalus mexicanus</i>	
Seen in most lower elevations and in cities - 35+/13		
Bronzed Cowbird	<i>Molothrus aeneus</i>	
2 at Red Rocks Cattle Pens; 2 at Fort Huachuca; 2 at Patons; 2 at Patagonia - 2/4		
Brown-headed Cowbird	<i>Molothrus ater</i>	
Small numbers in the lowlands - 25+/8		
Hooded Oriole	<i>Icterus cucullatus</i>	
1 at the Tucson hotel; 1 at ASDM, 2 in California Gulch 1 at Kino Springs; 1 at Portal - 2/4		
Bullock's Oriole	<i>Icterus bullockii</i>	
3 in Oak Creek Canyon		
Scott's Oriole	<i>Icterus parisorum</i>	
1 in upper Garden Canyon and 5 on the road to Paradise - 5/2		
House Finch	<i>Carpodacus mexicanus</i>	
Widespread. 30+/13		
Red Crossbill	<i>Loxia curvirostra</i>	
2 heard at Snow Bowl; 2 seen very well on the road to Onion Saddle; and numerous heard at the Barfoot/Rustler junction - 2/3		
Pine Siskin	<i>Carduelis pinus</i>	
7 at Rio de Flag; 10+ at Hart's Prairie; small numbers in the Chiricahua's - 10+/6		
Lesser Goldfinch	<i>Carduelis psaltria</i>	
Widespread - 100+/13		
House Sparrow	<i>Passer domesticus</i>	
Widespread in small numbers - 20+/11		
207 species		

Systematic List Number 2 ~ MAMMALS	
The taxonomy and nomenclature is taken from Mammals of North America by R. Kays and D. Wilson (2002)	
Long-nosed or Long-tongued Bat sp	
Several seen around the Kubo House in Madera Canyon	
Western Pipistrelle	<i>Pipistrellus hesperus</i>
About a dozen presumably of this species in California Gulch	
Bobcat	<i>Lynx rufus</i>
1 attempting to cross the road just outside Cave Creek	
Coyote	<i>Canis latrans</i>
2 north of Flagstaff; 1 in Tucson and a group heard howling in the Chiracahua's	
Western Spotted Skunk	<i>Spilogale gracilis</i>
1 just below Santa Rita Lodge	
Western Hog-nosed Skunk	<i>Conepatus mesoleucus</i>
1 just below Santa Rita Lodge	
Striped Skunk	<i>Mephitis mephitis</i>
A couple at Santa Rita Lodge and in the Chiracahua's	
Abert's Squirrel	<i>Sciurus aberti</i>
1 at Rio de Flag	
Arizona Gray Squirrel	<i>Sciurus arizonensis</i>
Common in Madera Canyon and several in the San Pedro area	
Red Squirrel	<i>Tamiasciurus hudsonicus</i>
1 in the San Francisco Peaks	
Rock Squirrel	<i>Spermophilus variegatus</i>
Common at the Grand Canyon; 10+ in Madera Canyon and singles in the Chiracahua's	
Round-tailed Ground Squirrel	<i>Spermophilus tereticaudus</i>
Up to a dozen seen around the Red Rocks cattle pens	
Harris's Antelope Squirrel	<i>Ammospermophilus harrisi</i>
Individuals at the Arizona Sonoran Desert Museum and at Cave Creek	
Golden-mantled Ground Squirrel	<i>Spermophilus lateralis</i>
2 at Snow Bowl and 2 others at Lockett's Meadow	
Gray-collared Chipmunk	<i>Tamias cinereicollis</i>
3 at Rio de Flag	
Cliff Chipmunk	<i>Tamias dorsalis</i>
At least 4 very confident ones at Cave Creek	
Southern Pocket Gopher	<i>Thomomys umbrinus</i>
1 digging his hole in the middle of the road at Santa Rita Lodge	
Pocket Mouse sp	
A number seen crossing the roads at nights	
Mexican Woodrat	<i>Neotoma magister</i>
1 at the Cave Creek feeders	
Desert Cottontail	<i>Sylvilagus audubonii</i>
Common - 15/10	
Eastern Cottontail	<i>Sylvilagus floridanus</i>
1 at Fort Huachuca and 2 at the San Pedro House	
Antelope Jackrabbit	<i>Lepus alleni</i>
1 between Amado and Arivaca	
Black-tailed Jackrabbit	<i>Lepus californicus</i>
The common Jackrabbit in open deserts and grasslands - 2/4	
Pronghorn	<i>Antilocarpa americana</i>
30+ north of Flagstaff	
Collared Peccary	<i>Pecari tajacu</i>
A family group of 12 in Portal	
Elk	<i>Cervus elaphus</i>
A group of 21 near the Grand Canyon and 4 bulls just north of Flagstaff	
Mule Deer	<i>Odocoileus hemionus</i>
Widespread in the San Francisco Peaks and Santa Rita's, all of the Desert subspecies - 12+/5	
White-tailed Deer	<i>Odocoileus virginianus</i>
This is the 'Cous' race. Widespread in the sky islands - 9/8	
28 species	

Systematic List Number 3 ~ AMPHIBIANS & REPTILES		
The taxonomy and nomenclature is taken from Western Reptiles and Amphibians by R. Stebins (1985)		
Southwestern Woodhouse Toad	<i>Bufo woodhousei</i>	
1 at the San Pedro House and 1 at San Pedro Inn		
Great Plains Toad	<i>Bufo cognatus</i>	
1 on the road between Portal and Rodeo		
Sonoran Desert Toad	<i>Bufo alvarius</i>	
Several along Florida Wash south of Santa Rita Lodge and 1 near Rodeo		
Canyon Treefrog	<i>Hyla arenicolor</i>	
1 at Sawmill Canyon that made Chuck jump!		
Bullfrog	<i>Rana catesbeiana</i>	
Singles seen at Patagonia Lake State Park and San Pedro Inn as well as a few vocal ones		
Western Painted Turtle	<i>Chrysemys picta belli</i>	
1 at Sweetwater Wetlands		
Desert Tortoise	<i>Gopherus agassizii</i>	
1 at the Phoenix Desert Botanical Gardens		
Sonoran Mud Turtle	<i>Kinosternon sonoriense</i>	
1 at San Pedro House		
Southwestern' Greater Earless Lizard	<i>Cophosaurus texanus</i>	
1 at the Arizona Sonoran Desert Museum		
Zebra-tailed Lizard	<i>Callisaurus draconoides</i>	
2 at the Arizona Sonoran Desert Museum and 1 at Sweetwater Wetlands		
Common Collared Lizard	<i>Crotaphytus collaris</i>	
1 on the drive through the Saguaro Desert to ASDM		
Desert Spiny Lizard	<i>Sceloporus magister</i>	
1 at the Phoenix Desert Botanical Gardens		
Eastern Fence Lizard	<i>Sceloporus undulates</i>	
Several around the Grand Canyon		
Eastern Fence 'South Prairie' Lizard	<i>Sceloporus undulates consobrinus</i>	
Several around the Grand Canyon		
Mountain 'Yarrow' Spiny Lizard	<i>Sceloporus jarrovii</i>	
Common in upper elevations sky islands - 4/3		
Side-blotched Lizard	<i>Uta stansburiana</i>	
A couple seen at the Grand Canyon		
Short-horned Horned Lizard	<i>Phrynosoma douglassii</i>	
1 baby in the Hart's Prairie of the San Francisco Peaks		
Great Plains Skink	<i>Eumeces obsoleyus</i>	
1 in Arthur & Brenda's kitchen at Cave Creek		
Western ' Arizona Desert' Whiptail	<i>Cnemidophorus tigris</i>	
Common at Sweetwater Wetlands		
Desert Grassland Whiptail	<i>Cnemidophorus uniparens</i>	
Common along the San Pedro and the lower elevation just outside the Chiracahua's - 10+/3		
Gila 'Spotted' Striped Whiptail	<i>Cnemidophorus flagellicaudus</i>	
1 at the Phoenix Desert Botanical Gardens		
Common 'Desert' Kingsnake	<i>Lampropeltis getulus splendida</i>	
1 six footer at Sweetwater Wetlands		
Tiger Rattlesnake	<i>Crotalus tigris</i>	
1 about 30" long between California Gulch and Arivaca		
23 species		

Systematic List Number 4 ~ BUTTERFLIES	
The taxonomy and nomenclature is taken from Butterflies of Arizona by B. Stewart, P. Brodtkin & H. Brodtkin (2001)	
Black Swallowtail	<i>Papilio polyxenes</i>
1 caterpillar at the Patagonia butterfly garden; 1 at San Pedro House	
Two-tailed Swallowtail	<i>Papilio multicaudata</i>
The Arizona State butterfly, seen along streams in the lower mountain canyons of the Huachuca's and Chiricahua's - 3/6	
Giant Swallowtail	<i>Papilio cresphontes</i>
1 in Douglas	
Pipevine Swallowtail	<i>Battus philenor</i>
Seen daily in and around the sky islands in small numbers - 8+/8	
Checkered White	<i>Pontia protodica</i>
1 at Grand Canyon; 3 at San Pedro House	
Orange Sulphur	<i>Colias eurytheme</i>
Widespread - 4/7	
Clouded Sulphur	<i>Colias philodice</i>
1 along Oak Creek Canyon; 2 at ASDM; 8 at San Pedro Inn - 11/3	
Lyside Sulphur	<i>Kricogonia lyside</i>
20+ at ASDM; small numbers at California Gulch, Kino Springs and Patagonia butterfly garden - 20+/4	
Cloudless Sulphur	<i>Phoebis sennae</i>
Widespread - 4/9	
Dainty Sulphur	<i>Nathalis iole</i>
4 at Hart's Prairie	
Siva' Juniper Hairstreak	<i>Callophrys gryneus siva</i>
1 at Sawmill Canyon	
Canyon' Bramble Hairstreak	<i>Callophrys dumetorum apama</i>
1 at Oak Creek Vista	
Western Pygmy Blue	<i>Brephidium exile</i>
1 at San Pedro Inn	
Spring Azure	<i>Celastrina ladon</i>
5 along Oak Creek Canyon; 6 at San Francisco Peaks and 2 at Sawmill Canyon - 6/3	
Ceraunus Blue	<i>Hemiargus ceraunus</i>
1 at San Pedro House	
Melissa Blue	<i>Lycaeides melissa</i>
1 at Hochderffer Ranch burnt area	
Fatal Metalmark	<i>Calephelis nemesis</i>
1 at Patagonia Lake SP	
Zela Metalmark	<i>Emesis zela</i>
1 along Oak Creek; 5 at Chapuporosa Inn and 1 at Kino Springs - 5/3	
Gulf Fritillary	<i>Agraulis vanillae</i>
Individulas at ASDM and Patagonia butterfly garden	
Atlantis Fritillary	<i>Speyeria atlantis</i>
3 in the San Francisco Peaks	
Bordered Patch	<i>Chlosyne lacina</i>
30+ in Sawmill Canyon; 1 at Ramsey Canyon and 1 at San Pedro Inn	
Mourning Cloak	<i>Nymphalis antiopa</i>
1 along Oak Creek; 1 at Hart's Prairie and 25+ in Garden Canyon	
Painted Lady	<i>Vanessa cardui</i>
1 in the Chiricahua's	
Common Buckeye	<i>Junonia coenia</i>
2 at Sawmill Canyon	
Weidemeyer's Admiral	<i>Limenitis weidemeyerii</i>
1 at Lockett's Meadow	
California Sister	<i>Adelpha bredowii</i>
Seen in Madera Canyon, Garden Canyon and Chiricahua's - 8/4	
Empress Leilia	<i>Asterocampa celtis</i>
1 at Patagonia Lake SP	

Canyonland Satyr	<i>Cylopsis pertepida</i>	
2 at Sawmill Canyon		
Red Satyr	<i>Megisto rubricata</i>	
1 at Sawmill Canyon and 1 at Ramsey Canyon		
Monarch	<i>Danaus plexippus</i>	
3 at the Grand Canyon and 4 at the San Pedro Inn		
Queen	<i>Danaus gilippus</i>	
Widespread - 20+/8		
Dull Firetip	<i>Pyrrhopyge araxes</i>	
5 at Chapuporosa Inn; 1 at Sawmill Canyon		
Arizona Skipper	<i>Codattractus arizonensis</i>	
2 at the Chapuporosa Inn		
Golden-banded Skipper	<i>Autochton cellus</i>	
6 in Madera Canyon		
Northern Cloudywing	<i>Thorybes pylades</i>	
3 in Madera Canyon and 4 the San Pedro Inn		
Arizona' Juvenal's Duskywing	<i>Erynnis juvenalis clitus</i>	
2 at Sawmill Canyon		
Small Checkered-Skipper	<i>Pyrgus sciptura</i>	
1 at the San Pedro House		
Common Checkered-Skipper	<i>Pyrgus communis</i>	
2 at San Pedro House		
Common Sootywing	<i>Pholisora catullus</i>	
6 at Chapuporosa Inn		
Sachem	<i>Atalopedes campestris</i>	
1 at San Pedro House		
	40 species	
Systematic List Number 5 ~ DRAGONFLIES		
The taxonomy and nomenclature is taken from Dragonflies though Binoculars by S. Dunkle (2000)		
Common Green Darner	<i>Anax junius</i>	
1 at Patagonia Lake State Park and 4 at Sweetwater Wetlands		
Widow Skimmer	<i>Libellula luctuosa</i>	
1 at Kingfisher Pond at the San Pedro House		
Flame Skimmer	<i>Libellula saturata</i>	
2 at Kingfisher Pond at the San Pedro House		
Comanche Skimmer	<i>Libellula comanche</i>	
30+ at Sweetwater Wetlands - males being blue-gray and females yellow-black		
Roseate Skimmer	<i>Orthemis ferruginea</i>	
2 at Sweetwater Wetlands		
Western Pondhawk	<i>Erythemis collocata</i>	
Several seen at Kingfisher Pond at the San Pedro House		
Wandering Glider	<i>Panatala flavescens</i>	
At least 2 at Sweetwater Wetlands - these being the large yellow ones that hover endlessly		
Black Saddlebags	<i>Tamea lacerata</i>	
At least 8 at Sweetwater Wetlands		
Red Saddlebags	<i>Tamea onusta</i>	
1 at Kino Springs and several at Sweetwater Wetlands		
	9 species	
OTHERS		
Tarantula		
Singles seen along the roads leading to Madera Canyon, Garden Canyon, Ruby Road and Portal		
White-lined Sphinx Moth		
A few seen in the Santa Rita and Chiracahua's		