SMT1

Updated list of the reptile species known to be present in the Sierra Madre del Sur region, Mexico, according to the literature review and consultation of biological collections databases. For further details see Ramírez-Arce et al., *under review*. For each species, we detail if it is endemic or not, if a distribution model was performed and its IUCN Red list: Critically Endangered (CR), Endangered (EN), Vulnerable (VU), Near Threatened (NT), Least concern (LC), Data Deficient (DD), and Not Evaluated (NE); and Norma Oficial Mexicana NOM-059-SEMARNAT-2010 status: in Danger of Extinction (P); Threatened (A); Subject to Special Protection (Pr); Not Included (N).

| **Taxa** | **Endemic to mexico (Y = Yes, N = No)** | **Species distribution model performed (Y = Yes, N = No)** | **IUCN Red list status** | **NOM-059 status** |
| --- | --- | --- | --- | --- |
| **SQUAMATA (22 families, 78 genera, 266 species)** |  |  |  |  |
| **Sauria (Lacertilia) (15 families, 25 genera, 130 species)** |  |  |  |  |
| **Anguidae (4 genera, 17 species)** |  |  |  |  |
| *Abronia bogerti* | Y | N | DD | P |
| *Abronia cuetzpali* | Y | N | NE | N |
| *Abronia fuscolabialis* | Y | N | EN | A |
| *Abronia gadovii* | Y | Y | LC | N |
| *Abronia graminea* | Y | Y | EN | A |
| *Abronia juarezi* | Y | Y | EN | N |
| *Abronia martindelcampoi* | Y | N | EN | N |
| *Abronia mitchelli* | Y | N | DD | Pr |
| *Abronia mixteca* | Y | Y | VU | A |
| *Abronia oaxacae* | Y | Y | VU | A |
| *Abronia ornelasi* | Y | N | DD | P |
| *Abronia viridiflava* | Y | Y | LC | N |
| *Barisia imbricata* | Y | Y | LC | Pr |
| *Barisia jonesi* | Y | N | LC | N |
| *Barisia planifrons* | Y | Y | LC | N |
| *Elgaria kingii* | N | Y | LC | Pr |
| *Gerrhonotus liocephalus* | N | Y | LC | Pr |
| **Corytophanidae (1 genus, 1 species)** |  |  |  |  |
| *Basiliscus vittatus* | N | Y | LC | N |
| **Dactyloidae (1 genus, 21 species)** |  |  |  |  |
| *Anolis boulengerianus* | Y | N | DD | Pr |
| *Anolis brianjuliani* | Y | N | NE | N |
| *Anolis compressicauda* | Y | Y | LC | N |
| *Anolis dunni* | Y | Y | LC | A |
| *Anolis gadovii* | Y | N | LC | A |
| *Anolis laeviventris* | N | Y | LC | N |
| *Anolis liogaster* | Y | Y | LC | Pr |
| *Anolis macrinii* | Y | Y | LC | Pr |
| *Anolis megapholidotus* | Y | N | LC | N |
| *Anolis microlepidotus* | Y | Y | LC | A |
| *Anolis milleri* | Y | N | DD | A |
| *Anolis nebuloides* | Y | Y | LC | Pr |
| *Anolis nebulosus* | Y | Y | LC | N |
| *Anolis nietoi* | Y | N | NE | N |
| *Anolis omiltemanus* | Y | N | LC | Pr |
| *Anolis peucephilus* | Y | N | NE | N |
| *Anolis rubiginosus* | Y | N | DD | Pr |
| *Anolis quercorum* | Y | Y | LC | N |
| *Anolis sacamecatensis* | Y | N | NE | N |
| *Anolis stevepoei* | Y | N | NE | N |
| *Anolis subocularis* | Y | Y | DD | Pr |
| *Anolis zapotecorum* | Y | N | NA | N |
| **Diploglossidae (1 genus, 1 species)** |  |  |  |  |
| *Celestus enneagramus* | Y | Y | LC | Pr |
| **Eublepharidae (1 genus, 1 species)** |  |  |  |  |
| *Coleonyx nemoralis* | Y | Y | NE | N |
| **Gekkonidae (1 genus, 1 species)** |  |  |  |  |
| *Hemidactylus frenatus* | N | N | LC | N |
| **Helodermatidae (1 genus, 1 species)** |  |  |  |  |
| *Heloderma horridum* | Y | Y | LC | A |
| **Iguanidae (2 genera, 4 species)** |  |  |  |  |
| *Ctenosaura oaxacana* | Y | Y | CR | A |
| *Ctenosaura pectinata* | Y | Y | LC | A |
| *Ctenosaura similis* | N | Y | LC | A |
| *Iguana iguana* | N | Y | LC | Pr |
| **Phrynosomatidae (3 genera, 38 species)** |  |  |  |  |
| *Phrynosoma asio* | N | Y | LC | Pr |
| *Phrynosoma braconnieri* | Y | Y | LC | Pr |
| *Phrynosoma orbiculare* | Y | Y | LC | A |
| *Phrynosoma sherbrookei* | Y | N | NE | N |
| *Phrynosoma taurus* | Y | Y | LC | A |
| *Sceloporus adleri* | Y | Y | LC | Pr |
| *Sceloporus aeneus* | Y | Y | LC | N |
| *Sceloporus asper* | Y | Y | LC | Pr |
| *Sceloporus aureolus* | Y | Y | NE | N |
| *Sceloporus bulleri* | Y | Y | LC | N |
| *Sceloporus cryptus* | Y | N | LC | Pr |
| *Sceloporus cupreus* | Y | N | LC | N |
| *Sceloporus druckercolini* | Y | N | NE | N |
| *Sceloporus edwardtaylori* | Y | N | LC | N |
| *Sceloporus formosus* | Y | Y | LC | N |
| *Sceloporus gadoviae* | Y | Y | LC | N |
| *Sceloporus grammicus* | N | Y | LC | Pr |
| *Sceloporus halli* | Y | N | DD | N |
| *Sceloporus heterolepis* | Y | Y | LC | N |
| *Sceloporus horridus* | Y | Y | LC | N |
| *Sceloporus insignis* | Y | N | LC | Pr |
| *Sceloporus jalapae* | Y | Y | LC | N |
| *Sceloporus melanorhinus* | N | Y | LC | N |
| *Sceloporus mucronatus* | Y | Y | LC | N |
| *Sceloporus ochoterenae* | Y | Y | LC | N |
| *Sceloporus omiltemanus* | Y | Y | LC | N |
| *Sceloporus pyrocephalus* | Y | Y | LC | N |
| *Sceloporus scitulus* | Y | N | NE | N |
| *Sceloporus siniferus* | N | Y | LC | N |
| *Sceloporus smithi* | Y | Y | LC | N |
| *Sceloporus spinosus* | Y | Y | LC | N |
| *Sceloporus stejnegeri* | Y | Y | LC | Pr |
| *Sceloporus subpictus* | Y | N | DD | A |
| *Sceloporus tanneri* | Y | Y | DD | A |
| *Sceloporus utiformis* | Y | Y | LC | N |
| *Sceloporus variabilis* | N | Y | LC | N |
| *Urosaurus bicarinatus* | Y | N | LC | N |
| *Urosaurus gadovi* | Y | N | LC | N |
| **Phyllodactylidae (1 genus, 6 species)** |  |  |  |  |
| *Phyllodactylus bordai* | Y | Y | LC | Pr |
| *Phyllodactylus duellmani* | Y | N | LC | Pr |
| *Phyllodactylus lanei* | Y | Y | LC | N |
| *Phyllodactylus muralis* | Y | Y | LC | Pr |
| *Phyllodactylus papenfussi* | Y | N | NE | N |
| *Phyllodactylus tuberculosus* | N | Y | LC | N |
| **Scincidae (4 genera, 12 species)** |  |  |  |  |
| *Marisora brachypoda* | N | Y | LC | N |
| *Mesoscincus altamirani* | Y | N | DD | Pr |
| *Plestiodon brevirostris* | Y | Y | LC | N |
| *Plestiodon colimensis* | Y | N | DD | Pr |
| *Plestiodon indubitus* | Y | Y | NE | N |
| *Plestiodon longiartus* | Y | N | NE | N |
| *Plestiodon lotus* | Y | N | NE | N |
| *Plestiodon nietoi* | Y | N | NE | N |
| *Plestiodon ochoterenae* | Y | N | LC | Pr |
| *Scincella assata* | N | Y | LC | N |
| *Scincella gemmingeri* | Y | Y | LC | N |
| *Scincella silvicola* | Y | Y | LC | A |
| **Sphaerodactylidae (1 genus, 2 species)** |  |  |  |  |
| *Sphaerodactylus continentalis* | N | Y | NE | N |
| *Sphaerodactylus glaucus* | N | Y | LC | Pr |
| **Teiidae (2 genera, 11 species)** |  |  |  |  |
| *Aspidoscelis calidipes* | Y | Y | LC | Pr |
| *Aspidoscelis communis* | Y | Y | LC | Pr |
| *Aspidoscelis costatus* | Y | Y | LC | Pr |
| *Aspidoscelis deppii* | N | Y | LC | N |
| *Aspidoscelis guttatus* | Y | Y | LC | N |
| *Aspidoscelis lineatissimus* | Y | Y | LC | Pr |
| *Aspidoscelis mexicanus* | Y | N | LC | Pr |
| *Aspidoscelis motaguae* | N | Y | LC | N |
| *Aspidoscelis parvisocius* | Y | Y | LC | Pr |
| *Aspidoscelis sackii* | Y | Y | LC | N |
| *Holcosus undulatus* | Y | Y | LC | N |
| **Xantusiidae (1 genus, 8 species)** |  |  |  |  |
| *Lepidophyma cuicateca* | Y | N | NE | N |
| *Lepidophyma dontomasi* | Y | N | DD | A |
| *Lepidophyma lineri* | Y | N | DD | N |
| *Lepidophyma lowei* | Y | N | DD | N |
| *Lepidophyma radula* | Y | N | DD | A |
| *Lepidophyma smithii* | N | Y | LC | Pr |
| *Lepidophyma tarascae* | Y | N | DD | A |
| *Lepidophyma tuxtlae* | Y | Y | DD | A |
| **Xenosauridae (1 genus, 6 species)** |  |  |  |  |
| *Xenosaurus agrenon* | Y | N | NE | N |
| *Xenosaurus grandis* | Y | Y | VU | Pr |
| *Xenosaurus penai* | Y | N | NE | N |
| *Xenosaurus phalaroanthereon* | Y | N | DD | N |
| *Xenosaurus rackhami* | N | Y | NE | N |
| *Xenosaurus rectocollaris* | Y | Y | LC | N |
| **Ophidia (Serpentes) (7 families, 53 genera, 136 species)** |  |  |  |  |
| **Boidae (2 genera, 2 species)** |  |  |  |  |
| *Boa sigma* | Y | Y | LC | N |
| *Exiliboa placata* | Y | N | VU | N |
| **Colubridae (41 genera, 106 species)** |  |  |  |  |
| **Colubrinae (18 genera, 44 species)** |  |  |  |  |
| *Conopsis acuta* | Y | Y | LC | N |
| *Conopsis amphisticha* | Y | N | NT | N |
| *Conopsis lineata* | Y | Y | LC | N |
| *Conopsis megalodon* | Y | Y | LC | N |
| *Drymarchon melanurus* | N | Y | LC | N |
| *Drymobius chloroticus* | N | Y | LC | N |
| *Drymobius margaritiferus* | N | Y | LC | N |
| *Ficimia publia* | N | Y | LC | N |
| *Ficimia ruspator* | Y | N | DD | Pr |
| *Lampropeltis abnorma* | N | Y | LC | N |
| *Lampropeltis polyzona* | Y | Y | LC | N |
| *Leptophis diplotropis* | Y | Y | LC | A |
| *Leptophis mexicanus* | N | Y | LC | A |
| *Masticophis bilineatus* | N | Y | LC | N |
| *Masticophis lineatus* | Y | N | NE | N |
| *Masticophis mentovarius* | N | Y | LC | N |
| *Mastigodryas melanolomus* | N | Y | LC | N |
| *Oxybelis microphthalmus* | N | Y | LC | N |
| *Oxybelis fulgidus* | N | Y | LC | N |
| *Pituophis deppei* | Y | Y | LC | A |
| *Pituophis lineaticollis* | N | Y | LC | N |
| *Pseudoficimia frontalis* | Y | Y | LC | N |
| *Salvadora bairdi* | Y | Y | LC | Pr |
| *Salvadora gymnorhachis* | Y | N | NE | N |
| *Salvadora intermedia* | Y | Y | LC | Pr |
| *Salvadora lemniscata* | Y | Y | LC | Pr |
| *Salvadora mexicana* | Y | Y | LC | Pr |
| *Senticolis triapis* | N | Y | LC | N |
| *Sonora michoacanensis* | Y | Y | LC | N |
| *Sonora mutabilis* | Y | Y | LC | N |
| *Stenorrhina freminvillii* | N | Y | LC | N |
| *Symphimus leucostomus* | Y | N | LC | Pr |
| *Tantilla bocourti* | Y | Y | LC | N |
| *Tantilla calamarina* | Y | Y | LC | Pr |
| *Tantilla cascadae* | Y | N | DD | A |
| *Tantilla coronadoi* | Y | N | LC | Pr |
| *Tantilla deppei* | Y | N | LC | A |
| *Tantilla flavilineata* | Y | N | EN | A |
| *Tantilla oaxacae* | Y | N | DD | Pr |
| *Tantilla rubra* | N | Y | LC | Pr |
| *Tantilla striata* | Y | N | DD | Pr |
| *Tantilla triseriata* | Y | N | DD | N |
| *Trimorphodon biscutatus* | N | Y | LC | N |
| *Trimorphodon paucimaculatus* | Y | Y | NE | N |
| *Trimorphodon tau* | Y | Y | LC | N |
| **Dipsadinae (21 genera, 54 species)** |  |  |  |  |
| *Adelphicos quadrivirgatum* | N | Y | LC | N |
| *Clelia scytalina* | N | Y | LC | N |
| *Coniophanes fissidens* | N | Y | LC | N |
| *Coniophanes imperialis* | N | Y | LC | N |
| *Coniophanes lateritius* | Y | N | DD | N |
| *Coniophanes piceivittis* | N | Y | LC | N |
| *Coniophanes sarae* | Y | N | DD | N |
| *Coniophanes taylori* | Y | N | NE | N |
| *Conophis vittatus* | N | Y | LC | N |
| *Cryophis hallbergi* | Y | N | DD | A |
| *Dipsas gaigeae* | Y | N | LC | Pr |
| *Enulius flavitorques* | N | Y | LC | N |
| *Geophis anocularis* | Y | N | LC | Pr |
| *Geophis dubius* | Y | Y | LC | Pr |
| *Geophis duellmani* | Y | N | LC | Pr |
| *Geophis incomptus* | Y | N | DD | Pr |
| *Geophis laticollaris* | Y | N | DD | Pr |
| *Geophis nigrocinctus* | Y | N | DD | Pr |
| *Geophis occabus* | Y | N | NE | N |
| *Geophis omiltemanus* | Y | N | LC | Pr |
| *Geophis petersii* | Y | N | LC | Pr |
| *Geophis pyburni* | Y | N | DD | Pr |
| *Geophis russatus* | Y | N | DD | Pr |
| *Geophis sallaei* | Y | N | DD | Pr |
| *Geophis sieboldi* | Y | N | DD | Pr |
| *Hypsiglena torquata* | Y | Y | LC | Pr |
| *Imantodes gemmistratus* | N | Y | LC | Pr |
| *Leptodeira maculata* | Y | Y | LC | Pr |
| *Leptodeira nigrofasciata* | N | Y | LC | N |
| *Leptodeira polysticta* | Y | Y | NE | N |
| *Leptodeira septentrionalis* | N | Y | LC | N |
| *Leptodeira splendida* | Y | Y | LC | N |
| *Manolepis putnami* | Y | Y | LC | N |
| *Pliocercus elapoides* | N | Y | LC | A |
| *Pseudoleptodeira latifasciata* | Y | Y | LC | Pr |
| *Rhadinaea bogertorum* | Y | Y | DD | Pr |
| *Rhadinaea eduardoi* | Y | N | NE | N |
| *Rhadinaea fulvivittis* | Y | Y | VU | N |
| *Rhadinaea hesperia* | Y | Y | LC | Pr |
| *Rhadinaea macdougalli* | Y | N | DD | Pr |
| *Rhadinaea myersi* | Y | N | DD | Pr |
| *Rhadinaea nuchalis* | Y | N | NE | N |
| *Rhadinaea omiltemana* | Y | N | DD | Pr |
| *Rhadinaea taeniata* | Y | Y | LC | N |
| *Rhadinella donaji* | Y | N | NE | N |
| *Rhadinella dysmica* | Y | N | NE | N |
| *Rhadinophanes monticola* | Y | N | DD | Pr |
| *Sibon nebulatus* | N | Y | LC | N |
| *Tantalophis discolor* | Y | N | VU | A |
| *Tropidodipsas annulifera* | Y | Y | LC | Pr |
| *Tropidodipsas fasciata* | N | Y | LC | N |
| *Tropidodipsas philippii* | Y | Y | LC | Pr |
| *Tropidodipsas zweifeli* | Y | N | DD | Pr |
| *Xenodon rabdocephalus* | N | Y | LC | N |
| **Natricinae (2 genera, 8 species)** |  |  |  |  |
| *Storeria storerioides* | Y | Y | LC | N |
| *Thamnophis bogerti* | Y | Y | NE | N |
| *Thamnophis chrysocephalus* | Y | Y | LC | A |
| *Thamnophis cyrtopsis* | N | Y | LC | A |
| *Thamnophis eques* | N | Y | LC | A |
| *Thamnophis godmani* | Y | Y | LC | A |
| *Thamnophis lineri* | Y | N | NE | N |
| *Thamnophis pulchrilatus* | Y | Y | LC | N |
| **Elapidae (1 genus, 6 species)** |  |  |  |  |
| *Micrurus browni* | N | Y | LC | Pr |
| *Micrurus distans* | Y | Y | LC | Pr |
| *Micrurus elegans* | N | Y | LC | Pr |
| *Micrurus ephippifer* | Y | Y | VU | Pr |
| *Micrurus laticollaris* | Y | Y | LC | Pr |
| *Micrurus nebularis* | Y | N | DD | Pr |
| **Leptotyphlopidae (2 genera, 5 species)** |  |  |  |  |
| *Epictia bakewelli* | Y | N | NE | N |
| *Epictia phenops* | N | Y | LC | N |
| *Epictia schneideri* | Y | N | NE | N |
| *Rena humilis* | N | N | LC | N |
| *Rena maxima* | Y | N | LC | N |
| **Loxocemidae (1 genus, 1 species)** |  |  |  |  |
| *Loxocemus bicolor* | N | Y | LC | Pr |
| **Typhlopidae (1 genus, 1 species)** |  |  |  |  |
| *Indotyphlops braminus* | N | N | LC | N |
| **Viperidae (5 genus, 15 species)** |  |  |  |  |
| *Agkistrodon bilineatus* | N | Y | NT | Pr |
| *Crotalus brunneus* | Y | N | NE | N |
| *Crotalus basiliscus* | Y | Y | LC | Pr |
| *Crotalus culminatus* | Y | Y | NE | N |
| *Crotalus ericsmithi* | Y | N | NE | N |
| *Crotalus exiguus* | Y | N | NE | N |
| *Crotalus intermedius* | Y | Y | LC | A |
| *Crotalus molossus* | N | Y | LC | Pr |
| *Crotalus pusillus* | Y | N | EN | A |
| *Crotalus ravus* | Y | Y | LC | A |
| *Crotalus simus* | N | Y | LC | N |
| *Mixcoatlus barbouri* | Y | N | EN | Pr |
| *Mixcoatlus browni* | Y | N | NE | N |
| *Mixcoatlus melanurus* | Y | Y | EN | Pr |
| *Ophryacus sphenophrys* | Y | N | NE | N |
| *Ophryacus undulatus* | Y | Y | VU | Pr |
| *Porthidium dunni* | Y | Y | LC | A |
| **TESTUDINES (2 families, 3 genera, 6 species)** |  |  |  |  |
| **Dermatemydidae (1 genus, 1 species)** |  |  |  |  |
| *Dermatemys mawii* | N | N | CR | P |
| **Chelydridae (1 genus, 1 species)** |  |  |  |  |
| *Chelydra rossignonii* | N | N | NE | N |
| **Geoemydidae (1 genus, 2 species)** |  |  |  |  |
| *Rhinoclemmys pulcherrima* | N | Y | NE | A |
| *Rhinoclemmys rubida* | Y | Y | NT | Pr |
| **Kinosternidae (2 genera, 4 species)** |  |  |  |  |
| *Claudius angustatus* | N | N | NT | P |
| *Kinosternon integrum* | Y | Y | LC | Pr |
| *Kinosternon oaxacae* | Y | Y | DD | Pr |
| *Kinosternon scorpioides* | N | Y | NE | Pr |
| *Staurotypus salvinii* | N | Y | NT | Pr |
| *Staurotypus triporcatus* | N | N | NT | A |

SMT2

List of literature references used for the updated list of the known reptile species present in the Sierra Madre del Sur region, Mexico

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