

Trip Report and List of Known and Possible Species: DeHaven Ranch, Harding County, New Mexico: 30 June - 2 July and August 12-13, 2015 (Bird species are observed only, not possible species)

Mammals:

An asterisk (*) indicates those species detected during our survey. Other species listed have been reported from Harding County (Geluso, K. 2002. Records of Mammals from Harding County, New Mexico. Southwestern Naturalist 47:325-329), have been previously observed, or might be expected at DeHaven Ranch. Some bats in particular might occur at DeHaven only during migration. A question mark (?) indicates species reported from county but highly unlikely.

Mice and Rats:

White-toothed Woodrat (*Neotoma leucodon*) -- known from Mills Canyon area; possible in brushy or rocky areas.
Mexican Woodrat (*Neotoma mexicana*) – possible in wooded areas.
Southern Plains Woodrat (*Neotoma micropus*)* – three trapped in wood piles and in barn.
Northern Grasshopper Mouse (*Onychomys leucogaster*) – expected in prairie habitat.
Brush Deermouse (*Peromyscus boylii*)* – found on sandstone ledges above creek.
White-footed Deermouse (*Peromyscus leucopus*)* – found near creek and in barn.
North American Deermouse (*Peromyscus maniculatus*) – possible in wooded areas.
Pinyon Deermouse (*Peromyscus truei*) – possible in shrubby areas.
Western Harvest Mouse (*Reithrodontomys megalotis*) – expected in dense grassy areas.
Hispid Cotton Rat (*Sigmodon hispidus*) – expected in dense grassy areas.
Ord's Kangaroo Rat (*Dipodomys ordii*)* – found in open, soft-soiled fields.
Hispid Pocket Mouse (*Chaetodipus hispidus*) – expected in densely grassed areas.
Plains Pocket Mouse (*Perognathus flavescens*) – expected in prairie habitat.
Silky Pocket Mouse (*Perognathus flavus*) – expected in prairie habitat.
Hispid Pocket Mouse (*Chaetodipus hispidus*)* - typical Great Plains species found in tall grasses.
House Mouse (*Mus musculus*) – non-native; likely at residences and out-buildings in area.
Norway Rat (*Rattus norvegicus*) – non-native and rare; possible in irrigated farmland in area.

Squirrels and Other Rodents:

Black-tailed Prairie Dog (*Cynomys ludovicianus*) – historically common in area; persist in small colonies.
Thirteen-lined Ground Squirrel (*Ictidomys tridecemlineatus*) – expected in prairie habitat.
Colorado Chipmunk (*Neotamias quadrivittatus*) – known from Mills Canyon area; possible in wooded rocky areas farther east.
Rock Squirrel (*Otospermophilus variegatus*) – possible in rocky areas.
Spotted Ground Squirrel (*Xerospermophilus spilosoma*) – expected in prairie habitat.
Botta's Pocket Gopher (*Thomomys bottae*) – old pocket gopher mounds observed at ranch were likely of this species.
North American Porcupine (*Erethizon dorsatum*) – expected in wide range of habitats.

Rabbits and Hares:

Black-tailed Jackrabbit (*Lepus californicus*)* – one seen in west pasture. Likely common.
Desert Cottontail (*Sylvilagus audubonii*)* – at least one seen at ranch. Likely common.

Bats:

Pallid Bat (*Antrozous pallidus*)* -- maternity colony at ranch barn; also caught in bat net.
Townsend's Big-eared Bat (*Corynorhinus townsendii*) -- possible; known from Mills Canyon area.

Southwestern Myotis (*Myotis auricularis*) – possible; known from Mills Canyon area.
Western Small-footed Myotis (*Myotis ciliolabrum*) -- possible; known from Mills Canyon area.
Fringed Myotis (*Myotis thysanodes*) -- possible; known from Mills Canyon area.
Long-legged Myotis (*Myotis volans*) -- possible; known from Mills Canyon area.
Yuma Myotis (*Myotis yumanensis*) -- possible; known from Mills Canyon area.
Hoary Bat (*Lasiurus cinereus*) -- possible; known from near Roy.
Silver-haired Bat (*Lasionycteris noctivagans*) -- possible; known from Mills Canyon area.
Big Brown Bat (*Eptesicus fuscus*) -- possible; known from Mills Canyon area.
Brazilian Free-tailed Bat (*Tadarida brasiliensis*) -- possible; known from Mills Canyon area.
Big Free-tailed Bat (*Nyctinomops macrotis*) -- possible; known from Mills Canyon area.

Carnivores:

Coyote (*Canis latrans*)* – heard and often seen in area.
Swift Fox (*Vulpes velox*) – likely on ranch in shortgrass prairie.
Gray Fox (*Urocyon cinereoargenteus*) – expected in rocky or wooded areas.
Bobcat (*Lynx rufus*) – game camera photos at ranch.
Mountain Lion (*Puma concolor*) – observed by S. Brock at ranch. Not documented by specimen from county.
Jaguar (*Panthera onca*)? – there is an old (1900) dubious report from Ute Creek; not expected.
American Black Bear (*Ursus americanus*) – not documented by specimen from county; wanderers might occur in area.
Hognose Skunk (*Conepatus mesoleucus*) – game camera photos at ranch near creek.
Striped Skunk (*Mephitis mephitis*) – likely and possibly observed by DeHaven residents.
Spotted Skunk (*Spilogale gracilis*) -- known from Mills Canyon area; possible in rocky areas.
American Badger (*Taxidea taxus*) – expected in prairie habitat.
Northern Raccoon (*Procyon lotor*) – expected along creek.

Hoofed Mammals:

Pronghorn (*Antilocapra americana*)* -- observed in ranch vicinity.
Mule Deer (*Odocoileus hemionus*)* -- several seen including a doe with 2 fawns.
Bison (*Bos bison*) – although not documented by a specimen from county, they were certainly present historically.
Barbary Sheep, Aoudad (*Ammotragus lervia*) – non-native; introduced in Mills Canyon area; wanderers are sometimes seen on the plains.
Siberian Ibex (*Capra sibirica*)? – non-native and now almost certainly extinct in state; was introduced in Mills Canyon area, and wanderers onto plains were possible.

Amphibians and Reptiles:

An asterisk (*) indicates those species detected during our survey. Other species listed have been documented in Harding County (Degenhardt, W.G., C.W. Painter, and A.H. Price. 1996. Amphibians and Reptiles of New Mexico. University of New Mexico Press, Albuquerque) and might be expected at DeHaven Ranch.

Amphibians:

Tiger Salamander (*Ambystoma tigrinum*) – expected at ponds and wetlands, including temporary ones.

Couch's Spadefoot (*Scaphiopus couchii*) – expected in temporary ponds.

Plains Spadefoot (*Spea bombifrons*) -- expected in temporary ponds.

New Mexico Spadefoot (*Spea multiplicata*) -- expected in temporary ponds.

Great Plains Toad (*Anaxyrus cognatus*) -- expected in temporary ponds.

Red-spotted Toad (*Anaxyrus punctatus*) -- expected in rocky pools.

Woodhouse's Toad (*Anaxyrus woodhousii*)* – several seen near creek.

Canyon Treefrog (*Hyla arenicolor*) – possible in rocky areas of creek.

Boreal Chorus Frog (*Pseudacris maculata*) – expected in temporary ponds or other wetlands.

Plains Leopard Frog (*Lithobates blairii*)* – juvenile captured and photographed; this is the likely leopard frog in the area.

Reptiles:

Common Snapping Turtle (*Chelydra serpentina*) – likely in the creek; this is probably the turtle previously reported by DeHaven residents.

Western Box Turtle (*Terrapene ornata*) – we examined shells collected by S. Brock collected at ranch. Likely common in grasslands.

Pond Slider (*Trachemys scripta*) – known from Ute Creek and might occur in deeper pools on Alamocita Creek.

Yellow Mud Turtle (*Kinosternon flavescens*) – expected mainly in prairie ponds.

Eastern Collared Lizard (*Crotaphytus collaris*)* -- one of these large lizards seen; expected around rocky areas.

Common Lesser Earless Lizard (*Holbrookia maculata*) – one seen in west pasture; expected in grasslands.

Texas Horned Lizard (*Phrynosoma cornutum*)*-confirmed on ranch by photo from Stephanie.

Greater Short-horned Lizard (*Phrynosoma hernandesi*) – possible in grasslands on ranch.

Roundtail Horned Lizard (*Phrynosoma modestum*) – this small horned lizard is unlikely but possible on gravelly, open ground on ranch.

Prairie Lizard (*Sceloporus consobrinus*)* -- this is the common fence lizard in area, associated with prairies. Observed on buildings at ranch.

Six-lined Racerunner (*Aspidoscelis sexlineata*) – this is likely the common whiptail lizard on the ranch in grasslands.

Plateau Striped Whiptail (*Aspidoscelis velox*)* – documented on ranch.

Great Plains Skink (*Plestiodon obsoleta*)* -- one seen and a dead specimen of this lizard examined.

New Mexico Threadsnake (*Rena dissectus*) – expected in grassland or rocky areas.
Racer (*Coluber constrictor*) – expected in moist grasslands.
Ringneck Snake (*Diadophis punctatus*) – expected in moist grasslands.
Plains Hog-nosed Snake (*Heterodon nasicus*) – expected in grasslands.
Night Snake (*Hypsiglena jani*) – expected in rocky areas.
Desert Kingsnake (*Lampropeltis splendida*) – possible in grasslands or near creek.
Western Milksnake (*Lampropeltis gentilis*) – possible in grasslands.
Coachwhip (*Masticophis flagellum*)* -- two seen in wooded areas on ranch. Likely common.
Bullsnake, Gophersnake (*Pituophis catenifer*)* – one seen at ranch. Likely common.
Western Groundsnake (*Sonora semiannulata*) – possible in rocky areas.
Black-headed Gartersnake (*Thamnophis cyrtopsis*) – known from Ute Creek; expected in rockier areas along creek.
Wandering Gartersnake (*Thamnophis elegans*) -- known from Ute Creek; possible along creek.
Checkered Gartersnake (*Thamnophis marcianus*)* -- known from Ute Creek; we saw one along creek.
Western Ribbon Snake (*Thamnophis proximus*)* -- we found one pregnant female on creek; State Threatened; previously known from Ute Creek drainage.
Plains Gartersnake (*Thamnophis radix*) – known from Ute Creek drainage.
Western Diamondback Rattlesnake (*Crotalus atrox*)*-- mainly in rocky areas.
Prairie Rattlesnake (*Crotalus viridis*) – likely the common rattlesnake in grasslands on ranch.

Fishes:

A survey is needed for fishes as little information is available for this area of the Canadian River basin.

Longnose Dace (*Rhinichthys cataractae*)* – Common minnow in the creek;
Black Bullhead (*Ameiurus melas*)* young of year seen in creek in shallow pools Aug 13

Other fish seen in deep pools appeared to be bass and sunfish (unidentified and probably introduced).

Crustaceans:

Crayfish – There are two native crayfish in the Canadian River basin (*Orconectes causeyi* and *Orconectes deanae*; no common names). The ones in Alamo Creek have not been identified but could be one or both of these species. There is also the possibility that they are a different, non-native (introduced) species.

Dragonflies and Damselflies (Odonates):

An asterisk (*) indicates those 22 species detected during our survey, and NCR indicates a “new county record” for Harding County (15 species). Other species listed (6) which we didn’t see have been previously documented from Harding County and might be expected at DeHaven Ranch. This area of New Mexico has been rarely surveyed for odonates so most species detected in our survey were new for the county.

Dragonflies:

Common Green Darner (*Anax junius*)* – several seen on creek including mating pair. NCR
Blue-eyed Darner (*Rhionaeschna multicolor*)* – uncommon in July; common in August. NCR
Plains Clubtail (*Gomphus externus*) – previously reported from Harding Co.; not detected by us.
Sulfur-tipped Clubtail (*Gomphus militaris*)* – several seen along creek; initially IDed as Plains Clubtail.

Dot-winged Baskettail (*Epiptera petechialis*)* – a few seen near creek pools or in open areas; rarely found perched. NCR

Western Pondhawk (*Erythemis collocata*)* – a few seen near cattails. NCR

Comanche Skimmer (*Libellula comanche*)* – 1-2 males seen on creek. NCR

Widow Skimmer (*Libellula luctuosa*)* – a few seen along creek. NCR

Twelve-spotted Skimmer (*Libellula pulchella*)* – several seen along creek. NCR

Flame Skimmer (*Libellula saturata*)* – abundant near creek and in uplands.

Blue Dasher (*Pachydiplax longipennis*)* – abundant near cattails. NCR

Common Whitetail (*Plathemis lydia*)* – several seen along creek. NCR

Desert Whitetail (*Plathemis subornata*)* – common along creek in July; absent in August. NCR

Variegated Meadowhawk (*Sympetrum corruptum*)* – one observed in July; common in August. NCR

Black Saddlebags (*Tramea lacerata*)* – seen along creek, photo obtained. NCR.

Damselflies:

Great Spreadwing (*Archilestes grandis*) – previously reported from Harding Co.; not detected by us.

American Rubyspot (*Hetaerina americana*)* – abundant along creek.

Plateau Spreadwing (*Lestes alacer*)* – a few at west pasture pond. NCR

Spotted Spreadwing (*Lestes congener*) – previously reported from Harding Co.; not detected by us.

Northern Spreadwing (*Lestes disjunctus*) – previously reported from Harding Co.; not detected by us.

Variable Dancer (*Argia fumipennis*)* – a few seen on creek. NCR

Sooty Dancer (*Argia lugens*)* – 1-2 on creek on bedrock. NCR

Powdered Dancer (*Argia moesta*)* – 1-2 on creek on bedrock.

Aztec Dancer (*Argia nahuana*)* – a few on creek. NCR

Springwater Dancer (*Argia plana*)* – a few on creek.

Northern Bluet (*Enallagma annexum*) – previously reported from Harding Co.; not detected by us.

Familiar Bluet (*Enallagma civile*)* – common at west pasture pond and probably on creek

Arroyo Bluet (*Enallagma praevarum*) – previously reported from Harding Co.; not detected by us.

Forktails (*Ischnura* sp.) – detected in August; species not yet determined.

Birds

Bird list includes only those species seen or heard during 30 June-2 July and August 12-13 visits.

Mallard (*Anas platyrhynchos*)
Wild Turkey (*Meleagris gallopavo*)
American Kestrel (*Falco sparverius*)
Swainson's Hawk (*Buteo swainsoni*)
Turkey Vulture (*Cathartes aura*)
Virginia Rail (*Rallus limicola*)
Spotted Sandpiper (*Actitis macularius*)
Eurasian Collared Dove (*Streptopelia decaocto*)
Mourning Dove (*Zenaida macroura*)
White-winged Dove (*Zenaida asiatica*)
Rock Pigeon (*Columba livia*)
Great Horned Owl (*Bubo virginianus*)
Long-eared Owl (*Asio otus*)
Common Nighthawk (*Chordeiles minor*)
Broad-tailed Hummingbird (*Selasphorus platycercus*)
Black-chinned Hummingbird (*Archilochus alexandri*)
Northern Flicker (*Colaptes auratus*)
Ladderback Woodpecker (*Picoides scalaris*)
Ash-throated Flycatcher (*Myiarchus cinerascens*)
Cassin's Kingbird (*Tyrannus vociferans*)
Western Kingbird (*Tyrannus verticalis*)
Say's Phoebe (*Sayornis saya*)
Eastern Phoebe (*Sayornis phoebe*)
Western Wood Pewee (*Contopus sordidulus*)
Loggerhead Shrike (*Lanius ludovicianus*)
Common Raven (*Corvus corax*)
Western Scrub Jay (*Aphelocoma californica*)
Horned Lark (*Eremophila alpestris*)
Barn Swallow (*Hirundo rustica*)
Bewick's Wren (*Thryomanes bewickii*)
Rock Wren (*Salpinctes obsoletus*)
American Robin (*Turdus migratorius*)
Northern Mockingbird (*Mimus polyglottos*)
Curve-billed Thrasher (*Toxostoma curvirostre*)
Cedar Waxwing (*Bombycilla cedrorum*)
Yellow Warbler (*Setophaga petechial*)
Blue Grosbeak (*Passerina caerulea*)
Dickcissel (*Spiza americana*)
Spotted Towhee (*Pipilo maculatus*)
Grasshopper Sparrow (*Ammodramus savannarum*)
Cassin's Sparrow (*Peucaea cassinii*)
Chipping Sparrow (*Spizella passerina*)
Lark Sparrow (*Chondestes grammacus*)
Lark Bunting (*Calamospiza melanocorys*)
Western Meadowlark (*Sturnella neglecta*)
Common Grackle (*Quiscalus quiscula*)

Brown-headed Cowbird (*Molothrus ater*)
Red-winged Blackbird (*Agelaius phoeniceus*)
Bullock's Oriole (*Icterus bullockii*)
House Finch (*Haemorhous mexicanus*)