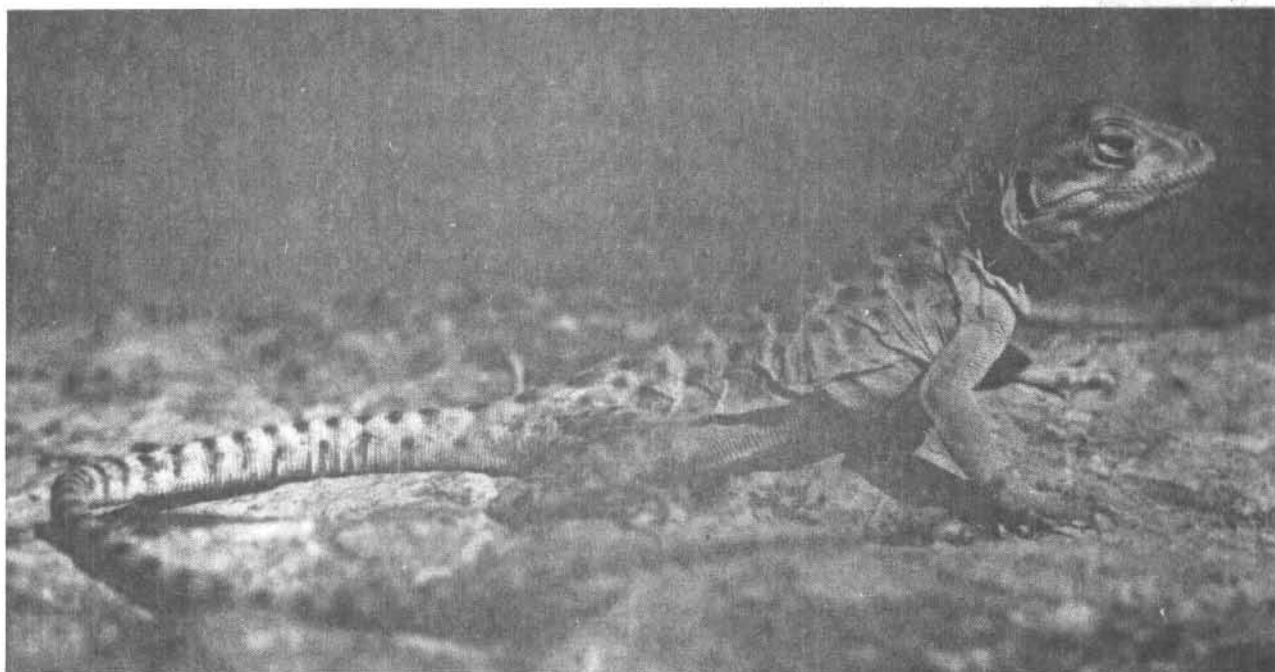


Utah Reptile and Amphibian Latilong Distribution



Utah Division of Wildlife Resources
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UTAH REPTILE AND AMPHIBIAN

LATILONG DISTRIBUTION

1979

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Utah Division of Wildlife Resources

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INTRODUCTION

Presently, there are 81 known species and subspecies of reptiles and amphibians occurring in Utah. Except for the bullfrog (Rana catesbeiana) and the tiger salamander (Ambystoma tigrinum nebulosum), these species all receive protection and some may only be collected for personal and noncommercial use. The bullfrog and tiger salamander may be taken by licensed seiners and registered bait dealers for commercial and/or consumptive purposes. Twelve select species of Utah's herpetofauna receive total protection because of their limited numbers and restricted range. Authorization may be given by the Division of Wildlife Resources for the scientific use of these protected species. Species receiving complete protection are:

Desert tortoise	<u>Gopherus agassizi</u>
Desert iguana	<u>Dipsosaurus dorsalis</u>
Chuckwalla	<u>Sauromalus obesus</u>
Gila monster	<u>Heloderma suspectum</u>
Blind snake	<u>Leptotyphlops humilis</u>
Milk snake	<u>Lampropeltis triangulum</u>
Mountain kingsnake	<u>Lampropeltis pyromelana</u>
Lyre snake	<u>Trimorphodon lambda</u>
Black-headed snake	<u>Tantilla planiceps</u>
Mojave rattlesnake	<u>Crotalus scutulatus</u>
Speckled rattlesnake	<u>Crotalus mitchellii</u>
Sidewinder	<u>Crotalus cerastes</u>

In addition to these measures, dens of reptiles are also protected against disturbance.

The data presented here represent a summary of distribution, habitat preference and relative abundance of Utah's herpetofauna. The system by which these data are organized is known as a "latilong" system. Utah is divided into 23, one-minute blocks of latitude and longitude. The latilong system provides a great deal of information in a simple, readable and revealing form for each species or subspecies. As new data become available, they are easily incorporated into, deleted from or changed within the system. For all practical purposes, the information as it is presented is incomplete and is subject to change as new data come to light. A form has been provided (Appendix I) in which changes can be recorded and reported as they occur. In the future, the Division of Wildlife Resources plans to similarly map the distribution of Utah's birds and mammals using the latilong system.

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LATILONG MAPPING SYSTEM CODES

Three categories of codes are used to report information. They are: STATUS codes, HABITAT types and ABUNDANCE relationships.

1. STATUS: The symbols listed below are used to indicate the status of a species in each latilong block. Collectively, they also show distribution.

B - Resident: Breeding population with definite evidence of reproduction such as eggs, larvae or juveniles. Specimens or photographs document occurrence.

b - Very Likely Resident: Observer strongly suspects species is present. Difficult to collect and/or find evidence of reproduction.

A - Accidental: Less than three records of sightings or occurrence as a result of geographically displaced, escaped pets.

2. HABITAT: If a species is found only in marshes, the code would be Ms. But if it occurs in all types of aquatic habitat, the code would be Aq. Either the specific or the general code is used, but not both.

GL - Grassland:

Mm -Mountain meadows, parks and semidesert grasslands.

HA - Habitat alteration areas--like crested wheatgrass.

Ag - Agricultural areas:

Cr - Croplands.

Or - Orchards.

Sb - Shelterbelts, dwellings and tree farms.

Aq - Aquatic:

- In - Intermittent or temporary plains streams, mountain tributaries, rain pools, marshes, ponds, stock tanks and ponds or irrigation ditches.
- PL - Permanent streams or rivers in broad valleys and plains with low gradient and silt, sand or gravel bottoms, i.e., Dirty Devil River near Hanksville.
- Mt - Permanent mountain or foothill streams or rivers with steep gradients and sand, gravel or rubble bottoms, i.e., Uinta River.
- Sp - Spring-fed seeps and small creeks with permanent flow.
- Ms - Marshes, wetlands, swampy river bottoms or lake and reservoir shorelines where rooted aquatic plants occur.
- L - Open water zones or permanent lakes, reservoirs or ponds.

D - Deciduous habitat:

- R - Riparian, floodplain, stream and lakeside vegetation; usually cottonwoods, willows, tamarisk, alder and including the subalpine willow thickets (those below timberline).

As - Aspen.

S - Shrub/brush:

- Sc - Scrub oak, mountainmahogany, etc.
- DS - Desert shrub (saltbush, greasewood, etc.).
- Sa - Sagebrush, rabbitbrush.
- Md - Mojave desert.

CF - Coniferous forest:

- Pp - Ponderosa pine.
- Lp - Lodgepole pine.

SF - Spruce/fir.

PJ - Pinyon-juniper.

DF - Douglas fir.

C - Other coniferous trees, e.g., Colorado blue spruce,
bristlecone pine, white fir.

A - Alpine:

T - Tundra.

AT - Alpine transition (willows or scrub conifers).

U - Urban: cities and towns, including city parks.

BA - Barren habitat:

RC - Rocky cliffs or cliff faces.

SD - Sand dunes or soft sandy areas.

GB - Gravel beds or alluvial deposits or rocky areas composed of
rocks, boulders, cobbles, gravel and scarce vegetation.

AF - Alkali flats.

O - Other; explain.

3. ABUNDANCE: These terms are used to show the densities of various species of suitable habitats. They indicate relative abundance of adults and do not indicate ephemeral abundance of larvae (tadpoles) which are subject to significant density fluctuations.

Ab - Abundant: At least five per acre, e.g., boreal chorus frog or leopard frog in marshes. Can usually locate 10 specimens per day in suitable habitat.

FC - Fairly Common: At least one per five acres, e.g., bullsnake in agricultural areas. Can usually observe one per day in suitable habitat.

U - Unusual: Usually see no more than three per season, even in likely habitat.

Und - Undetermined: Not enough information available to classify.

An example should help clarify the use of the three codes to report information. Suppose you had noted a large breeding chorus and several egg masses of boreal chorus frogs in marshes near a Uinta Mountain lake (block 7). You also found two chorus frogs on a sandbar in a minor tributary to the lower Provo River (block 6). The entries would look like this:

BOREAL CHORUS (Cricket) FROG

					Breeding	Nonbreeding
--	A	B	--	Habitat	Ms	In
--	--	--	--			
--	--	--	--	Abundance	Ab	Und
--	--	--	--			

To help orient map entries, a line was drawn through the map.

Note that the species may have different abundance codes in separate geographic areas as well as in breeding and nonbreeding habitats.

Tiger Salamander	-	B	B			
<u>Ambystoma tigrinum nebulosum</u>	-	B	B		B	B
1. Parker Mountain ponds.	-	B	B		B	B
2. Heart Lake.	-	B	B			B
3. Lava Pt. (Kolob Sec.) Zion.	B	B	b		b	B
4. Hovenweep Nat. Monument.						

	Breeding	Nonbreeding
Habitat	Aq, R	Aq, CF, D Mm
Abundance	U-Ab	U-Ab

Great Basin Spadefoot Toad	-	B	B			
<u>Scaphiopus hammondi</u>	-	B	B		B	B
<u>intermontanus</u>	-	B	B		B	B
1. Fremont R. in Capitol Reef.	B	B	B		B	B
2. Virgin R. in Zion Nat. Pk.	B	B	B		B	B
3. Ackland Sp. in Capitol Reef Nat. Pk.						

	Breeding	Nonbreeding
Habitat	Aq, Ag, S, D, HA, PJ	Aq, BA, S, PJ
Abundance	FC-Ab	U-FC

Western Boreal Toad	-	B	B			
<u>Bufo boreas boreas</u>	-	B	B		B	B
1. W.W. Tanner Report in 1938	-	B	B		B	B
from Loa and Torrey.	-	B	B			
	b	B				

	Breeding	Nonbreeding
Habitat	Sp, MS, In, R, Mt, Pl	R, In, Ms, Mt, Sp, Sa
Abundance	FC-Ab	U-Ab

Texas, Great Plains Toad	-	-	-			
<u>B. cognatus</u>	-	-	-		-	-
	-	-	-		-	B
	-	-	-		b	
	-	-	-			

	Breeding	Nonbreeding
Habitat	Sa	Ms
Abundance	?	U

Red-spotted Toad	-	-	-			
<u>B. punctatus</u>	-	-	-			
1. Cottonwood Tks along U-24.	-	-	-		B	B
2. Capitol Reef Nat. Park.	-	-	B			B
3. Zion National Park.	B	B	B		B	
4. Lake Powell.						

	Breeding	Nonbreeding
Habitat	Aq, R	DS, PJ, R, SD, GB, SA, Mm, In, Sp
Abundance	FC-Ab	U-Ab

Arizona Toad	-	-	-			
<u>B. microscaphus microscaphus</u>	-	-	-			
1. Near Virgin, UT--North Creek.	-	-	-			
2. Halls Ck. in Capitol Rf. N.P.	-	-	-			
3. Hybridize w/B. woodhousei	B	B	B		B	
in Virgin River drainage.						

	Breeding	Nonbreeding
Habitat	Aq, R	In, Sp, L, Ms, Pl, R
Abundance	Ab	U-Ab

Woodhouse's Toad	-	B	B			
<u>B. woodhousei woodhousei</u>	-	B	B		B	B
1. Torrey to Hanksville along	-	B	B		B	
Fremont R.	B	B	B		B	B
2. Virgin R. in Zion Nat. Park.	B	B	B		B	B
3. Individuals in Halls Ck. greatly						
hybridize w/B. microscaphus.						

	Breeding	Nonbreeding
Habitat	Aq, R, SD, Sa, Mm	Ag, S, Aq, R, U
Abundance	FC-Ab	U-Ab

Canyon Tree Frog	-	-	-			
<u>Hyla arenicolor</u>	-	-	-			
1. Tributaries to Virgin R. in	-	-	-			
Zion National Park.	-	-	b		-	B
2. Halls Ck. & tributaries to	B	B	B		B	
Colorado R. to about 38° lat.						

	Breeding	Nonbreeding
Habitat	Aq, R	Aq, R
Abundance	FC-Ab	U-Ab

Pacific Tree Frog <u>Hyla regilla</u>	- - -	- - -	Habitat	Breeding No Record	Nonbreeding
	- - -	- - -			
	- - -	- - -	Abundance		
	- - -	- - -			
Boreal Cricket Frog <u>Pseudacris triseriata maculata</u> Isolated ponds at Cedar Breaks National Monument.	- B B	- - -	Habitat	Breeding Aq-R	Nonbreeding Aq-R
	- B B	- B B			
	- B B	- - -	Abundance	U-Ab	U-FC
	- B -	- b -			
Bullfrog <u>Rana catesbeiana</u>	- B -	- - -	Habitat	Breeding R, In, Pl	Nonbreeding R, In, Pl
	- b -	- - -			
	- B -	- - -	Abundance	U-Ab	U-FC
	- - -	- - -			
Green Frog <u>R. clamitans melanota</u> (Introduced)	- - B	- - -	Habitat	Breeding Aq	Nonbreeding
	- - B	- - -			
	- - -	- - -	Abundance	FC	
	- - -	- - -			
Northern Leopard Frog <u>R. pipiens brachycephala</u> 1. Generally ubiquitous to about 10,000' MSL.	- B B	- - -	Habitat	Breeding Aq, R	Nonbreeding Aq, R
	- B B	- B B			
	- B B	- B B	Abundance	FC-Ab	U-Ab
	- B B	- B B			
Western Spotted Frog <u>R. pretiosa pretiosa</u>	- B B	- - -	Habitat	Breeding Pl, Mt, Ms	Nonbreeding Pl, Mt, Ms
	- B B	- - -			
	- - -	- - -	Abundance	FC	U
	- - -	- - -			
Desert Tortoise <u>Gopherus agassizi</u> 1. Immature ind. at LaVerkin. 2. 8" female in Capitol Rf. parking lot. 3. SW portion of Wash. Co--Beaver Dam slope and Paradise Canyon.	- - -	- - -	Habitat	Breeding DS, BA, Sa Md	Nonbreeding DS, SD, GB SP, Sa, Md
	- - -	- - -			
	- A	- - -	Abundance	U	UND
	- b	- b -			
	- B -	- - -			
Western or Utah Banded Gecko <u>Coleonyx variegatus utahensis</u> 1. Coal pits, Wash., Zion Nat. Park.	- - -	- - -	Habitat	Breeding Md, BA, S O*	Nonbreeding Md, BA, GL S, PJ
	- - -	- - -			
	- b	- - -	Abundance	FL-Ab	U-Ab
	- B -	- A -			

O*=Rodent burrows.

Desert Iguana <u>Dipsosaurus dorsalis dorsalis</u> 1. Lower two miles of Beaver D. slope floodplain drainage.	- - - - - - - - - B - -	- - - -	Habitat	Breeding BA,DS	Nonbreeding GB,DS
			Abundance	U-Ab-FC	U-Ab
Yellow-headed Collared Lizard <u>Crotaphytus collaris auriceps</u> 1. Above Virgin R. banks, Zion National Park.	- - - - - - - - B B - B B - B	- - B B B	Habitat	Breeding BA,S,PJ	Nonbreeding RC,S,PJ, GB
			Abundance	FC-Ab	FC-Ab
Western Collared Lizard <u>C. c. bicinctores</u> 1. Drainages of Halls Creek. 2. Rainy Day Mine. 3. One individual found crossing U-29 near Caineville.	- B - B B b B B B B B B	- - - B	Habitat	Breeding BA,Md,DS R,PJ,Mm	Nonbreeding Md,DS,RC GB,R,Mm
			Abundance	FC-Ab	U-Ab
Small Spotted Leopard Lizard <u>C. w. punctatus</u>	- - - - - - - - - B B -	- - - -	Habitat	Breeding S,SD	Nonbreeding
			Abundance	FC	
Long-nosed Leopard Lizard <u>C. w. wislizenii</u> 1. Drainages of Halls Creek.	B B - B B b B B b B B B	- - b B	Habitat	Breeding RL,SD,GB R,Sa,DS, Md,PJ,Mm	Nonbreeding BA,R,PJ, Sa,DS,Md, Mm
			Abundance	FC-Ab	FC-Ab
Western Chuckwalla <u>Sauromalus obesus obesus</u> 1. Above Sunset Canyon Ranch on Zion Kolob.	- - - - - - - - - B - B	- - - B	Habitat	Breeding BA,R,DS	Nonbreeding GB,RC,DS, R
			Abundance	FC-Ab	FC-Ab
Upper Colorado R. Chuckwalla <u>S. o. multiforminatus</u> 1. Near Hite Crossing. 2. Lake Powell.	- - - - - - - - - - - -	- - - B	Habitat	Breeding GB	Nonbreeding BA
			Abundance	FC	FC-U
Zebra-tailed Lizard <u>Callisaurus draconoides</u> <u>rhodostictus</u>	- - - - - - - - - B - -	- - - -	Habitat	Breeding Md,BA,D, DS	Nonbreeding Md,SD,GB, DS
			Abundance	Ab	Ab
Lesser Earless Lizard <u>Holbrookia maculata</u> <u>approximans</u>	- - - - - - - - - - B -	- - - B B	Habitat	Breeding R	Nonbreeding R
			Abundance	Ab	FC

Yellow-backed Spiny Lizard <u>Sceloporus magister uniformis</u>					Breeding	Nonbreeding
1. Lower Halls Creek.				Habitat	Md,D,RC, GB,DS	Md,R,GB, RC
	B	B	B	Abundance	Ab	Ab
Orange-headed Desert Spiny Lizard <u>S. m. cephaloflavus</u>					Breeding	Nonbreeding
1. Common in riparian zones but absent for some reason from specific sites.				Habitat	R,DS,GB, RC	DS,RC,GB, Sa,R
	B	B	B	Abundance	Ab	Ab
Northern Plateau Lizard <u>S. undulatus elongatus</u>					Breeding	Nonbreeding
1. Ubiquitous below about 6500' MSL.				Habitat	Md,S,RC, GB,PJ,Pp, R	Md,S,BA, GL,PJ,R
2. Elevationally isolated pop. at Lava Pt. on Zion's Kolob (8000+' MSL).				Abundance	FC-Ab	FC-Ab
Southern Plateau Fence Lizard <u>S. u. tristichus</u>					Breeding	Nonbreeding
				Habitat	S,PJ	BA,S
	b	b	b	Abundance	Ab	Ab
Great Basin Fence Lizard <u>S. occidentalis longipes</u>					Breeding	Nonbreeding
1. Santa Clara River bottom.				Habitat	GB,RC,S, R,PJ	S,BA,R,PJ
	B	B	B	Abundance	Ab	FC-Ab
Great Basin Sagebrush Lizard <u>S. graciosus graciosus</u>					Breeding	Nonbreeding
1. Ubiquitous above 7000' MSL in sagebrush & rock habitats.				Habitat	GA,S,GL, Pp,Aq,R, PJ	S,Aq,RC, GB,Pp,PJ, R,Mm
2. Sympatric w/ <u>s. undulatus</u> in places.				Abundance	FC-Ab	FC-Ab
Northern Side-blotched Lizard <u>Uta stansburiana stansburiana</u>					Breeding	Nonbreeding
1. Psammophilus--ubiquitous in most habitats below 6500' MSL.				Habitat	Most all habitats below 6500'	
	B	B	B	Abundance	FC-Ab	FC-Ab
Upper Colorado Basin Lizard <u>U. s. uniformis</u>					Breeding	Nonbreeding
1. Ubiquitous psammophilus in areas below 6000' MSL.				Habitat	BA,PJ,Mm, Sa,DS,R	BA,PJ,Mm, SA,DS,R
	B	B	B	Abundance	Ab	FC-Ab

Colorado Tree Lizard			Breeding	Nonbreeding
<u>Urosaurus ornatus wrighti</u>	- B B - B	Habitat	BA,S,Aq,	S,c,R,PJ,
1. Capitol Reef Nat. Pk.-Fremont R., Halls Creek & Muley Twist Canyon.	- B B - B B - B B - B B B B B B B	Abundance	C,PJ,R	Aq,RC,SD
2. Virgin R. in Zion Nat. Park.			U-Ab	U-Ab
E. Short-horned Lizard			Breeding	Nonbreeding
<u>Phrynosoma douglassii brevirostre</u>	- B B - B B	Habitat	S,AF,PJ, GB,Md	Md,SA,AF, GB,PJ
	- - - - - -	Abundance	Ab	Ab
	- - - - - -			
Mountain Short-horned Lizard			Breeding	Nonbreeding
<u>P. D. hernandesii</u>	- B B - B B	Habitat	S,CF,GB, SD	U,S,SD, GB,DF,SF,
1. "FC" on Zion's Kolob Plateau.	- B B - b B	Abundance	U-Ab	U-Ab
2. Infrequent occurrence at Capitol Reef Headquarters.	B B B B B			
3. Henry Mountains.				
Desert Long-horned Lizard			Breeding	Nonbreeding
<u>P. platyrhinus platyrhinus</u>	B B B - B	Habitat	S,SD,GB	S,SD,GB
1. West Desert.	b B - - - b B - - - B B - - B	Abundance	U-Ab	U-Ab
So. Desert Horned Lizard			Breeding	Nonbreeding
<u>P. p. calidiarum</u>	- - - - - - - - - - - - - - - B - B B -	Habitat	Md,S,BA, R	Md,Sa,R, SD,GB,DS
		Abundance	U-Ab	U-Ab
Banded Gila Monster			Breeding	Nonbreeding
<u>Heloderma suspectum cinctum</u>	- - - - - - - - - - - - - - - B b - - -	Habitat	S,BA,MD, R	Md,SD,DS RC,GB,R
1. Beaver Dam Wash to Nevada state line.		Abundance	FC-U	FC-U
2. Paradise Valley.				
Desert Night Lizard			Breeding	Nonbreeding
<u>Xantusia vigilis vigilis</u>	- - - - - - - - - - - - - - - B - - - -	Habitat	S,MD,GB, O*	DS,Md,GB
1. Beaver Dam slope.		Abundance	U-Ab	U-Ab
O*=In woodrat houses and beneath Joshua tree logs.				
Utah Night Lizard			Breeding	Nonbreeding
<u>Xantusia vigilis utahensis</u>	- - - - - - - - - - - - - - - - - - B -	Habitat	DS	DS,R
1. Near Hite in Glen Canyon Nat. Rec. area.		Abundance	FC	FC

Great Basin Whiptail
Cnemidophorus tigris tigris
1. Ubiquitous in areas below
6500' MSL.

B	B	B	B
b	B	B	B
B	B	B	B
B	B	B	B

	Breeding	Nonbreeding
Habitat	S, GL, Sb	S, GL, SB,
	GB, PJ, Pp,	R, GB, PJ,
	R	Pp
Abundance	U-Ab	U-Ab

Northern Whiptail
C. t. septentrionalis

-	-	-	-
-	-	-	B
-	-	-	B
-	-	-	b
B	B	B	B

	Breeding	Nonbreeding
Habitat	S, Aq, BA,	Md, S, Aq,
	GL, Md, R,	GL, RC, SD,
	Sb, PJ, Pp	GB, SO, R, Pp
Abundance	FC-Ab	FC-Ab

Plateau Whiptail
C. velox
1. Headquarters at Zion Nat. Pk.
2. Hovenweep Nat. Monument.
3. Extreme eastern part of #19.

-	-	-	-
-	-	-	-
-	B	-	-
B	B	B	B

	Breeding	Nonbreeding
Habitat	S, BA, PJ,	S, R, PJ, Pp
	Pp	
Abundance	FC-Ab	FC-Ab

Many-lined Skink
Eumeces multivirgatus gaigei

-	-	-	-
-	-	-	-
-	-	-	-
-	B	-	-
B	B	B	B

	Breeding	Nonbreeding
Habitat	CF, S	
Abundance	Ab	

Great Basin Skink
E. skiltonianus utahensis
1. Zion Kolob Plateau.

B	B	B	B
-	B	B	-
-	B	B	-
-	B	-	-
B	B	-	-

	Breeding	Nonbreeding
Habitat	S, CF, R, GB	Pp, PJ, S, R,
		GB, GL
Abundance	U-Ab	U-Ab

Utah Blind Snake
Leptotyphlops humilis
utahensis

-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
B	-	-	-

	Breeding	Nonbreeding
Habitat	Md, BA, D,	Md, DS, SD,
	DS	GB, R
Abundance	FC	U-FC

Utah Rubber Boa
Charina bottae utahensis
1. Mountains around SLC.

-	-	B	-
-	-	B	b
-	B	B	B
-	-	-	-
-	-	-	-

	Breeding	Nonbreeding
Habitat	D, CF, Mm,	D, CF, Sc,
	Mt	Mt, Mm
Abundance	U-FC	U-FC

W. Black-necked Garter Snake
Thamnophis c. cyrtopsis

-	-	-	-
-	-	-	-
-	-	-	B
-	-	-	b

	Breeding	Nonbreeding
Habitat	PJ, S	R
Abundance	UND	UND

Wandering Garter Snake
T. elegans vagrans
1. Ubiquitous in association
w/Aq or R habitats; frequently
in montane areas.
2. Eastern 1/4 of block 19.

-	B	B	-
-	B	B	B
-	B	B	B
-	B	B	B
B	B	B	B

	Breeding	Nonbreeding
Habitat	CF, S, GL,	CF, S, GL
	Ag, Aq, D	Ag, Aq, D
Abundance	FC-Ab	FC-AB

Red-sided Garter Snake
T. sirtalis parietalis

B	B	
B	B	
B	B	

	Breeding	Nonbreeding
Habitat	Ag,Aq,R	Ag,Aq,R
Abundance	FC	FC

Regal Ring-necked Snake
Diadophis punctatus regalis
1. Springdale.

B	B	
B	B	
B	B	

	Breeding	Nonbreeding
Habitat	CF,S,R	CF,S,R
Abundance	U	U

W. Yellow-bellied
Coluber constrictor mormon
1. Mountains around SLC.
2. Unverified report from
Capitol Reef Nat. Park.

B	B	
B	B	B
B	B	B
B	B	B
b		

	Breeding	Nonbreeding
Habitat	Aq,S,CF, GB,R,Mm	CF,Aq,R, Mm,S
Abundance	FC	FC

Red Racer, Coachwhip, Whipsnake
Masticophis flagellum piceus
1. Hurricane.
2. Headquarters at Zion Nat. Pk.

		B
B		

	Breeding	Nonbreeding
Habitat	Md,BA,S Ag,D,GL, PJ	Md,Aq,GB DS,SD,R
Abundance	U-Ab	U-Ab

Desert Striped Whipsnake
M. taeniatus taeniatus
1. Ubiquitous in and around
Capitol Reef and Zion nat.
parks.

B	B	B
B	B	B
b	B	B
B	B	B
B	B	B
B	B	B

	Breeding	Nonbreeding
Habitat	S,GL,CF, R,GB,In	S,CF,GL, In,GB,R
Abundance	FC-Ab	FC-Ab

W. Smooth Green Snake
Opheodrys vernalis blanchardi

	B	
	B	
		B

	Breeding	Nonbreeding
Habitat	Mm,Ms	Mm,Ms
Abundance	U	U

Mojave Patch-nosed Snake
Salvadora hexalepis majovensis
1. Zion headquarters.

B	B	B

	Breeding	Nonbreeding
Habitat	Md,Aq,R, Sa,Mm,DS Ba	Md,S,GL, R,DS
Abundance	Ab FC	U-Ab

Great Plains Rat Snake
Elaphe guttata emoryi

		B

	Breeding	Nonbreeding
Habitat		
Abundance	U	

Desert Glossy Snake
Arizona elegans eburnata
1. Hurricane (individual).

B		

	Breeding	Nonbreeding
Habitat	Md,DS,SD, GB,BA	Md,DS,BA, O*
Abundance	Ab	U-Ab

O*=Joshua trees.

Painted Desert Glossy Snake
Arizona elegans philipi

		Breeding	Nonbreeding
Habitat	---		R
Abundance	--- B --- B ---		Ab

Gopher, Bull, Blow Snake
Pituophis melanoleucus
deserticola

1. Ubiquitous in Zion & Capitol Reef nat. pks.; Hanksville & Glen Canyon Nat. Rec. Area.

		Breeding	Nonbreeding
Habitat	B B B B B	GL,Aq,Ag, D,CF,S,GB	GL,Ag,Aq, BA,S,U,CF
Abundance	B B B B B	U FC-Ab	R FC-Ab

California Kingsnake
Lampropeltis getulus
californiae

1. FC in Zion Nat. Park.
2. Two individuals on U-24 in Capitol Reef Nat. Park.

		Breeding	Nonbreeding
Habitat	---	Md,Ag,Aq, D,GL,DS, GB,PJ	Md,GL,Ag, Aq,S,GB, PJ,Pp
Abundance	B b B B b	U-Ab-FC	U-Ab

Western Milk Snake
L. triangulum taylori

		Breeding	Nonbreeding
Habitat	--- B B B b	CF,D,Sa, Sc	CF,D,Sa, Sc
Abundance	--- B b b ---	U-FC	U-FC

Utah Mountain Kingsnake
L. pyromelana infralabialis

		Breeding	Nonbreeding
Habitat	--- B ---	CF,R,Sa, Sc	CF,R,Sa, Sc
Abundance	--- B b b ---	U-FC	U

Western Long-nosed Snake
Rhinocheilus lecontei lecontei

		Breeding	Nonbreeding
Habitat	--- B ---	Ag,S,BA, Md,R	Md,Ag,GL, Sa,DS,R
Abundance	b B ---	U-Ab	U-Ab

Western Ground Snake
Sonora semiannulata isozona
1. Zion headquarters area.

		Breeding	Nonbreeding
Habitat	---	BA,DS,D, Md,O*	R,GB,Sa, DS,Md,PJ, SD
Abundance	B --- ---	FC-Ab	FC

O*=Near homes.

Spotted Night Snake
Hypsiglena torquata
ochororhyncha

		Breeding	Nonbreeding
Habitat	--- B A ---	Md,GB,R	Md,GB,R, GL,S,Ag, PJ
Abundance	B --- ---	Ab	FC-Ab

B

	<u>Breeding</u>	<u>Nonbreeding</u>
Habitat	RC,GB,Md, DS,R	Md,BA,DS, R,O*
Abundance	U	U

0*=Joshua trees.

—	—	—		
—	—	—	—	—
—	—	—	—	—
B	b	b	—	—

	Breeding	Nonbreeding
Habitat	S, Md, BA	DS, SD, Md, GB, R, O*
Abundance	Ab	Ab

0*=Joshua trees.

	Breeding	Nonbreeding
Habitat	L	L
Abundance	FC	FC

Diagram illustrating a 2D lattice structure with a vertical dashed line separating two regions. The left region is labeled 'B' and contains four horizontal segments. The right region contains three horizontal segments.

	Breeding	Nonbreeding
Habitat	PL,L	PL,L
Abundance	Ab	Ab

Diagram illustrating a 3x3 grid structure. The grid is divided into two sections by a vertical dashed line. The left section contains three rows, with the bottom row labeled 'B'. The right section contains three rows.

	<u>Breeding</u>	<u>Nonbreeding</u>
Habitat	Md,GB	Md,GB
Abundance	U	U

	Breeding	Nonbreeding
Habitat		
Abundance		

	Breeding	Nonbreeding
Habitat		
Abundance		

	Breeding	Nonbreeding
Habitat		
Abundance		

Appendix I
LATILONG DISTRIBUTION CHANGES
FOR
UTAH DIVISION OF WILDLIFE RESOURCES

Species: _____;
 (Common name) (Scientific name)

This form is provided to supplement or correct data appearing in Utah Reptile and Amphibian Latilong Distribution (1979). The accuracy of this manuscript can only be maintained by the continued efforts of herpetologists whose contributions have made this manuscript possible.

Latilong: _____ Previous status: _____ Recommended status: _____

Habitat change from _____ to _____

Abundance change from _____ to _____

REASONS FOR RECOMMENDATION(S)

Location to nearest town and county: _____

Observations supporting your recommendations: (number of herps seen, dates or other pertinent information)

Habitat in which observed:

Significant behavioral observations:

Name (print): _____

Address: _____

Signature: _____

Mail to:

Nongame Section
Utah Division of Wildlife Resources
1596 West North Temple
Salt Lake City, Utah 84116