

Table S3: Number of species and sightings of freshwater reptiles and observations near cities in Freshwater Ecoregions of the World

The number of freshwater reptile species recorded in Global Biodiversity Information Facility (GBIF) between January 2013 and April 2018 from each of 265 Freshwater Ecoregions of the World (FEOW) regions. This is based on the species list in Table S1. GBIF contained no sightings of the species in that list from the FEOW regions not included here.

Freshwater Ecoregion of The World	Records for the region		% of the Regions species	
	# Species	# Sightings	50 km	10 km
Aceh	1	3	0	0
Aegean Drainages	3	4	67	33
Alaska & Canada Pacific Coastal	4	124	100	75
Amatolo - Winterberg Highlands	1	1	0	0
Amazonas Guiana Shield	1	2	0	0
Amazonas High Andes	1	1	0	0
Amazonas Lowlands	19	123	32	5
Ameca - Manantlan	11	108	36	27
Apalachicola	22	213	55	14
Appalachian Piedmont	26	2088	58	50
Arabian Interior	1	1	0	0
Arafura - Carpentaria	23	1388	48	26
Ashanti	1	3	0	0
Atlantic Northwest Africa	3	18	67	33
Bahama Archipelago	1	2	0	0
Baluchistan	1	6	0	0
Bangweulu - Mweru	3	3	0	0
Bass Strait Drainages	8	150	100	50
Bight Drainages	7	64	100	29
Biwa Ko	1	1	0	0
Bonaerensean Drainages	1	1	0	0
Bonneville	1	6	0	0
Borneo Highlands	1	1	0	0
Canary Islands	2	4	50	50
Cantabric Coast - Languedoc	10	704	40	30
Cape Fold	3	65	100	67
Caspian Marine	1	2	0	0
Central & Eastern Java	4	6	0	0
Central & Western Europe	13	2754	85	31
Central Anatolia	2	2	0	0
Central Prairie	17	456	71	6
Chaco	3	6	0	0
Chagres	6	37	100	0
Chao Phraya	12	84	75	50
Chesapeake Bay	19	1679	74	53
Chiapas - Fonseca	11	78	82	36

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Freshwater Ecoregion of The World	Records for the region		% of the Regions species	
	# Species	# Sightings	50 km	10 km
Chin Hills - Arakan Coast	3	3	0	0
Chiriqui	9	97	11	0
Coastal East Africa	4	56	25	25
Coastal Fujian - Zeijang	1	1	100	100
Coastal Levant	1	2	100	100
Coatzacoalcos	6	213	33	33
Colorado	6	42	33	0
Columbia Glaciated	2	37	50	50
Columbia Unglaciated	4	49	100	75
Cuanza	3	5	67	0
Cuatro Cienegas	1	1	0	0
Cuba - Cayman Islands	2	5	0	0
Cumberland	9	99	67	33
Dalmatia	2	10	50	0
Death Valley	5	19	60	40
Dnieper - South Bug	2	3	0	0
Dniester - Lower Danube	3	104	67	67
Don	1	1	0	0
Drakensberg - Maloti Highlands	1	1	0	0
Dry Sahel	1	1	0	0
East Texas Gulf	34	4058	53	29
Eastern Borneo	3	3	67	33
Eastern Coastal Australia	19	4067	63	47
Eastern Iberia	13	2688	85	69
Eastern Yellow Sea Drainages	7	35	29	0
Eastern Zimbabwe Highlands	1	4	100	100
English - Winnipeg Lakes	3	102	100	100
Essequibo	5	10	0	0
Estero Real - Tempisque	7	127	57	43
Ethiopian Highlands	1	1	0	0
Etosha	1	3	0	0
Florida Peninsula	30	2831	73	53
Fluminense	1	1	100	0
Ganges Delta & Plain	13	42	77	31
Ganges Himalayan Foothills	3	20	67	33
Gila	10	400	50	20
Grijalva - Usumacinta	18	764	67	22
Guianas	7	14	29	14
Gulf of Venice Drainages	8	357	75	13
Guzman - Samalayuca	7	39	14	0
Hainan	1	2	0	0
Hawaiian Islands	2	9	50	50

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	# Species	# Sightings	50 km	10 km
Hispaniola	5	15	60	40
Honshu - Shikoku - Kyushu	5	37	80	40
Iguassu	2	4	100	0
Indian Ocean Slope of Sumatra & Java	9	20	22	22
Ionian Drainages	1	1	0	0
Isthmus Caribbean	7	16	0	0
Italian Peninsula & Islands	6	97	50	0
Jamaica	2	5	0	0
Jordan River	3	48	67	0
Kafue	3	5	33	0
Kalahari	1	1	0	0
Kapuas	2	2	0	0
Karstveld Sink Holes	2	2	0	0
Kasai	1	1	0	0
Khorat Plateau (Mekong)	5	8	0	0
Kimberley	2	9	0	0
Kura - South Caspian Drainages	4	11	25	0
Laguna dos Patos	2	3	0	0
Lahontan	3	7	33	33
Lake Eyre Basin	4	5	0	0
Lake Malawi	5	30	0	0
Lake Rukwa	2	3	0	0
Lake Tana	1	1	0	0
Lake Tanganyika	3	4	33	33
Lake Turkana	2	3	0	0
Lake Van	2	7	50	50
Lake Victoria Basin	5	50	40	0
Laurentian Great Lakes	16	2698	69	56
Lerma - Chapala	10	84	60	40
Lesser Sunda Islands	3	30	67	33
Llanos El Salado	6	11	50	17
Lower & Middle Indus	2	4	100	100
Lower & Middle Salween	5	21	0	0
Lower Lancang (Mekong)	1	2	0	0
Lower Mississippi	33	1320	45	36
Lower Niger - Benue	2	11	50	0
Lower Nile	1	1	100	100
Lower Parana	9	45	11	11
Lower Rio Grande - Bravo	14	586	50	29
Lower Tigris & Euphrates	1	1	100	0
Lower Uruguay	3	4	0	0
Lower Yangtze	4	11	50	25

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	# Species	# Sightings	50 km	10 km
Lower Zambezi	3	5	100	0
Madagascar Eastern Lowlands	2	4	50	0
Mae Khlong	4	13	50	50
Magdalena - Sinu	15	228	87	53
Malay Peninsula Eastern Slope	12	210	75	50
Malukku	1	1	0	0
Mamore - Madre de Dios Piedmont	10	51	0	0
Mar Chiquita - Salinas Grandes	1	1	0	0
Mariana Islands	1	3	0	0
Mayran - Viesca	4	9	25	0
Mediterranean Northwest Africa	2	2	0	0
Mekong Delta	3	3	33	33
Middle Amu Darya	1	1	0	0
Middle Missouri	12	282	67	42
Middle Saskatchewan	1	4	100	100
Middle Yangtze	1	1	100	100
Middle Zambezi - Luangwa	3	24	67	67
Mindanao	1	1	100	0
Mobile Bay	27	266	41	22
Mosquitia	3	10	33	0
Murray - Darling	11	2481	82	64
Namak	3	10	100	33
Namib	3	6	0	0
Namuda - Tapi	1	3	100	0
New Guinea North Coast	2	3	0	0
New Zealand	2	6	50	50
North Andean Pacific Slopes - Rio Atrato	14	50	50	7
Northeast US & Southeast Canada Atlantic Drainages	18	2470	83	56
Northeastern Borneo	7	39	71	14
Northeastern Caatinga & Coastal Drainages	1	2	100	100
Northeastern Mata Atlantica	1	1	100	0
Northern Anatolia	2	2	0	0
Northern Baltic Drainages	2	26	50	50
Northern British Isles	1	11	100	100
Northern Central Asian Highlands	1	1	0	0
Northern Central Sumatra - Western Malaysia	7	37	71	43
Northern Deccan Plateau	2	2	0	0
Northern Eastern Rift	1	6	0	0
Northern Gulf of Guinea Drainages - Bioko	1	1	0	0
Northern Philippine Islands	1	2	0	0
Northern Upper Guinea	3	3	33	33
Northwestern Borneo	9	15	44	0

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	# Species	# Sightings	50 km	10 km
Northwestern Madagascar	2	4	0	0
Ogasarawa Islands - Kazan Archipelago	3	3	0	0
Ogooue - Nyanga - Kouilou - Niari	1	2	0	0
Okavango	4	22	0	0
Oregon & Northern California Coastal	7	474	86	71
Orinoco Guiana Shield	1	1	0	0
Orinoco High Andes	2	13	0	0
Orinoco Llanos	15	330	0	0
Orinoco Piedmont	10	20	60	40
Ouachita Highlands	23	578	57	9
Ozark Highlands	24	291	50	8
Paleo	4	5	0	0
Pangani	1	1	0	0
Panuco	12	183	58	25
Papaloapan	13	116	77	54
Paraguay	8	67	0	0
Pecos	9	184	0	0
Pilbara	1	1	0	0
Placemark	3	3	33	0
Puerto Rico - Virgin Islands	2	14	100	50
Quintana Roo - Motagua	16	169	50	31
Ribeira de Iguape	1	1	0	0
Rio Balsas	10	36	50	30
Rio Conchos	2	4	0	0
Rio Negro	1	5	100	100
Rio Salado	10	72	10	0
Rio San Juan (Mexico)	8	66	63	50
Rio Santiago	13	95	69	38
Rio Tuirá	5	18	100	80
Sabine - Galveston	29	5120	69	52
Sacramento - San Joaquin	10	809	50	40
Sahara	1	1	0	0
San Juan (Nicaragua/Costa Rica)	17	327	47	6
Sangha	1	1	0	0
Santa Maria	2	7	0	0
Scotia - Fundy	5	54	40	40
Senegal - Gambia	4	32	75	75
Sierra Madre del Sur	12	87	25	17
Sinaloa	11	95	73	55
Solomon Islands	2	2	0	0
Song Hong	1	1	100	0
Sonora	9	48	44	11

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	# Species	# Sightings	50 km	10 km
South America Caribbean Drainages - Trinidad	6	44	50	0
Southeast Adriatic Drainages	2	6	0	0
Southeastern Borneo	6	10	17	0
Southeastern Ghats	3	5	67	0
Southeastern Korean Peninsula	4	12	0	0
Southeastern Mata Atlantica	2	2	50	50
Southern Anatolia	2	4	0	0
Southern Annam	2	3	50	0
Southern California Coastal - Baja California	12	964	75	58
Southern Central Sumatra	3	4	33	0
Southern Eastern Rift	4	11	0	0
Southern Gulf of Guinea Drainages	4	4	25	25
Southern Hudson Bay	1	1	0	0
Southern Iberia	8	1314	88	88
Southern Kalahari	2	5	50	0
Southern Sumatra - Western Java	8	18	50	38
Southern Tasmania	2	16	100	0
Southern Temperate Highveld	5	141	100	20
Southwest New Guinea - Trans-Fly Lowland	1	1	0	0
Southwestern Arabian Coast	1	2	0	0
Southwestern Australia	6	170	100	67
Sri Lanka Dry Zone	5	47	20	0
Sri Lanka Wet Zone	3	26	67	33
St.Lawrence	10	1244	50	40
Sulawesi	2	3	50	0
Tana, Athi & Coastal Drainages	5	20	100	80
Tapajos - Juruena	3	6	0	0
Teays - Old Ohio	17	838	47	35
Tennessee	17	393	59	18
Thrace	3	27	33	0
Turan Plain	1	2	100	0
Uele	3	8	0	0
Unassigned	7	19	29	14
Upper Danube	5	41	60	20
Upper Mississippi	20	639	60	35
Upper Missouri	2	13	0	0
Upper Nile	2	3	50	50
Upper Parana	3	15	100	100
Upper Rio Grande - Bravo	8	93	63	63
Upper Snake	1	1	0	0
Upper Tigris & Euphrates	3	3	0	0
Upper Usumacinta	13	145	0	0

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	# Species	# Sightings	50 km	10 km
Upper Zambezi Floodplains	2	24	0	0
US Southern Plains	20	703	55	45
Vegas - Virgin	2	50	100	100
Vogelkop - Bomberai	1	1	0	0
Volta	7	88	0	0
West Florida Gulf	15	104	7	0
West Texas Gulf	16	1301	50	6
Western Amazon Piedmont	4	8	0	0
Western Anatolia	5	35	0	0
Western Ghats	4	7	25	25
Western Iberia	6	607	67	50
Western Madagascar	2	2	0	0
Western Taiwan	2	17	100	100
Windward & Leeward Islands	1	1	0	0
Xi Yiang	15	59	67	27
Yucatan	15	377	73	47
Zambeian Headwaters	1	1	0	0
Zambeian Highveld	3	11	33	33
Zambeian Lowveld	10	336	60	10