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DISTRIBUTION OF WASHINGTON REPTILES

James R. Slater

The following account of the geographical and life zone distribution of the reptiles of the State of Washington is a part of the general account of the reptiles of Washington. The information has been gathered not only from a large number of field trips but from literature and a number of museums. The authority for each location is given except for the locations represented by specimens in the Museum of Natural History of the University of Puget Sound. For many locations followed by other authority, UPS also has specimens.

The life zone chart at the end of the paper was made by locating all the known specimens of each species on a large map of the State of Washington on which had been colored the different life zones as given in Piper's "Flora of Washington" 1906. The thickness of the black graphs indicate roughly the number of known localities of each species. UPS has more than 1486 specimens represented in these records and has furnished other museums some specimens also.

The life zones in the State of Washington are located in general as follows: The Humid Transition is all the low lands of western Washington up to an elevation of about 2600 feet. This was originally all heavy forest except for a few "islands" of prairies in southwestern Pierce, Thurston, Lewis, Cowlitz and Clark counties. On these islands white man first found tall grass.

The sides of the mountains from about 1400 feet in places on both sides of the Cascades, Olympics, Blue and some high ridges in the northeast section of the state form the Canadian life zone. This zone extends up the mountains as far as the solid forests.

When the forests break up into patches of trees interspersed by mountain meadows, it is known as Hudsonian. The upper limit of this is timber line above which no trees grow.

All the areas of the state above timber line, of which we have a number in the Cascades and Olympics, are known as Arctic or Arctic-Alpine.

In the southeast central part of the state there is an area about 75 miles west to east and 100 miles north to south with arms extending up the broader valleys and numerous coulees even to the British Columbia border in the Okanogan and to the Idaho border in the Snake River canyon. This zone is known as the Upper Sonoran. Sagebrush is the most abundant plant.

Most of the eastern part of the state except for the above mentioned Upper Sonoran, the Blue Mountains and the higher ridges in the northeastern section of the state, is known as Arid Transition. This zone is subdivided into an upper timbered (yellow pine) area and a lower timberless (mostly grasses) division. These subdivisions were not used in making the life zone distribution chart.

The general elevations and rainfall of these life zones are given by Piper as follows:

	Elevations	Rainfall
Upper Sonoran	200 to 1900'	5 to 10"
Arid Transition	1600 to 4200'	10 to 30"
Humid Transition	0 to 3800'	30 to 90"
Canadian	1400 to 5000'	50 to 90"
Hudsonian	5000 to 7000'	70 to 100"
Arctic	6000 to 1400'	60? to 75?"

It will be noted that some of these zones seem to overlap in the elevations given. This is because the zones in some places extend higher than in other parts of the state; and likewise some zones extend lower in some places than in others.

At the middle of this paper is a summary of county-species records. When the dot is solid, UPS has specimens from that county. If there is a circle, some other museum has one or more specimens from that county but UPS does not have any. There are 330 solid dots and 12 circles on the chart at this time making a total of 342 county-species records. When we started the chart, there were 92 circles on it. This information was gleaned from Van Denburgh's "Reptiles of Western North America", 1922. This was our best source of information in those days. He obtained most, if not all, his information concerning this state from reports from various museums throughout the United States when he was writing his two volume work, for (as far as I can find out) he never made a field trip in the State of Washington. Other museums and individuals have added circles to our chart in the meantime. Of the original 92 circles on our chart, only five remain as circles, namely:

<u>Sceloporus occidentalis occidentalis</u>	Clallam County
<u>Phrynosoma orbiculare douglassi</u>	Spokane County
<u>Phrynosoma platyrhinos platyrhinos</u>	Walla Walla County
<u>Charina bottae plumbea</u>	Whitman County
<u>Pituophis melanoleucus catenifer</u>	Pierce County

A word about each of these might not be out of place. S. o. occidentalis: one of my students claims to have seen one of those in Clallam County about four years ago. So we keep looking. P. o. douglassi: All I know about this county record is what Van Denburgh says on page 75. P. p. platyrhinos: there is a little question about this one. Maybe Capt. Bendire collected the National Museum specimens in Idaho or Oregon on one of his numerous trips to visit different army installations and only shipped them from Fort Walla Walla, his assigned base at that time; but nevertheless we keep hunting. C. b. plumbea: a few of these have been taken in Whitman County in recent years; but most of them have found their way to Washington State Museum with the exception of one which sneaked away before one of my former students got a chance to send it to me! P. m. catenifer: there are two sight records of this snake by reliable people who claim to have seen it in Thurston County; but as yet no one has "come up" with a specimen. The original specimens are labeled Fort Steilacoom or/and Puget Sound, Washington; and sent from Fort Steilacoom to the National Museum. Maybe they were all taken near the south end of Puget Sound.

Nearly every year since we started this study of reptiles our county-species distribution chart has changed. In 1962 seven new dots were added, one circle added (C. b. plumbea for Island County) by my looking through the collection at the University of Washington where I saw a specimen collected by Prof. Kincaid; and one circle filled in by Mr. Wiseman who gave me a specimen of P. o. douglassi from Franklin County.

Many people have helped in gathering this information. On numerous field trips one or more students have contributed. Sometimes as many as 13 on a three-day trip; and 6 on a six-day trip on which the mileage was 1375. Some people who have "brought in" a few or many specimens are: Gordon D. Alcorn, Oscar I. Anderson, F. H. "Spike" Armstrong, Walter C. Brown, Philip Cheney, Alex W. Flynt, Murray L. Johnson, Jens Knudsen, Thomas H. Lewis, Herman Myhrman, Dean Metter, Frank Seabeck, John W. Slipp, J. Edward Trimble. Others have brought in one or a few specimens. A number of museums were kind enough to furnish a list of specimens which they have from this state. They are as follows together with the abbreviations used in the text:

C. M. Bogert	American Museum of Natural History, N. Y. City (AMNH)
E. R. Dunn	Academy of Natural Sciences of Philadelphia (ANSP)
J. R. Slevin	California Academy of Science (CAS)
M. G. Netting	Carnegie Museum, Pittsburgh (CM)
Karl P. Schmidt,	Clifford H. Pope and Robert F. Inger Chicago Natural History Museum (Field Museum) (CNHM) or (FM)
A. Loveridge	Museum of Comparative Zoology, Harvard University (MCZ)
E. Raymond Hall and J. M. Linsdall	Museum of Vertebrate Zoology, University California (MVZ)
Norman Hertweg and Helen T. Gaige	Museum of Zoology, University Michigan (MZ)
Leonhard Stejneger and Doris M. Cochran	United States National Museum (USNM)
G. S. Hudson	Conner Museum, Washington State University Pullman (WSU)

For all this help I am very grateful. It is only through their fine cooperation that this much information could be assembled. Authority for some place records taken from Van Denburgh, John, "The Reptiles of Western North America" are indicated in the text by a V followed by a page as V:106.

CLEMMYS MARMORATA MARMORATA Baird and Girard

Pacific Pond Turtle Pacific Terrapin

RANGE: Pacific coast regions, from British Columbia southward to the San Francisco Bay region, south central Washington and southern Idaho.

Washington: Counties at the south end of Puget Sound and Klickitat County.

KING: Lake Washington, E side near Bellevue; Meridian Lake; Seattle (V. 1922:976). KLICKITAT: Lyle, 4 mi. W; PIERCE: Fort Lewis Military Reservation, NE cor. and Sportsman Lake; Puget Sound (USNM 88, 7594-6); Steilacoom (USNM 77). THURSTON: Long Lake.

CHRYSEMYS PICTA BELLI Gray

Western Painted Turtle

RANGE: Western Great Lakes region, westward to British Columbia and southward to Texas and New Mexico.

Washington: Eastern part of the state and down the Columbia River as far as Cowlitz County.

ADAMS: Dead Mans Lake, N of Othello. BENTON: Prosser, 4 mi. W. CLARK: Vancouver, 1 mi. N. COWLITZ: Kalama. FERRY: Keller, 19.5 mi. N; Round Lake (E. of Twin Lakes). FRANKLIN: Pasco. GRANT: Moses Lake (MVZ 37212-3); S end crossing; lower end. KITTITAS: Ellensburg, 5 mi. NW. KLICKITAT: Lyle. LINCOLN: Irby (USNM 61351); Odessa, 6 mi. NW. OKANOGAN: Johnson Lake, 5 mi. N of Nespelem. PEND OREILLE: Dalkena, 1 mi. NW. SKAMANIA: On highway detour near Bridge of the Gods. SPOKANE: Custodial School, Medical Lake. STEVENS: Colville, 5.9 mi. NE; Springdale (MZ 55620-1); Creek near Springdale (MZ 55622). THURSTON: Biglow Lake. WALLA WALLA: Bolles (WSU 171); Ft. Walla Walla (USNM 11646); Lowden (MVZ 11214); Marcus Whitman Mill Pond; Touchet (USNM 46122); Walla Walla, 14.4 mi. W. WHITMAN: Oakdale, 2 mi. E; Pullman (Svihla & Svihla 1933:128). YAKIMA: Alphafa; Mabton (USNM 45535); Yakima (WSU 170).

CHELONIA MYDAS AGASSIZI Bocourt

East Pacific Green Turtle

RANGE: Tropical Pacific coast of the Americas, to British Columbia.

GRAYS HARBOR: Westport, 3 mi. S. PACIFIC: Nacelle River estuary.

Pacific Blue-bellied Lizard

RANGE: Washington to central California.

Washington: Around the base of the Blue Mountains, east slope of the Cascades, west slope of the Cascades as far north as King County; along the Strait of Juan de Fuca and Hood Canal.

ASOTIN: Wenatchee Creek, Grouse Flat. CHELAN: Chelan; Entiat (USNM 61410, 61462-4); Lake Chelan, Rex Cr., Shrine Beach, and upper L.; Mission Cr. (0.:170); Peshastin; Peshastin Cr. (0.:170); Stehekin (USNM 61414-5, 61459); Wenatchee (MVZ 37190). CLALLAM: Cape Flattery (USNM 2858). COLUMBIA: Camp Wooten, Hixon Canyon, GARFIELD: Pomeroy, 9 mi. SW. JEFFERSON: Beekets Point, Discovery Bay; Duckabush River, at mouth; Port Townsend (USNM 2847). KING: Maury Is., S end, SW cor.; Seattle, Lincoln Park, 1 mi. S; Vashon Is., S end near ferry landing, and Indian Point. KITSAP: Holly. KITTITAS: Bullfrog Bridge; Teanaway Junction. KLUCKITAT: Bingen, 1 mi. E; Columbia R., near; Goldendale (USNM 44965); Grand Dalles (USNM 60193); Klickitat R., up; Lyle, 2 mi. W; Maryhill Museum; Northwestern L., White Salmon R.; Spearfish Indian Village, near; Trout Lake, 7 mi. S; Satus Pass, 4 mi. NE; White Salmon (USNM 60194-6, 61455-7) (0.:174). MASON: Belfair (MZ 86787(4)); Red Bluff, across Hood Canal from Hoodport. OKANOGAN: Beaver L. (0.:170); Mazama, 6 mi. NW. PIERCE: Devils Head; Fox Is., NW end; Gravel Pit on Chambers Cr.; Herron Is., SE cor. & N end; Ketron; McNeil Is.; Puget (a town), 1 mi. N; Puget Sound (USNM 2860, 3072); Steilacoom; (Fort) Steilacoom (USNM 2841, 2850); Tacoma. SKAMANIA: Stevenson, 2 mi. E., Wind Mt., Girls Scout Camp. YAKIMA: Naches R. S.; Simcoe Mts. (0:170 collected by W. W. Dalquist); Yakima Indian Reservation (USNM 60197-9).

SCeloporus GRACIOSUS GRACILIS Baird and Girard

Sand Swift

RANGE: Central Washington, southward to Ventura County, California.

Washington: Sagebrush area (Upper Sonoran life zone)

ADAMS: Lind. BENTON: Blalock Is. (2 mi. SW of Paterson) (MVZ 29174-93); Kennewick, 10 mi. W; Paterson, 6 mi. N (MVZ 29173); Plymouth, 6 mi. W. DOUGLAS: Rock Is., 1 mi. S. FRANKLIN: Connell, W. of (Snodgrass 1904:225); Pasco, and 2 mi. SW, and 8 mi. ENE (MVZ 29194-216, 29236). GRANT: Coulee City (USNM 61459); Ephrata, 15 mi. S; Moses L., lower end; Neppel (0:169); Soap L., Grand Coulee; Vantage, near (0:169). KLUCKITAT: Alderdale, 13 mi. N & 6 mi. W; Cliffs (USNM 60200); Grand Dalles, sand dunes; Smithville, 1 mi. SE. LINCOLN: Odessa (USNM 61460-1); Sylvan L., S shore. OKANOGAN: Okanogan, 2 mi. NE; Old Fort Okanogan. WALLA WALLA: Burbank, 4 mi. E (MVZ 29217, 29235), 1 mi. NW (MVZ 29218), 2 mi. NW (MVZ 29219-32), 2 mi. SSE (MVZ 29233-4); Mouth of Snake R., .25 mi.

E(MVZ 35161) 2 mi. E (MVZ 35162-5), 1 mi. E (MVZ 35166-8); Touchet (USNM 44611); Wallula (MVZ 5579) (0:169). WHITMAN: Almota (USNM 44962-4); Pullman (AMNH 22548). YAKIMA: Mabson (Mabton ?) (USNM 44760-1); Pomona (0:169); Sunnyside (FM now CMNH 787); Toppenish, 8 mi. SE.

UTA STANSBURIANA STANSBURIANA Baird and Girard

Northern Brown-shouldered Uta

RANGE: Central Washington through the Great Basin to northern New Mexico and Arizona, and southern Utah, Nevada, and California.

Washington: Central part of state from Chelan and Douglas counties south.

BENTON: Benton City, 10 mi. NE; Carley, 2 mi. E; Kennewick, 7 mi. NW and 10 mi. NW; Kiona, 1 mi. S. CHELAN: Rock Is. Dam, 2 mi. S; Six mi. N of SE cor. of county. DOUGLAS: Rattlesnake Springs. FRANKLIN: Columbia R. opposite White Bluffs (Snodgrass 1904:225); Pasco, 4 mi. E. GRANT: Vantage (MVZ 37179-89); Vantage, 1 mi. S, and 4 mi. NE. KITTITAS: Priest Rapids; Vantage (0:169); Vantage, 5 mi. S. KLUCKITAT: Alderdale, 3 mi. N and 6 mi. W, also 3 mi. N and 4 mi. W. WALLA WALLA: Wallula. YAKIMA: North Yakima, just S (Snodgrass 1904:226); Satus Cr. at US H'y 97; Toppenish, 8 mi. SE; Yakima (V:232)

PHRYNOSOMA ORBICULARE DOUGLASSI Bell

Pigmy Horned Lizard

RANGE: South central British Columbia southward to northern California and Nevada, including Idaho.

Washington: Most of the eastern part of the state except the Blue Mountain counties, and the higher elevations.

ADAMS: Bengie; Cow L; Lind. BENTON: Horse Haven Hills. CHELAN: Chelan. DOUGLAS: Withrow 5 mi. E. FRANKLIN: Connell, W of (Snodgrass 1904:225); Pasco (WSU 75); Pasco, 1 mi. S. GRANT: Moses Lake; Soap L., 2 mi. N; Vantage, 10 mi. NE. KITTITAS: Ellensburg (0:170), 17 mi. E, 18 mi. E, and 20 mi. E. KLUCKITAT: Grand Dalles; Smithville, 1 mi. SE. LINCOLN: Odessa, 12 mi. W. OKANOGAN: Coulee Dam, 10 mi. N; Pateros (0:170). SPOKANE: Spokane (V:375). WALLA WALLA: Fort Walla Walla (USNM 10918); Wallula (MVZ 5578); No place given (UPS 6339 presented by Dr. Philip Pope, Whitman #3310). WHITMAN: Central Ferry, 5 mi. W; Almota and Rock L (Svihla & Svihla 1933:127). YAKIMA: North Yakima (V:375); Selah (0:170); Sunnyside (CMNH 784-6), and 5 mi. E; Toppenish, 15 mi. SW.

PHRYNOSOMA PLATYRHINOS PLATYRHINOS Girard

Desert Horned Lizard

RANGE: Great Basin and Colorado Desert, from south central Washington, through southwestern Idaho, northern Nevada, adjacent California and western Utah.

Washington: Reported in the early days from Fort Walla Walla.

WALLA WALLA: Ft. Walla Walla (USNM 10832-3) Collected by Capt. Chas. Bendire, U. S. A., June 1881.

GERRHONOTUS COERULEUS PRINCIPIS Baird and Girard

Northern Alligator Lizard

RANGE: Southern British Columbia, most of Washington, northern Idaho, western Montana, and coastal Oregon.

Washington: All of western Washington, east slope of the Cascades, and across the northern part of eastern Washington.

CHELAN: Lake Chelan, up-lake, Rex Cr., and Bear Cr.; Lucerne (USNM 61465); Wenatchee Lake (USNM 61466). CLALLAM: Port Angeles. CLARK: Camas; Felida (1 mi. N of Vancouver); Lewis R. at Columbia R; Salmon Cr., where upper road crosses; Vancouver, 8 mi. E on old Camas Rd.; Yacolt, 1.5 mi. W (MVZ 34645), 3.5 mi. E (MVZ 34646-8), 3.5 mi. E & 5 mi. N (MVZ 34649). COWLITZ: German Cr. Rd, 5 mi. up; Kalama, 2 mi. N; Longview. GRAYS HARBOR: Elma, 2.5 mi. E. ISLAND: Camano Beach; Camano Beach, 2 mi. E; Crambery L., N end; Island County gravel pit, Camano Is; So. Camano Grange; Whidby Is., N end. JEFFERSON: Brinnen, 5 mi. N; Indian Is., S end; Marrowstone Is., 1 mi. N of bridge; Port Townsend (USNM 15940); Protection Is; Seal Rock Camp. KING: Bellevue, 4.5 mi. E (MVZ 38645-9, 38651-2, 38675); Half-way House, H'y 99; Kirkland (CAS 30515); Lake Sammamish (MZ 67848); Lincoln Park, Seattle, 1 mi. S; Magnolia, Vashon Is; Rosilla, Maury Is; Seattle (CMNH 779-83, 833) (CAS 47492) (USNM 16163-8, 30711-2) (MVZ 37191-2, 38650); Univ. Wash. campus. KITSAP: Blake Is, E & W sides; Bremerton (USNM 64109-15); Bremerton, 2 mi. W; Catholic Church, S end of Bainbridge Is; Gorse Cr. (USNM 62712-4); Port Orchard (AMNH 23456-57); Winslow (LMK 37544-6). KITTITAS: Cliffdell, 1.5 mi. NW & 6 mi. NW; Easton (USNM 44966). KLUCKITAT: Appleton. LEWIS: Tilton R, W fork, 3.5 mi. up trail. MASON: Harsteine Is, 2 mi. S of ferry & S end; Hoodsport (MZ 48428-31); Lake Cushman (CAS 65036); Reach Is, E & W sides; Shelton, 6 mi. S & 15 mi. E; Squaxin Is, S end; Skokomish R. valley (MZ 54199); Staircase Cr (AMNH 32484); Stretch Is. OKANOGAN: Beaver L (0:170). PACIFIC: Chinook 2 mi. W (MVZ 29344), 2.5 mi. SE (MVZ 34644); Frances. PEND OREILLE: Newport, 4 mi. NW. PIERCE: Anderson Is, NW cor; Clear L; Falls, Little Maschel R (1 mi. SW of Eatonville); Fox Is, Sylvan and .5 mi. S of ferry landing; Kapowsin, 3 mi. W; McNeil Is; Ohop Valley (N of Eatonville) Parkland (MZ 80757); Tacoma (MZ 56926); UPS Campus. SAN JUAN: Orcas Is, East Sound, below Orcas Knob, and N end;

Orcas Is (USNM 76299-300); San Juan Is, Sportsman L; Shaw Is, SW part. SKAGIT: Campbell L, W end; Lake Erie, 1 mi. W; Samish Is, W end; Fidalgo Is, Reservation; SKAMANIA: Cape Horn; Stevenson, 2 mi. E. SNOHOMISH: Canyon Park; Darrington (CAS 30512); Granite Falls, 6 mi. E; Marysville, 9 mi. N; Paine Field (CNHM 41273-6); Stillaguamish R at US H'y 99, 2 mi. N. SPOKANE: Milan, Little Spokane R. THURSTON: Deschutes Falls; Johnsons Point, 2 mi. SE; Lacey; Nisqually, 2 mi. S and 6 mi. S; Powder Plant, new H'y 3 mi. W of Nisqually; Snyders Prairie, 10 mi. NNE; Tumwater, 2 mi. S; Yelm, 8 mi. SE. WAHAKIUM: Cathlamet, 6 mi. E; Columbia R, .5 mi. W of Cowlitz Co. line; Rosburg. WHATCOM: Bellingham (MVZ 16960-63); Deming, 4 mi. E; Lummi Is, W side; Sukson Camp, 3 mi. W. YAKIMA: American R Camp, 1 mi. E; Bumping L, 3 mi. SW; Naches RS; Thunder Bridge Forest Camp.

GERRHONOTUS MULTICARINATUS SCINCICAUDA Skilton

Western Alligator Lizard

RANGE: South central Washington; north central Oregon; between the Coastal Range and the Cascades in Oregon; and northwestern California to the coast.

Washington: South central part of state.

KLUCKITAT: Columbia R, opp John Day R (USNM 44967); Grand Dalles, 2 mi. N, 3 mi. N, and 5 mi. N; Lyle, 7 mi. E; Roosevelt (0:170); Spearfish Indian Village; Wishram, 5 mi. W. SKAMANIA: Stevenson, 11.6 mi. E. YAKIMA: Naches, 1.5 mi. NW; Toppenish, 21 mi. SW.

EUMECES SKILTONIANUS Baird and Girard

Western Skink

RANGE: Southern British Columbia east of the Cascades, southward in eastern Washington, Idaho, and western Montana, Oregon, and northern California; southward along the coast of California into northern Lower California; southward in the Great Basin in eastern Nevada and western Utah into northwestern Arizona.

Washington: Known from all counties in eastern Washington except three.

ADAMS: Lind; Swamp L (Taylor 1935:426). ASOTIN: Snake R, 1 mi. above mouth of Grande Ronde. CHELAN: Chelan, 8 mi. N, and 13 mi. N; Lake Chelan, Congdon up L camp, and Shrine Beach. COLUMBIA: Tucannon Fish Hatchery. DOUGLAS: East Wenatchee. FERRY: Kettle Falls, 4.2 mi. W. GARFIELD: Across from Wawawai; Island below Alamota. GRANT: Coulee Dam, 5 mi. SE; Dry Falls, Grand Coulee (MVZ 37193-4). KITTITAS: Ellensburg, 11 mi. NE. KLUCKITAT: Grand Dalles, 5 mi. N; Lyle, 2 mi. W; Spearfish, near. LINCOLN: Odessa, 9 mi. W. OKANOGAN: Pateros. PEND OREILLE: Newport, 2 mi. NW (road on N side of river) (WSU 58 #389-390, 6 July 58, Metter). SPOKANE: Cheney (MVZ 8659-61, 9143); Spokane (MVZ 8662), and 3 mi. NW.

DISTRIBUTION OF REPTILIA IN THE STATE OF WASHINGTON		REGIONS		COAST								PUGET SOUND				CASCADES				CENTRAL		EAST CENTRAL		EAST		COMMON NAMES															
		counties		N		S		N		S		W		E		S		N		S		N		S			TOTALS														
		CLALLAM	JEFFERSON	MASON	GRAYS HARBOR	PACIFIC	WALKER HARBOR	SAN JUAN	ISLAND	KITSAP	THURSTON	LEWIS	CLATSOP	CLATSOP	WASCO	SKAGIT	SKAGIT	KING	PIERCE	SKAMANIA	OKANOGA	CHELAN	KITTIMAN	YAKIMA	KLICKITAN			DOUGLASS	GRANT	BENTON	FERRY	LINCOLN	ADAMS	FRANKLIN	WALLA WALLA	BENNETT	STEVENS	WALLA	WITMAN	GARLAND	COLUMBIA
TURTLES	<i>Clemmys marmorata marmorata</i>								●						●	●																						4	Pacific Terrapin		
	<i>Chrysemys picta belli</i>								●		●	●					●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	19	Western Painted Turtle	
	<i>Chelonia mydas agassizi</i>			●	●																																		2	East Pacific Green Turtle	
LIZARDS	<i>Sceloporus occidentalis occidentalis</i>	○	●	●					●							●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	15	Pacific Blue-bellied Lizard		
	<i>Sceloporus graciosus gracilis</i>																	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	○	●	●	●	11	Sand Swift		
	<i>Uta stansburiana stansburiana</i>																		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	9	Northern Brown-shouldered Uta		
	<i>Phrynosoma orbiculare douglasi</i>																		●	●	●	●	●	●	●	●	●	●	●	●	●	●	○	●	●	●	●	14	Pigmy Horned Lizard		
	<i>Phrynosoma platyrhinos platyrhinos</i>																																		○	●	●	1	Desert Horned Lizard		
	<i>Gerrhonotus coeruleus principis</i>	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	26	Northern Alligator Lizard	
	<i>Gerrhonotus multicarinatus scincicauda</i>																																						3	Western Alligator Lizard	
<i>Eumeces skiltonianus skiltonianus</i>																																						17	Western Skink		
SNAKES	<i>Charina bottae plumbea</i>	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	29	Northwestern Rubber Snake		
	<i>Thamnophis ordinoides</i>	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	22	Puget Garter Snake		
	<i>Thamnophis elegans vagrans</i>																																						21	Wandering Garter Snake	
	<i>Thamnophis elegans nigrescens</i>	●	●	●				●	●	●				●	●	●																							12	Dusky Garter Snake	
	<i>Thamnophis sirtalis concinnus</i>																																						3	One-striped Garter Snake	
	<i>Thamnophis sirtalis pickeringi</i>																																						4	Nisqually Garter Snake	
	<i>Thamnophis sirtalis trilineata</i>	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	15	Puget Sound Garter Snake		
	<i>Thamnophis sirtalis fitchi</i>	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	32	Northwestern Garter Snake		
	<i>Diadophis amabilis occidentalis</i>																																						6	Western Ring-neck Snake	
	<i>Coluber constrictor mormon</i>																																						24	Western Yellow-bellied Racer	
	<i>Masticophis taeniatus taeniatus</i>																																						5	Western Striped Racer	
	<i>Pituophis melanoleucus catenifer</i>																																						1	Coast Gopher Snake	
	<i>Pituophis melanoleucus deserticola</i>																																						19	Desert Gopher Snake	
	<i>Lampropeltis zonata multicincta</i>																																						2	Mountain King Snake	
	<i>Contia tenuis</i>																																						2	Sharp-tailed Snake	
<i>Hypsiglena torquata deserticola</i>																																						4	Desert Spotted Night Snake		
<i>Crotalus viridis oregonus</i>																																						20	Pacific Rattlesnake		
TOTALS		7	6	7	6	5	5	4	5	7	9	6	8	7	5	5	5	9	12	12	11	14	17	20	9	12	10	8	10	9	9	12	7	8	10	11	7	8	8	342	MARCH 1 1963

Dots ●=U.P.S. has specimens

Circles ○=other museums have specimens

STEVENS: Colville; Kettle Falls. WHITMAN: Alamota, 9 mi. W; Pullman (MZ 56233); Wawawai (MZ 56234); Wilma (Svihla & Svihla 1933:127). YAKIMA: Naches, 1.3 mi. NW.

CHARINA BOTTAE PLUMBEA Baird and Girard

Northern Rubber Snake

RANGE: Northern California and Douglas County, Arizona, northward through Oregon, Idaho, and Washington to southern British Columbia.

Washington: Found in most of the counties except the very driest. ASOTIN: Arnold Spring, 1 mi. S. CHELAN: Chelan L, at 25 mile Cr; Coyote Cr; Lucerne (USNM 61597). CLALLAM: Elwah R; Port Angeles; Lake Mills, .5 mi. N of outlet. CLARK: Battle Ground. COLUMBIA: Blue Mountains (V 1922:642); Tucannon Fish Hatchery. COWLITZ: Kalama, 2 mi. N; Woodland, 10.1 mi. E. FERRY: Danville, 4.5 mi. W. GARFIELD: Chapparal Camp. ISLAND: Camano Is, S end (UW no number, collected by Trevor Kincaid). KING: Lister; Seattle (USNM 16148-52); Seattle, SW. KITSAP: Port Orchard. KITTITAS: Cle Elum, 3 mi. W. KLICKITAT: Glenwood, 20 mi. S. LEWIS: Ohanapecosh. LINCOLN: Reardon, 6 mi. N. MASON: Scout Camp across Hood Canal from Hoodport. OKANOGAN: War Cr (WSU 39(53)). PEND OREILLE: Newport, 4 mi. NW; Pend Oreille Co. (SDSNH 4919). PIERCE: Chambers Cr; East Cromwell; Ft. Steilacoom (USNM 4494); Fox Is, old brick yard; Tacoma, foot of Hylabos Hill, and S 90th & Portland Ave. SKAMANIA: Lewis R, near Curly Cr. SNOHOMISH: Warm Beach. SPOKANE: Spokane. STEVENS: Colville, 12 mi. E. THURSTON: Rainier, 3 mi. W; Long L, N end; Mud Bay; Tenino, 7 mi. S (USNM 76199). WAHKIAKUM: Cathlamet, 8 mi. E. WALLA WALLA: College Place; Kooskooskie. WHATCOM: Bellingham (MVZ 16964); Chucknut Drive. WHITMAN: Kamiak Butte (Svihla & Svihla 1933:127); Pullman (USNM 26628) (MZ 56232). YAKIMA: Bumping L (USNM 60235-6); Naches RS. PUGET SOUND, no county given (USNM 594, 4492, 7299).

THAMNOPHIS ORDINOIDES Baird and Girard

Puget Garter Snake

RANGE: Southern British Columbia; southward through Washington, Oregon, to western Del Norte County, California.

Washington: All of western Washington; and the three southern counties on the east slope of the Cascades.

CLALLAM: Cape Alava; E Twin R (WSU); Forks (CAS 46491); L Mills, .5 mi. N of outlet; Morse Cr, near H'y; Port Angeles; Port Angeles, 12 mi. S, Elwah R (WSU); Port Angeles, 30 mi. from (CNHM 485-6); Sequim, 1 mi. NW; Washington Harbor. CLARK: Amboy, 1.5 mi. NE (MVZ 34651); Vancouver, 8 mi. E on old Camas Rd; Yacolt, 3.5 mi. E & 5 mi. N (MVZ 34259), 1.5 mi. W (MVZ 34260). COWLITZ: Cougar; German Cr. Rd, 5 mi. up; Kalama, 2 mi. N; Kelso, 6 mi. NE (MVZ 27007); Longview, 2 mi. S. GRAYS HARBOR: Aberdeen (USNM 4437-8, 4425-6); Copalis Beach; Hump-tulips; McCleary; Melbourne (CAS 29930-40); Montesano (CAS 24101-3); Westport (MZ 65059). ISLAND: Camano Is, Camano Beach, and 1 mi. N, and 3 mi. N, and 2 mi. W of bridge; Whidby Is, Ala Spit, N

Beach, 2 mi. S of Deception Pass bridge. JEFFERSON: Duckabush R at mouth; Elwah R (USNM 64406); Indian Is, S end; Marrowstone Is, 1 mi. N of bridge; Mt. Steele (MZ 55429-30); Protection Is, Quilcene, 3 mi. N; Seal Rock Park. KING: Bellevue, 4.5 mi. E (MVZ 38653-5, 38657-8, 38660-5, 38667, 38670, 38674; Carnation (0:171); Mowry Is, S end; Seattle (USNM 16153-5) (SDSNH 4917-8) (CNHM 792, 799-802) (0-171) (LMK); Vashon Is, Harbor Heights, Indian Point, Magnolia, Newberrys. KITSAP: Bainbridge Is, SW cor; Blake Is, E side; Bremerton (USNM 64094-7, 64099, 64101-3); Gorse Cr (USNM 62688, 62690-1, 62693-700, 62702-4); Holly (MZ 65280); Port Orchard, 4 mi. S; Winslow on Bainbridge Is. KITTITAS: Naches R at Cub Cr. KLICKITAT: Northwestern L, 1 mi. NW; Trout Lake, 3 mi. S. LEWIS: Lewis & Clark S. P. (MVZ 24899); Rainbow Falls, 5 mi. SE; Toledo (USNM 44239), 1 mi. S, and 5 mi. S. MASON: Dewatto (MZ 80756); Harstene Is, .5 mi. S of ferry, and 2 mi. N of ferry; Hood Canal (MZ 86655); Hoodport (MZ 52907-8, 55423-5); Hope Is; L Cushman (MZ 55418-22) (CAS 55301) (AMNH 32482-3); L Cushman, Dry Cr (MZ 55426, 55431-3, 55477, 65316), Mt. Rose (MZ 65313-5), Putnam Ranch (MZ 55434), Staircase Camp (AMNH 43488-9); McMicken Is; Reach Is; Shelton (AMNH 23462); Squaxin Is, SW cor; Stretch Is; PACIFIC: Chinook, 4 mi. W (MVZ 29347-8), 2.5 mi. NE (MVZ 34288), 2.5 mi. SE (MVZ 34236, 34650); Frances; Lebam (CAS 3878); Nasel (USNM 25954); Northhead; Ocean Park (0:171); Shoalwater Bay (USNM 957-8, 8055); Trapp Cr (CAS 29923-6). PIERCE: Anderson Is, schoolhouse and NW cor; Deadmans Is; Eatonville, 2 mi. W on Little Mashek R; Electron L (MVZ 37203); Fort Steilacoom (USNM 951, 44429-83; 5224-5; 7239); Fox Is, Jackson's place near ferry; Herron Is; Ketron Is, S end; Longmire; McKenna (MZ 80752); Mt. Rainier (USNM 62528, 62549); Muck Cr (LMK 37615-20); Parkland (MZ 80753-5); Raft Is; Tacoma, 68th & S Alaska, and 4 mi. SE. SAN JUAN: Blakely Is, Thatcher; Friday Harbor (MVZ 36434-5, 36438) (0:171); Lokez Is, Adlin Park, and Spencer Spit; Orcas Is, E Sound; San Juan Is (CNHM 35134-5, 38034-5), Garrison Bay, and Sportsman L. Shaw Is, SW cor; Sucia Is, Fossil Bay. SKAGIT: Anacortes (Tanner:1940:144); Cypress Is, Secret Harbor, and Strawberry Bay; Fidalgo Is, Alexander Beach, Campbell L, and Rosario Beach; Mt. Vernon (USNM 44286-8), and 3 mi. W; Quemes Is, S beach; Saddle Bag Is; Samish Is, W end; SKAMANIA: Cape Horn; Carson (USNM 61637); Randle, 28 mi. S; Skamania Co. (USNM 61611); Stevenson (USNM 61610). SNOHOMISH: Darrington (CAS 30508-11); Everett, just above pulp mill, and 3 mi. E; Mukilteo; Snohomish (MVZ 18994-6). THURSTON: McKenna, 1 mi. W (LMK 37614); Mud Bay; Nisqually, 3 mi. W; Steamboat Is; Summit L; Tenino (USNM 44258), and 2 mi. N; Yelm, 11 mi. SE (LMK 37621-4). WAHKIAKUM: Cathlamet (USNM 61609, 61638), and 6 mi. N; Deep Cr; Grays River, 4 mi. N. WHATCOM: Bellingham (MVZ 16969-77, 16979-80, 16982-99, 17000) (0:171) (Tanner 1940:144); Deming, 2 mi. S, 3 mi. E, and 2 mi. W; Lummi Is, N end of W side; Nooksack Bottom (MVZ 16968); Sumas, 10 mi. SW; Toad L. YAKIMA: American R. Camp, 1 mi. E; Boulder Cave camp ground.

THAMNOPHIS ELEGANS VAGRANS Baird and Girard

Wandering Garter Snake

RANGE: Great Basin and Rocky Mountain regions in North

America from Banff and Rocky Mt. Park, Alberta, southward to the Black Hills and to extreme western Oklahoma; in Montana, Wyoming, montane Colorado, and most of New Mexico; throughout Idaho, Nevada, and Utah; entering central California from the Great Basin, westward to the Sierra Nevada in Tulare Co, northwestern Arizona.

Washington: Only east of the Cascades.

ADAMS: Bengie; Sprague, 6 mi. S (USNM 61516). ASOTIN: Anatone, 10 mi. W; Grouse Flat, BENTON: Paterson (MVZ 29264); Prosser, 2.4 mi. NW, CHELAN: Entiat (USNM 61616); Hart L (USNM 61622); Lake Chelan; Congdon-up-lake camp, Rex Cr, Shrine Beach; Lake Chelan (USNM 44231-2); Meadow Cr (USNM 61636); Stehekin (USNM 61515, 61631). COLUMBIA: Dayton, 7 mi. S; Humpeg Falls (MVZ); Marengo, 2 mi. NW. DOUGLAS: Moses Coulee; Rattlesnake Springs; Rock Is, 2 mi. NW, FERRY: Brush Cr, at Sanpoil R; Republic, 3 mi. E. FRANKLIN: Kahlotus. GARFIELD: Pomeroy, 10 mi. W. GRANT: Coulee Dam, 5 mi. SE. KITTITAS: Cle Elum (MVZ 37206); Ellensburg, 10 mi. E; Teanaway, and 9 mi. E; Teanaway Junction; Teanaway R. KLUCKITAT: Klickitat R, 2 mi. up from Columbia R; Lyle, 3 mi. NE, and 2 mi. W; Columbia R slough. LINCOLN: Crab Cr, 2 mi. E of Sylvan L; Peach. OKANOGAN: Beaver L (0:171); Methow R (0:171); Tonasket, 15 mi. E (MVZ 37205); Tunk Mt (USNM 63270); Winthrop, 2.5 mi. NW. PEND OREILLE: Diamond L (V:832); Kaniksu Pass, 8 mi. E; L Sullivan; Newport, 8 mi. N (MVZ 37204); Sullivan L (MVZ 37207). SKAMANIA: Stevenson, 11.6 mi. E. SPOKANE: Spokane, STEVENS: Colville, 3 mi. NW; Springdale (MZ 55197-202). WALLA WALLA: Ft. Walla Walla (USNM 10911-12, 10915, 10917, 13776); Kooskooskie; Prescott (MZ 56949-50, 56955); Touchet, 3 mi. E; Touchet R, 2 mi. E of Prescott (MZ 56923); Wal-lula (MVZ 5582-3). WHITMAN: Bald Butte (WSU 72); Colton, 1 mi. N; Kamiak Butte, pond N of; LaCross, 4 mi. SW; Palouse, 3 mi. SW; Palouse R (0:171); Pullman (WSU 70-1) (MZ 55468-70, 56238). YAK-IMA: Bumping L (USNM 60245-6); Conrad Meadows (USNM 60249-53); McAllister Meadows (USNM 60248); N Yakima, Naches R (USNM 21485); Satus Cr, between Toppenish and Goldendale; Yakima, 9 mi. S.

THAMNOPHIS ELEGANS NIGRESCENS Johnson

Dusky Garter Snake

RANGE: Vancouver Island, Puget Sound area in Washington and British Columbia.

Washington: Lowlands of western Washington (but not out to the coast) and up as high as the lowest part of the Hudsonian Zone.

CLALLAM: Washington Harbor; GRAYS HARBOR: Malone, 7.4 mi. N; JEFFERSON: Duckabush R at mouth; KING: Bellevue, 4.5 mi. E (MVZ 38656, 38658-9, 38666, 38668-9, 38671-3); Grotto; Paradise L, .5 mi. S (MVZ 41333); Seattle (0:171 as T. o. biscutatus), and 5 mi. S. KITSAP: midway between Bremerton and Belfair; Holly, 1 mi. N. LEWIS: Toledo, 1 mi. S, and 1.5 mi. S (MVZ 24900). MASON: Allen, 2 mi. N, and on road toward Gig Harbor; Hoodspout (MZ 52907-8); Lake Cushman (MZ); pond on Stretch Is; Shelton, 5 mi. N. PIERCE: Clover Cr. Sanitarium; Eatonville, 2 mi. W on Little Mashel R; Ft. Lewis Reservation, Mooring mast site, and Carolines Pond in NE cor; Tacoma area; gravel pit S of Meadow Park

Golf Course, 12th St. swamp; South Tacoma, University Place; Fort Steilacoom (USNM 7239); Henderson Bay, Camp Seymour; Harts Lake, 2 mi. N. SAN JUAN: Lopez Is, Odlin Park; Orcas Is, Orcas Knob, and N end; San Juan Is, Cattle Point (MVZ 27008), Friday Harbor (MVZ 27009, 27011-2, 36436-7), and 2 mi. N; Shaw Is, SW part. SKAGIT: Samish Is, W end. THURSTON: Black L, and 7 mi. W; Deep L; McAllister Cr; Mud Bay; Tenino, 4 mi. SW; Yelm, 2 mi. S. WHATCOM: Bellingham (MVZ 17002-11, and 1 mi. S; Whatcom Pass (USNM 63269).

THAMNOPHIS SIRTALIS CONCINNUS Hallowell

One-striped Garter Snake

RANGE: Parts of western Washington and Oregon. Some authors have claimed it is found in southern British Columbia.

Washington: In three counties along the Columbia River in southwestern part of the state.

CLARK: Evergreen H'y, 2 mi. W of Skamania - Clark county line; Fort Vancouver (USNM 944); Lewis R at Columbia R; Vancouver, 6 mi. N; Washougal, 3 mi. E; Woodland, 1 mi. S. COWLITZ: Castle Rock, 5 mi. N; German Cr, 1 mi. E; Kalama, 1 mi. NW, and 2 mi. N; Longview; WAHKIAKUM: Cathlamet, 1 mi. W, and 1 mi. E.

THAMNOPHIS SIRTALIS PICKERINGI Baird and Girard

Nisqually Garter Snake

RANGE: Four counties around southern Puget Sound.

Washington: Four counties around southern Puget Sound.

KING: Bothell, 4 mi. E. MASON: Shelton, 10 mi. E. PIERCE: Clover Park, SW of Tacoma; S Tacoma Swamp; Sylvan, .5 mi. W; Tacoma, 12th St Swamp, and 10 mi. S. THURSTON: Lacey, 5 mi. SE; Patterson L, outlet.

THAMNOPHIS SIRTALIS TRILINEATA Cope

Puget Sound Garter Snake

RANGE: Puget Sound region and Vancouver Island.

Washington: Puget Sound region and southwest to the ocean.

CLALLAM: Port Angeles, 23 mi. SE. GRAYS HARBOR: Aberdeen, city reservoir; Copalis Beach, 9 mi. E. ISLAND: Whidby Is, N end. JEFFERSON: H'y 101 at Mason-Jefferson Co. line, 29 mi. N; Indian Is, 2 mi. N of ferry; Lake Crocker; Lake Leland; Seal Rock. KING: Webb Center, 2 mi. E; Lake Meridian. KITSAP: Bainbridge Is, lake, and S end; Blake Is, E side; Port Orchard, 4 mi. S. LEWIS: Rainbow Falls, 5 mi. SE; Randle, 1 mi. SE. MASON: Allyn, 2 mi. N, and on road toward Gig Harbor; Shelton, 5 mi. NE; Stretch Is. PACIFIC: Frances; Naselle R, and 1 mi. E; Raymond. PIERCE: Buckley, 2 mi. SW; Clear Cr, Puyallup Valley; Eatonville, 2 mi. W; Gig Harbor, on road toward Allyn; Glen Cove, Henderson Bay; Herron Is, N end; Raft Is. SAN JUAN: Friday Harbor; Garrison Bay; Thatcher. SKAGIT: Campbell L, Fidalgo Is; Guemes Is. SNOHOMISH: Everett, 3 mi. E; Stickney L. THURSTON: Deep L, and 1 mi. N; Mud Bay. WHATCOM: Sumas, 8 mi. SW.



THAMNOPHIS SIRTALIS FITCHI Fox

Northwestern Garter Snake

RANGE: The great valleys of California between the Coast Range and the Sierras, extending into western Nevada; reaching the coast in northwestern California and southwestern Oregon; eastern Oregon; Washington, Idaho and British Columbia.

Washington: Over most of the state. (Of the seven remaining counties to find it in, three of them are eastern and four western).

ADAMS: Benge; Ritzville, 13.3 mi. E. ASOTIN: Grouse Flat. CHELAN: Chelan; L Wenatchee; Stehekin (USNM 61607); Winton. CLALLAM: Cape Alava; Cape Flattery, 8 mi. S; Elwah R, below old home ranch; Obstruction Point, 1 mi. S; Ozette L. CLARK: Vancouver, 8 mi. E, and 6 mi. N. COLUMBIA: Maringo, 2 mi. NW. COWLITZ: Castle Rock, 2 mi. S; Merrill L. DOUGLAS: Grand Coulee Dam, 6.5 mi. W. FERRY: Barret Cr; Republic (SDSNH 21101); Round L. GRANT: Coulee Dam, 5 mi. SE; Dry Falls (0:172). GRAYS HARBOR: Cosmopolis, 2 mi. S; Elma, near golf course; Elwell Cr. trail, 2 mi. S of Quinault R; Grayland; L Quinault, 10 mi. W. ISLAND: Camano Beach, 5 mi. N. JEFFERSON: Kalaloch, 5 mi. N; Jackson RS; Seal Rock Park. KING: Denney Cr; Grotto, 7 mi. SE. KITSAP: Blake Is. W side. KITTITAS: Snoqualmie summit, 22.4 mi. E. KLUCKITAT: Bingen, 1.5 mi. E; Guler (MVZ 29236); Lyle, 2 mi. W; Spearfish Indian Village; Trout L (USNM 61614, 61634-5). LEWIS: Canyon Rim, R. N. P.; Chehalis, 1 mi. N; Longmire, .7 mi. SW (S side of Nisqually R); Rainbow Falls, 5 mi. SE. LINCOLN: Creston, 6 mi. W. OKANOGAN: Beaver L (0:172 under T. s. parietalis); Tanasket, 24 mi. E. PACIFIC: Johnsons Landing; Long Beach; Naselle R, H'y 101; Northhead; Smith Cr RJ; Willapa Harbor, S end. PEND OREILLE: Baker L (near Davis L); Cusick, 11 mi. SW; L Sullivan; Newport, 7 mi. NW. PIERCE: Carbon R entrance to RNP. SKAGIT: Sedro Woolley, 3 mi. NE; Fidalgo Is, W end of Campbell L. SKAMANIA: Carson (USNM 61613); Council Pass (W of Mt. Adams); Moffits Hot Springs; North Bonneville, 1 mi. W; Stevenson, 2 mi. W; Willard RS, 3 mi. S. SNOHOMISH: Beckler R, 6 mi. up from Skykomish R; Snohomish, 3 mi. SE; Verlot. SPOKANE: Cheney (MZ 46537-42, 46553); Spokane. Chewelah, 8 mi. NW; Hunter, 12 mi. S; Lead Point, 6.5 mi. N; Old Dominion Mine (camp); Springdale (MZ 55186-96). WAHAKIAKUM: Skamakawa (at town); 3 mi. SE, and 4 mi. SE. WALLA WALLA: Fort Walla Walla (USNM 10634-8, 10909-10, 10916). WHITMAN: Hole-in-the-ground; Pullman and Alamota (Svihla & Svihla 1933:127); Pullman (MZ 46551-2); Thornton (SDSNH 24118). YAKIMA: Boulder Cave Camp Ground; Chinook Pass, 5 mi. E; N Yakima (USNM 44289); Toppenish, 9 mi. SE; Yakima Indian Reservation (USNM 60257).

DIADOPHIS AMABILIS OCCIDENTALIS Blanchard

Western Ring-neck Snake

RANGE: Sonora County, California, northward to Washington. Washington: Along the Snake and Columbia rivers from Whitman to Cowlitz counties.

CLARK: Camas. COWLITZ: Kalama (WSU no number), the above was sent in by Dr. Lomen S. Roach, of Kalama, Wash. Aug. 19, 1937; Kalama, at edge of high school grounds. KLUCKITAT:

Satus Pass. SKAMANIA: Underwood, Boughton Lumber Co. WHITMAN: Colfax (Svihla 1938:47); Granite Point, Snake R; Wawawai (WSU 19, collected by W. W. Baker, Sept. 1929). YAKIMA: Naches, 5 mi. W.

COLUBER CONSTRICTOR MORMON Baird and Girard

Western Yellow-bellied Racer

RANGE: Southern British Columbia, through the Great Basin to southern Arizona; throughout California; and east of the Coastal Range in Oregon and Washington.

Washington: All of eastern part of state; and in the Puget Sound trough from Pierce County south.

ADAMS: Benge; Lind; Washtucna, 8 mi. N. ASOTIN: Bly (USNM 62524-5); Rogersburg (USNM 62523); Wenatchee Cr, near Grande Ronde R, and at Grouse Flat. BENTON: Kennewick (0:171), 9 mi. NW, 9 mi. S & 2 mi. E (MVZ 29250); Paterson, 4 mi. E (MVZ 29251), 2 mi. SW (MVZ 29252); Richland, 2 mi. SE (MVZ 35204); Whitcom, 4 mi. W. CHELAN: Chelan (USNM 44388), and 7 mi. N; Dryden, 16 mi. S (MVZ 37195), Peshastin Cr (0:171). COLUMBIA: Tucannon GS. COWLITZ: Kalama, High School grounds. DOUGLAS: Orondo, 2 mi. S. FERRY: Curlew, 10 mi. N (MVZ 37196); Kettle Falls, 4.2 mi. W; Republic, 15 mi. S. FRANKLIN: Kahlotus, 2 mi. SW; Lyons Ferry (WSU 76); Pasco, 1 mi. SW. GARFIELD: Alamota, 1 mi. E; Pomeroy, 11 mi. E. GRANT: Crab Cr, 3 mi. above Moses L; Dry Falls. KITTITAS: Priest Rapids, 1 mi. W from head of; Vantage, .5 mi. N. KLUCKITAT: Alderdale; Appleton, 5 mi. S; Grand Dalles (USNM 60262), and 5 mi. E; Lyle (USNM 61629); Satus Pass, 4 mi. NE; Spearfish, near; Wishram, near H'y. LINCOLN: Crab Cr, 2 mi. E of Sylvan L; Sprague (USNM 61627-8). OKANOGAN: Alta L; Katar, 9 mi. NW; Nespelum, 1 mi. S, 2 mi. S & 11 mi. W; Pateros (0:171); Tonasket, 11 mi. E; War Cr (0:171). PEND OREILLE: Baker L, near Davis L. PIERCE: Ft. Lewis Reservation; Ft. Steilacoom (USNM 1760, 5224 now 107165, 5226); Lakeview; R. R. crossing, E of Shaver L. SKAMANIA: Cape Horn Sta, 1 mi. W; Skamania. SPOKANE: Chattaroy, 3 mi. NE; Spokane, S city limits. STEVENS: Kettle Falls, 1 mi. E; Springdale (MZ 55158). THURSTON: McKenna, 1 mi. SW. WALLA WALLA: Burbank, 2 mi. NW (MVZ 29254), 1 mi. N (MVZ 29253); Ft. Walla Walla (USNM 10834, 10908, 12583); Kooskooskie; Walla Walla R, at mouth. WHATCOM: Sumas (V 1922:663) (not allowed on chart but maybe it should be). WHITMAN: Almota (USNM 44320); Pullman and Hole-in-the-ground (Svihla and Svihla 1933:127); Wawawai, 18 mi. SE. YAKIMA: Cliffdell, 4 mi. SE; Mabton, 6 mi. NW; N Yakima (USNM 44438) (WSU 167); Toppenish, 9 mi. SE. NO COUNTY GIVEN: Puget Sound (USNM 4418-9, 4454).

MASTICOPHIS TAENIATUS TAENIATUS Hallowell

Western Striped Racer

RANGE: Great Basin and bordering areas from Idaho through eastern Oregon, Utah, and Nevada, eastern California, Arizona, and southwestern New Mexico, also, south central Washington.

Washington: From Grant and Kittitas counties south. BENTON: Benton City, 10 mi. NE. FRANKLIN: Ringold, 1 mi. S.

GRANT: Vantage (Svihla letter of Sept, 23, 1941). KITTITAS: Ginkgo Petrified Forest State Park. YAKIMA: Toppenish, 9 mi. SE.

PITUOPHIS MELANOLEUCUS CATENIFER Blainville

Coast Gopher Snake

RANGE: British Columbia to Oregon west of the Cascades; California west of the Sierra Nevada, southward to the northern border of Santa Barbara County.

Washington: Pierce and Thurston counties, possibly. (We have not found it in Washington; but what we believe to be good sight records have been reported to us from Thurston County).

PIERCE: Ft. Steilacoom (USNM 2287). WHATCOM: Sumas (Lord 1866 vol. 2:307) (Not allowed on chart). NO COUNTY GIVEN: Puget Sound (USNM 5471).

PITUOPHIS MELANOLEUCUS DESERTICOLA Stejneger

Desert Gopher Snake

RANGE: Kamloops-Okanogan area in British Columbia southward and eastward through the Great Basin to the northern edge of the Colorado Desert and northern Arizona.

Washington: Eastern part of the state.

ADAMS: Othello, 13 mi. E; Washtucna, 5.4 mi. E. ASOTIN: Asotin (WSU 160); Bly (USNM 62546); Silcot, 3.9 mi. W. BENTON: Gun Club on McCree R; Kennewick (0:171); Paterson (MVZ 29257); Prosser, 10 mi. NE (on N side of R); Richland, 2 mi. SE (MVZ 35204). CHELAN: Chelan; Entiat, 13.3 mi. N; Meadow Cr. (USNM 61630). COLUMBIA: Dayton, 9 mi. N; no place given (V:1922:717). DOUGLAS: East bank of the Columbia R at Rock Is; East Wenatchee, 8 mi. SE; H'y 1 mi. NE of Moses Coulee; Orondo; Palisades in Moses Coulee. FERRY: Keller, 2.5 mi. S. FRANKLIN: Pasco, 3 mi. N, 5 mi. ENE (MVZ 29258-9); Ringold, .5 mi. E. GARFIELD: Central Ferry, S side of Snake R. GRANT: Devils L; Devils Punch Bowl; Grand Coulee (WSU 90-1); Moses L, 14 mi. W, 11 mi. SE, E side; Neppel, 10 mi. W (MVZ 37202); Trinidad (0:171), 3 mi. E (MVZ 37201); Vantage, 4 mi. N; Warden, 2 mi. E. KITTITAS: CleElum, 9 mi. E; Ellensburg, 10 mi. S, 19 mi. S (Yakima Canyon); Ginkgo State Park; Vantage, 2 mi. S. KLICKITAT: Columbia R, up little draw with cr; Grand Dalles; Klickitat R, 2 mi. from Columbia R; Maryhill, Columbia R (MVZ 17957). LINCOLN: Reardon, 10 mi. N. OKANOGAN: Alta L; Omak L; Osoyoos L (MVZ 37198); Pateros, 3 mi. S, 4 mi. S; Tonasket, 5 mi. N (MVZ 37199). SPOKANE: Marshall (USNM 16495); Spokane, and 3 mi. S; NO PLACE GIVEN (SDSNH 4916, 4920). STEVENS: Chewelah, 3 mi. SE; Colville (V:1922:717) (Lord 1866, Vol. 2:307), 5 mi. N (MVZ 37197). WALLA WALLA: Attalia (MVZ 35206); Ft. Walla Walla (USNM 10633, 10907, 10913, 12582); Lamar, 1 mi. W (MVZ 29260); Prescott (MZ 56958, 56960); Snake R, 1 mi. E of mouth (MVZ 35205); Touchet, 3 mi. W; Walla Walla, (MZ 56954) (WC 5487-8), near (WC 3192, 3301), 15 mi. W (WC 5486); Wallula (0:171) (MVZ 5577), 3 mi. E (MZ 56954, 56956, 56957, 56959). WHITMAN: Almota (USNM 44369); Bishop, 8.2 mi. E; Fullerton, .5 mi. E, 1 mi. E; Pullman (WSU 161-2); Rock Cr (WSU 163); St. John (WSU 69); Wawawai (MZ 56235-6) (WSU 73-4). YAKIMA: Mabton, 3 mi. N; Moxee, 1.75 mi. NE (MVZ 37122); Satus Cr. on road between

Toppenish and Goldendale: Toppenish (MVZ 37200), 8.6 mi. SW, 12 mi. SW.

LAMPROPELTIS ZONATA MULTICINCTA Yarrow

Mountain King Snake

RANGE: The Sierra Nevada of California from Kern County northward to south central Washington.

Washington: Known only from Klickitat and Skamania counties; (but sight records in Asotin and Yakima counties).

KLICKITAT: Bingen, 2 mi. E, 5.3 mi. E; White Swan, .25 mi. N (Lewis 1942:129) (MVZ 37132). SKAMANIA: Underwood.

CONTIA TENUIS Baird and Girard

Sharp-tailed Snake

RANGE: Southwest British Columbia to south central California. Washington: Klickitat and Pierce counties.

KLICKITAT: Lyle. PIERCE: Gravelly L, N end; Puget Sound (USNM 7289).

HYP SIGLENA TORQUATA DESERTICOLA Tanner

Desert Spotted Night Snake

RANGE: Central Washington and southern Idaho, southward through Oregon, Nevada and Utah into Arizona and California.

Washington: South central part of state.

BENTON: No place given but likely Horse Haven Hills S from Prosser. GRANT: Beverly, 3 mi. N; Vantage (Svihla and Knox 1940:52) (Lewis 1942:129). KLICKITAT: Dallesport, 2.5 mi. N. WALLA WALLA: Burbank, 2 mi. S.

CROTALUS VIRIDIS OREGANUS Holbrook

Pacific Rattlesnake

RANGE: Southern British Columbia, through eastern Washington and Idaho, southward through Oregon, except coastal strip, and California to Monterey.

Washington: all of eastern Washington except Pend Oreille County.

ADAMS: Marcellus. ASOTIN: Asotin, 2.9 mi. up (W) Asotin Cr; Grande Ronde R (USNM 62526). BENTON: Kennewick, 9 mi. NW; White Bluffs (WSU 165, 169); No place given. CHELAN: Chelan (USNM 44381), 3 mi. N (MVZ 37211), Condon Camp-up-lake; Entiat (USNM 61590, 61625); Leavenworth (MVZ 37210); Wenatchee (SDSNH 1880, 1887, 1896). COLUMBIA: Tucannon R, 5,000 ft. elev. DOUGLAS: Moses Coulee. FERRY: Keller, 1 mi. S; Republic, 15 mi. S. FRANKLIN: Pasco, 8 mi. ENE (MVZ 29281); Ringold, .5 mi. N. GARFIELD: Troy (Oregon), 9 mi. above (Crocker Cr, Wash). GRANT: Coulee City (USNM 61591); Moses L, upper end, lower end; Ephrata (0:172); Quincy, 5 mi. W; Trinidad 1 mi. N; Vantage (0:172).

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KITTITAS: Priest Rapids, head of and 1 mi. W; Vantage, 4 mi. S, 6 mi. S. KLUCKITAT: Grand Dalles (USNM 60242-3), 3 mi. N, 4 mi. N, 5 mi. N; Lyle (SDSNH 772), 4 mi. N; Millers Is, E end (MVZ 29282); Wishram. LINCOLN: Downs, 5 mi. S; Sylvan L, 2 mi. E. OKANOGAN: Brewster (0:172); Nespelem, 2 mi. S and 11 mi. W; Omak L (USNM 63279); Pateros (Klauber 1936:11) (0:172) (SDSNH 4499-4510 & many others) (LMK 28970-29004 & many others); War Cr (0:172). SKAMANIA: Underwood; no place given (USNM 51875). SPOKANE: Chapman L. STEVENS: Long Lake Power Station; Springdale (MZ 55159). WALLA WALLA: Ft. Walla Walla (USNM 10914); Wallula. WHITMAN: Almota (Svihla and Svihla 1933:128); Alpowa, 12 mi. W of Lewiston; Bishop, and 7.4 mi. E; Hole-in-the-Ground (Svihla and Svihla 1933:128); Wawawai (MZ 56237), 17 mi. SE. YAKIMA: Moxie.

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U.P.S.

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<i>Chelonia mydas agassizi</i>			■			
<i>Sceloporus o. occidentalis</i>		■	■			
<i>S. graciosus gracilis</i>	■	■				
<i>Uta s. stansburiana</i>	■	■				
<i>Phrynosoma orbiculare douglassi</i>	■	■				
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<i>G. multicaudatus scincicauda</i>		■	■			
<i>Eumeces s. skiltonianus</i>		■	■			
<i>Charina bottae plumbea</i>		■	■			
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<i>T. s. fitchi</i>	■	■	■			
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<i>Pituophis m. catenifer</i>			■			
<i>P. melanoleucus deserticola</i>	■	■				
<i>Lampropeltis z. multicincta</i>		■				
<i>Contia tenuis</i>		■	■			
<i>Hypsiglena t. deserticola</i>	■	■				
<i>Crotalus viridis oreganus</i>	■	■	■			