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BIODIVERSITY RESEARCH

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Extinct, obscure or imaginary: The lizard species with the smallest ranges

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Abstract

Aim: Small geographic ranges make species especially prone to extinction from anthropogenic disturbances or natural stochastic events. We assemble and analyse a comprehensive dataset of all the world's lizard species and identify the species with the smallest ranges—those known only from their type localities. We compare them to wide-ranging species to infer whether specific geographic regions or biological traits predispose species to have small ranges.

Location: Global.

Methods: We extensively surveyed museum collections, the primary literature and our own field records to identify all the species of lizards with a maximum linear geographic extent of <10 km. We compared their biogeography, key biological traits and threat status to those of all other lizards.

Results: One in seven lizards (927 of the 6,568 currently recognized species) are known only from their type localities. These include 213 species known only from a single specimen. Compared to more wide-ranging taxa, they mostly inhabit relatively inaccessible regions at lower, mostly tropical, latitudes. Surprisingly, we found that burrowing lifestyle is a relatively unimportant driver of small range size. Geckos are especially prone to having tiny ranges, and skinks dominate lists of such species not seen for over 50 years, as well as of species known only from their holotype. Two-thirds of these species have no IUCN assessments, and at least 20 are extinct.

Main conclusions: Fourteen per cent of lizard diversity is restricted to a single location, often in inaccessible regions. These species are elusive, usually poorly known and little studied. Many face severe extinction risk, but current knowledge is inadequate to properly assess this for all of them. We recommend that such species become the focus of taxonomic, ecological and survey efforts.

KEYWORDS
accessibility, endemism, extinction, geckos, holotype, range size, skinks, threat, type locality

1 | INTRODUCTION

A prominent feature of the distribution of biodiversity is the extreme variation in species range sizes. Within the same lineage, some species have continental-wide distributions whereas others are restricted to a single locality (Gaston, 2003). Although ranges can be very labile (e.g., Chen, Hill, Ohlemuller, Roy, & Thomas, 2011; Currie & Venne, 2017; Lyons, 2003; Meiri, Lister, et al., 2013), range size is thought to be the product of ecologically relevant traits such as body size, population density and dispersal ability (Brown, 1984; Pimm & Jenkins, 2010; but see Novosolov et al., 2017). Crucially, from a conservation perspective, range size is known to influence extinction risk. Species with small ranges have, everything else being equal, fewer individuals and lower genetic variation than wide-ranging relatives, often leading to elevated extinction probabilities (Caughley, 1994; MacArthur & Wilson, 1967). Threats such as new (or introduced) predators, pathogens and competitors, severe climatic events (e.g., droughts), cataclysms (e.g., fires and volcanic eruptions) and population-level phenomena (e.g., inbreeding depression) can rapidly wipe out narrow-ranging species (Purvis, Gittleman, Cowlinshaw, & Mace, 2000). Habitat loss and collection for the pet trade can likewise easily cause species with tiny ranges to go extinct. The elevated threat these species face makes them particularly relevant for conservation efforts.

The importance of range size is reflected in the way extinction risk is evaluated by the International Union for Conservation of Nature (IUCN) Red List assessments. One of the five criteria the IUCN (2017) uses to evaluate threat, criterion B, uses estimates of range size to designate extinction probabilities. Although range size per se is insufficient to designate threat, species with ranges (defined as the extent of occurrence) smaller than 20,000 km^2 can qualify as vulnerable under criterion B. To qualify as endangered under criterion B, range size cannot exceed 5,000 km^2, whereas to qualify for the highest level of threat—critically endangered, the threshold is lowered to 100 km^2 (IUCN, 2017).

Although we are often ignorant regarding the true extent of a species' geographic range (because not observing a species somewhere is not sufficient evidence of its absence), we know that ranges can be even smaller than 100 km^2. Many Southeast-Asian geckos, for example, seem to be confined to isolated karst outcrops (e.g., Ellis & Pauwels, 2012; Wood et al., 2017), never venturing far into the surrounding forest. At the minimum, species must be known from one locality, and a single individual, the holotype, on which the species description is based.

Species known only from small ranges are likely to be either difficult to observe, difficult to distinguish from others or genuinely rare. They may even already be extinct. Several studies have tried to link range size to biological attributes such as body size (e.g., Agosta & Bernardo, 2013) or to geographic attributes such as latitude (Rapaport's Rule; Ruggiero & Werenkraut, 2007). A common finding, however, associates range size not with particular biological attributes, but with the year, a species was described (e.g., Costello, Lane, Wilson, & Houlding, 2015; Gaston, Blackburn, & Loder, 1995). Generally, scientists observed, distinguished and described the widely distributed species early. In fact, range size consistently emerges as the key correlate of description date in all tests we know that examined this link (e.g., Collen, Purvis, & Gittleman, 2004; Colli et al., 2016; Costello et al., 2015; Diniz-Filho et al., 2005). Species that were discovered and described (as opposed to being split from other species) relatively recently are poorly known almost by definition, given that not enough time has lapsed for biologists to study their biology, abundance and true range extent. Thus, many recently discovered species may have larger ranges than are currently known.

Species that were described early, and remain poorly known (with few or even just a single observation locality), are more likely to truly occupy small ranges, rather than just poorly known ones. They may even already be extinct. Importantly, however, some may not be real species. Recent species descriptions often follow modern integrative taxonomic practices, compare more species and specimens, and examine more characters than previous descriptions. The species that remain known only from single specimens sometimes turn out to be based on aberrant or juvenile specimens, or belong to congenerics or even to distantly related species, especially if they were described long ago. For example, *Oreodeira gracilipes* was described as an Australian species based on a single specimen, but was in fact a juvenile African *Agama* (Moody, 1988). *Scelotes schebeni* was described based on a single specimen from Namibia, but was later found to be a *Melanoseps occidentalis*, probably from Cameroon (Bauer, 2016).

Correctly identifying the species with the smallest ranges is important to uncover the factors affecting geographic range size. It is also of paramount importance from a conservation perspective, as it can suggest how to correctly allocate limited resources to the most threatened species. Many narrow-ranging species are among those in greatest need of conservation effort. Some may already be extinct without us knowing they are (cryptic extinctions). If some of these species are not valid taxonomic entities, we may be wasting conservation resources. Elucidating the ecological and distributional patterns of species known only from their type localities to establish the roles of true rarity, lack of records and taxonomic ambiguities in generating them is thus crucially important.

We identify all the species of lizards (Reptilia: Squamata, excluding snakes) that are known only from their type locality (the *terra typica*), the place where the species was described from (henceforth "TL-species"). We examine whether these species are taxonomically or geographically clustered (especially in poorly surveyed regions) and whether they share attributes that may make them easy to overlook, such as small size, fossorial habits (or their correlate: reduced limbs) or nocturnal activity. We compare relevant traits of these TL-species to those of all other lizard species, to highlight the attributes associated with small ranges.

We pay special attention to these TL-species that were described relatively early, using an arbitrary cut-off time of 50 years from the present (i.e., 1967 or earlier versus 1968 or later), and compare these species' traits to those of TL-species described more recently.

2 | METHODS

To identify the lizard species known only from their type localities, we reviewed and refined a dataset containing range sizes of all the world's lizards (Roll et al., 2017). We manually reviewed the ranges of all species with ranges smaller than the median size in the global dataset of Roll et al. (2017) to determine whether they are known only from their type locality. For these, we manually searched for additional geographic data in the primary and grey literature using the Reptile Database (Uetz, 2017) and Google Scholar), meta-datasets such as GBIF (www.gbif.org), Vertnet (www.vertnet.org) and the Atlas of Living Australia (www.ala.org.au), IUCN assessments, field guides and our own observations. We further systematically searched data on these species in scientific journals that have dedicated sections for publishing reptile range extensions (e.g., Herpetological Review, Check List, Mesoamerican Herpetology). In addition to the geographic data, we further extracted from these sources the latest year in which individuals of each species were observed alive. We used the latest version (May 2017) of the Reptile Database for taxonomy (Uetz, 2017) and excluded all species known only from fossils or subfossils. We identified all species that are known only from their type locality. We arbitrarily defined a type locality as having a maximum latitudinal and longitudinal range of <10 km or <0.1 degrees because this represents an extent of occurrence smaller than 100 km^2—fitting the IUCN's criterion B1 for an extent of occurrence of a critically endangered species (IUCN, 2017. Note that as this criterion cannot be applied alone, such species are not necessarily classified as threatened). Species inhabiting more than one island were excluded even if the islands are small and close to each other, as these species cannot be said to inhabit a single locality.

We distinguished between species that are only known from old records and those known from recent records (either having been repeatedly found at their type locality or having been described from specimens observed there recently). We arbitrarily placed the cut-off between old and recent records at 50 years ago (1967). We further distinguished species known from multiple specimens and those known only from a single specimen, the holotype. Data and metadata of traits used in our comparisons and analyses of lizard groups can be found in Meiri, Brown, and Sibly (2012); Meiri, Lister, et al. (2013); Meiri, Bauer, et al. (2013); Scharf et al. (2015), Feldman, Sabath, Pyron, Mayrose, and Meiri (2016) and Vidan et al. (2017).

2.1 | Statistical analyses

Only 12% of the species we identified as known only from their type locality are represented in the large-scale squamate phylogeny of Pyron and Burbrink (2014), effectively preventing us from running phylogenetically informed tests. Instead, we explored the effects of individual traits on our classifications of lizards. We used a machine learning procedure to classify lizard species to groups (TL-species versus broad ranged species, and single specimen versus multiple specimens). We explored the relative importance of the different traits when used together in these classification procedures. We used a gentle adaptive stochastic boosting classification model (ADA-Boost; Friedman, Hastie, & Tibshirani, 2000) as our classification mechanism. ADA-Boost distinguishes between cases by combining the outputs of many weak classifiers to achieve, through iterations, a powerful classification with low error rates. This procedure has been successfully applied in a wide variety of fields, outperforming many other classifiers (Hastie, Tibshirani, & Friedman, 2001).

To test our predictions, we used the following predictors in the classification procedure: description year, the biogeographic realm (Wallace, 1859, 1876) in which a species reside (using the maps of Olson et al., 2001), its activity period (day or night, with cathemeral species counted in both categories), whether it is terrestrial, fossorial, saxicolous or arboreal, whether or not it has reduced legs, its infraorder, body mass, if it is an insular endemic and the latitudinal centroid of its range. Our modelling was conducted using the "ada" package in R (Culp, Johnson, & Michailidis, 2016) and incorporated an exponential loss function with 50,000 iterations.

We further tested whether species only known from type localities are found in remote, difficult to access, regions. To do this, we compared the locations of the type locality-restricted lizard and amphisbaenians for which we had precise locality information (Appendix S1) to the point localities of all ~4,550 lizard and amphisbaenians known to be more wide-ranging (Roll et al., 2017). For each point, we extracted its accessibility as measured by the travel time (in minutes, by land or water) to major cities (Nelson, 2008). We then compared the distributions, means and medians of accessibility between point localities of species known only from their type localities with wide-ranging species (whose localities were obtained from literature, observations and museum data; Roll et al., 2017). Extraction of the accessibility information was performed using ArcGIS (ESRI, 2011); statistical analyses were conducted using R.

3 | RESULTS

3.1 | The dataset

We identified 927 species of lizards that are, as far as we know, restricted to their type locality (i.e., an area with a linear extent no larger than 10 km or 0.1 of a degree; Appendix S1). They represent fully 14.1% of all lizard diversity (6,569 species, Uetz, 2017; supplemented with additional species described until 1 September 2017). Of these 927 species, 756 were observed in the wild in the last 50 years (since 1968), whereas 171 were last seen between 1830 (*Diploglossus microlepis* (Gray, 1831)) and 1967 (e.g., *Calotes bhutanensis*, Biswas, 1975). Only 191 of the TL species were seen alive after they were described, whereas the other 736 (79%) were last seen alive when the holotype

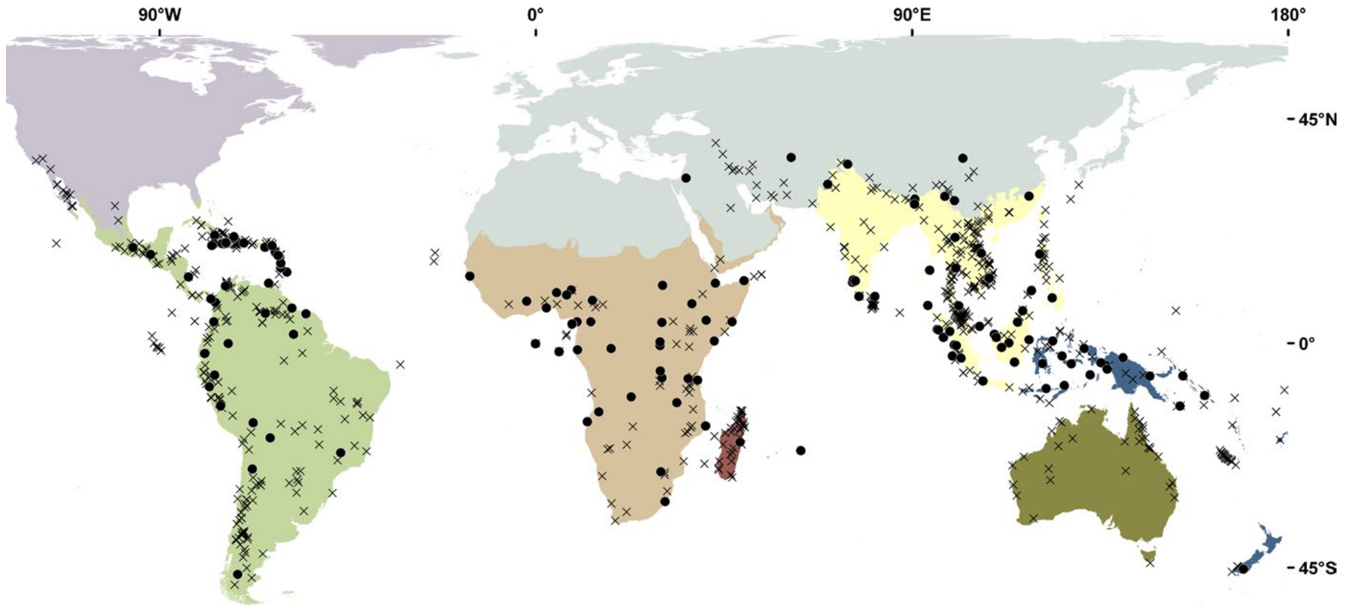

FIGURE 1 Lizard species known only from their type localities. Circles: species not observed after 1967 (n = 151). Crosses: species observed after 1967 (n = 754). Eighteen species could not be mapped. Underlying colours represent the biogeographic realms. Equal-area Behrmann projection [Colour figure can be viewed at wileyonlinelibrary.com]

TABLE 1 Lizards known only from their type localities versus wider ranging species within families

Family	TL-species	Holotype only	Wider ranging species	Proportion of TL-species
Gekkonidae*	261	33	867	23%
Scincidae	210	72	1,414	13%
Dactyloidae	58	15	361	14%
Liolaemidae	52	6	255	17%
Agamidae	48	16	439	10%
Gymnophthalmidae	42	13	220	16%
Amphisbaenidae	31	13	147	17%
Sphaerodactylidae*	31	7	184	14%
Chamaeleonidae	28	3	178	14%
Anguidae	23	11	106	18%
Tropiduridae	20	3	116	15%
Lacertidae	15	6	311	5%
Phyllodactylidae*	15	2	122	11%
Diplodactylidae*	12	3	137	8%
Dibamidae	11	5	12	48%
Eublepharidae*	8	0	28	22%
Carphodactylidae*	7	0	23	23%
Phrynosomatidae	7	0	147	5%
Teiidae	7	0	149	4%
Leiocephalidae	6	1	25	19%
Varanidae	6	2	73	8%
Xantusiidae	6	0	28	18%
Cordylidae	5	0	63	7%
Hoplocercidae	5	0	14	26%
Iguanidae	5	0	38	12%
Gerrhosauridae	3	2	34	8%
Anniellidae	2	0	4	33%
Leiosauridae	1	0	32	3%
Pygopodidae*	1	0	45	2%
Xenosauridae	1	0	10	9%
Bipedidae	0	0	4	0%
Blanidae	0	0	6	0%
Cadeidae	0	0	2	0%
Corytophanidae	0	0	9	0%
Crotaphytidae	0	0	12	0%
Helodermatidae	0	0	2	0%
Lanthanotidae	0	0	1	0%
Opluridae	0	0	8	0%
Polychrotidae	0	0	7	0%
Rhineuridae	0	0	1	0%
Shinisauridae	0	0	1	0%
Trogonophiidae	0	0	6	0%

Lizard species in each family that are known from their type locality only ("TL-species," maximum linear extent of <10 km; 1st column), and only known from the holotype (2nd column), versus the number of more widely ranging species (3rd column; maximum linear extent >10 km). The fourth column is the proportion of species known from their type locality out of all species in the family. Gecko families are marked with an asterisk.

or type series was collected. Two hundred and thirteen species are only known from their holotype (Appendix S1; 112 species observed during the last 50 years, 101 species only observed earlier).

3.2 | The geography of small-ranged lizards

Lizards known only from their type localities inhabit mostly tropical regions and some arid regions (although the Sahara and Sahel, for example, have few TL-species). Those known only from old records show a more restricted, almost entirely tropical, distribution (mean absolute value of latitude: 11.3 ± 9.2° *SD*), especially in Indonesia, equatorial Africa, northern and western South America and the Caribbean (Figure 1). More recently observed species have additional hotspots, in both tropical and desert regions (e.g., in Australia, Argentina and Chile, Madagascar, New Caledonia, Iran, north-western Mexico and southern Asia; mean of absolute value of latitude: 15.7 ± 9.6°; Figure 1).

Overall, TL-species tend to inhabit somewhat lower latitudes than large-ranged species (absolute latitude 14.9° vs. 18.5°, $t_{905,5607} = 9.40$, $p < .0001$). They are relatively rare in the Nearctic, the Palaearctic and Australia (8%, 5% and 5% of the lizard fauna, respectively), but comprise 28% of the lizard species in the Oriental realm.

3.3 | Taxonomic composition

Geckos (Gekkota) dominate the list of TL-species (335 of 927 species, 36%), followed by skinks (210, 24%) and anoles (58, 6%; Table 1). The list TL-species not observed in the last 50 years, however, is dominated by skinks (69 of 171 species, 40%), followed by geckos (31 species, 18%) and amphisbaenians (14, 8%). Interestingly, this is mirrored in the taxonomic composition of the species known only from their type specimen (regardless of when it was collected), for which skinks are the largest group (72 of 213 species, 34%), followed by geckos (45 species), agamids (16), anoles (15) and both gymnophthalmids and amphisbaenians (14; Table 1). The Dibamidae has the highest proportion of species only known from the type locality (11 of 23 species; 48%), followed by Anniellidae (two of six species; 33%), Hoplocercidae (26%) and three gecko families: Gekkonidae (23%), Carphodactylidae (23%) and Eublepharidae (22%). Twelve of 42 families have no TL-species, but these are species poor (the largest is the 12-species Crotaphytidae).

3.4 | Traits of lizards known only from their type localities

Lizards known only from their type localities have generally been described later than wide-ranging species (by 58 years on average, $t_{927,5641} = 27.3$, $p < .0001$; Figure 2). Most (3,142 of 4,366; 72%) of the wide-ranging species for which we have data are diurnal (22% nocturnal, 6% cathemeral). Those known only from their type localities tend more towards nocturnality (232 of 612 species, 38%, vs. 59% diurnal, and 3% cathemeral; $\chi^2 = 73.9$, $p < .0001$; all χ^2 values are for 2 × 2 tables). This is especially the case for the TL-species observed in the last 50 years (39% nocturnal), as would be expected by the high proportion of geckos among them. We only know the activity times of 46 TL-species that were last seen before 1968, whereas those of 127 of them (73%) are unknown.

Contrary to our expectations, fossorial species were not more dominant among species known only from the type locality. Assuming all amphisbaenians and dibamids are fossorial, 12.2% (86 of 701 species with known habits) of the TL-species are fossorial versus 10.2% (557 of 4,913) lizards with wider ranges ($\chi^2 = 0.46$, $p = .53$). Species known only from their type localities were more associated with rocky substrates (39% species fully or partially saxicolous, versus 26% of the wider ranging species; $\chi^2 = 52.5$, $p < .0001$). The maximum body mass of wider ranging species is 71% higher, on average, than those known only from their type localities (back-transformed from logarithms: average 10.2 ± 5.0 g vs. 6.0 ± 4.2 g, $t_{910,5634} = 9.38$, $p < .0001$; Figure 3; non-transformed averages are 135 and 32 g, respectively). This difference is retained when we compare sizes within families (as recognized by Uetz, 2017; average difference 41%, $t = 7.84$, $p < .0001$).

3.5 | Classifications analysis

We used our classification procedure to distinguish between TL-species and species with wider ranges for which we had data for all the traits we coded (4,237 wider ranging species, 555 TL-species). Our model managed to classify the two groups nearly perfectly, with a cross-validated training error of 0% and an out-of-bag error rate of 1.7%. These traits can thus be used to successfully distinguish TL-species from wider ranging species. Figure 4 depicts the relative importance of the different traits in the classification procedure, and the associated partial dependence plots are shown in Appendix S2. They highlight the importance of low latitude and infraorder affiliation in the classification, as well as the roles of biogeographic realm, low body mass and late description year.

In our classification of TL-species known either from one (62 species) or multiple specimens (493 species), the model achieved perfect classification between the groups with a cross-validated error of 0% (both training and out of bag). For this classification, most attributes played an important role. Realm and infraorder affiliation, fossoriality and the degree of leg reduction (species known only from their holotype tend to be fossorial, limbless or with reduced legs; see Appendix S3 for variable importance) were the best classifiers.

3.6 | Accessibility and threat

The accessibility (time to major cities, in minutes) of the localities of the 868 TL-species in our database, for which such data could be calculated, ranged from 8 min for the aptly named *Cyrtodactylus metropolis* (Grismer, Wood, Onn, Anuar, & Muin, 2014) to 7,432 min (=5.16 days) for the Venezuelan *Adercosaurus vixadnexus* (Myers & Donnelly, 2001). These 868 points are generally found in inaccessible places compared to the 136,840 unique localities for which we have data for wide-ranging lizard species (Figure 5). The mean (518 min = 8.6 hr) and median (319 min = 5.3 hr) inaccessibility values are greater for species known only from their type localities

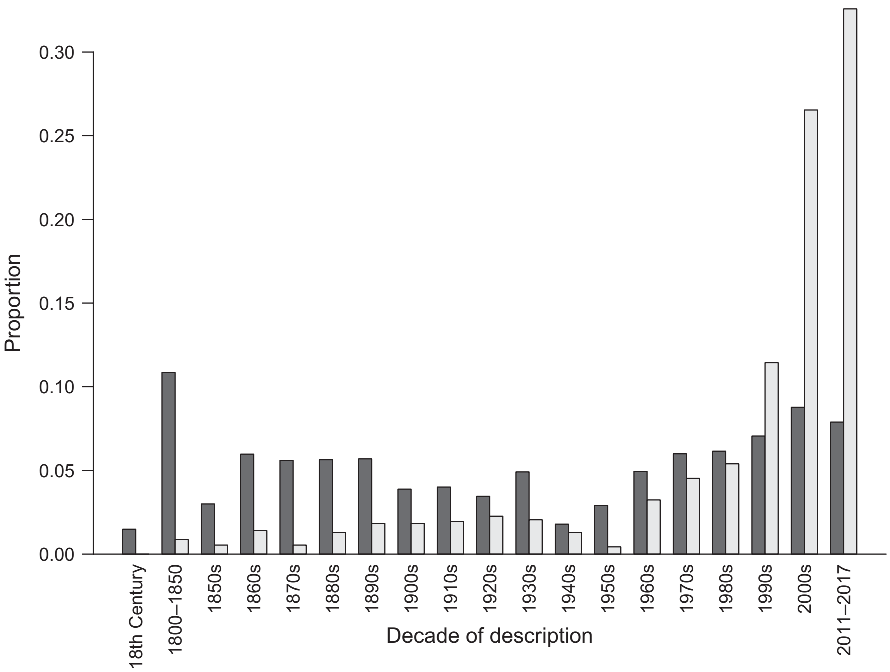

FIGURE 2 Decades when wide-ranging lizards (dark grey; 5,641 species) and species known only from their type localities (light grey; 927 species) were described. Frequency is the proportion of species in each category (TL-species and wider ranging species) described in a given decade

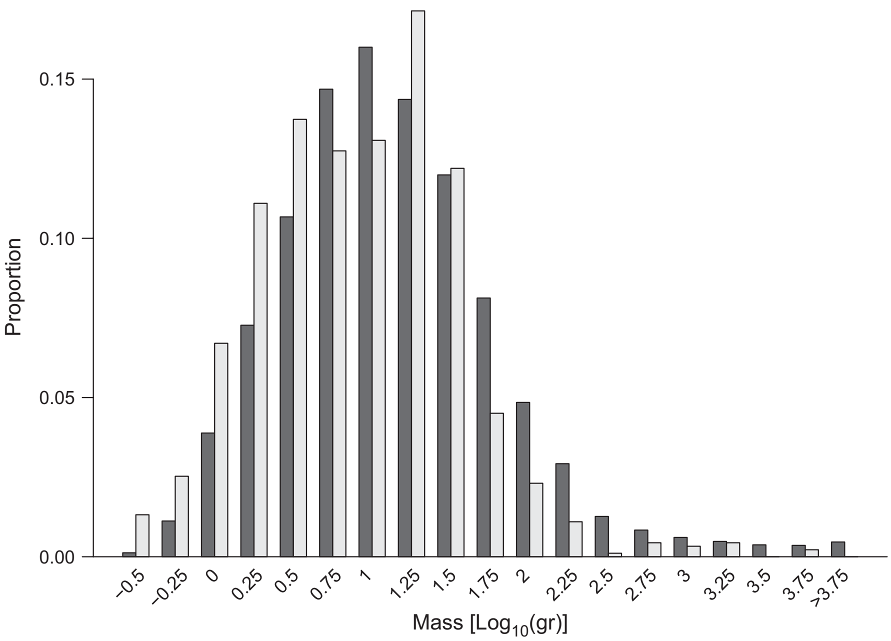

FIGURE 3 Maximum body masses of wide-ranging lizard species (dark grey, 5,634 species) and species known only from their type localities (light grey, 910 species). Frequency is the proportion of species in each category (TL-species and wider ranging species) in a given mass bin. Masses (in grams) are log-10 transformed

than those of wide-ranging species (by 34% and 49%, respectively; $t = -5.16$, $df = 873.8$, $p < .0001$).

Of the 927 species known only from their type locality, 625 (67%) have no IUCN assessment (as of September 2017). Of the 302 assessed species, 126 (42%) are data deficient (DD) and 93 (31%) are listed as threatened: 35 vulnerable (VU), 16 endangered (EN) and 42 critically endangered (CR). Seventy-seven species are classified as non-threatened (25%): 61 least concern (LC) and 16 near threatened (NT; IUCN 2017). The respective proportions for wide-ranging lizards are 11% DD, 19% threatened and 69% non-threatened species. The populations of 26 species are assessed as decreasing, and of 58 (including *Lipinia zamboangensis*, last seen in 1959, and the extinct *Tachygyia microlepis*) as stable. For most species, the population status is unknown (202 species) or has not been assessed (625 species). None are increasing.

Of the 171 species seen only before 1968, sixty-five have been assessed. Fifty-one are listed as data deficient. One African skink, *Panaspis helleri* (Loveridge 1932), is classified as least concern although as far as we are aware it is only known from its holotype (although a specimen in the Royal Museum for Central Africa [RMCA] from 2.70°S, 27.33°E, ~450 km from the type locality of *P. helleri* in Bugongo Ridge, Mt. Ruwenzori, DRC, may prove to also belong to this species, Danny Meirte, personal observation). Seven are listed as threatened (2 VU, 1 EN and 4 CR). Finally, the IUCN lists six species in our list as extinct

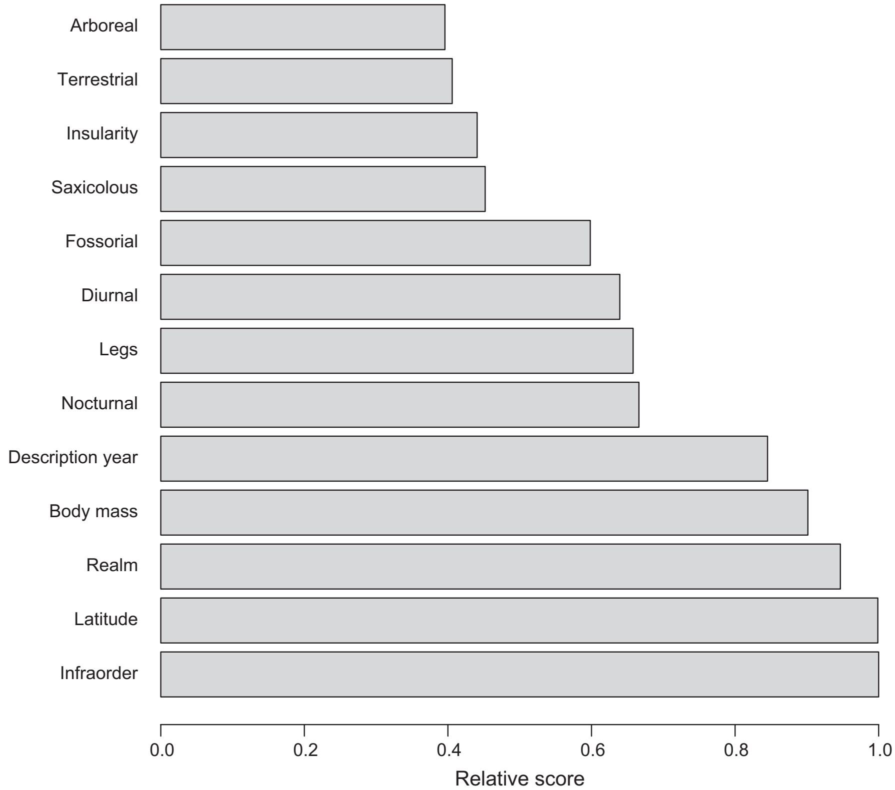

FIGURE 4 The relative importance of different traits in classifying lizards to the TL-species versus wider ranging species groups (555 and 4237 species in each group, respectively, for which data on all traits are known)

(*Celestus occiduus*, *Hoplodactylus delcourti*, *Leiocephalus herminieri*, *Leiocephalus eremitus*, *Tachygyia microlepis* and *Tetradactylus eastwoodae*). Slavenko, Tallowin, Itescu, Raia, and Meiri (2016), however, lists 20 species known only from their type localities (2.2%) as extinct (as well as 20 extinct wide-ranging species; 0.4%).

4 | DISCUSSION

We found that 927 of the world's lizard species—nearly one in seven of the currently recognized 6,568 species—are known only from the lowest end of the range size spectrum, basically from their type locality alone. Furthermore, 736 of them have never been recorded after being described, which was more than 50 years ago for 162 of them. No fewer than 213 species are only known from a single specimen.

Many species may indeed have extremely small ranges, particularly the 64 species residing on islands with <10 km maximum linear extent (e.g., *Anolis ernestwilliamsi*, Lazell, 1983), as well as cave and rock-associated endemics (e.g., *Cyrtodactylus hontreensis*, Ngo et al., 2008). Others may be more wide-ranging but were either only recently described or elevated to species level, have cryptic lifestyles, or inhabit poorly surveyed or difficult-to-access regions. Our results highlight those species of lizards (and those regions, e.g., Indonesia; see Figure 1) that are in most desperate need of further work to assess their true ranges.

Our definition of a type locality, as an area with a maximum known linear extent of less than 10 km, is arbitrary. The range sizes of lizards in general, however, are distinctly bimodal, with a pronounced mode of tiny ranges (<30 km^2), followed by a relatively symmetrical distribution around 100,000 km^2 (Roll et al., 2017). Thus, although a type locality versus wider ranging dichotomy of some sort seems justified, there is nothing special about our chosen cut-off. A similar argument can be made regarding our decision to place the early versus late cut-off at 50 years ago. We arbitrarily chose this value to represent a time span that is about the same as a long career in herpetology and much longer than the lifespan of nearly all lizards (Scharf et al., 2015). It also approximately marks an era of expanded research into lizard systematics, with 44% of all lizard species described since 1967 (the median year is 1947). The 1950s and 1960s were a time of few lizard species descriptions (Figure 2, see also Pincheira-Donoso, Bauer, Meiri, & Uetz, 2013), and the 1960s and 1970s are often thought to be when global warming started to strongly affect the phenology and ranges of organisms (e.g., Walther et al., 2002). Thus, contrasts based on these arbitrary numbers serve to illustrate important points: many lizards are known from single localities, and many of them have not been seen for a very long time, during which many important changes (e.g., habitat loss, climate change) have occurred.

4.1 | Taxonomic considerations

Some of the species in our dataset may not be real species but belong to other, better known and more widely ranging species (Isaac, Mallet, & Mace, 2004; Meiri & Mace, 2007). Many of the 'older' species we list here are known from very few specimens, and some have been lost. For example, the holotype (and only specimen) of *Chalcides pentadactylus* (Beddome, 1870) was lost before 1935 (Smith, 1935), and the holotype of *Lipinia miangensis* (Werner, 1910) was destroyed during World War II. Others are in a poor state of preservation (e.g., *Liolaemus*

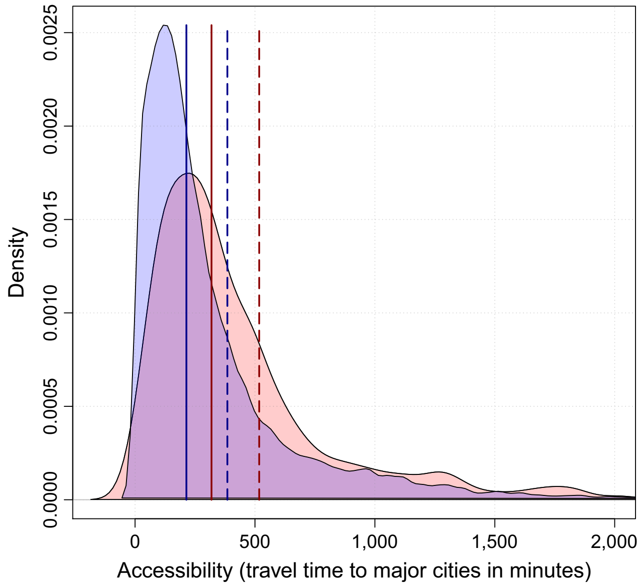

FIGURE 5 Accessibility of lizard species known only from type localities (pink, red lines) versus wide-ranging species (blue). The plots depict histograms of accessibility (= travel time to major cities, in minutes) of localities from which TL-species and wider ranging lizards are known (dashed lines: mean values, full lines: median values) [Colour figure can be viewed at wileyonlinelibrary.com]

melanopleurus, Pincheira-Donoso & Nuñez, 2005; *Capitellum parvicruzae*, Hedges & Conn, 2012). This makes it difficult to assess whether they are indeed distinct from other, better known and more widely ranging species. Even some recently described species are known from very old specimens that long remained unidentified in scientific collections. For example, *Mabuya guadeloupae* (Hedges & Conn, 2012) and *Hemidactylus endophis* (Carranza & Arnold, 2012) are based on specimens dating back to 1892 and 1887, respectively (Hedges & Conn, 2012; and Salvador Carranza, personal communication to Shai Meiri). This also likely means that they were kept in preservatives that left little DNA accessible for genetic analysis. That said, some of the species we identify as being known only from their type locality—especially those known just from the holotype—have long been known as requiring further taxonomic evaluation (e.g., *Leiolopisma fasciolare*, *Salea gularis* and *Trachylepis betsileana*; Zug, 1985; Smith, 1935; Nussbaum, Raxworthy, & Ramanamanjato, 1999; respectively). Together with more survey work, taxonomic revision of some of these lizards is strongly warranted.

4.2 | Traits of lizards known only from their type localities

In general, TL-species have a unique set of attributes that distinguishes them from wider ranging species. We identify some traits that may make these species difficult to find, such as relatively small body size and nocturnal behaviour. It is important to interpret these findings cautiously given that, for example, the apparently small body size of most TL-species we list may be an artefact of the use of maxima to represent lizard sizes (Meiri, 2008). Coupled with small sample size, this will automatically result in small inferred body sizes (Meiri, 2007). That said, the large effect size we identify (see above) makes it unlikely that all the size differences could be ascribed to sampling. Nocturnality may make lizards more difficult to detect, possibly meaning that the recent increased rate of finding nocturnal TL-species could reflect the increased use of head torches (which also resulted in finding new species of diurnal lizards, e.g., anoles and chameleons, which were detected sleeping on branches, e.g., Poe, Latella, Ayala-Varela, Yanez-Miranda, & Torres-Carvajal, 2015). It may also reflect the propensity of geckos to have narrow ranges, tropical distribution and nocturnal behaviour (Gamble, Greenbaum, Jackman, & Bauer, 2015; Meiri, 2016; Vidan et al., 2017). Indeed, the propensity of geckos to specialize in using specific and naturally isolated substrates (usually rocks; e.g., Giri, Bauer, Vyas, & Patil, 2009; Grismer, 2010; Heinicke, Jackman, & Bauer, 2017; Oliver, Bourke, Pratt, Doughty, & Moritz, 2016; Oliver & Doughty, 2016; Pauwels & Sumontha, 2014; Wood et al., 2017) and speciate where these are found may often predispose them to have very small ranges. Large, relatively continuous patches of habitat, such as Amazonia and the Sahara, on the other hand, harbour many lizard species (Roll et al., 2017), but relatively few TL-species (Figure 1).

Surprisingly, we did not find that burrowing lifestyle makes lizards more likely to have tiny ranges. Living underground may not only make species difficult to find, but may also seriously limit their dispersal abilities. The obligatory fossorial amphisbaenians, however, have a similar proportion of species known only from the type locality to that of non-fossorial lizards (31 species, 2.2% vs. 166, 3.3% of the more wide-ranging species). The mostly fossorial and secretive dibamids, however, have the highest ratio of TL-species of all lizard families. The high percentage of recently described geckos could have ‘diluted’ the signal of fossorial taxa. On the other hand, habitats used by fossorial reptiles are often extensive, whereas some exposed rock escarpments that specialized saxicolous lizards (e.g., many geckos) use are small and relatively stable over evolutionary time, mediating persistence. It should be noted, however, that many species known only from their type localities, especially some of the skinks, are so poorly studied that we have no data indicating whether they are fossorial or not.

4.3 | Threat status

By definition, species known from only a few specimens are also relatively little known. This is especially true for species known only from old records and from few or even single specimens. Thus, even though the IUCN guidelines explicitly say that “the liberal use of ‘Data Deficient’ is discouraged”; IUCN, 2017), DD is the most commonly ascribed status for the species we analysed here, and rightfully so. We suggest that DD species are probably rare (or they would be easier to ascribe to another category; cf. Bland & Bohm, 2016). We think that, until more data are gathered, species known only from a single specimen cannot be ascribed any status other than DD—or extinct. They may reasonably be listed as threatened if their habitat is known to be deteriorating, but then perhaps they are already extinct. If their habitat is large and relatively intact they may well be doing fine, but current knowledge probably precludes us from making any strong inference. Forty-six species in our list (Appendix S1) are assessed as non-threatened despite being known only from their original description. Four of them (*Panaspis helleri*, *Liolaemus lopezi*, *Adercosaurus vixadnexus* and *Loxopholis hoogmoedi*) are assessed as least concern while being known from just one individual (but see above for *P. helleri*). We suggest they may not be sufficiently well known to merit such a positive assessment.

Species known only from a single locality, especially if they have not been seen for a long time, may already be extinct. Only six species in our list are formally recognized as extinct by the IUCN. Red listing is not yet complete for reptiles (only 51%, 5,338 of >10,500 species as of May 2017), and several species most likely extinct (e.g., *Phelsuma edwardnewtoni*) are not yet listed by the IUCN. Twenty species we identify here (Appendix S1) as being known only from their type localities were listed as extinct by Slavenko et al. (2016). These include forms that have not been seen for decades, despite repeated surveys (e.g., *Alinea lanceolata*, Hedges & Conn, 2012), and species that were recently described based on old specimens (e.g., *Tarentola albertschwartzi*, Sprackland & Swinney, 1998; and many of the skinks described by Hedges and Conn (2012), such as *Mabuya guadeloupae* and *Capitellum parvicruzae*). In contrast, Slavenko et al. (2016) identify exactly the same number (20) of extinctions in species we consider more wide ranging. Thus species known only from the type locality are seven times more likely to have gone extinct than wider ranging ones. Even these numbers may underestimate the actual extinction rates of species known only from the type locality—as many of them were not seen for decades. We suggest that species not seen for 50 years or more should be reviewed as a matter of priority by the IUCN and are surveyed for in their last (and only) known locality by conservation agencies and herpetologists alike.

5 | CONCLUSIONS

Range-restricted species, i.e. true narrow endemics, are critical for the study of evolution, bioregionalization processes, small-population ecology and conservation (Nogueira, Ribeiro, Costa, & Colli, 2011; Whittaker, Araújo, Jepson, Ladle, & Willis, 2005). In general, lizards (and amphibians) have much smaller ranges than other vertebrates (e.g., Anderson, 1984; Lewin et al., 2016; Roll et al., 2017). They may thus be particularly important proxies for patterns of endemism in other, poorly known narrow-ranging taxa (e.g., most invertebrate taxa). Our work demonstrates that we still poorly understand the status of even the narrow-ranging taxa already described—many may well be threatened, or even extinct, but at the moment, we simply lack adequate data to assess their status. At the same time, the rate of accumulation of newly described endemics is increasing (Figure 2), suggesting that endemism levels in many regions and habitats remain underestimated. Thus, above all else, this work underlines the critical importance of careful, targeted surveys in nature and of integrated taxonomic analyses, to refine our understanding of which narrow-ranging lizards are valid species, which are likely to be already extinct and which are in dire need of protection.

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DATA ACCESSIBILITY

All data and references on the species known only from their type localities are included in Appendix S1.

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BIOSKETCH

The research team is dedicated to the study of lizard taxonomy, biology and biogeography, as well as to lizard conservation.

Author contributions: S.M. conceived and designed the study, U.R. and S.M. analysed the data, all the authors helped collect and verify the data, S.M. wrote the manuscript. All the authors helped the writing.

SUPPORTING INFORMATION

Additional Supporting Information may be found online in the supporting information tab for this article.

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species	only type	year of description	last seen	last date	source for last date seen	Realm	Range	Latitude	Longitude	activity time	substrate	Family	infraorder	log mass (g)	Accessibility (minutes travel)	Source for geographic data	IUCN Status	IUCN population trend	status (Slavenko et al. 2016)	notes
Abronia anzuetoi	description	1993	1974	recent	Campbell and Frost 1993	Neotropic	Guatemala	14.44	-90.73	Diurnal	Arboreal	Anguidae	Diploglossa	1.65	93	Campbell and Brodie 1999	VU	unknown	extant	
Abronia frosti	locality	1998	2009	recent	Ariano-Sanchez et al. 2011	Neotropic	Guatemala	15.86	-91.52	Diurnal	Arboreal	Anguidae	Diploglossa	1.34	312	Campbell et al. 1998	CR	decreasing	extant	
Abronia leurolepis	specimen	1993	1937	early	Campbell and Frost 1993	Neotropic	Mexico	16.45	-92.13	NA	Arboreal	Anguidae	Diploglossa	1.27	84	Kohler 2003	DD	unknown	extant	
Abronia meledona	description	1999	1992	recent	Campbell and Brodie 1999	Neotropic	Guatemala	14.53	-90.12	Diurnal	Arboreal	Anguidae	Diploglossa	1.47	122	Campbell and Brodie 1999	EN	unknown	extant	
Abronia mitchelli	specimen	1982	1974	recent	Campbell 1982	Neotropic	Mexico	17.56	-96.48	NA	NA	Anguidae	Diploglossa	1.27	243	NatureServe, IUCN	DD	unknown	extant	
Abronia ochoterenai	description	1939	1930s	early	IUCN	Neotropic	Mexico	16.35	-92.14	Diurnal	Arboreal	Anguidae	Diploglossa	1.39	45	Kohler 2003	DD	unknown	extant	
Abronia ornelasi	locality	1984	1985	recent	IUCN	Neotropic	Mexico	16.68	-94.14	Diurnal	Arboreal	Anguidae	Diploglossa	1.15	1282	Kohler 2003	DD	unknown	extant	
Abronia ramirezi	specimen	1994	1990	recent	Campbell 1994	Neotropic	Mexico	16.33	-93.89	Diurnal	Arboreal	Anguidae	Diploglossa	1.09	147	Kohler 2003	DD	unknown	extant	
Acanthodactylus ahmaddisii	specimen	2004	1936	early	Werner 2004	Palearctic	Jordan	31.50	36.00	Diurnal	NA	Lacertidae	Lacertoidea	1.05	161	Werner 2004	EN	decreasing	extant	
Acanthosaura bintangensis	description	2009	2008	recent	Wood et al. 2009	Oriental	Peninsular Malaysia	4.86	100.81	Diurnal	Arboreal	Agamidae	Acrodontia	2.00	116	Wood et al. 2009, Grismer 2011	NA	NE	extant	
Acanthosaura brachypoda	specimen	2011	2006	recent	Ananjeva et al. 2011	Oriental	Vietnam	22.21	103.46	Diurnal	Arboreal	Agamidae	Acrodontia	1.74	290	Ananjeva et al. 2011	NA	NE	extant	
Acontias schmitzi	specimen	2012	2000	recent	Wagner et al. 2012	Afrotropic	Zambia	-15.23	23.24	NA	NA	Scincidae	Scincoidea	0.95	610	Wagner et al. 2012	NA	NE	extant	
Adercosaurus vixadnexus	specimen	2001	1995	recent	Myers and Donnelly 2001	Neotropic	Venezuela	5.77	-66.13	NA	NA	Gymnophthalmidae	Lacertoidea	0.57	7432	Myers and Donnelly 2001	LC	unknown	extant	
Afroedura granitica	description	2014	2012	recent	Jacobsen et al. 2014	Afrotropic	South Africa	-24.07	30.84	NA	Saxicolous	Gekkonidae	Gekkota	0.63	339	Jacobsen et al. 2014	NA	NE	extant	
Afroedura rondavelica	description	2014	1991	recent	Jacobsen et al. 2014	Afrotropic	South Africa	-24.57	30.83	NA	Saxicolous	Gekkonidae	Gekkota	0.56	878	Jacobsen et al. 2014	NA	NE	extant	
Agama lucyae	description	2011	1964	early	Wagner and Bauer 2011	Afrotropic	Ethiopia	7.27	37.38	NA	NA	Agamidae	Acrodontia	0.80	474	Kissling et al. 2016	NA	NE	extant	
Alinea lanceolata	locality	1862	1889	early	Hedges and Conn 2012	Neotropic	Barbados	13.07	-59.54	NA	NA	Scincidae	Scincoidea	1.24	49	Hedges and Conn 2012	NA	NE	extinct	
Alinea luciae	description	1887	1887 or earlier	early	inferred from date of description	Neotropic	St. Lucia	13.89	-60.97	NA	NA	Scincidae	Scincoidea	1.45	73	Miralles et al. 2009	NA	NE	extinct	
Alopoglossus lehmanni	specimen	1984	1962	early	Ayala and Harris 1984	Neotropic	Colombia	4.00	-76.98	Diurnal	Terrestrial	Gymnophthalmidae	Lacertoidea	-0.15	104	Fernando-Castro Herrera	NA	NE	extant	
Ameiva provitaae	description	1995	1995	recent	Garcia-Perez 1995	Neotropic	Venezuela	8.48	-71.33	Diurnal	Terrestrial	Teiidae	Lacertoidea	1.88	300	Garcia-Perez 1995	EN	decreasing	extant	
Amphiglossus decaryi	locality	1930	2011	recent	IUCN	Madagascar	Madagascar	-25.03	47.00	NA	NA	Scincidae	Scincoidea	0.15	266	IUCN	EN	unknown	extant	
Amphiglossus mandady	specimen	2002	1999	recent	Andreone and Greer 2002	Madagascar	Madagascar	-15.38	49.99	Nocturnal	Terrestrial	Scincidae	Scincoidea	0.22	1769	Andreone and Greer 2002	DD	unknown	extant	
Amphiglossus spilostichus	description	2002	1996	recent	Andreone and Greer 2002	Madagascar	Madagascar	-14.91	49.71	Nocturnal	Terrestrial	Scincidae	Scincoidea	1.05	1674	Andreone and Greer 2002	DD	unknown	extant	
Amphiglossus stylus	specimen	2002	1999	recent	Andreone and Greer 2002	Madagascar	Madagascar	-15.38	49.99	Nocturnal	NA	Scincidae	Scincoidea	NA	2018	Andreone and Greer 2002	DD	unknown	extant	
Amphisbaena absaberi	description	2001	1993	recent	Strussmann and Carvalho 2001	Neotropic	Brazil	-16.17	-57.68	NA	Fossorial	Amphisbaenidae	Amphisbaenia	0.90	22	Colli et al. 2016	DD	unknown	extant	
Amphisbaena acrobeles	specimen	2009	2003	recent	Ribeiro et al. 2009	Neotropic	Brazil	-10.60	-46.77	NA	Fossorial	Amphisbaenidae	Amphisbaenia	NA	254	Colli et al. 2016	NA	NE	extant	
Amphisbaena arda	specimen	2003	2000	recent	Rodrigues 2002	Neotropic	Brazil	-10.82	-42.87	NA	Fossorial	Amphisbaenidae	Amphisbaenia	1.19	346	Colli et al. 2016	NA	NE	extant	
Amphisbaena bagual	description	2015	2002	recent	Ribeiro et al. 2015	Neotropic	Argentina	-26.18	-58.94	NA	Fossorial	Amphisbaenidae	Amphisbaenia	1.24	217	Ribeiro et al. 2015	NA	NE	extant	
Amphisbaena brevis	specimen	2009	2001	recent	Strüssmann and Mott 2009	Neotropic	Brazil	-14.96	-55.87	NA	Fossorial	Amphisbaenidae	Amphisbaenia	-0.09	129	Colli et al. 2016	NA	NE	extant	
Amphisbaena carlgansi	description	1998	1994	recent	Thomas and Hedges 1998	Neotropic	Cuba	19.86	-77.72	NA	Fossorial	Amphisbaenidae	Amphisbaenia	0.27	181	Thomas and Hedges 1998	NA	NE	extant	
Amphisbaena cayemite	description	2006	1971	recent	Thomas and Hedges 2006	Neotropic	Hispaniola: Haiti	18.61	-73.72	NA	Fossorial	Amphisbaenidae	Amphisbaenia	0.74	166	Thomas and Hedges 2006	NA	NE	extant	
Amphisbaena cerradensis	description	2008	2006	recent	Ribeiro et al. 2008	Neotropic	Brazil	-18.66	-51.87	NA	Fossorial	Amphisbaenidae	Amphisbaenia	1.71	129	Ribeiro et al. 2008	NA	NE	extant	
Amphisbaena leali	description	2006	1991	recent	Thomas and Hedges 2006	Neotropic	Hispaniola: Haiti	18.53	-73.78	NA	Fossorial	Amphisbaenidae	Amphisbaenia	0.99	133	Thomas and Hedges 2006	NA	NE	extant	
Amphisbaena metallurga	description	2015	2009	recent	Costa et al. 2015	Neotropic	Brazil	-18.90	-43.42	NA	Fossorial	Amphisbaenidae	Amphisbaenia	0.38	209	Colli et al. 2016	NA	NE	extant	
Amphisbaena myersi	specimen	1989	1963	early	Hoogmoed 1989	Neotropic	Surinam	5.42	-54.98	NA	Fossorial	Amphisbaenidae	Amphisbaenia	0.47	236	Vanzolini 2002	NA	NE	extant	
Amphisbaena persephone	description	2014	2010	recent	Pinna et al. 2014	Neotropic	Brazil	-13.88	-45.70	NA	Fossorial	Amphisbaenidae	Amphisbaenia	0.20	711	Colli et al. 2016	NA	NE	extant	
Amphisbaena polygrammica	specimen	1900	1900 or earlier	early	inferred from date of description	Neotropic	Peru	-11.07	-75.32	NA	Fossorial	Amphisbaenidae	Amphisbaenia	0.79	213	Vanzolini 2002	DD	unknown	extant	
Amphisbaena rozei	description	1963	1953	early	Lancini 1963	Neotropic	Venezuela	5.50	-64.67	NA	Fossorial	Amphisbaenidae	Amphisbaenia	0.54	3258	Vanzolini 2002	NA	NE	extant	
Amphisbaena sanctaeritae	specimen	1994	1974	recent	Vanzolini 1994	Neotropic	Brazil	-21.70	-47.47	NA	Fossorial	Amphisbaenidae	Amphisbaenia	0.24	60	Colli et al. 2016	NA	NE	extant	
Amphisbaena stejnegeri	description	1922	1921	early	Ruthven 1922	Neotropic	Guyana	6.45	-58.32	NA	Fossorial	Amphisbaenidae	Amphisbaenia	1.06	520	IUCN	DD	unknown	extant	there is a 2nd specimen but it is pre 1839 (Gans 1963)
Amphisbaena talisiae	specimen	1995	1994	recent	Vanzolini 1995a	Neotropic	Brazil	-15.82	-52.17	NA	Fossorial	Amphisbaenidae	Amphisbaenia	-0.55	273	Colli et al. 2016	NA	NE	extant	
Amphisbaena tragorrhectes	specimen	1971	1968	recent	Vanzolini 1971	Neotropic	Brazil	-1.77	-55.85	NA	Fossorial	Amphisbaenidae	Amphisbaenia	-0.47	366	Colli et al. 2016	DD	unknown	extant	may be a synonym of A. vanzolinii (Marinus Hoogmoed, pers. observation)
Amphisbaena uroxena	locality	2008	2011	recent	Mott et al. 2011	Neotropic	Brazil	-13.15	-41.40	NA	Fossorial	Amphisbaenidae	Amphisbaenia	0.22	467	Colli et al. 2016	NA	NE	extant	
Anadia altaserrania	specimen	1987	1939	early	Harris and Ayala 1987	Neotropic	Colombia	10.68	-73.65	Diurnal	Terrestrial	Gymnophthalmidae	Lacertoidea	1.03	1772	Fernando-Castro Herrera	NA	NE	extant	
Anadia hobarti	description	1990	1987	recent	La Marca and Garcia-Perez 1990	Neotropic	Venezuela	9.23	-70.40	NA	NA	Gymnophthalmidae	Lacertoidea	1.22	380	La Marca and Garcia Perez 1990	NA	NE	extant	
Anniella alexanderae	description	2013	2011	recent	vertnet	Nearctic	USA	35.21	-119.57	NA	Fossorial	Anniellidae	Diploglossa	0.85	100	Papenfuss and Parham 2013	NA	NE	extant	
Anniella campi	description	2013	2011	recent	Papenfuss and Parham 2013	Nearctic	USA	35.63	-117.96	NA	Fossorial	Anniellidae	Diploglossa	0.81	225	Papenfuss and Parham 2013	NA	NE	extant	
Anolis agassizi	locality (Small island)	1900	2006	recent	Lopez-Victoria et al. 2011	Neotropic	Colombia (Malpelo Island)	3.98	-81.60	Diurnal	Saxicolous	Dactyloidae	Pleurodonta	1.48	NA	The Reptile Database	NA	NE	extant	
Anolis alfaroi	description	1992	1990	recent	Garrido and Hedges 1992	Neotropic	Cuba	20.41	-75.05	Diurnal	Arboreal	Dactyloidae	Pleurodonta	0.00	156	Garrido and Hedges 1992	NA	NE	extant	
Anolis altavelensis	locality	1933	1999	recent	vertnet	Neotropic	Isla Alto-Velo	17.48	-71.64	Diurnal	Arboreal&Saxicolous	Dactyloidae	Pleurodonta	0.35	NA	Schwartz and Henderson 1991	NA	NE	extant	
Anolis altitudinalis	locality	1985	1989	recent	vertnet	Neotropic	Cuba	19.98	-76.83	Diurnal	Arboreal&Terrestrial	Dactyloidae	Pleurodonta	0.47	315	The Reptile Database	NA	NE	extant	
Anolis amplisquamosus	locality	1993	2009	recent	vertnet	Neotropic	Honduras	15.43	-87.30	Diurnal	Arboreal&Terrestrial	Dactyloidae	Pleurodonta	0.41	107	McCranie et al. 1992	EN	decreasing	extant	
Anolis bellipeniculus	description	1996	1995	recent	Myers and Donnelly 1996	Neotropic	Venezuela	5.72	-65.90	Diurnal	Arboreal	Dactyloidae	Pleurodonta	0.86	7110	Myers and Donnelly 1996	NA	NE	extant	
Anolis bicaorum	locality	1996	2010	recent	Logan et al. 2013	Nearctic	Isla Utila	16.10	-86.92	Diurnal	Arboreal	Dactyloidae	Pleurodonta	2.94	120	Kohler 1996	NA	NE	extant	
Anolis birama	description	1990	1980	recent	Campos-Rodriguez and Lopez-Vidal 2007	Neotropic	Cuba	20.65	-77.14	Diurnal	NA	Dactyloidae	Pleurodonta	0.76	153	Schwartz and Henderson 1991, Schettir	NA	NE	extant	
Anolis campbelli	description	2008	1998	recent	Kohler and Smith 2008	Neotropic	Guatemala	16.00	-91.58	Diurnal	Terrestrial	Dactyloidae	Pleurodonta	0.46	288	Kohler and Smith 2008	NA	NE	extant	
Anolis caquetae	specimen	1974	1950	early	vertnet	Neotropic	Colombia	0.04	-73.53	Diurnal	Arboreal	Dactyloidae	Pleurodonta	0.61	2634	ZSL, Monika Bohme	DD	unknown	extant	
Anolis carlostoddi	specimen	1996	1984	recent	Williams et al. 1996	Neotropic	Venezuela	5.20	-62.32	Diurnal	Saxicolous	Dactyloidae	Pleurodonta	0.55	1978	Williams et al. 1996a	NA	NE	extant	
Anolis damulus	locality	1864	1966	early	Vertnet	Neotropic	Mexico	17.70	-96.32	NA	NA	Dactyloidae	Pleurodonta	0.47	306	Fitch 1976	NA	NE	extant	
Anolis delafuentei	specimen	1982	1972	recent	Garrido 1982	Neotropic	Cuba	21.85	-80.00	Diurnal	Arboreal	Dactyloidae	Pleurodonta	0.68	131	Schwartz and Henderson 1991, Schettir	NA	NE	extant	
Anolis demissus	description	1969	1966	early	vertnet	Neotropic	Île Grande Cayemite, Haiti , Hi	18.61	-73.79	NA	NA	Dactyloidae	Pleurodonta	0.96	157	Kohler and Hedges 2016	NA	NE	extant	
Anolis desechensis	locality (Small island)	1976	2001	recent	vertnet	Neotropic	Puerto Rico Bank: Isla Desech	18.39	-67.48	Diurnal	Arboreal&Saxicolous	Dactyloidae	Pleurodonta	0.59	124	Schwartz and Henderson 1991	NA	NE	extant	
Anolis desiradei	locality (Small island)	1964	2012	recent	inaturalist	Neotropic	Guadeloupe: La Desirade Islan	16.32	-61.05	Diurnal	Arboreal&Saxicolous	Dactyloidae	Pleurodonta	1.02	122	Breuil 2002	NA	NE	extant	
Anolis divius	description	2016	2013	recent	Kohler and Hedges 2016	Neotropic	Hispaniola: Dominican Republ	18.19	-71.56	Diurnal	Arboreal	Dactyloidae	Pleurodonta	0.82	322	Kohler and Hedges 2016	NA	NE	extant	
Anolis ernestwilliamsi	locality (Small island)	1983	2016	recent	http://www.anoleannals.org/2016/05/24/carrot-r	Neotropic	British Virgin islands: Carrot F	18.33	-64.57	Diurnal	Saxicolous	Dactyloidae	Pleurodonta	1.06	280	Lazell 1983	NA	NE	extant	
Anolis eugenegrahami	locality	1978	2009	recent	vertnet	Neotropic	Hispaniola: Haiti	19.62	-72.43	Diurnal	Semi Aquatic	Dactyloidae	Pleurodonta	0.99	137	vertnet	NA	NE	extant	
Anolis fortunensis	locality	1993	2008	recent	Lotzkat et al. 2010	Neotropic	Panama	8.72	-82.19	NA	Arboreal	Dactyloidae	Pleurodonta	0.40	471	Arosemena and Ibanez 1993	DD	unknown	extant	
Anolis garridoi	description	1996	1991	recent	Diaz et al. 1996	Neotropic	Cuba	21.94	-80.05	Diurnal	Arboreal	Dactyloidae	Pleurodonta	0.20	129	Schettino 1999	NA	NE	extant	
Anolis gorgonae	locality (Small island)	1905	2005	recent	vertnet	Neotropic	Colombia (Gorgona Island)	2.97	-78.18	Diurnal	Arboreal	Dactyloidae	Pleurodonta	0.80	332	Castro-Herrera et al. 2012	NA	NE	extant	
Anolis ibague	locality	1975	1980	recent	Vertnet	Neotropic	Colombia	4.84	-74.21	Diurnal	Arboreal	Dactyloidae	Pleurodonta	NA	68	Fernando-Castro Herrera	NA	NE	extant	
Anolis incredulus	specimen	1998	1963	early	Garrido and Moreno 1998	Neotropic	Cuba	20.03	-76.79	NA	NA	Dactyloidae	Pleurodonta	-0.07	331	Garrido and Moreno 1998	NA	NE	extant	
Anolis juangundlachi	locality	1975	1996	recent	IUCN	Neotropic	Cuba	22.81	-81.22	Diurnal	Arboreal	Dactyloidae	Pleurodonta	0.00	36	Schwartz and Henderson 1991, Schettir	CR	unknown	extant	
Anolis kathydayae	description	2017	2013	recent	Poe and Ryan 2017	Neotropic	Panama	8.78	-82.21	Diurnal	Arboreal	Dactyloidae	Pleurodonta	1.81	570	Poe and Ryan 2017	NA	NE	extant	
Anolis laevis	specimen	1876	1876 or earlier	early	inferred from date of description	Neotropic	Peru	-5.68	-76.79	NA	NA	Dactyloidae	Pleurodonta	0.66	576	de Espinoza 1983	NA	NE	extant	
Anolis lamari	specimen	1992	1980	recent	Williams 1992	Neotropic	Colombia	3.95	-74.07	Diurnal	Arboreal	Dactyloidae	Pleurodonta	0.23	475	Williams 1992	NA	NE	extant	
Anolis landestoyi	description	2016	2011	recent	Mahler et al. 2016	Neotropic	Hispaniola: Dominican Republ	18.33	-71.64	Diurnal	Arboreal	Dactyloidae	Pleurodonta	1.69	132	Mahler et al. 2016	NA	NE	extant	
Anolis lemniscatus	description	1898	1898 or earlier	early	inferred from date of description	Neotropic	Ecuador	-1.69	-79.03	NA	NA	Dactyloidae	Pleurodonta	0.47	206	vertnet	DD	unknown	extant	
Anolis longiceps	locality (Small island)	1919	1998	recent	vertnet	Neotropic	Navassa Island	18.41	-75.01	Diurnal	Arboreal&Saxicolous&Terrestrial	Dactyloidae	Pleurodonta	1.07	276	Schwartz and Henderson 1991, Powell	VU	stable	extant	
Anolis luteosignifer	locality (Small island)	1888	21st century	recent	inferred from Hailey et al. 2011	Neotropic	Cayman Islands: Cayman Brac	19.70	-79.86	NA	Arboreal&Saxicolous&Terrestrial	Dactyloidae	Pleurodonta	0.59	442	Schwartz and Henderson 1991	NA	NE	extant	
Anolis macilentus	description	1992	1990	recent	Garrido and Hedges 1992	Neotropic	Cuba	20.27	-75.12	Diurnal	Arboreal	Dactyloidae	Pleurodonta	0.17	84	Garrido and Hedges 1992	NA	NE	extant	
Anolis menta	description	1984	1980	recent	Ayala et al. 1984	Neotropic	Colombia	10.89	-73.92	Diurnal	Arboreal	Dactyloidae	Pleurodonta	0.57	550	Ayala et al. 1984	NA	NE	extant	
Anolis morazani	description	2009	2007	recent	Townsend and Wilson 2009	Neotropic	Honduras	14.98	-87.11	Diurnal	Terrestrial	Dactyloidae	Pleurodonta	0.64	205	McCranie and Kohler 2015	NA	NE	extant	
Anolis nubilus	locality (Small island)	1887	2012	recent	Bell and Daltry 2012	Neotropic	Redonda Island	16.94	-62.35	Diurnal	Arboreal&Saxicolous&Terrestrial	Dactyloidae	Pleurodonta	1.04	NA	Schwartz and Henderson 1991	LC	stable	extant	
Anolis oporinus	specimen	2001	1990	recent	Garrido and Hedges 2001	Neotropic	Cuba	20.20	-76.40	Diurnal	NA	Dactyloidae	Pleurodonta	0.34	223	Garrido and Hedges 2001	NA	NE	extant	
Anolis paravertebralis	specimen	2005	1920	early	Bernal-Carlo and Roze 2005	Neotropic	Colombia	10.50	-74.22	Diurnal	Arboreal	Dactyloidae	Pleurodonta	0.42	1556	Bernal-Carlo and Roze 2005	NA	NE	extant	
Anolis pecuarius	locality (Small island)	1969	2011	recent	Kohler and Hedges 2016	Neotropic	Île-à-Vache,	18.08	-73.67	Diurnal	Arboreal	Dactyloidae	Pleurodonta	0.99	97	Kohler and Hedges 2016	NA	NE	extant	
Anolis peruensis	description	2015	2005	recent	Poe et al. 2015	Neotropic	Peru	-5.73	-77.91	NA	NA	Dactyloidae	Pleurodonta	0.57	461	Poe et al. 2015	NA	NE	extant	
Anolis pinchoti	locality (Small island)	1931	1974	recent	vertnet	Neotropic	Yucatan: Isla de Provenciada	13.35	-81.37	NA	Arboreal&Terrestrial	Dactyloidae	Pleurodonta	0.59	663	Corn and Dalby 1973	VU	unknown	extant	
Anolis propinquus	specimen	1984	1974	recent	Williams 1984	Neotropic	Colombia	3.88	-76.58	Diurnal	Arboreal	Dactyloidae	Pleurodonta	NA	166	Fernando-Castro Herrera	NA	NE	extant	
Anolis pseudotigrinus	locality	1933	2016	recent	Prates et al. 2017	Neotropic	Brazil	-19.92	-40.55	Diurnal	Arboreal	Dactyloidae	Pleurodonta	0.78	145	Camacho et al. 2016	NA	NE	extant	
Anolis radulinus	specimen	1862	1862 or earlier	early	inferred from date of description	Neotropic	Colombia	7.54	-76.65	Diurnal	Arboreal&Terrestrial	Dactyloidae	Pleurodonta	0.29	127	Fernando-Castro Herrera	NA	NE	extant	
Anolis rimarum	description	1967	1966	early	Thomas and Schwartz 1967	Neotropic	Hispaniola: Haiti	19.46	-72.42	Diurnal	Arboreal&Saxicolous	Dactyloidae	Pleurodonta	0.29	114	Schwartz and Henderson 1991	NA	NE	extant	
Anolis sabanus	locality (Small island)	1887	2015	recent	http://www.anoleannals.org/2016/06/02/first-ev	Neotropic	Saba Island	17.65	-63.23	Diurnal	Arboreal&Saxicolous&Terrestrial	Dactyloidae	Pleurodonta	0.84	427	Schwartz and Henderson 1991, Powell	NA	NE	extant	
Anolis santamartae	description	1982	1968	recent	Williams 1982	Neotropic	Colombia	10.07	-73.27	Diurnal	Arboreal	Dactyloidae	Pleurodonta	0.55	371	Williams 1982	NA	NE	extant	
Anolis singularis	specimen	1965	1962	early	Williams 1965, Kohler and Hedges 2016	Neotropic	Hispaniola: Haiti	18.48	-74.05	Diurnal	Arboreal	Dactyloidae	Pleurodonta	0.47	271	Kohler and Hedges 2016	NA	NE	extant	
Anolis tenorioensis	description	2011	2011	recent	Kohler 2011	Neotropic	Costa Rica	10.71	-85.03	NA	Arboreal	Dactyloidae	Pleurodonta	0.29	405	Kohler 2011	NA	NE	extant	
Anolis toldo	specimen	2000	1997	recent	Fong and Garrido 2000	Neotropic	Cuba	20.54	-74.91	Diurnal	Arboreal	Dactyloidae	Pleurodonta	0.68	214	Fong and Garrido 2000	NA	NE	extant	
Anolis townsendi	locality (Small island)	1900	1997	recent	Sierra 2001	Neotropic	Cocos Island	5.53	-87.06	Diurnal	Arboreal&Saxicolous&Terrestrial	Dactyloidae	Pleurodonta	0.84	996	Savage 2002	NA	NE	extant	
Anolis triumphalis	specimen	2014	2012	recent	Nicholson and Kohler 2014	Neotropic	Panama	8.45	-78.00	Diurnal	Terrestrial	Dactyloidae	Pleurodonta	0.53	521	Nicholson and Kohler 2014	NA	NE	extant	
Anolis umbrivagus	locality	2005	2005	recent	Pictures in the reptile database	Neotropic	Colombia	11.04	-73.93	Diurnal	Arboreal	Dactyloidae	Pleurodonta	0.32	1130	Carlo and Roze 2005	NA	NE	extant	
Anolis utilensis	locality (Small island)	1996	2012	recent	Hallmen and Huy 2012	Neotropic	Isla de Utila	16.10	-86.93	Diurnal	Arboreal	Dactyloidae	Pleurodonta	0.64	NA	Kohler 2008	NA	NE	extant	
Anolis vescus	description	1992	1990	recent	Garrido and Hedges 1992	Neotropic	Cuba	20.18	-74.56	Diurnal	Arboreal	Dactyloidae	Pleurodonta	0.17	576	Garrido and Hedges 1992	NA	NE	extant	
Anolis vicarius	specimen	1986	1981	recent	Williams 1986	Neotropic	Colombia	7.04	-76.27	Diurnal	Arboreal	Dactyloidae	Pleurodonta	0.35	472	Fernando-Castro Herrera	NA	NE	extant	
Anolis villai	locality (Small island)	1976	2010	recent	Sunyer et al. 2013	Neotropic	Great Corn Island	12.16	-83.06	Diurnal	Arboreal	Dactyloidae	Pleurodonta	0.66	NA	Kohler 2003	NA	NE	extant	
Anolis williamsii	specimen	1870	1870 or earlier	early	Bocourt 1870	Neotropic	Brazil	NA	NA	Diurnal	Arboreal&Terrestrial	Dactyloidae	Pleurodonta	0.42	NA	Guarino Colli, Cristiano Nogueira	NA	NE	extant	
Aprasia wicherina	description	2015	2013	recent	Maryan et al. 2015	Australia	Australia	-28.72	115.02	NA	Fossorial	Pygopodidae	Gekkota	0.65	305	Maryan et al. 2015	NA	NE	extant	
Arthrosaura testigensis	description	1999	1988	recent	Gorzula and Senaris 1999	Neotropic	Venezuela	5.88	-62.06	NA	NA	Gymnophthalmidae	Lacertoidea	-0.04	1860	Gorzula and Senaris 1999	LC	unknown	extant	
Asaccus andersoni	description	2011	2007	recent	Torki et al. 2011	Palearctic	Iran	33.92	46.23	Cathemeral	Saxicolous	Phyllodactylidae	Gekkota	0.91	97	Torki et al. 2011	NA	NE	extant	
Asaccus iranicus	description	2011	2008	recent	Torki et al. 2011	Palearctic	Iran	27.30	52.70	Nocturnal	Saxicolous	Phyllodactylidae	Gekkota	0.29	462	Torki et al. 2011	NA	NE	extant	

Asaccus saffinae	description	2009	2008	recent	Afrasiab and Mohamad 2009	Palearctic	Iraq	36.62	44.75	Nocturnal	Saxicolous	Phyllodactylidae	Gekkota	0.69	251	Afrasiab and Mohamad 2009	NA	NE	extant
Asaccus zagrosicus	description	2011	2008	recent	Torki et al. 2011	Palearctic	Iran	33.03	48.65	Cathemeral	Saxicolous	Phyllodactylidae	Gekkota	0.62	174	Torki et al. 2011	NA	NE	extant
Aspidoscelis picta	locality (Small island)	1921	2001	recent	Grismer 2002	Nearctic	Monserrate Island	25.69	-111.04	Diurnal	Terrestrial	Teiidae	Lacertoidea	1.01	338	Grismer 2002	LC	stable	extant
Asymblepharus nepalensis	description	1998	1991	recent	Eremchenko et al. 1998	Oriental	Nepal	28.17	83.87	Diurnal	NA	Scincidae	Scincoidea	0.08	142	Schleich and Kastle 2002	NA	NE	extant
Asymblepharus tragbulense	description	1898	1885	early	Das et al. 1998	Oriental	India	34.48	74.67	Diurnal	NA	Scincidae	Scincoidea	0.53	267	Das et al. 1998	NA	NE	extant
Bachia micromela	description	2007	2001	recent	Rodrigues et al. 2007	Neotropic	Brazil	-8.64	-48.42	Diurnal	Fossorial	Gymnophthalmidae	Lacertoidea	0.56	449	Rodrigues et al. 2007	NA	NE	extant
Bachia psamophila	description	2007	2002	recent	Rodrigues et al. 2007	Neotropic	Brazil	-10.03	-48.38	Diurnal	Fossorial	Gymnophthalmidae	Lacertoidea	0.41	117	Rodrigues et al. 2007	NA	NE	extant
Bachia remota	specimen	2016	2005	recent	Ribeiro–Junior et al. 2016	Neotropic	Brazil	2.19	-54.59	Diurnal	Fossorial	Gymnophthalmidae	Lacertoidea	0.58	1450	Ribeiro–Junior et al. 2016	NA	NE	extant
Baikia africana	locality	1865	1963	early	Dunger 1964	Afrotropic	Nigeria	9.30	5.03	NA	Fossorial	Amphisbaenidae	Amphisbaenia	0.62	174	Dunger 1964	DD	unknown	extant
Barkudia melanosticta	locality	1801	1984	recent	Das 1999	Oriental	India	17.72	83.34	Cathemeral	Fossorial	Scincidae	Scincoidea	0.89	24	Das 1999	DD	unknown	extant
Bavayia pulchella	description	1998	1996	recent	vertnet	Oceania	New Caledonia	-21.47	165.58	Nocturnal	Arboreal	Diplodactylidae	Gekkota	0.37	199	Bauer et al. 1998	NT	unknown	extant
Blaesodactylus microtuberculatus	locality	2015	2016	recent	Frank Glaw, pers. obs.	Madagascar	Madagascar	-12.95	49.12	Nocturnal	Saxicolous	Gekkonidae	Gekkota	1.47	194	Jono et al. 2015	NA	NE	extant
Blaesodactylus victori	specimen	2016	2012	recent	Ineich et al. 2016	Madagascar	Madagascar	-16.47	45.35	Nocturnal	Arboreal	Gekkonidae	Gekkota	1.57	354	Ineich et al. 2016	NA	NE	extant
Brachymeles dalawangdaliri	description	2016	1972	recent	Davis et al. 2016	Oriental	Tablas Island	12.58	122.10	NA	Fossorial&Terrestrial	Scincidae	Scincoidea	0.51	364	Davis et al. 2016	NA	NE	extant
Brachymeles isangdaliri	description	2014	2009	recent	Davis et al. 2014	Oriental	Luzon	15.74	121.58	NA	Fossorial&Terrestrial	Scincidae	Scincoidea	0.18	216	Davis et al. 2014	NA	NE	extant
Brachymeles ligtas	description	2016	2009	recent	Geheber et al. 2016	Oriental	Lubang Island	13.81	120.14	NA	Fossorial&Terrestrial	Scincidae	Scincoidea	0.49	265	Geheber et al. 2016	NA	NE	extant
Brachymeles lukbani	description	2010	2008	recent	Siler et al. 2010	Oriental	Luzon	14.04	122.79	NA	Fossorial&Terrestrial	Scincidae	Scincoidea	0.27	396	Siler et al. 2010	NA	NE	extant
Brachymeles wrighti	description	1925	early 1900's	early	IUCN	Oriental	Luzon	16.42	120.60	NA	Fossorial&Terrestrial	Scincidae	Scincoidea	1.02	31	IUCN	DD	unknown	extant
Bradypodion ngomeense	description	2009	2004	recent	Tilbury and Tolley 2009	Afrotropic	South Africa	-27.82	31.42	NA	Arboreal	Chamaeleonidae	Acrodontia	1.06	490	Tilbury and Tolley 2009, Tilbury 2010	NA	NE	extant
Bronchocela orlovi	specimen	2004	1993	recent	Hallermann 2004	Oriental	Vietnam	14.33	108.60	Diurnal	Arboreal	Agamidae	Acrodontia	1.65	671	Hallermann 2004, Hallermann 2005	NA	NE	extant
Brookesia ambreensis	locality	1995	2012	recent	Frank Glaw, pers. obs.	Madagascar	Madagascar	-12.51	49.17	Diurnal	Terrestrial	Chamaeleonidae	Acrodontia	0.67	281	Brown et al. 2014	NT	stable	extant
Brookesia antakarana	locality	1995	2012	recent	Frank Glaw, pers. obs.	Madagascar	Madagascar	-12.52	49.16	Diurnal	Terrestrial	Chamaeleonidae	Acrodontia	0.73	281	Brown et al. 2014	NT	stable	extant
Brookesia bekolosy	specimen	1995	1992	recent	Raxworthy and Nussbaum 1995	Madagascar	Madagascar	-14.05	48.30	Diurnal	Terrestrial	Chamaeleonidae	Acrodontia	0.11	730	Brown et al. 2014	EN	decreasing	extant
Brookesia bonsi	locality	1980	1996	recent	vertnet	Madagascar	Madagascar	-16.46	45.34	Diurnal	Terrestrial	Chamaeleonidae	Acrodontia	0.24	354	Brown et al. 2014	CR	decreasing	extant
Brookesia brunoi	locality	2012	2014	recent	Frank Glaw, pers. obs.	Madagascar	Madagascar	-21.85	46.86	Diurnal	Terrestrial	Chamaeleonidae	Acrodontia	0.38	90	Crottini et al. 2012	NT	unknown	extant
Brookesia confidens	description	2012	2008	recent	Glaw et al. 2012	Madagascar	Madagascar	-12.96	49.12	Diurnal	Terrestrial	Chamaeleonidae	Acrodontia	-0.37	172	Glaw et al. 2012	NT	unknown	extant
Brookesia desperata	locality	2012	2012	recent	Frank Glaw, pers. obs.	Madagascar	Madagascar	-12.47	49.23	Diurnal	Terrestrial	Chamaeleonidae	Acrodontia	-0.04	134	Brown et al. 2014	CR	decreasing	extant
Brookesia lambertoni	description	1970	1921 or earlier	early	Brygoo 1971	Madagascar	Madagascar	-18.08	48.90	Diurnal	Terrestrial	Chamaeleonidae	Acrodontia	0.41	130	Brown et al. 2014	DD	unknown	extant
Brookesia micra	locality (Small island)	2012	2015	recent	Villeneuve 2015, Villeneuve 2017	Madagascar	Nosy Hara Island	-12.25	49.01	Diurnal	Terrestrial	Chamaeleonidae	Acrodontia	-0.52	90	Brown et al. 2014	NT	unknown	extant
Brookesia tuberculata	locality	1894	2014	recent	Frank Glaw, pers. obs.	Madagascar	Madagascar	-12.54	49.17	Diurnal	Terrestrial	Chamaeleonidae	Acrodontia	-0.42	281	Brown et al. 2014	VU	stable	extant
Caledoniscincus cryptos	specimen	1999	1990	recent	Sadlier et al. 1999	Oceania	New Caledonia	-21.57	165.82	Diurnal	NA	Scincidae	Scincoidea	0.21	236	Bauer and Sadlier 2000	DD	unknown	extant
Caledoniscincus pelletieri	description	2014	2012	recent	Sadlier et al. 2014	Oceania	New Caledonia	-20.48	164.22	Diurnal	Terrestrial	Scincidae	Scincoidea	0.58	365	Sadlier et al. 2014	NA	NE	extant
Caledoniscincus terma	description	1999	1995	recent	Sadlier et al. 1999	Oceania	New Caledonia	-20.40	164.52	Diurnal	Terrestrial	Scincidae	Scincoidea	0.36	560	Bauer and Sadlier 2000	VU	stable	extant
Calotes bhutanensis	specimen	1975	1967	early	Biswas 1975	Oriental	Bhutan	27.17	90.72	Diurnal	NA	Agamidae	Acrodontia	0.86	463	Bauer and Gunther 1992	NA	NE	extant
Calotes desilvai	description	2005	2004	recent	Bahir and Maduwage 2005	Oriental	Sri Lanka	6.41	80.71	Diurnal	Arboreal	Agamidae	Acrodontia	1.22	221	Somaweera and Somaweera 2009	NA	NE	extant
Calotes manamendrai	description	2014	21st century	recent	Amarasinghe et al. 2014	Oriental	Sri Lanka	7.52	80.71	Diurnal	Arboreal	Agamidae	Acrodontia	1.04	200	Amarasinghe et al. 2014a	NA	NE	extant
Calotes nigriplicatus	specimen	2000	1885	early	Hallermann 2000	Oceania	Ambon Island	-3.63	128.14	NA	NA	Agamidae	Acrodontia	NA	106	Hallermann 2000	NA	NE	extant
Calumma jejy	description	2006	1996	recent	Raxworthy and Nussbaum 2006	Madagascar	Madagascar	-14.45	49.74	Diurnal	Arboreal&Saxicolous&Terrestrial	Chamaeleonidae	Acrodontia	1.32	1374	Brown et al. 2014	VU	stable	extant
Calyptommatus nicterus	description	1991	1988	recent	Rodrigues 1991	Neotropic	Brazil	-10.62	-42.59	Nocturnal	Fossorial	Gymnophthalmidae	Lacertoidea	0.34	516	Camacho et al. 2016	NA	NE	extant
Calyptommatus sinebrachiatus	locality	1991	1987	recent	Rodrigues 1991	Neotropic	Brazil	-11.11	-42.73	Nocturnal	Fossorial	Gymnophthalmidae	Lacertoidea	0.37	349	Camacho et al. 2016	NA	NE	extant
Capitellum mariagalantae	specimen	2012	before 1862	early	Hedges and Conn 2012	Neotropic	Guadeloupe: Marie-Galante	15.93	-61.26	NA	NA	Scincidae	Scincoidea	0.99	199	Hedges and Conn 2012	NA	NE	extinct
Capitellum metallicum	description	1879	1879 or earlier	early	inferred from date of description	Neotropic	Martinique	14.66	-61.02	NA	NA	Scincidae	Scincoidea	0.91	10	Hedges and Conn 2012	NA	NE	extinct
Capitellum parvicruzae	specimen	2012	1875 or earlier	early	Hedges and Conn 2012	Neotropic	U.S. Virgin Islands: St. Croix	17.73	-64.77	NA	NA	Scincidae	Scincoidea	0.79	323	Hedges and Conn 2012	CR	decreasing	extinct
Carlia bomberai	description	2006	2002	recent	Zug and Allison 2006	Oceania	New Guinea	-2.45	133.12	Diurnal	Terrestrial	Scincidae	Scincoidea	0.47	2678	GBIF.org	LC	unknown	extant
Carlia nigrauris	description	2010	1990	recent	Zug 2010	Oriental	Pulau Tindjil	-6.96	105.79	NA	Terrestrial	Scincidae	Scincoidea	0.58	193	Zug 2010	NA	NE	extant
Carlia sukur	description	2014	1908	early	Zug and Kaiser 2014	Oceania	Pulau Sukur	-8.12	122.13	NA	NA	Scincidae	Scincoidea	0.08	152	Zug and Kaiser 2014	NA	NE	extant
Carlia wundalthini	description	2014	2013	recent	Hoskin 2014	Australia	Australia	-14.28	144.49	Diurnal	Terrestrial	Scincidae	Scincoidea	0.33	710	Hoskin 2014	NA	NE	extant
Celatiscincus euryotis	locality	1910	1992	recent	vertnet	Oceania	New Caledonia	-22.59	167.45	Diurnal	Terrestrial	Scincidae	Scincoidea	0.12	NA	vertnet	EN	unknown	extant
Celestus adercus	specimen	2008	2000	recent	Savage et al. 2008	Neotropic	Panama	8.67	-80.59	NA	Arboreal	Anguidae	Diploglossa	0.79	452	Savage et al. 2008	DD	unknown	extant
Celestus anelpistus	description	1979	1977	recent	Schwartz et al. 1979	Neotropic	Hispaniola: Dominican Republ	18.70	-70.24	Nocturnal	Terrestrial	Anguidae	Diploglossa	2.78	82	Schwartz and Henderson 1991, Powell	CR	decreasing	extant
Celestus badius	locality (Small island)	1868	2015	recent	IUCN	Neotropic	Navassa Island	18.41	-75.01	Diurnal	Terrestrial	Anguidae	Diploglossa	1.25	276	Powell 1999	NA	NE	extant
Celestus fowleri	description	1971	1970	recent	Schwartz 1971, Corry et al. 2010	Neotropic	Jamaica	18.34	-77.65	Nocturnal	Arboreal	Anguidae	Diploglossa	1.27	230	Schwartz and Henderson 1991	DD	NA	extant
Celestus macrotus	specimen	1989	1984	recent	Thomas and Hedges 1989	Neotropic	Hispaniola: Haiti	18.30	-71.97	NA	NA	Anguidae	Diploglossa	0.42	359	Schwartz and Henderson 1991	NA	NE	extant
Celestus microblepharis	specimen	1959	1952	early	Underwood 1959	Neotropic	Jamaica	18.40	-76.97	NA	NA	Anguidae	Diploglossa	0.98	124	Schwartz and Henderson 1991	DD	NA	extant
Celestus occiduus	locality	1802	1840	early	IUCN	Neotropic	Jamaica	18.05	-77.51	NA	Terrestrial	Anguidae	Diploglossa	3.04	58	vertnet	EX	NA	extinct
Ceratophora erdeleni	locality	1998	2010	recent	Janzen 2011	Oriental	Sri Lanka	6.41	80.64	Diurnal	Arboreal	Agamidae	Acrodontia	1.29	266	Janzen 2011	NA	NE	extant
Ceratophora karu	description	1998	1996	recent	Pethiyagoda and Manamendra-Arachchi 1998	Oriental	Sri Lanka	6.41	80.66	Diurnal	Arboreal&Terrestrial	Agamidae	Acrodontia	0.29	266	Pethiyagoda and Manamendra-Arachch	NA	NE	extant
Cercosaura hypnoides	description	2012	1980	recent	Doan and Lamar 2012	Neotropic	Colombia	4.10	-73.80	Diurnal	Terrestrial	Gymnophthalmidae	Lacertoidea	-0.01	261	Doan and Lamar 2012	DD	unknown	extant
Cercosaura steyeri	specimen	1998	1994	recent	Tedesco 1998	Neotropic	Argentina	-28.13	-57.25	NA	NA	Gymnophthalmidae	Lacertoidea	0.28	1831	Tedesco 1998	NA	NE	extant
Chalcides pentadactylus	specimen	1870	1870 or earlier	early	inferred from date of description	Oriental	India	11.18	75.82	NA	NA	Scincidae	Scincoidea	NA	29	Srinivasulu et al. 2014b	DD	unknown	extant
Chirindia mpwapwaensis	description	1932	1929	early	Loveridge 1932	Afrotropic	Tanzania	-6.35	36.50	NA	Fossorial	Amphisbaenidae	Amphisbaenia	0.34	61	Loveridge 1932	DD	unknown	extant
Cnemaspis aceh	specimen	2017	2007	recent	Iskandar et al. 2017	Oriental	Sumatra	4.67	96.01	NA	Arboreal	Gekkonidae	Gekkota	-0.14	1477	Iskandar et al. 2017	NA	NE	extant
Cnemaspis adii	description	2015	2013	recent	Srinivasulu et al. 2015	Oriental	India	15.33	76.47	Diurnal	Saxicolous	Gekkonidae	Gekkota	0.02	30	Srinivasulu et al. 2015	NA	NE	extant
Cnemaspis amith	description	2007	19th century	early	Manamendra-Arachchi et al. 2007	Oriental	Sri Lanka	NA	NA	NA	NA	Gekkonidae	Gekkota	-0.05	NA	not mapped	NA	NE	extant
Cnemaspis andersonii	specimen	1905	1905 or earlier	early	Annandale 1904	Oriental	Andamans, Narcondam Island	13.43	94.28	NA	NA	Gekkonidae	Gekkota	-0.11	NA	Indraneil Das	NA	NE	extant
Cnemaspis aurantiacopes	locality	2007	2014	recent	Ziegler et al. 2015	Oriental	Vietnam	10.11	104.89	Nocturnal	Saxicolous	Gekkonidae	Gekkota	0.64	195	Grismer and Ngo 2007	NA	NE	extant
Cnemaspis australis	specimen	2007	19th century	early	Beddome specimen	Oriental	India	8.61	77.38	NA	NA	Gekkonidae	Gekkota	-0.15	143	IUCN	DD	unknown	extant
Cnemaspis bayuensis	description	2008	2008	recent	Grismer et al. 2008	Oriental	Peninsular Malaysia	5.09	102.22	Diurnal	Saxicolous	Gekkonidae	Gekkota	0.35	325	Grismer et al. 2008	NA	NE	extant
Cnemaspis bidongensis	description	2014	2013	recent	Grismer et al. 2014b, Gamble et al. 2015	Oriental	Bidong Island	5.37	103.03	Cathemeral	Arboreal&Saxicolous	Gekkonidae	Gekkota	0.63	100	Grismer et al. 2014b	NA	NE	extant
Cnemaspis boiei	description	1842	1842 or earlier	early	inferred from date of description	Oriental	India	NA	NA	NA	NA	Gekkonidae	Gekkota	0.14	NA	not mapped	NA	NE	extant
Cnemaspis caudanivea	description	2007	2006	recent	Grismer and Ngo 2007	Oriental	Vietnam: Hon Tre Island	9.97	104.85	Cathemeral	Saxicolous	Gekkonidae	Gekkota	0.38	NA	Grismer and Ngo 2007	NA	NE	extant
Cnemaspis clivicola	description	2007	2005	recent	Manamendra-Arachchi et al. 2007	Oriental	Sri Lanka	6.91	80.77	NA	NA	Gekkonidae	Gekkota	0.30	230	Manamendra-Arachchi et al. 2007	NA	NE	extant
Cnemaspis dezwaani	locality	2005	2009	recent	Iskandar et al. 2017	Oriental	Nias Island	1.22	97.60	Nocturnal	Arboreal	Gekkonidae	Gekkota	-0.11	506	Das 2005	NA	NE	extant
Cnemaspis flaviventralis	description	2016	2015	recent	Sayyed et al. 2016	Oriental	India	15.96	74.00	Nocturnal	Arboreal&Terrestrial	Gekkonidae	Gekkota	0.00	141	Sayyed et al. 2016	NA	NE	extant
Cnemaspis gigas	locality	1986	2010	recent	Jean-François Trape	Afrotropic	Nigeria	9.60	8.73	Diurnal	Saxicolous	Gekkonidae	Gekkota	0.85	107	Jean-François Tarpe	DD	unknown	extant
Cnemaspis girii	description	2014	2013	recent	Mirza et al. 2014	Oriental	India	17.72	73.82	NA	NA	Gekkonidae	Gekkota	-0.03	277	Mirza et al. 2014	NA	NE	extant
Cnemaspis grismeri	description	2013	2012	recent	Wood et al. 2013	Oriental	Peninsular Malaysia	5.13	100.98	Diurnal	Saxicolous	Gekkonidae	Gekkota	0.46	258	Wood et al. 2013	NA	NE	extant
Cnemaspis hangus	description	2014	2008	recent	Grismer et al. 2014b	Oriental	Peninsular Malaysia	4.27	102.22	Diurnal	Saxicolous	Gekkonidae	Gekkota	0.46	757	Grismer et al. 2014b	NA	NE	extant
Cnemaspis harimau	description	2010	2010	recent	Chan et al. 2010	Oriental	Peninsular Malaysia	5.82	100.40	Nocturnal	Saxicolous&Terrestrial	Gekkonidae	Gekkota	0.20	106	Onn et al. 2010	NA	NE	extant
Cnemaspis jacobsoni	description	2005	1913	early	Das 2005	Oriental	Simeulue Island	2.58	96.08	NA	NA	Gekkonidae	Gekkota	-0.14	802	Das 2005	DD	unknown	extant
Cnemaspis kandambyi	description	2017	presumably 2010s	recent	Batuwita and Udugampala 2017	Oriental	Sri Lanka	7.43	80.83	Diurnal	Arboreal	Gekkonidae	Gekkota	-0.45	257	Batuwita and Udugampala 2017	NA	NE	extant
Cnemaspis karsticola	description	2008	2008	recent	Grismer et al. 2008	Oriental	Peninsular Malaysia	5.72	101.75	Diurnal	Saxicolous	Gekkonidae	Gekkota	0.40	457	Grismer et al. 2008	NA	NE	extant
Cnemaspis laoensis	specimen	2010	1998	recent	Grismer 2010	Oriental	Laos	16.69	106.24	Diurnal	Saxicolous	Gekkonidae	Gekkota	0.21	246	Grismer 2010	NA	NE	extant
Cnemaspis latha	specimen	2007	2006	recent	Manamendra-Arachchi et al. 2007	Oriental	Sri Lanka	6.77	81.11	NA	NA	Gekkonidae	Gekkota	-0.15	289	Manamendra-Arachchi et al. 2007	NA	NE	extant
Cnemaspis leucura	description	2017	2016	recent	Kurita et al. 2017	Oriental	Borneo: Sarawak	1.11	110.25	Nocturnal	NA	Gekkonidae	Gekkota	0.72	260	Kurita et al. 2017	NA	NE	extant
Cnemaspis lineogularis	description	2017	2016	recent	Wood et al. 2017	Oriental	Thailand	12.13	99.96	Diurnal	Saxicolous	Gekkonidae	Gekkota	0.12	226	Wood et al. 2017	NA	NE	extant
Cnemaspis mahsuriae	description	2015	2014	recent	Grismer et al. 2015	Oriental	Langkawi Island	6.38	99.81	Nocturnal	Arboreal&Terrestrial	Gekkonidae	Gekkota	0.07	262	Grismer et al. 2015c	NA	NE	extant
Cnemaspis menikay	description	2007	2006	recent	Manamendra-Arachchi et al. 2007	Oriental	Sri Lanka	7.23	80.38	NA	Arboreal	Gekkonidae	Gekkota	-0.25	205	Manamendra-Arachchi et al. 2007	NA	NE	extant
Cnemaspis minang	description	2017	2007	recent	Iskandar et al. 2017	Oriental	Sumatra	-0.98	100.48	NA	Arboreal	Gekkonidae	Gekkota	-0.11	113	Iskandar et al. 2017	NA	NE	extant
Cnemaspis modiglianii	locality	2005	2003	recent	Iskandar et al. 2017	Oriental	Enggano	-5.37	102.27	NA	Arboreal	Gekkonidae	Gekkota	-0.02	459	Das 2005	NA	NE	extant
Cnemaspis monachorum	description	2009	2008	recent	Grismer et al. 2009	Oriental	Langkawi Island	6.34	99.88	Diurnal	Saxicolous	Gekkonidae	Gekkota	0.02	242	Grismer et al. 2009	NA	NE	extant
Cnemaspis monticola	description	2007	19th century	early	Manamendra-Arachchi et al. 2007	Oriental	India	11.63	75.99	NA	NA	Gekkonidae	Gekkota	-0.05	180	Srinivasulu et al. 2014b	DD	unknown	extant
Cnemaspis nilagirica	specimen	2007	19th century	early	Manamendra-Arachchi et al. 2007	Oriental	India	11.44	76.51	NA	NA	Gekkonidae	Gekkota	0.25	165	Srinivasulu et al. 2014b	DD	unknown	extant
Cnemaspis nuicamensis	description	2007	2005	recent	Grismer and Ngo 2007	Oriental	Vietnam	10.50	105.01	Diurnal	Saxicolous	Gekkonidae	Gekkota	0.40	99	Grismer and Ngo 2007	NA	NE	extant
Cnemaspis pagai	specimen	2017	2009	recent	Iskandar et al. 2017	Oriental	Pagai Island	-3.08	100.29	NA	NA	Gekkonidae	Gekkota	-0.09	628	Iskandar et al. 2017	NA	NE	extant
Cnemaspis pava	description	2007	2005	recent	Manamendra-Arachchi et al. 2007	Oriental	Sri Lanka	7.08	80.49	Diurnal	Saxicolous	Gekkonidae	Gekkota	-0.01	318	Manamendra-Arachchi et al. 2007	NA	NE	extant
Cnemaspis pemanggilensis	description	2006	2002	recent	Grismer and Das 2006	Oriental	Pemanggil Island	2.58	104.33	Cathemeral	Saxicolous	Gekkonidae	Gekkota	0.95	260	Grismer and Das 2006	NA	NE	extant
Cnemaspis petrodroma	description	1986	2011	recent	Jean-François Trape	Afrotropic	Nigeria	7.11	5.10	Diurnal	Saxicolous	Gekkonidae	Gekkota	0.74	46	IUCN	DD	unknown	extant
Cnemaspis phangngaensis	description	2017	2016	recent	Wood et al. 2017	Oriental	Thailand	8.44	98.51	Diurnal	Saxicolous	Gekkonidae	Gekkota	0.24	294	Wood et al. 2017	NA	NE	extant
Cnemaspis phillipsi	description	2007	2007	recent	Manamendra-Arachchi et al. 2007	Oriental	Sri Lanka	7.54	80.73	Diurnal	Arboreal	Gekkonidae	Gekkota	0.07	200	Manamendra-Arachchi et al. 2007	NA	NE	extant
Cnemaspis punctata	description	2007	2007	recent	Manamendra-Arachchi et al. 2007	Oriental	Sri Lanka	7.55	80.73	Diurnal	Arboreal&Saxicolous	Gekkonidae	Gekkota	0.09	200	Manamendra-Arachchi et al. 2007	NA	NE	extant
Cnemaspis punctatonuchalis	description	2010	2016	recent	Wood et al. 2017	Oriental	Thailand	11.63	99.61	Nocturnal	Saxicolous	Gekkonidae	Gekkota	0.44	262	Grismer et al. 2010	NA	NE	extant
Cnemaspis rajabasa	description	2015	1996	recent	Amarasinghe et al. 2015	Oriental	Sumatra	-5.81	105.63	Nocturnal	Saxicolous	Gekkonidae	Gekkota	0.64	234	Amarasinghe et al. 2015a	NA	NE	extant
Cnemaspis rajakarunai	description	2016	2012	recent	Wickramasinghe et al. 2016	Oriental	Sri Lanka	7.12	80.25	NA	Saxicolous	Gekkonidae	Gekkota	0.18	262	Wickramasinghe et al. 2016	NA	NE	extant
Cnemaspis rammalensis	description	2014	2011	recent	Vidanapathirana et al. 2014	Oriental	Sri Lanka	6.14	80.38	Diurnal	Saxicolous	Gekkonidae	Gekkota	0.54	147	Vidanapathirana et al. 2014	NA	NE	extant
Cnemaspis retigalensis	description	2007	2006	recent	Wickramasinghe and Munindradasa 2007	Oriental	Sri Lanka	8.11	80.66	Diurnal	Arboreal&Saxicolous&Terrestrial	Gekkonidae	Gekkota	-0.13	102	Wickramasinghe and Munindradasa 20	NA	NE	extant
Cnemaspis roticanai	description	2010	2009	recent	Grismer and Onn 2010	Oriental	Langkawi Island	6.37	99.82	Cathemeral	Arboreal	Gekkonidae	Gekkota	0.37	262	Grismer and Onn 2010	NA	NE	extant
Cnemaspis selamatkanmerapoh	description	2013	2013	recent	Grismer et al. 2013	Oriental	Peninsular Malaysia	4.70	101.98	Cathemeral	Saxicolous	Gekkonidae	Gekkota	0.28	480	Grismer et al. 2013	NA	NE	extant
Cnemaspis stongensis	description	2014	2013	recent	Grismer et al. 2014b	Oriental	Peninsular Malaysia	5.34	101.97	Nocturnal	Saxicolous	Gekkonidae	Gekkota	0.43	342	Grismer et al. 2014b	NA	NE	extant
Cnemaspis sundagekko	description	2014	1925	early	Grismer et al. 2014b	Oriental	Siantan Island	3.15	106.23	NA	Saxicolous	Gekkonidae	Gekkota	0.82	641	Grismer et al. 2014b	NA	NE	extant
Cnemaspis sundainsula	description	2014	2013	recent	Grismer et al. 2014b	Oriental	Bunguran Island	3.97	108.33	Diurnal	Saxicolous	Gekkonidae	Gekkota	1.08	929	Grismer et al. 2014b	NA	NE	extant
Cnemaspis tapanuli	description	2017	1975	recent	Iskandar et al. 2017	Oriental	Sumatra	3.52	98.13	Diurnal	Arboreal&Terrestrial	Gekkonidae	Gekkota	-0.08	337	Iskandar et al. 2017	NA	NE	extant

Cnemaspis temiah	description	2014	2010	recent	Grismer et al. 2014b	Oriental	Peninsular Malaysia	4.47	101.38	Diurnal	Arboreal	Gekkonidae	Gekkota	0.14	682	Grismer et al. 2014b	NA	NE	extant	
Cnemaspis thachanaensis	description	2017	2016	recent	Wood et al. 2017	Oriental	Thailand	9.55	99.18	Diurnal	Saxicolous	Gekkonidae	Gekkota	0.15	114	Wood et al. 2017	NA	NE	extant	
Cnemaspis timoriensis	specimen	1836	1836 or earlier	early	Rosler et al. 2017	NA	NA	NA	NA	NA	NA	Gekkonidae	Gekkota	0.02	NA	Rosler et al. 2017	NA	NE	extant	
Cnemaspis tucdupensis	description	2007	2005	recent	Grismer and Ngo 2007	Oriental	Vietnam	10.38	104.96	Cathemeral	Saxicolous	Gekkonidae	Gekkota	0.47	341	Grismer and Ngo 2007	NA	NE	extant	
Cnemidophorus duellmani	description	2013	1964	early	McCranie and Hedges 2013	Neotropic	Panama	8.13	-77.72	Diurnal	Terrestrial	Teiidae	Lacertoidea	1.36	410	McCranie and Hedges 2013	NA	NE	extant	
Cnemidophorus martyris	locality (Small island)	1891	2012	recent	http://calphotos.berkeley.edu/cgi/img_query?enl	Nearctic	San Pedro Martir Island	28.37	-112.33	Diurnal	Terrestrial	Teiidae	Lacertoidea	1.15	NA	The Reptile Database	NA	NE	extant	
Coleonyx gypsicolus	description	1988	1981	recent	vertnet	Nearctic	Isla San Marcos	27.22	-112.07	Nocturnal	Saxicolous	Eublepharidae	Gekkota	1.14	311	NatureServe, IUCN	LC	stable	extant	
Complicitus nigrigularis	locality	1991	2004	recent	Das and Lakim 2008	Oriental	Borneo: Sarawak	6.13	116.50	Diurnal	Arboreal	Agamidae	Acrodontia	1.15	1130	Das and Lakim 2008	NA	NE	extant	
Conolophus marthae	description	2009	2014	recent	Gentile et al. 2016	Neotropic	Galapagos (Isabela)	0.04	-91.36	Diurnal	Terrestrial	Iguanidae	Pleurodonta	3.64	NA	Gentile and Snell 2009	CR	unknown	extant	
Conolophus pallidus	locality (Small island)	1903	21st century	recent	Wikipedia	Neotropic	Galapagos (Santa Fe)	-0.82	-90.06	Diurnal	Terrestrial	Iguanidae	Pleurodonta	3.72	1731	Swash and Still 2005	VU	NA	extant	
Copeoglossum margaritae	description	2012	1967	early	Hedges and Conn 2012	Neotropic	Isla de Margarita	11.03	-63.87	Diurnal	Arboreal&Terrestrial	Scincidae	Scincoidea	1.60	13	Hedges and Conn 2012	DD	unknown	extant	
Copeoglossum redondae	specimen	2012	1863-1873	early	Hedges and Conn 2012	Neotropic	Redonda Island	16.94	-62.35	NA	NA	Scincidae	Scincoidea	1.33	NA	Hedges and Conn 2012	NA	NE	extinct	
Cordylus cloetei	description	1994	1993	recent	Mouton and Van Wyk 1994	Afrotropic	South Africa	-32.16	21.72	NA	Saxicolous	Cordylidae	Scincoidea	0.86	219	Mouton and Van Wyk 1994	NA	NE	extant	
Cordylus imkeae	locality	1994	21st century	recent	Mouton and Van Wyk 1994, Loehr 2010	Afrotropic	South Africa	-30.41	18.10	NA	Saxicolous	Cordylidae	Scincoidea	0.83	565	Mouton and Van Wyk 1994	NA	NE	extant	
Cordylus marunguensis	description	2012	2010	recent	Greenbaum et al. 2012	Afrotropic	Democratic Republic of the Co	-7.72	29.76	NA	Saxicolous	Cordylidae	Scincoidea	1.33	333	Greenbaum et al. 2012a; Stanley et al. 2	NA	NE	extant	
Cordylus meculae	description	2005	2003	recent	Branch et al. 2005	Afrotropic	Mozambique	-12.05	37.64	Diurnal	Saxicolous	Cordylidae	Scincoidea	1.33	336	Branch et al. 2005	EN	unknown	extant	
Correlophus belepensis	locality	2012	2002	recent	Bauer et al. 2012	Oceania	New Caledonia, Île Art, in the	-19.73	163.67	Nocturnal	Arboreal	Diplodactylidae	Gekkota	1.31	536	Bauer et al. 2012	NA	NE	extant	
Cryptoblepharus ahli	description	1928	1848	early	Horner 2007	Afrotropic	Ilha de Moçambique	-15.04	40.74	NA	NA	Scincidae	Scincoidea	0.38	77	Horner 2007	NA	NE	extant	
Cryptoblepharus bitaeniatus	locality (Small island)	1913	2014	recent	Sanchez and Probst 2015	Afrotropic	Europa Island (Strait of Mozan	-22.35	40.35	Diurnal	Arboreal&Terrestrial	Scincidae	Scincoidea	0.21	667	Sanchez and Probst 2015	NA	NE	extant	
Cryptoblepharus caudatus	locality (Small island)	1918	2015	recent	Sanchez-Pacheco et al. 2015	Afrotropic	Juan de Nova Island	-17.06	42.74	NA	NA	Scincidae	Scincoidea	0.32	616	The Reptile Database	NA	NE	extant	
Cryptoblepharus wulbu	description	2007	2000	recent	Horner 2007	Australia	Australia	-12.05	132.89	Diurnal	Saxicolous	Scincidae	Scincoidea	0.01	508	Horner 2007a	NA	NE	extant	
Ctenosaura bakeri	locality (Small island)	1901	2003	recent	Gutsche and Streich 2009	Neotropic	Isla de Utila	16.09	-86.94	Diurnal	Arboreal	Iguanidae	Pleurodonta	3.13	120	Kohler 2008	CR	decreasing	extant	
Ctenosaura nolascensis	locality (Small island)	1972	2001	recent	Grismer 2002	Nearctic	San Pedro Nolasco Island	27.97	-112.23	Diurnal	Arboreal&Saxicolous&Terrestrial	Iguanidae	Pleurodonta	3.00	NA	vertnet	VU	stable	extant	
Ctenotus aphrodite	specimen	1990	1983	recent	Ingram and Czechura 1990	Australia	Australia	-23.77	141.13	NA	Terrestrial	Scincidae	Scincoidea	0.87	867	Ingram and Czechura 1990	NA	NE	extant	
Ctenotus zastictus	locality	1984	1986	recent	Atlas of living Australia	Australia	Australia	-26.50	114.24	NA	NA	Scincidae	Scincoidea	0.62	637	Atlas of Living Australia, WAM	VU	NA	extant	
Cynisca degrysi	specimen	1941	1888	early	Loveridge 1941	Afrotropic	Sierra Leone	NA	NA	NA	Fossorial	Amphisbaenidae	Amphisbaenia	-0.52	NA	not mapped	DD	unknown	extant	
Cynisca haugi	specimen	1904	1901	early	Gans 1987	Afrotropic	Gabon	-1.11	10.03	NA	Fossorial	Amphisbaenidae	Amphisbaenia	-0.26	875	Gans 1987, Pauwels and Vande Weghe	NA	NE	extant	date inferred from specimen number
Cynisca ivoirensis	description	2014	2012	recent	Trape and Mane 2014	Afrotropic	Ivory Coast	7.06	-6.47	NA	Fossorial	Amphisbaenidae	Amphisbaenia	-0.12	108	Trape and Mane 2014, Mane and Trape	NA	NE	extant	
Cynisca kigomensis	description	1968	1967	early	Dunger 1968	Afrotropic	Nigeria	9.79	8.54	NA	Fossorial	Amphisbaenidae	Amphisbaenia	0.29	153	Gans 1987	CR	unknown	extant	
Cynisca nigeriensis	description	1968	1966	early	Dunger 1968	Afrotropic	Nigeria	8.87	7.45	NA	Fossorial	Amphisbaenidae	Amphisbaenia	0.32	197	Gans 1987	VU	unknown	extant	
Cynisca schaeferi	specimen	1912	before 1912	early	Gans 1987	Afrotropic	Cameroon	3.98	9.96	NA	Fossorial	Amphisbaenidae	Amphisbaenia	0.55	312	Chirio and LeBreton 2007	DD	unknown	extant	Note Gans 1987 is unclear whether it is only known from the holotype as he provides two SMF numbers
Cynisca williamsi	specimen	1987	1963	early	Gans 1987	Afrotropic	Ghana	7.73	-2.10	NA	Fossorial	Amphisbaenidae	Amphisbaenia	0.20	124	Gans 1987	DD	unknown	extant	
Cyrtodactylus adorus	locality	2011	2010	recent	Shea et al. 2011, Atlas of Living Australia	Australia	Australia	-12.49	143.25	NA	Saxicolous	Gekkonidae	Gekkota	1.53	613	Atlas of Living Australia, QM	NA	NE	extant	
Cyrtodactylus aequalis	locality	2003	2008	recent	vertnet	Oriental	Burma	17.43	97.09	Nocturnal	NA	Gekkonidae	Gekkota	1.15	419	Bauer 2003	NA	NE	extant	
Cyrtodactylus agamensis	specimen	1860	1860 or earlier	early	inferred from date of description	Oriental	Sumatra	-0.22	100.17	Nocturnal	NA	Gekkonidae	Gekkota	0.44	104	Rosler et al. 2007	NA	NE	extant	
Cyrtodactylus arcanus	description	2012	1987	recent	Oliver et al. 2012	Oceania	Papua New Guinea	-5.78	145.27	NA	NA	Gekkonidae	Gekkota	1.18	1264	Oliver et al. 2012	DD	unknown	extant	
Cyrtodactylus aurensis	description	2005	2004	recent	Grismer 2005	Oriental	Aor Island	2.46	104.51	Nocturnal	Arboreal&Saxicolous	Gekkonidae	Gekkota	1.27	286	Grismer 2005	NA	NE	extant	
Cyrtodactylus auribalteatus	description	2010	2008	recent	Sumontha et al. 2010	Oriental	Thailand	16.68	100.69	Nocturnal	Saxicolous	Gekkonidae	Gekkota	1.26	606	Sumontha et al. 2010	NA	NE	extant	
Cyrtodactylus badenensis	description	2006	2005	recent	Sang et al. 2006	Oriental	Vietnam	11.38	106.17	Nocturnal	Saxicolous	Gekkonidae	Gekkota	0.92	129	Bobrov and Semenov 2008, Sang et al.	NA	NE	extant	
Cyrtodactylus bansocensis	description	2016	2015	recent	Luu et al. 2016	Oriental	Laos	17.45	105.59	Nocturnal	Saxicolous	Gekkonidae	Gekkota	0.92	289	Luu et al. 2016c	NA	NE	extant	
Cyrtodactylus batik	description	2011	2009	recent	Iskandar et al. 2011	Oceania	Sulawesi	-0.67	123.11	NA	Arboreal	Gekkonidae	Gekkota	1.44	628	Iskandar et al. 2011	NA	NE	extant	
Cyrtodactylus batucolus	description	2008	2008	recent	Grismer et al. 2008	Oriental	Besar Island	2.11	102.33	Nocturnal	Saxicolous	Gekkonidae	Gekkota	0.94	41	Grismer et al. 2008	NA	NE	extant	
Cyrtodactylus bichnganae	description	2010	2009	recent	Ngo and Grismer 2010	Oriental	Vietnam	21.35	103.90	Nocturnal	Saxicolous	Gekkonidae	Gekkota	1.28	289	Ngo and Grismer 2010	NA	NE	extant	
Cyrtodactylus bobrovi	description	2015	2014	recent	Nguyen et al. 2015	Oriental	Vietnam	20.43	105.34	Nocturnal	Arboreal&Saxicolous	Gekkonidae	Gekkota	1.24	183	Nguyen et al. 2015	NA	NE	extant	
Cyrtodactylus buchardi	locality	2004	2008	recent	Tenyie and David 2010	Oriental	Laos	14.77	106.03	Nocturnal	Arboreal&Terrestrial	Gekkonidae	Gekkota	0.76	196	Teynie and David 2010	NA	NE	extant	
Cyrtodactylus calamei	description	2016	2015	recent	Luu et al. 2016	Oriental	Laos	17.57	105.84	Nocturnal	Saxicolous	Gekkonidae	Gekkota	1.14	864	Luu et al. 2016a	NA	NE	extant	
Cyrtodactylus caovansungi	locality	2007	2002	recent	Orlov et al. 2007	Oriental	Vietnam	11.71	109.12	Nocturnal	Arboreal	Gekkonidae	Gekkota	1.21	67	Orlov et al. 2007	NA	NE	extant	
Cyrtodactylus chanhomeae	locality	2003	2007	recent	Konlek and Lauhachinda 2008	Oriental	Thailand	14.70	100.85	Nocturnal	Saxicolous	Gekkonidae	Gekkota	0.99	112	Bauer et al. 2003	NA	NE	extant	
Cyrtodactylus chauquangensis	description	2007	2007	recent	Quang et al. 2007	Oriental	Vietnam	19.35	105.20	Nocturnal	Saxicolous	Gekkonidae	Gekkota	1.27	273	Bobrov and Semenov 2008	NA	NE	extant	
Cyrtodactylus chrysopylos	specimen	2003	2002	recent	Bauer 2003	Oriental	Burma	21.13	96.34	Nocturnal	NA	Gekkonidae	Gekkota	1.00	399	Bauer 2003	DD	unknown	extant	
Cyrtodactylus cucdongensis	description	2014	2011	recent	Schneider et al. 2014a	Oriental	Vietnam	12.92	109.37	Nocturnal	Saxicolous	Gekkonidae	Gekkota	0.78	81	Schneider et al. 2014a	NA	NE	extant	
Cyrtodactylus cucphuongensis	description	2011	2008	recent	Ngo and Chan 2011	Oriental	Vietnam	20.24	105.62	Nocturnal	NA	Gekkonidae	Gekkota	1.23	300	Ngo and Chan 2011	NA	NE	extant	
Cyrtodactylus darevskii	description	2014	2009	recent	Nazarov et al. 2014	Oriental	Laos	17.58	105.74	Nocturnal	Saxicolous	Gekkonidae	Gekkota	1.28	243	Nazarov et al. 2014	NA	NE	extant	
Cyrtodactylus dati	description	2013	2011	recent	Ngo 2013	Oriental	Vietnam	12.02	106.90	Nocturnal	Arboreal	Gekkonidae	Gekkota	0.85	372	Ngo 2013	NA	NE	extant	
Cyrtodactylus derongo	description	1973	1969	recent	Brown and Parker 1973	Oceania	Papua New Guinea	-5.41	141.11	NA	NA	Gekkonidae	Gekkota	1.50	5087	Allen Allison and Paul Oliver pers. con	NA	NE	extant	
Cyrtodactylus doisuthep	description	2014	2008	recent	Kunya et al. 2014	Oriental	Thailand	18.80	98.93	Nocturnal	Arboreal&Saxicolous	Gekkonidae	Gekkota	1.16	8	Kunya et al. 2014	NA	NE	extant	
Cyrtodactylus durio	specimen	2010	2010	recent	Grismer et al. 2010	Oriental	Peninsular Malaysia	5.41	100.78	Nocturnal	Arboreal	Gekkonidae	Gekkota	1.28	469	Grismer et al. 2010	NA	NE	extant	
Cyrtodactylus edwardtaylori	description	2005	1999	recent	Batuwita and Bahir 2005	Oriental	Sri Lanka	6.87	81.12	Nocturnal	Arboreal	Gekkonidae	Gekkota	1.22	409	Batuwita and Bahir 2005	NA	NE	extant	
Cyrtodactylus eisenmanae	description	2008	2006	recent	Ngo 2008	Oriental	Vietnam: Hon Son Island,	9.80	104.62	Nocturnal	Saxicolous	Gekkonidae	Gekkota	1.14	218	Ngo 2008	NA	NE	extant	
Cyrtodactylus erythrops	description	2009	2005	recent	Bauer et al. 2009	Oriental	Thailand	19.61	98.18	Cathemeral	Saxicolous	Gekkonidae	Gekkota	1.01	526	Bauer et al. 2009	NA	NE	extant	
Cyrtodactylus gordongekkoi	description	1993	1992	recent	Das 1993	Oceania	Lombok Island	-8.75	116.50	NA	Saxicolous	Gekkonidae	Gekkota	0.90	388	Das and Leong 2004	DD	unknown	extant	
Cyrtodactylus grismeri	description	2008	2005	recent	Ngo 2008	Oriental	Vietnam	10.38	104.96	Nocturnal	Saxicolous	Gekkonidae	Gekkota	1.22	341	Ngo 2008	NA	NE	extant	
Cyrtodactylus guakanthanensis	description	2014	2013	recent	Grismer et al. 2014c	Oriental	Peninsular Malaysia	4.76	101.12	Nocturnal	Arboreal&Saxicolous	Gekkonidae	Gekkota	1.04	66	Grismer et al. 2014c	NA	NE	extant	
Cyrtodactylus gunungsenyumensis	description	2016	2015	recent	Grismer et al. 2016	Oriental	Peninsular Malaysia	3.69	102.43	Nocturnal	Saxicolous	Gekkonidae	Gekkota	0.93	373	Grismer et al. 2016c	NA	NE	extant	
Cyrtodactylus hidupselamanya	description	2016	2015	recent	Grismer et al. 2016	Oriental	Peninsular Malaysia	5.06	102.14	Nocturnal	Saxicolous	Gekkonidae	Gekkota	1.31	349	Grismer et al. 2016d	VU	stable	extant	
Cyrtodactylus hitchi	description	2016	2010	recent	Riyanto et al. 2016	Oceania	Sulawesi	-3.65	121.17	NA	Arboreal	Gekkonidae	Gekkota	1.00	1127	Mecke et al. 2016	NA	NE	extant	
Cyrtodactylus hontreensis	description	2008	2006	recent	Ngo et al. 2008	Oriental	Vietnam: Hon Tre Island	9.97	104.84	Nocturnal	Saxicolous	Gekkonidae	Gekkota	1.14	NA	Ngo et al. 2008	NA	NE	extant	
Cyrtodactylus huongsonensis	description	2011	2011	recent	Luu et al. 2011	Oriental	Vietnam	25.58	105.75	Nocturnal	Saxicolous	Gekkonidae	Gekkota	1.15	266	Luu et al. 2011	NA	NE	extant	
Cyrtodactylus huynhi	description	2008	2006	recent	Ngo and Bauer 2008	Oriental	Vietnam	10.97	107.40	Nocturnal	NA	Gekkonidae	Gekkota	1.01	119	Ngo and Bauer 2008	NA	NE	extant	
Cyrtodactylus inthanon	description	2015	2014	recent	Kunya et al. 2015	Oriental	Thailand	18.59	98.49	Nocturnal	Arboreal&Saxicolous	Gekkonidae	Gekkota	1.12	340	Kunya et al. 2015	NA	NE	extant	
Cyrtodactylus irianjayaensis	locality	2001	2005	recent	Oliver et al. 2007	Oceania	Salawati Island	-0.96	130.78	NA	NA	Gekkonidae	Gekkota	1.93	475	Oliver et al. 2007	DD	unknown	extant	
Cyrtodactylus jaegeri	description	2014	2012	recent	Luu et al. 2014a	Oriental	Laos	17.45	104.94	Nocturnal	Saxicolous	Gekkonidae	Gekkota	0.83	250	Luu et al. 2014a	NA	NE	extant	
Cyrtodactylus jarakensis	description	2008	2007	recent	Grismer et al. 2008	Oriental	Jarak Island	3.98	100.10	Nocturnal	Arboreal&Saxicolous	Gekkonidae	Gekkota	0.80	NA	Grismer et al. 2008	NA	NE	extant	
Cyrtodactylus jelawangensis	description	2014	2013	recent	Grismer et al. 2014d	Oriental	Peninsular Malaysia	5.34	101.97	Nocturnal	Arboreal&Saxicolous	Gekkonidae	Gekkota	1.50	342	Grismer et al. 2014d	NA	NE	extant	
Cyrtodactylus khammouanensis	description	2014	2009	recent	Nazarov et al. 2014	Oriental	Laos	17.58	105.74	Nocturnal	Saxicolous	Gekkonidae	Gekkota	0.90	243	Nazarov et al. 2014	NA	NE	extant	
Cyrtodactylus khelangensis	description	2014	2008	recent	Pauwels et al. 2014a	Oriental	Thailand	18.30	99.49	Nocturnal	Saxicolous	Gekkonidae	Gekkota	1.22	14	Pauwels et al. 2014a	NA	NE	extant	
Cyrtodactylus kimberleyensis	specimen	2012	2007	recent	Bauer and Doughty 2012	Australia	Australia	-14.27	125.30	NA	NA	Gekkonidae	Gekkota	0.33	948	Bauer and Doughty 2012	NA	NE	extant	
Cyrtodactylus kingsadai	description	2013	2013	recent	Ziegler et al. 2013	Oriental	Vietnam	12.92	109.40	Nocturnal	NA	Gekkonidae	Gekkota	1.21	81	Ziegler et al. 2013	NA	NE	extant	
Cyrtodactylus klakahensis	description	2016	2015	recent	Grismer et al. 2016	Oriental	Java	-8.00	113.25	Nocturnal	NA	Gekkonidae	Gekkota	0.82	64	Hartmann et al. 2016	NA	NE	extant	
Cyrtodactylus klugei	description	2008	2004	recent	Kraus 2008	Oceania	Sudest Island, Milne Bay Provi	-11.49	153.41	NA	NA	Gekkonidae	Gekkota	1.71	1227	Kraus 2008	LC	unknown	extant	
Cyrtodactylus kunyai	description	2014	2008	recent	Pauwels et al. 2014b	Oriental	Thailand	17.05	101.74	Nocturnal	Saxicolous	Gekkonidae	Gekkota	1.13	620	Pauwels et al. 2014b	NA	NE	extant	
Cyrtodactylus langkawiensis	description	2012	2009	recent	Grismer et al. 2012	Oriental	Langkawi Island	6.33	99.88	Nocturnal	Saxicolous	Gekkonidae	Gekkota	1.28	201	Grismer et al. 2012b	NA	NE	extant	
Cyrtodactylus leegrismeri	description	2010	2009	recent	Chan and Norhayati 2010	Oriental	Tenggol Island	4.81	103.68	Nocturnal	Arboreal&Saxicolous&Terrestrial	Gekkonidae	Gekkota	1.18	90	Onn and Ahmad 2010	NA	NE	extant	
Cyrtodactylus lenggongensis	description	2016	2011	recent	Grismer et al. 2016	Oriental	Peninsular Malaysia	5.11	100.97	Nocturnal	Saxicolous	Gekkonidae	Gekkota	1.32	258	Grismer et al. 2016d	NA	NE	extant	
Cyrtodactylus lenya	description	2017	2016	recent	Connette et al. 2017	Oriental	Burma	11.60	99.33	NA	Saxicolous	Gekkonidae	Gekkota	0.92	1244	Connette et al. 2017	NA	NE	extant	
Cyrtodactylus martini	description	2011	2009	recent	Ngo 2011	Oriental	Vietnam	22.38	103.40	Nocturnal	Saxicolous	Gekkonidae	Gekkota	1.23	396	Ngo 2011	NA	NE	extant	
Cyrtodactylus metropolis	description	2014	2013	recent	Grismer et al. 2014e	Oriental	Peninsular Malaysia	3.23	101.68	Nocturnal	Arboreal&Saxicolous	Gekkonidae	Gekkota	1.04	8	Grismer et al. 2014e	NA	NE	extant	
Cyrtodactylus minor	description	2012	2003	recent	Oliver and Richards 2012	Oceania	Papua New Guinea	-5.86	146.73	Nocturnal	Arboreal	Gekkonidae	Gekkota	0.89	973	Oliver and Richards 2012	DD	unknown	extant	
Cyrtodactylus multiporus	description	2014	2009	recent	Nazarov et al. 2014	Oriental	Laos	17.54	105.70	Nocturnal	NA	Gekkonidae	Gekkota	1.26	243	Nazarov et al. 2014	NA	NE	extant	
Cyrtodactylus nepalensis	description	1998	1994	recent	Schleich and Kastle 2002	Oriental	Nepal	29.31	80.72	Nocturnal	Saxicolous&Terrestrial	Gekkonidae	Gekkota	0.90	415	Schleich and Kastle 1998	NA	NE	extant	
Cyrtodactylus nigriocularis	description	2006	2005	recent	Sang et al. 2006	Oriental	Vietnam	11.40	106.19	Nocturnal	Saxicolous	Gekkonidae	Gekkota	1.37	129	Bobrov and Semenov 2008	NA	NE	extant	
Cyrtodactylus otai	description	2015	2014	recent	Nguyen et al. 2015	Oriental	Vietnam	20.73	104.90	Nocturnal	Saxicolous	Gekkonidae	Gekkota	1.16	342	Nguyen et al. 2015	NA	NE	extant	
Cyrtodactylus pageli	locality	2011	2010	recent	Schneider et al. 2011, Teynie and David 2014 (c	Oriental	Laos	18.92	102.40	Nocturnal	Saxicolous	Gekkonidae	Gekkota	1.14	280	Schneider et al. 2011	NA	NE	extant	
Cyrtodactylus payarhtanensis	description	2017	2016	recent	Connette et al. 2017	Oriental	Burma	11.12	99.07	NA	Saxicolous	Gekkonidae	Gekkota	1.06	1094	Connette et al. 2017	NA	NE	extant	
Cyrtodactylus phuketensis	description	2012	2008	recent	Sumontha et al. 2012	Oriental	Phuket Island	8.05	98.38	Nocturnal	Arboreal	Gekkonidae	Gekkota	1.44	101	Pauwels et al. 2015, Sumontha et al. 20	NA	NE	extant	
Cyrtodactylus phuocbinhensis	description	2013	2011	recent	Nguyen et al. 2013	Oriental	Vietnam	12.07	108.75	Nocturnal	NA	Gekkonidae	Gekkota	0.68	660	Nguyen et al. 2013	NA	NE	extant	
Cyrtodactylus phuquocensis	description	2010	2007	recent	Ngo et al. 2010	Oriental	Vietnam: Phu Quoc Island	10.29	104.04	Nocturnal	Saxicolous	Gekkonidae	Gekkota	1.10	463	Ngo et al. 2010	NA	NE	extant	
Cyrtodactylus puhuensis	specimen	2014	2011	recent	Nguyen et al. 2014	Oriental	Vietnam	20.55	104.88	Nocturnal	Arboreal	Gekkonidae	Gekkota	1.00	290	Nguyen et al. 2014	NA	NE	extant	
Cyrtodactylus ramboda	description	2005	2004	recent	Batuwita and Bahir 2005	Oriental	Sri Lanka	7.04	80.69	Nocturnal	Arboreal&Terrestrial	Gekkonidae	Gekkota	1.27	204	Batuwita and Bahir 2005	NA	NE	extant	
Cyrtodactylus ranongensis	description	2015	2008	recent	Sumontha et al. 2015	Oriental	Thailand	9.35	98.43	Nocturnal	Arboreal	Gekkonidae	Gekkota	0.66	519	Sumontha et al. 2015	NA	NE	extant	
Cyrtodactylus rishivalleyensis	description	2016	2014	recent	Agarwal 2016	Oriental	India	13.65	78.40	Nocturnal	Terrestrial	Gekkonidae	Gekkota	0.51	156	Agarwal 2016	NA	NE	extant	
Cyrtodactylus robustus	description	2008	2004	recent	Kraus 2008	Oceania	Rossel Island	-11.34	154.22	Nocturnal	Arboreal	Gekkonidae	Gekkota	1.85	1297	Kraus 2008	LC	unknown	extant	
Cyrtodactylus rosichonariefi	description	2014	2014	recent	Riyanto et al. 2015	Oriental	Bunguran Island	3.67	108.16	Nocturnal	Arboreal&Terrestrial	Gekkonidae	Gekkota	0.55	681	Riyanto et al. 2015	NA	NE	extant	
Cyrtodactylus rufford	description	2016	2015	recent	Luu et al. 2016	Oriental	Laos	17.50	105.39	Nocturnal	Saxicolous	Gekkonidae	Gekkota	0.89	249	Luu et al. 2016b	NA	NE	extant	
Cyrtodactylus saiyok	description	2014	2012	recent	Panvitvong et al. 2014	Oriental	Thailand	14.20	99.02	Nocturnal	Arboreal	Gekkonidae	Gekkota	0.69	218	Panvitvong et al. 2014	NA	NE	extant	
Cyrtodactylus samroiyot	description	2014	2013	recent	Pauwels and Sumontha 2014	Oriental	Thailand	12.17	99.98	Nocturnal	Saxicolous	Gekkonidae	Gekkota	0.80	215	Pauwels and Sumontha 2014	NA	NE	extant	
Cyrtodactylus sanook	description	2013	2012	recent	Pauwels et al. 2013	Oriental	Thailand	10.51	99.23	Nocturnal	Arboreal&Saxicolous&Terrestrial	Gekkonidae	Gekkota	1.00	236	Pauwels et al. 2013	NA	NE	extant	
Cyrtodactylus semicinctus	description	2015	2014	recent	Harvey et al. 2015	Oriental	Sumatra	-1.74	101.26	Nocturnal	Arboreal&Terrestrial	Gekkonidae	Gekkota	1.14	984	Harvey et al. 2015	NA	NE	extant	
Cyrtodactylus sharkari	specimen	2014	2013	recent	Grismer et al. 2014d	Oriental	Peninsular Malaysia	4.70	101.98	Nocturnal	Saxicolous	Gekkonidae	Gekkota	1.28	480	Grismer et al. 2014d	NA	NE	extant	
Cyrtodactylus soba	locality	2005	2014	recent	http://www.natureswindow.dk/Cyrtodactylus_sc	Oriental	Sri Lanka	7.38	80.79	Nocturnal	Arboreal	Gekkonidae	Gekkota	1.35	103	Batuwita and Bahir 2005	NA	NE	extant	
Cyrtodactylus soni	description	2016	2015	recent	Le et al. 2016	Oriental	Vietnam	20.42	105.86	Nocturnal	Saxicolous	Gekkonidae	Gekkota	1.32	155	Le et al. 2016	NA	NE	extant	
Cyrtodactylus soudthichaki	description	2015	2015	recent	Luu et al. 2015a	Oriental	Laos	17.56	104.87	Nocturnal	Arboreal	Gekkonidae	Gekkota	0.85	280	Luu et al. 2015a	NA	NE	extant	

Cyrtodactylus spelaeus	description	2014	2011	recent	Nazarov et al. 2014	Oriental	Laos	18.16	104.51	Nocturnal	Saxicolous	Gekkonidae	Gekkota	1.17	344	Nazarov et al. 2014	NA	NE	extant	
Cyrtodactylus spinosus	description	2008	2004	recent	Linkem et al. 2008	Oceania	Sulawesi	-1.45	119.99	Nocturnal	Arboreal	Gekkonidae	Gekkota	1.06	243	Linkem et al. 2008	NA	NE	extant	
Cyrtodactylus stresemanni	specimen	2008	1910	early	Rosler and Glaw 2008, Harvey et al. 2016	Oriental	Peninsular Malaysia	NA	NA	NA	NA	Gekkonidae	Gekkota	1.22	NA	not mapped	NA	NE	extant	
Cyrtodactylus subsolanus	description	2005	2004	recent	Batuwita and Bahir 2005	Oriental	Sri Lanka	6.42	80.61	Nocturnal	Arboreal	Gekkonidae	Gekkota	1.33	250	Batuwita and Bahir 2005	NA	NE	extant	
Cyrtodactylus sumonthai	locality	2002	2011	recent	Panitvong et al. 2012	Oriental	Thailand	12.88	101.82	Nocturnal	Saxicolous	Gekkonidae	Gekkota	1.02	628	Bauer et al. 2009	DD	unknown	extant	
Cyrtodactylus sumuroi	description	2010	2007	recent	Welton et al. 2010	Oriental	Philippines: Samar	11.82	125.28	Nocturnal	Arboreal&Saxicolous	Gekkonidae	Gekkota	1.08	418	Welton et al. 2010	NA	NE	extant	
Cyrtodactylus surin	description	2011	2005	recent	Chan-Ard and Makchai 2011	Oriental	Surin Islands	9.46	97.89	Nocturnal	Arboreal	Gekkonidae	Gekkota	1.02	381	Chan-ard and Makchai 2011	NA	NE	extant	
Cyrtodactylus takouensis	description	2008	2006	recent	Ngo and Bauer 2008	Oriental	Vietnam	10.83	107.88	Nocturnal	Saxicolous	Gekkonidae	Gekkota	1.03	99	Ngo and Bauer 2008	NA	NE	extant	
Cyrtodactylus tamaiensis	specimen	1940	1939	early	Mahony 2009	Oriental	Burma	27.70	97.90	Nocturnal	Arboreal	Gekkonidae	Gekkota	1.15	678	Smith 1940	NA	NE	extant	
Cyrtodactylus tambora	description	2017	2015	recent	Riyanto et al. 2017	Oceania	Sumbawa Island	-8.11	118.01	Nocturnal	Arboreal&Terrestrial	Gekkonidae	Gekkota	0.38	535	Riyanto et al. 2017	NA	NE	extant	
Cyrtodactylus taynguyenensis	description	2013	1997	recent	Nguyen et al. 2013	Oriental	Vietnam	14.34	108.48	Nocturnal	Arboreal&Saxicolous	Gekkonidae	Gekkota	1.09	285	Nguyen et al. 2013	NA	NE	extant	
Cyrtodactylus tebuensis	locality	2013	2013	recent	Sumarli et al. 2015	Oriental	Peninsular Malaysia	5.60	102.61	Nocturnal	Arboreal	Gekkonidae	Gekkota	1.09	300	Grismer et al. 2013	NA	NE	extant	
Cyrtodactylus teyniei	locality	2011	2011	recent	Teynie and David 2014	Oriental	Laos	18.17	104.51	Diurnal	Saxicolous	Gekkonidae	Gekkota	1.15	412	David et al. 2011	NA	NE	extant	
Cyrtodactylus thirakhupti	description	2004	2003	recent	Pauwels et al. 2004	Oriental	Thailand	9.57	99.17	Nocturnal	Saxicolous	Gekkonidae	Gekkota	1.01	859	Chan-ard et al. 2015	NA	NE	extant	
Cyrtodactylus thochuensis	description	2012	2009	recent	Ngo and Grismer 2012	Oriental	Vietnam: Tho Chu Island	9.32	103.48	Nocturnal	Saxicolous	Gekkonidae	Gekkota	1.10	298	Ngo and Grismer 2012	NA	NE	extant	
Cyrtodactylus thuongae	description	2014	2013	recent	Phung et al. 2014	Oriental	Vietnam	11.36	106.17	Nocturnal	Saxicolous	Gekkonidae	Gekkota	0.98	129	Phung et al. 2014	NA	NE	extant	
Cyrtodactylus tigroides	description	2003	2002	recent	Bauer et al. 2003	Oriental	Thailand	14.12	99.13	Nocturnal	Saxicolous	Gekkonidae	Gekkota	1.09	558	Ellis and Pauwels 2012	NA	NE	extant	
Cyrtodactylus timur	description	2014	2013	recent	Grismer et al. 2014d	Oriental	Peninsular Malaysia	5.60	102.61	Nocturnal	Arboreal&Saxicolous	Gekkonidae	Gekkota	1.50	300	Grismer et al. 2014d	NA	NE	extant	
Cyrtodactylus trilatofasciatus	description	2012	2011	recent	Grismer et al. 2012	Oriental	Peninsular Malaysia	4.41	101.38	Nocturnal	Arboreal&Saxicolous	Gekkonidae	Gekkota	1.52	NA	Grismer et al. 2012b	NA	NE	extant	
Cyrtodactylus vilaphongi	description	2014	2013	recent	Schneider et al. 2014b	Oriental	Laos	19.81	102.10	Nocturnal	Arboreal&Saxicolous	Gekkonidae	Gekkota	1.10	55	Schneider et al. 2014b	NA	NE	extant	
Cyrtodactylus wangkulangkulae	specimen	2014	2009	recent	Sumontha et al. 2014	Oriental	Thailand	7.09	99.91	Nocturnal	Arboreal	Gekkonidae	Gekkota	0.92	483	Sumontha et al. 2014	NA	NE	extant	
Cyrtodactylus wetariensis	description	1927	1926	early	Dunn 1927	Oceania	Wetar Island	-7.58	126.50	NA	NA	Gekkonidae	Gekkota	0.85	1173	vertnet	DD	unknown	extant	
Cyrtodactylus yangbayensis	locality	2010	2013	recent	Ngo and Chan 2010	Oriental	Vietnam	12.13	108.94	Nocturnal	Saxicolous	Gekkonidae	Gekkota	1.18	374	Ngo and Chan 2010	NA	NE	extant	
Cyrtodactylus zhaoermii	description	2010	2008	recent	Shi and Zhao 2010	Palearctic	China	29.35	90.17	Nocturnal	Saxicolous	Gekkonidae	Gekkota	0.66	370	Shi and Zhao 2010	NA	NE	extant	
Cyrtodactylus ziegleri	locality	2008	2008	recent	Nazarov et al. 2012a	Oriental	Vietnam	12.42	108.34	Nocturnal	Arboreal	Gekkonidae	Gekkota	1.19	507	Nazarov et al. 2008	NA	NE	extant	
Cyrtopodion battalense	locality	1993	2012	recent	Bauer et al. 2013	Oriental	Pakistan	34.67	73.04	Nocturnal	Saxicolous	Gekkonidae	Gekkota	0.89	527	Bauer et al. 2013	NA	NE	extant	
Cyrtopodion belaense	description	2011	2003	recent	Nazarov et al. 2011	Palearctic	Pakistan	26.19	66.20	Nocturnal	NA	Gekkonidae	Gekkota	0.20	297	Nazarov et al. 2011	NA	NE	extant	
Cyrtopodion fortmunroi	description	1993	1990	recent	Khan 1993	Oriental	Pakistan	29.93	69.98	Nocturnal	Saxicolous	Gekkonidae	Gekkota	0.45	217	Khan 2001	LC	unknown	extant	
Cyrtopodion golubevi	description	2010	2005	recent	Nazarov et al. 2010	Palearctic	Iran	27.87	60.10	Nocturnal	Saxicolous	Gekkonidae	Gekkota	0.65	224	Nazarov et al. 2010	NA	NE	extant	
Cyrtopodion hormozganum	description	2012	2011	recent	Nazarov et al. 2012b	Palearctic	Iran	27.40	56.95	Nocturnal	Terrestrial	Gekkonidae	Gekkota	0.35	146	Nazarov et al. 2012b	NA	NE	extant	
Cyrtopodion persepolense	description	2010	2005	recent	Nazarov et al. 2010	Palearctic	Iran	29.93	52.88	Nocturnal	Saxicolous	Gekkonidae	Gekkota	0.47	22	Nazarov et al. 2010	NA	NE	extant	
Dalophia luluae	specimen	1942	1932	early	RMCA museum	Afrotropic	Democratic Republic of the Co	-9.67	22.87	NA	Fossorial	Amphisbaenidae	Amphisbaenia	1.03	396	Danny Meirte, RMCA	NA	NE	extant	
Darevskia sapphirina	locality	1994	2002	recent	Arakelyan et al. 2013	Palearctic	Turkey	39.16	43.06	Diurnal	Saxicolous	Lacertidae	Lacertoidea	0.68	121	Arakelyan et al. 2013	LC	unknown	extant	
Dasia johnsinghi	description	2012	2005	recent	Harikrishnan et al. 2012	Oriental	India	8.67	77.33	Diurnal	Arboreal	Scincidae	Scincoidea	1.20	265	Harikrishnan et al. 2012	NA	NE	extant	
Dibamus alfredi	description	1962	1961	early	Taylor 1962	Oriental	Thailand	6.87	101.27	NA	Fossorial&Terrestrial	Dibamidae	Dibamidae	0.69	355	Taylor 1962	NA	NE	extant	only known from type despite other sayings, see e.g., Das 2007
Dibamus booliati	description	2003	2001	recent	Das and Yaakob 2003	Oriental	Peninsular Malaysia	4.84	101.95	Cathemeral	Fossorial	Dibamidae	Dibamidae	0.42	238	Das and Yaakob 2003	NA	NE	extant	
Dibamus dalaiensis	description	2011	2009	recent	Neang et al. 2011	Oriental	Cambodia	12.44	103.08	NA	Fossorial	Dibamidae	Dibamidae	0.64	685	Neang et al. 2011b	NA	NE	extant	
Dibamus deharvengi	specimen	1999	1995	recent	Ineich 1999	Oriental	Vietnam	10.54	107.54	NA	Fossorial	Dibamidae	Dibamidae	0.31	168	Ineich 1999	NA	NE	extant	
Dibamus dezwaani	specimen	2005	1910	early	Das and Lim 2005	Oriental	Nias Island	1.22	97.57	NA	Fossorial	Dibamidae	Dibamidae	0.60	491	Das and Lim 2005	NA	NE	extant	
Dibamus ingeri	specimen	2003	1989	recent	Das and Lim 2003	Oriental	Borneo: Sarawak	4.75	115.67	Cathemeral	Fossorial	Dibamidae	Dibamidae	0.35	718	Das and Lim 2003	NA	NE	extant	
Dibamus kondaoensis	specimen	2001	1987	recent	Honda et al. 2001	Oriental	Vietnam: Kondao Island	8.71	106.61	NA	Fossorial	Dibamidae	Dibamidae	0.51	328	Bobrov and Semenov 2008	NA	NE	extant	
Dibamus montanus	description	1921	1917	early	Smith 1921	Oriental	Vietnam	11.93	108.53	NA	Fossorial	Dibamidae	Dibamidae	0.66	161	Greer 1985, Honda et al. 2001	NA	NE	extant	
Dibamus somsaki	description	1997	1995	recent	Honda et al. 1997	Oriental	Thailand	13.02	102.03	NA	Fossorial	Dibamidae	Dibamidae	0.46	335	Honda et al. 1997	NA	NE	extant	
Dibamus tebal	specimen	2009	1913	early	Das and Lim 2009	Oriental	Mentawai Archipelago: Pulau S	2.48	96.38	NA	Fossorial	Dibamidae	Dibamidae	1.05	802	Das and Lim 2009	NA	NE	extant	
Dibamus vorisi	description	2003	1990	recent	Das and Lim 2003	Oriental	Borneo: Sarawak	5.02	118.05	Cathemeral	Fossorial&Terrestrial	Dibamidae	Dibamidae	0.29	982	Das and Lim 2003	NA	NE	extant	
Dierogekko baaba	specimen	2014	2006	recent	Skipwith et al. 2014	Oceania	New Caledonia, Île Baaba	-20.07	163.96	Nocturnal	Arboreal	Diplodactylidae	Gekkota	0.00	450	Skipwith et al. 2014	NA	NE	extant	
Dierogekko inexpectatus	locality	2006	2010	recent	Skipwith et al. 2014	Oceania	New Caledonia	-20.25	164.03	Nocturnal	Arboreal	Diplodactylidae	Gekkota	0.08	441	Bauer et al. 2006b	CR	decreasing	extant	
Dierogekko kaalaensis	description	2006	2002	recent	Bauer et al. 2006	Oceania	New Caledonia	-20.60	164.38	Nocturnal	Arboreal	Diplodactylidae	Gekkota	0.26	429	Bauer et al. 2006b	CR	unknown	extant	
Dierogekko poumensis	locality	2006	2007	recent	Skipwith et al. 2014	Oceania	New Caledonia	-20.25	164.03	Nocturnal	Arboreal	Diplodactylidae	Gekkota	0.04	441	Bauer et al. 2006b	CR	stable	extant	
Dierogekko thomaswhitei	locality	2006	2004	recent	Vertnet	Oceania	New Caledonia	-20.78	164.58	Nocturnal	NA	Diplodactylidae	Gekkota	0.25	367	Bauer et al. 2006b	CR	unknown	extant	
Diplodactylus fulleri	locality	1978	2013	recent	Western Australia Museum	Australia	Australia	-23.34	122.69	Nocturnal	Terrestrial	Diplodactylidae	Gekkota	0.42	998	Western Australian Museum	NA	NE	extant	
Diplodactylus kenneallyi	specimen	1988	1986	recent	Western Australia Museum	Australia	Australia	-25.58	123.08	Nocturnal	Terrestrial	Diplodactylidae	Gekkota	0.32	2306	Storr 1988	NA	NE	extant	
Diploglossus ingridae	description	2004	1979	recent	Werler and Campbell 2004	Neotropic	Mexico	18.34	-94.89	NA	Arboreal&Terrestrial	Anguidae	Diploglossa	1.27	420	Werler and Campbell 2004	DD	unknown	extant	
Diploglossus microlepis	specimen	1831	1830 or earlier	early	inferred from date of description	Neotropic	Caribbean. exact details unkno	NA	NA	NA	NA	Anguidae	Diploglossa	0.74	NA	not mapped	NA	NE	extant	
Diploglossus millepunctatus	locality (Small island)	1874	2006	recent	Lopez-Victoria et al. 2011	Neotropic	Colombia (Malpelo Island)	3.98	-81.58	Diurnal	Saxicolous&Terrestrial	Anguidae	Diploglossa	2.75	NA	vertnet	LC	stable	extant	
Diploglossus montisserrati	locality	1964	2006	recent	Corry et al. 2010	Neotropic	British West Indies: Montserra	16.76	-62.22	Nocturnal	Fossorial&Terrestrial	Anguidae	Diploglossa	2.08	257	Underwood 1964	CR	NA	extant	
Diporiphora convergens	specimen	1974	1972	recent	Storr 1974	Australia	Australia	-14.50	125.78	NA	NA	Agamidae	Acrodontia	0.07	1520	Atlas of Living Australia, WAM	DD	unknown	extant	
Dixonius hangseesom	description	2004	2002	recent	Bauer et al. 2004	Oriental	Thailand	14.06	99.22	Nocturnal	Saxicolous	Gekkonidae	Gekkota	0.24	136	Bauer et al. 2004	NA	NE	extant	
Dixonius kaweesaki	description	2017	2014	recent	Sumontha et al. 2017	Oriental	Thailand	12.14	99.96	Nocturnal	Saxicolous	Gekkonidae	Gekkota	0.23	226	Sumontha et al. 2017	NA	NE	extant	
Dixonius minhlei	description	2016	2007	recent	Ziegler et al. 2007	Oriental	Vietnam	15.21	107.06	Nocturnal	Terrestrial	Gekkonidae	Gekkota	0.39	NA	Ziegler et al. 2016	NA	NE	extant	
Dixonius taoi	description	2015	2013	recent	Botov et al. 2015	Oriental	Vietnam: Phu Quy Island	10.53	108.95	Nocturnal	NA	Gekkonidae	Gekkota	0.29	186	Botov et al. 2015	NA	NE	extant	
Dopasia wegneri	specimen	1959	1958	early	Mertens 1959	Oriental	Sumatra	-0.34	100.67	Diurnal	NA	Anguidae	Diploglossa	1.26	101	ZSL, Monika Bohme	DD	unknown	extant	
Draco biaro	locality (Small island)	1987	1998	recent	vertnet	Oriental	Biaro Island	2.10	125.36	Diurnal	Arboreal	Agamidae	Acrodontia	0.66	212	GBIF.org	NA	NE	extant	
Draco iskandari	description	2007	1998	recent	Mcguire et al. 2007	Oceania	Sulawesi: Tahulandang Island	2.32	125.42	Diurnal	Arboreal	Agamidae	Acrodontia	0.68	274	McGuire et al. 2007	NA	NE	extant	
Draco supriatnai	description	2007	2001	recent	Mcguire et al. 2007	Oceania	Sulawesi: Togian Islands	-0.44	121.87	Diurnal	Arboreal	Agamidae	Acrodontia	0.76	492	McGuire et al. 2007	NA	NE	extant	
Echinosaura sulcarostrum	description	2006	1992	recent	Donnelly et al. 2006	Neotropic	Guyana	7.37	-60.49	NA	Semi Aquatic	Gymnophthalmidae	Lacertoidea	0.18	1205	Donnelly et al. 2006	NA	NE	extant	
Emoia campbelli	description	1986	1983	recent	Brown and Gibbons 1986	Oceania	Viti Levu	-17.78	178.05	Diurnal	Arboreal	Scincidae	Scincoidea	1.30	1226	Morrison 2003	EN	decreasing	extant	
Emoia coggeri	description	1991	1963	early	Brown 1991	Oceania	Papua New Guinea	-5.87	146.92	NA	NA	Scincidae	Scincoidea	0.36	1327	vertnet	DD	unknown	extant	
Emoia cyclops	description	1991	1938	early	Brown 1991	Oceania	New Guinea	-2.53	140.52	NA	NA	Scincidae	Scincoidea	0.55	381	Allen Allison	DD	unknown	extant	
Emoia isolata	locality (Small island)	1991	21st century	recent	McCoy 2006, IUCN	Oceania	Bellona Island, Rennel group	-11.30	159.80	Diurnal	Terrestrial	Scincidae	Scincoidea	0.62	578	Brown 1991	LC	stable	extant	
Emoia laobaoense	description	1937	1937 or earlier	early	Bourret 1937	Oriental	Vietnam	16.60	106.63	Diurnal	NA	Scincidae	Scincoidea	0.91	217	Brown 1991	NA	NE	extant	
Emoia oriva	description	2012	1986	recent	Zug 2012	Oceania	Rotuma Island	-12.48	177.07	Diurnal	Arboreal	Scincidae	Scincoidea	1.18	905	Zug 2012	NA	NE	extant	
Emoia paniai	description	1991	1959	early	vertnet	Oceania	Papua New Guinea	-3.89	136.35	NA	NA	Scincidae	Scincoidea	0.37	1065	vertnet	DD	unknown	extant	
Emoia taumakoensis	description	1984	1981	recent	McCoy and Webber 1984	Oceania	Solomon Islands: Santa Cruz	-9.95	167.22	Diurnal	Arboreal&Saxicolous&Terrestrial	Scincidae	Scincoidea	0.59	1375	McCoy and Webber 1984	LC	unknown	extant	
Emoia tuitarere	description	2011	2000	recent	Zug et al. 2011	Oceania	Cook Islands (Rarotonga)	-21.22	-159.77	Diurnal	Arboreal	Scincidae	Scincoidea	1.23	NA	Zug et al. 2011	VU	unknown	extant	
Enyalioides altotambo	description	2015	2010	recent	Torres-Carvajal et al. 2015	Neotropic	Ecuador	0.90	-78.61	Diurnal	Arboreal	Hoplocercidae	Pleurodonta	1.84	469	Torres-Carvajal et al. 2015a	NA	NE	extant	
Enyalioides azulae	description	2013	2010	recent	Venegas et al. 2013	Neotropic	Peru	-7.07	-76.01	Diurnal	Terrestrial	Hoplocercidae	Pleurodonta	1.40	1132	Venegas et al. 2013	LC	stable	extant	
Enyalioides binzayedi	description	2013	2011	recent	Venegas et al. 2013	Neotropic	Peru	-7.07	-76.01	NA	NA	Hoplocercidae	Pleurodonta	1.73	1161	Venegas et al. 2013a	NA	NE	extant	
Enyalioides rudolfarndti	description	2011	2010	recent	Venegas et al. 2011	Neotropic	Peru	-10.18	-75.57	Diurnal	Arboreal	Hoplocercidae	Pleurodonta	1.66	679	Venegas et al. 2011	LC	stable	extant	
Enyalioides sophiarothschildae	description	2015	2008	recent	Torres-Carvajal et al. 2015	Neotropic	Peru	-6.80	-77.52	Diurnal	Arboreal&Terrestrial	Hoplocercidae	Pleurodonta	1.88	2738	Torres-Carvajal et al. 2015a	NA	NE	extant	
Enyalius erythroceneus	description	2006	2005	recent	Rodrigues et al. 2006	Neotropic	Brazil	-13.16	-41.40	Diurnal	Terrestrial	Leiosauridae	Pleurodonta	1.33	467	de Freitas et al. 2012	NA	NE	extant	
Epibator greeri	description	1979	1978	recent	Bohme 1979	Oceania	New Caledonia	-20.57	164.28	NA	Arboreal	Scincidae	Scincoidea	0.64	349	Sadlier 1987	DD	unknown	extant	
Eremias cholistanica	description	2006	2004	recent	Baig and Masroor 2006	Oriental	Pakistan	29.38	71.77	Diurnal	NA	Lacertidae	Lacertoidea	0.55	30	Baig and Masroor 2006	NA	NE	extant	
Eremias isfahanica	description	2016	2009	recent	Rastegar-Pouyani et al. 2016	Palearctic	Iran	32.86	51.11	NA	Terrestrial	Lacertidae	Lacertoidea	0.86	137	Rastegar-Pouyani et al. 2016	NA	NE	extant	
Eremias kavirensis	description	2007	2006	recent	Mozaffari and Parham 2007	Palearctic	Iran	34.31	51.86	Diurnal	NA	Lacertidae	Lacertoidea	1.12	164	IUCN	LC	stable	extant	
Eremiascincus butlerorum	description	1993	1989	recent	Aplin et al. 1993	Oceania	Sumba Island	-10.13	120.66	NA	Terrestrial	Scincidae	Scincoidea	0.36	492	Aplin et al. 1993	NA	NE	extant	
Eugongylus sulaensis	description	1927	1914	early	Kopstein 1927	Oceania	Sula Island	-2.22	125.96	NA	NA	Scincidae	Scincoidea	1.77	284	The Reptile Database	NA	NE	extant	
Eumeces cholistanensis	description	2009	2002	recent	Masroor 2009	Oriental	Pakistan	29.38	71.77	Diurnal	Terrestrial	Scincidae	Scincoidea	1.37	30	Masroor 2009b	NA	NE	extant	
Eumeces indothalensis	description	1997	1984	recent	Khan and Khan 1997	Oriental	Pakistan	32.01	71.00	Diurnal	Fossorial&Terrestrial	Scincidae	Scincoidea	0.62	70	Khan and Khan 1997	NA	NE	extant	
Eumecia johnstoni	specimen	1897	1897 or earlier	early	inferred from date of description	Afrotropic	Malawi	-10.74	33.78	NA	NA	Scincidae	Scincoidea	1.77	1033	Boulenger 1897a	NA	NE	extant	
Euspondylus auyanensis	description	2009	1998	recent	Myers et al. 2009	Neotropic	Venezuela	5.89	-62.59	Diurnal	NA	Gymnophthalmidae	Lacertoidea	0.68	1594	IUCN	LC	stable	extant	
Euspondylus josyi	description	2003	1939	early	Kohler 2003	Neotropic	Peru	-11.37	-75.40	NA	NA	Gymnophthalmidae	Lacertoidea	1.11	564	Kohler 2008	NA	NE	extant	
Euspondylus paxcorpus	description	2015	2013	recent	Doan and Adams 2015	Neotropic	Peru	-10.97	-75.87	Diurnal	Saxicolous	Gymnophthalmidae	Lacertoidea	0.62	458	Doan and Adams 2015	NA	NE	extant	
Eutropis darevskii	specimen	1992	1991	recent	Bobrov 1992	Oriental	Vietnam	21.79	104.25	Diurnal	Saxicolous	Scincidae	Scincoidea	0.37	172	Nguyen et al. 2009	NA	NE	extant	
Eutropis gansi	description	1991	1990	recent	Das 1991	Oriental	India	8.52	77.50	Diurnal	Terrestrial	Scincidae	Scincoidea	0.68	274	Srinivasulu et al. 2014b	DD	unknown	extant	
Eutropis macrophthalma	description	2002	1999	recent	Mausfeld and Bohme 2002	Oriental	Java	NA	NA	Diurnal	NA	Scincidae	Scincoidea	1.44	NA	not mapped	NA	NE	extant	
Eutropis quadratilobus	description	1992	1972	recent	Bauer and Gunther 1992	Oriental	Bhutan	26.90	89.23	Diurnal	Terrestrial	Scincidae	Scincoidea	NA	285	Bauer and Gunther 1992	NA	NE	extant	
Furcifer belalandaensis	locality	1970	2003	recent	Karsten et al. 2009	Madagascar	Madagascar	-23.28	43.65	Diurnal	Arboreal	Chamaeleonidae	Acrodontia	1.58	19	Brown et al. 2014	CR	decreasing	extant	
Furcifer tuzetae	specimen	1972	1969	recent	Brygoo et al. 1972	Madagascar	Madagascar	-21.87	43.88	Diurnal	Arboreal	Chamaeleonidae	Acrodontia	2.00	198	Brown et al. 2014	DD	decreasing	extant	
Geckolepis megalepis	description	2017	2016	recent	Scherz et al. 2017	Madagascar	Madagascar	-12.96	49.13	Nocturnal	Arboreal	Gekkonidae	Gekkota	0.84	194	Scherz et al. 2017	NA	NE	extant	
Gehyra leopoldi	specimen	1930	1929	early	IUCN	Oceania	New Guinea	-0.88	131.25	NA	NA	Gekkonidae	Gekkota	0.30	61	GBIF.org	DD	unknown	extant	
Gekko albofasciolatus	description	1867	1867 or earlier	early	inferred from date of description	Oriental	Borneo: Kalimantan	-3.33	114.58	Nocturnal	NA	Gekkonidae	Gekkota	1.88	44	Rosler et al. 2011	NA	NE	extant	
Gekko boehmei	description	2015	2014	recent	Luu et al. 2015b	Oriental	Laos	17.31	105.73	Nocturnal	Saxicolous	Gekkonidae	Gekkota	1.34	331	Luu et al. 2015b	NA	NE	extant	
Gekko bonkowskii	description	2015	2014	recent	Luu et al. 2015b	Oriental	Laos	17.45	104.94	Nocturnal	Arboreal	Gekkonidae	Gekkota	0.84	250	Luu et al. 2015b	NA	NE	extant	
Gekko canaensis	description	2011	2010	recent	Ngo and Gamble 2011	Oriental	Vietnam	11.33	108.87	Nocturnal	Saxicolous	Gekkonidae	Gekkota	1.38	111	Ngo and Gamble 2011	NA	NE	extant	
Gekko carusadensis	description	2010	2009	recent	Linkem et al. 2010	Oriental	Luzon	15.11	121.07	Nocturnal	Saxicolous	Gekkonidae	Gekkota	1.25	39	Linkem et al. 2010	NA	NE	extant	
Gekko crombota	description	2008	2005	recent	Brown et al. 2008	Oriental	Babuyan Claro Island	19.52	121.94	Nocturnal	Arboreal	Gekkonidae	Gekkota	1.48	464	Brown et al. 2008	NA	NE	extant	
Gekko guishanicus	description	2016	1998	recent	Lin and Yao 2016	Oriental	Guishan Island	24.84	121.94	Nocturnal	Saxicolous&Terrestrial	Gekkonidae	Gekkota	0.74	99	Lin and Yao 2016	NA	NE	extant	
Gekko kwangsiensis	description	2015	2013	recent	Yang 2015	Oriental	China	23.15	108.30	Nocturnal	Saxicolous	Gekkonidae	Gekkota	0.85	98	Yang 2015	NA	NE	extant	
Gekko lauhachindai	description	2010	2009	recent	Panitvong et al. 2010	Oriental	Thailand	14.72	100.85	Nocturnal	Saxicolous	Gekkonidae	Gekkota	1.26	37	Panitvong et al. 2010	NA	NE	extant	
Gekko nadenensis	description	2017	2016	recent	Luu et al. 2017	Oriental	Laos	17.50	105.39	Nocturnal	Saxicolous	Gekkonidae	Gekkota	0.97	249	Luu et al. 2017	NA	NE	extant	
Gekko nutaphandi	description	2008	2003	recent	Bauer et al. 2008	Oriental	Thailand	14.22	99.05	Nocturnal	Arboreal&Saxicolous	Gekkonidae	Gekkota	1.47	364	Meiri 2016	NA	NE	extant	

Gekko rossi	description	2009	2006	recent	Brown et al. 2009	Oriental	Calayan Island	19.32	121.43	Nocturnal	Arboreal&Saxicolous	Gekkonidae	Gekkota	1.37	401	Brown et al. 2009	NA	NE	extant	
Gekko russelltraini	description	2009	2007	recent	Ngo et al. 2009	Oriental	Vietnam	10.94	107.37	Nocturnal	Arboreal	Gekkonidae	Gekkota	1.06	119	Ngo et al. 2009	NA	NE	extant	
Gekko sengchanthavongi	description	2015	2014	recent	Luu et al. 2015b	Oriental	Laos	17.32	105.69	Nocturnal	Saxicolous	Gekkonidae	Gekkota	0.97	331	Luu et al. 2015b	NA	NE	extant	
Gekko takouensis	description	2010	2009	recent	Ngo and Gamble 2010	Oriental	Vietnam	10.81	107.90	Nocturnal	Arboreal&Saxicolous	Gekkonidae	Gekkota	1.36	99	Ngo and Gamble 2010	NA	NE	extant	
Gekko thakhekensis	description	2014	2014	recent	Luu et al. 2014b	Oriental	Laos	17.46	104.90	Nocturnal	Saxicolous	Gekkonidae	Gekkota	1.00	181	Luu et al. 2014b	NA	NE	extant	
Gekko truongi	description	2011	2011	recent	Phung and Ziegler 2011	Oriental	Vietnam	12.49	109.13	Nocturnal	NA	Gekkonidae	Gekkota	1.23	257	Phung and Ziegler 2011	NA	NE	extant	
Gekko vietnamensis	description	2010	2008	recent	Sang 2010	Oriental	Vietnam	10.38	104.96	Nocturnal	Saxicolous	Gekkonidae	Gekkota	1.17	341	Sang 2010	NA	NE	extant	
Gekko wenxianensis	description	2008	2006	recent	Zhou and Wang 2008	Palearctic	China	32.85	104.77	Nocturnal	Saxicolous	Gekkonidae	Gekkota	0.65	1360	Zhou and Wang 2008	NA	NE	extant	
Geoscincus haraldmeieri	description	1976	1975	recent	Bohme 1976	Oceania	New Caledonia	-21.34	165.44	NA	NA	Scincidae	Scincoidea	1.49	260	IUCN	CR	unknown	extant	
Gerrhonotus farri	specimen	2010	2006	recent	Bryson and Graham 2010	Nearctic	Mexico	22.82	-99.88	Diurnal	NA	Anguidae	Diploglossa	1.33	219	Bryson and Graham 2010	NA	NE	extant	
Gerrhonotus lazcanoi	specimen	2017	2010	recent	Banda-Leal et al. 2017	Nearctic	Mexico	25.67	-100.67	Diurnal	Terrestrial	Anguidae	Diploglossa	NA	98	Banda-Leal et al. 2017	NA	NE	extant	
Glaphyromorphus clandestinus	locality	2004	after 2002	recent	Conrad Hoskin, pers. comm.	Australia	Australia	-19.48	146.98	NA	Fossorial&Terrestrial	Scincidae	Scincoidea	0.87	464	Atlas of Living Australia, QM	NA	NE	extant	
Glaphyromorphus nyanchupinta	description	2014	2007	recent	Hoskin and Couper 2014	Australia	Australia	-13.74	143.33	NA	Terrestrial	Scincidae	Scincoidea	0.46	550	Hoskin and Couper 2014	NA	NE	extant	
Glaphyromorphus othelarrni	description	2014	2013	recent	Hoskin and Couper 2014	Australia	Australia	-14.29	144.50	Diurnal	Saxicolous&Terrestrial	Scincidae	Scincoidea	1.23	710	Hoskin and Couper 2014	NA	NE	extant	
Gonatodes daudini	locality (Small island)	2005	2010	recent	Bentz et al. 2011	Neotropic	Union Island	12.60	-61.44	Diurnal	Saxicolous&Terrestrial	Sphaerodactylidae	Gekkota	-0.12	318	Powell and Henderson 2005	CR	stable	extant	
Gonatodes infernalis	description	2008	2007	recent	Rivas and Schargel 2008	Neotropic	Venezuela	6.58	-66.82	Diurnal	Saxicolous	Sphaerodactylidae	Gekkota	0.81	690	Schargel et al. 2010	NA	NE	extant	
Gonatodes lichenosus	description	2010	2009	recent	Rojas-Runjaic et al. 2010	Neotropic	Venezuela	10.04	-72.81	Diurnal	Arboreal	Sphaerodactylidae	Gekkota	0.34	894	IUCN	DD	unknown	extant	
Gonatodes timidus	description	2011	2011	recent	Kok 2011	Neotropic	Guyana	4.33	-58.80	Diurnal	Saxicolous	Sphaerodactylidae	Gekkota	0.53	609	IUCN	LC	unknown	extant	
Goniurosaurus huuliensis	description	2008	2003	recent	Orlov et al. 2008	Oriental	Vietnam	21.70	106.38	Nocturnal	Saxicolous&Terrestrial	Eublepharidae	Gekkota	1.54	241	Orlov et al. 2008	NA	NE	extant	
Goniurosaurus kadoorieorum	description	2015	2014	recent	Yang and Chan 2015	Oriental	China	23.60	108.30	Nocturnal	Saxicolous	Eublepharidae	Gekkota	1.54	102	Meiri 2016	NA	NE	extant	
Goniurosaurus kwangsiensis	description	2015	2013	recent	Yang and Chan 2015	Oriental	China	23.60	108.30	Nocturnal	NA	Eublepharidae	Gekkota	1.43	102	Yang and Chan 2015	NA	NE	extant	
Goniurosaurus liboensis	description	2013	2010	recent	Wang et al. 2013	Oriental	China	25.24	108.05	Nocturnal	Arboreal&Saxicolous	Eublepharidae	Gekkota	1.45	390	Wang et al. 2013	NA	NE	extant	
Goniurosaurus toyamai	locality (Small island)	1994	2004	recent	http://www.ms-goniurosaurus.de/Fertige%20Ho	Oriental	Ryukyu Archipelago: Iheya Isla	27.04	127.97	Nocturnal	NA	Eublepharidae	Gekkota	1.07	147	Goris and Maeda 2004	NA	NE	extant	
Goniurosaurus yingdeensis	description	2010	2009	recent	Wang et al. 2010	Oriental	China	24.41	113.31	Nocturnal	Saxicolous	Eublepharidae	Gekkota	1.25	255	Wang et al. 2010	NA	NE	extant	
Goniurosaurus zhelongi	description	2014	2013	recent	Wang et al. 2014	Oriental	China	24.41	113.11	Nocturnal	Saxicolous	Eublepharidae	Gekkota	1.21	181	Wang et al. 2014	NA	NE	extant	
Gonocephalus lacunosus	description	1991	1990	recent	Manthey and Denzer 1991	Oriental	Sumatra	3.24	98.54	Diurnal	Arboreal	Agamidae	Acrodontia	2.07	83	ZSL, Monika Bohme	DD	unknown	extant	
Gonocephalus mjobergi	specimen	1925	1924 or earlier	early	Smith 1925	Oriental	Borneo: Sarawak	3.92	115.33	Diurnal	Arboreal	Agamidae	Acrodontia	1.35	NA	Das 2004	NA	NE	extant	Mjoberg specimens
Haackgreerius miopus	description	1982	1959	early	Greer and Haacke 1982	Afrotropic	Somalia	4.00	47.00	NA	Fossorial	Scincidae	Scincoidea	0.40	585	Lanza 1983	NA	NE	extant	
Harpesaurus ensicauda	specimen	1913	1912	early	Werner 1913	Oriental	Nias Island	1.13	97.55	Diurnal	NA	Agamidae	Acrodontia	0.84	493	Manthey 2010	NA	NE	extant	
Harpesaurus modiglianii	specimen	1933	1933 or earlier	early	Vinciguerra 1933	Oriental	Sumatra	2.26	99.11	Diurnal	NA	Agamidae	Acrodontia	1.27	214	ZSL, Monika Bohme	DD	unknown	extant	
Hemicordylus nebulosus	locality	1995	2004	recent	Costandius and Mouton 2006	Afrotropic	South Africa	-34.04	19.00	Diurnal	Saxicolous	Cordylidae	Scincoidea	1.10	218	Bates et al. 2014	VU	NA	extant	
Hemidactylus aporus	description	1906	1903 or earlier	early	Leonardo Fea specimens; Boulenger 1906	Afrotropic	Annobon Island	3.49	8.69	NA	NA	Gekkonidae	Gekkota	0.54	223	Olivier Pauwels	NA	NE	extant	
Hemidactylus arnoldi	description	1978	1933	early	Lanza 1978	Afrotropic	Somalia	11.00	43.00	Nocturnal	Terrestrial	Gekkonidae	Gekkota	1.04	453	Lanza 1978	DD	unknown	extant	
Hemidactylus awashensis	description	2015	2011	recent	Smid et al. 2015	Afrotropic	Yemen	8.92	39.91	Nocturnal	Saxicolous	Gekkonidae	Gekkota	0.56	228	Meiri 2016	NA	NE	extant	
Hemidactylus beninensis	description	2006	2010	recent	Jean-François Trape	Afrotropic	Benin	7.73	2.18	Nocturnal	Saxicolous	Gekkonidae	Gekkota	1.01	269	Bauer 2006	LC	unknown	extant	
Hemidactylus chipkali	description	2017	2014	recent	Mirza and Raju 2017	Oriental	India	22.49	78.45	Nocturnal	Saxicolous	Gekkonidae	Gekkota	0.92	236	Mirza and Raju 2017	NA	NE	extant	
Hemidactylus dracaenacolus	locality	1999	2007	recent	Razzetti et al. 2011	Afrotropic	Socotra	12.51	53.95	Nocturnal	Arboreal&Terrestrial	Gekkonidae	Gekkota	0.94	1248	Razzetti et al. 2011	CR	decreasing	extant	
Hemidactylus endophis	specimen	2012	1885	early	Carranza, pers. comm.	Palearctic	Oman	NA	NA	NA	NA	Gekkonidae	Gekkota	0.65	NA	not mapped	NA	NE	extant	
Hemidactylus granti	locality	1899	2014	recent	Martin et al. 2017	Afrotropic	Socotra	12.55	54.00	Nocturnal	Saxicolous	Gekkonidae	Gekkota	0.98	1320	Razzetti et al. 2011	NT	unknown	extant	
Hemidactylus gujaratensis	description	2009	2007	recent	Giri et al. 2009	Oriental	India	21.52	70.48	Nocturnal	Saxicolous	Gekkonidae	Gekkota	0.76	13	Giri et al. 2009c	VU	unknown	extant	
Hemidactylus hemchandrai	description	2015	2014	recent	Dandge and Tiple 2015	Oriental	India	20.92	80.10	Nocturnal	Saxicolous&Terrestrial	Gekkonidae	Gekkota	1.10	141	Dandge and Tiple 2015	NA	NE	extant	
Hemidactylus klauberi	specimen	1948	1931	early	Scortecci 1948	Afrotropic	Somalia	0.49	42.78	NA	NA	Gekkonidae	Gekkota	0.15	79	Lanza 1983, 1990	NA	NE	extant	
Hemidactylus lopezjuradoi	description	2008	1997	recent	Arnold et al. 2008	Afrotropic	Cape Verde Islands (Fogo)	15.02	-24.39	NA	NA	Gekkonidae	Gekkota	0.18	364	Arnold et al. 2008	DD	NA	extant	
Hemidactylus makolowodei	description	2006	2001	recent	Bauer et al. 2006	Afrotropic	Cameroon	6.88	10.15	NA	Arboreal	Gekkonidae	Gekkota	1.28	807	Bauer et al. 2006e	DD	unknown	extant	
Hemidactylus newtoni	description	1897	1897 or earlier	early	inferred from date of description	Afrotropic	Annobon Island	-1.43	5.62	NA	NA	Gekkonidae	Gekkota	0.44	507	Olivier Pauwels	NA	NE	extant	
Hemidactylus principensis	description	2012	2015	recent	vertnet	Afrotropic	Principe Island	1.64	7.40	Nocturnal	Arboreal	Gekkonidae	Gekkota	0.78	418	Miller et al. 2012	NA	NE	extant	
Hemidactylus romeshkanicus	specimen	2011	2007	recent	Torki 2011	Palearctic	Iran	33.27	47.58	Nocturnal	NA	Gekkonidae	Gekkota	0.87	126	Hosseinzadeh et al. 2014	NA	NE	extant	
Hemidactylus sataraensis	locality	2008	2012	recent	Mirza et al. 2013	Oriental	India	17.62	73.85	Nocturnal	Saxicolous	Gekkonidae	Gekkota	0.36	467	Giri and Bauer 2008	VU	unknown	extant	
Hemiphyllodactylus banaensis	description	2014	2013	recent	Ngo et al. 2014	Oriental	Vietnam	15.99	108.00	Nocturnal	Arboreal&Saxicolous	Gekkonidae	Gekkota	0.47	732	Ngo et al. 2014	NA	NE	extant	
Hemiphyllodactylus bintik	specimen	2015	2013	recent	Grismer et al. 2015	Oriental	Peninsular Malaysia	5.60	102.60	Nocturnal	Arboreal	Gekkonidae	Gekkota	0.07	300	Grismer et al. 2015a	NA	NE	extant	
Hemiphyllodactylus chiangmaiensis	description	2014	21st century	recent	http://www.flickriver.com/search/Hemiphyllodac	Oriental	Thailand	18.80	99.00	Nocturnal	Saxicolous	Gekkonidae	Gekkota	0.22	10	Grismer et al. 2014f	NA	NE	extant	
Hemiphyllodactylus cicak	description	2016	2016	recent	Lee Grismer, pers. observation	Oriental	Penang Island	5.42	100.27	Nocturnal	NA	Gekkonidae	Gekkota	-0.11	17	Cobos et al. 2016	NA	NE	extant	
Hemiphyllodactylus engganoensis	description	2014	2013	recent	Grismer et al. 2014g	Oriental	Enggano	-5.35	102.28	Nocturnal	Arboreal	Gekkonidae	Gekkota	0.10	459	Grismer et al. 2014g	NA	NE	extant	
Hemiphyllodactylus kiziriani	description	2014	2013	recent	Nguyen et al. 2014	Oriental	Laos	19.81	102.10	Nocturnal	Arboreal&Saxicolous	Gekkonidae	Gekkota	0.21	55	Nguyen et al. 2014	NA	NE	extant	
Hemiphyllodactylus tehtarik	specimen	2013	2010	recent	Grismer et al. 2013	Oriental	Peninsular Malaysia	5.60	102.60	Nocturnal	Arboreal	Gekkonidae	Gekkota	0.19	300	Grismer et al. 2013	NA	NE	extant	
Hemiphyllodactylus zugi	description	2013	2012	recent	Nguyen et al. 2013	Oriental	Vietnam	22.71	106.66	Nocturnal	Arboreal&Saxicolous	Gekkonidae	Gekkota	0.36	344	Nguyen et al. 2013	NA	NE	extant	
Heterodactylus septentrionalis	description	2009	2007	recent	Rodrigues et al. 2009	Neotropic	Brazil	-13.16	-41.40	Diurnal	Terrestrial	Gymnophthalmidae	Lacertoidea	0.49	467	Camacho et al. 2016	NA	NE	extant	
Homonota rupicola	description	2007	21st century	recent	Cacciali et al. 2007	Neotropic	Paraguay	-25.52	-57.05	Nocturnal	Terrestrial	Phyllodactylidae	Gekkota	0.10	106	Cacciali et al. 2007	NA	NE	extant	
Hoplodactylus delcourti	specimen	1986	1833-1869	early	Bauer and Russell 1986	Oceania	New Zealand North Island	-45.27	169.32	Nocturnal	NA	Diplodactylidae	Gekkota	3.05	156	Chapple and Hitchmough 2016	EX	NA	extinct	may not be from new Zealand (Worthy 2016)
Hypsilurus nigrigularis	specimen	1874	1874 or earlier	early	inferred from date of description	Oceania	New Guinea	-3.44	135.25	NA	NA	Agamidae	Acrodontia	2.65	751	Allen Allison pers. comm.	DD	unknown	extant	
Hypsilurus ornatus	specimen	2006	1989	recent	Manthey and Denzer 2006	Oceania	Papua New Guinea	-6.58	142.83	NA	NA	Agamidae	Acrodontia	2.11	2212	Allen Allison pers. comm.	DD	unknown	extant	
Hypsilurus tenuicephalus	specimen	2006	21st century	recent	Manthey and Denzer 2006	Oceania	New Guinea	NA	NA	Diurnal	Arboreal	Agamidae	Acrodontia	2.08	NA	not mapped	DD	unknown	extant	
Ichnotropis chapini	locality	1919	1925	early	RMCA museum	Afrotropic	Congo	3.86	30.22	NA	NA	Lacertidae	Lacertoidea	0.66	548	The Reptile Database	NA	NE	extant	
Ichnotropis microlepidota	description	1956	1954	early	Marx 1956	Afrotropic	Angola	-12.46	15.16	NA	NA	Lacertidae	Lacertoidea	0.52	605	The Reptile Database	NA	NE	extant	
Ichnotropis tanganicana	specimen	1917	1896 or earlier	early	Boulenger 1917	Afrotropic	Lake Tanganyika coast	-6.16	30.21	NA	NA	Lacertidae	Lacertoidea	NA	261	Spawls et al. 2002	DD	unknown	extant	
Insulasaurus traanorum	description	2010	2007	recent	Linkem et al. 2010	Oriental	Palawan	8.81	117.66	NA	NA	Scincidae	Scincoidea	0.45	755	Linkem et al. 2010	NA	NE	extant	
Japalura dasi	description	2002	1997	recent	Schleich and Kastle 2002	Oriental	Nepal	29.45	81.60	Diurnal	Arboreal&Saxicolous	Agamidae	Acrodontia	0.93	460	Schleich and Kastle 2002	DD	unknown	extant	
Japalura iadina	description	2016	2015	recent	Wang et al. 2016a	Oriental	China	28.37	98.87	Diurnal	Terrestrial	Agamidae	Acrodontia	0.94	676	Wang et al. 2016a	NA	NE	extant	
Japalura laeviventris	description	2016	2013	recent	Wang et al. 2016a	Oriental	China	30.10	97.23	Diurnal	Terrestrial	Agamidae	Acrodontia	1.08	1271	Wang et al. 2016a	NA	NE	extant	
Japalura ngoclinensis	description	2017	2004	recent	Ananjeva et al. 2017	Oriental	Vietnam	15.08	107.95	Diurnal	NA	Agamidae	Acrodontia	1.01	501	Ananjeva et al. 2017	NA	NE	extant	
Japalura otai	description	2009	1995	recent	Mahony 2009	Oriental	India	22.82	92.82	Diurnal	NA	Agamidae	Acrodontia	0.81	180	Mahony 2009a	NA	NE	extant	
Japalura vela	description	2015	2013	recent	Wang et al. 2015	Palearctic	China	29.08	98.60	Diurnal	Saxicolous	Agamidae	Acrodontia	1.02	1023	Wang et al. 2015	NA	NE	extant	
Japalura yulongensis	description	2012	1914	early	Manthey et al. 2012	Palearctic	China	26.88	100.18	Diurnal	Arboreal&Saxicolous&Terrestrial	Agamidae	Acrodontia	0.84	298	Manthey et al. 2012	NA	NE	extant	
Japalura zhaoermii	description	2002	2001	recent	Gao and Huo 2002	Palearctic	China	31.48	103.59	Diurnal	Arboreal&Saxicolous&Terrestrial	Agamidae	Acrodontia	1.30	596	Gao and Hou 2002	NA	NE	extant	
Jarujinia bipedalis	specimen	2011	1987	recent	Chan-Ard et al. 2011	Oriental	Thailand	13.28	99.42	NA	Fossorial	Scincidae	Scincoidea	0.60	970	Chan-ard et al. 2011	NA	NE	extant	
Kaieteurosaurus hindsi	specimen	2005	2004	recent	Kok 2005	Neotropic	Guyana	5.18	-59.47	NA	Terrestrial	Gymnophthalmidae	Lacertoidea	0.26	1334	Kok 2009	DD	unknown	extant	
Kinyongia asheorum	description	2009	2004	recent	Necas et al. 2009	Afrotropic	Kenya	2.12	36.86	Diurnal	Arboreal	Chamaeleonidae	Acrodontia	1.27	775	Necas et al. 2009	NT	unknown	extant	
Kinyongia mulyai	specimen	2015	2010	recent	Tilbury and Tolley 2015	Afrotropic	Democratic Republic of the Co	-6.85	29.60	NA	NA	Chamaeleonidae	Acrodontia	NA	351	Tilbury and Tolley 2015	CR	decreasing	extant	
Lamprolepis leucosticta	locality	1923	1956	early	Mertens 1971	Oriental	Java	-6.74	107.01	NA	Arboreal	Scincidae	Scincoidea	0.91	31	Manthey and Grossmann 1997	NA	NE	extant	
Lampropholis colossus	locality	1991	2011	recent	Atlas of living Australia	Australia	Australia	-26.88	151.62	NA	NA	Scincidae	Scincoidea	0.52	181	Ingram 1991	NA	NE	extant	
Lankascincus munindradasai	description	2007	2006	recent	Mendis et al. 2007	Oriental	Sri Lanka	6.81	80.51	NA	Terrestrial	Scincidae	Scincoidea	0.21	441	Wickramasinghe et al. 2007	NA	NE	extant	
Lankascincus sripadensis	description	2007	2006	recent	Mendis et al. 2007	Oriental	Sri Lanka	6.81	80.51	Diurnal	Terrestrial	Scincidae	Scincoidea	0.58	441	Wickramasinghe et al. 2007	NA	NE	extant	
Larutia nubisilvicola	description	2011	2007	recent	Chan-Ard et al. 2011	Oriental	Thailand	8.77	99.52	Diurnal	Fossorial&Terrestrial	Scincidae	Scincoidea	0.92	728	Chan-ard et al. 2011	NA	NE	extant	
Larutia penangensis	specimen	2011	2010	recent	Grismer et al. 2011	Oriental	Pinang Island	5.44	100.28	NA	Fossorial&Terrestrial	Scincidae	Scincoidea	NA	17	Meiri 2016	NA	NE	extant	
Larutia puehensis	specimen	2003	1927 or earlier	early	inferred from holotype BMNH number	Oriental	Borneo	1.70	109.75	NA	NA	Scincidae	Scincoidea	1.10	364	Grismer et al. 2003	NA	NE	extant	
Latastia ornata	specimen	1940	1938	early	Monard 1940, IUCN	Afrotropic	Guinea Bissau	12.32	-15.77	NA	NA	Lacertidae	Lacertoidea	1.04	253	Trape et al. 2012	DD	unknown	extant	
Latastia siebenrocki	specimen	1905	1905 or earlier	early	inferred from Tornier 1905	Afrotropic	Benin	6.50	2.60	Diurnal	Terrestrial	Lacertidae	Lacertoidea	0.47	159	Trape J.F. pers. comm.	DD	unknown	extant	2 other specimens in the BMNH, numbers 1936 and 1951, but presumably from E. Africa
Laudakia papenfussi	locality	1998	2014	recent	Zou et al. 2016	Palearctic	Tibet	31.48	79.81	Diurnal	Saxicolous	Agamidae	Acrodontia	1.84	698	Huang Yong, Wang Hongfu, Wang Yue	NA	NE	extant	
Laudakia wui	description	1998	1973	recent	Zhao 1998	Palearctic	Tibet	29.86	95.75	Diurnal	Saxicolous	Agamidae	Acrodontia	2.20	2334	Huang Yong, Wang Hongfu, Wang Yue	NA	NE	extant	
Leiocephalus eremitus	specimen	1868	1868 or earlier	early	inferred from date of description	Neotropic	Navassa Island	18.41	-75.01	NA	NA	Leiocephalidae	Pleurodonta	0.80	276	Schwartz and Henderson 1991, Powell	EX	NA	extinct	
Leiocephalus greenwayi	locality (Small island)	1935	1981	recent	vertnet	Neotropic	East Plana Cay	22.60	-73.61	Diurnal	NA	Leiocephalidae	Pleurodonta	1.05	498	Schwartz and Henderson 1991, Pregill	VU	unknown	extant	
Leiocephalus herminieri	description	1837	1837 or earlier	early	inferred from date of description	Neotropic	Martinique	14.73	-60.97	NA	NA	Leiocephalidae	Pleurodonta	1.93	32	Schwartz and Henderson 1991, Pregill	EX	NA	extinct	
Leiocephalus onaneyi	locality	1973	2010	recent	Diaz and Cadiz 2012	Neotropic	Cuba	20.07	-74.74	Diurnal	Terrestrial	Leiocephalidae	Pleurodonta	1.01	140	Diaz and Cadiz 2012	NA	NE	extant	
Leiocephalus rhutidira	description	1979	1978	recent	Schwartz 1979	Neotropic	Hispaniola: Haiti	19.51	-72.74	NA	NA	Leiocephalidae	Pleurodonta	0.87	68	Schwartz and Henderson 1991, Pregill	NA	NE	extant	
Leiocephalus sixtoi	description	2016	2014	recent	Kohler et al. 2016	Neotropic	Hispaniola: Dominican Republ	18.21	-70.53	Diurnal	Terrestrial	Leiocephalidae	Pleurodonta	1.27	109	Kohler et al. 2016	NA	NE	extant	
Leiolopisma fasciolare	specimen	1858	1858 or earlier	early	inferred from date of description	Oriental	unknown	NA	NA	NA	NA	Scincidae	Scincoidea	NA	NA	not mapped	NA	NE	extant	
Lepidoblepharis miyatai	locality	1985	1977	recent	vertnet	Neotropic	Colombia	11.33	-74.12	Diurnal	Terrestrial	Sphaerodactylidae	Gekkota	-0.51	162	Fernando-Castro Herrera	CR	unknown	extant	
Lepidoblepharis rufigularis	specimen	2015	2012	recent	Batista et al. 2015	Neotropic	Panama	8.06	-77.37	NA	Terrestrial	Sphaerodactylidae	Gekkota	-0.41	1119	Batista et al. 2015	NA	NE	extant	
Lepidodactylus buleli	description	2008	2006	recent	Ineich 2008	Oceania	Espirito Santo Island	-14.96	166.63	Nocturnal	Arboreal	Gekkonidae	Gekkota	0.10	NA	Ineich 2008	DD	unknown	extant	
Lepidodactylus flaviocularis	locality	1992	2015	recent	McCoy 2015	Oceania	Solomon Islands (Guadalcanal)	-9.48	159.98	NA	Arboreal	Gekkonidae	Gekkota	0.42	408	Brown et al. 1992	DD	unknown	extant	
Lepidodactylus gardineri	locality (Small island)	1897	21st century	recent	Morrison 2005	Oceania	Rotuma Island	-12.50	177.08	Nocturnal	Arboreal	Gekkonidae	Gekkota	0.53	905	Ineich 2008	VU	unknown	extant	
Lepidodactylus oligoporus	description	2007	2004	recent	Buden 2007	Oceania	Toimon Island	5.93	153.15	Nocturnal	Arboreal	Gekkonidae	Gekkota	0.40	2057	Buden 2007	DD	unknown	extant	
Lepidodactylus shebae	specimen	1949	1944	early	Brown and Tanner 1949, IUCN	Oceania	Solomon Islands (Guadalcanal)	-9.43	160.03	NA	NA	Gekkonidae	Gekkota	0.06	408	Allen Allison, Alison Hamilton	DD	unknown	extant	2 other supposed specimens in vertnet with no collection dates
Lepidodactylus tepukapili	description	2003	1998	recent	Zug et al. 2003	Oceania	Polynesia (Tuvalu)	-8.52	179.08	NA	Arboreal	Gekkonidae	Gekkota	0.46	NA	Zug et al. 2003	NA	NE	extant	
Lepidodactylus yami	locality	1987	1988	recent	vertnet	Oriental	Lanyu Island	22.03	121.56	Nocturnal	Arboreal	Gekkonidae	Gekkota	0.24	173	vertnet	NA	NE	extant	
Lepidophyma chicoasensis	description	1988	1980	recent	Alvarez and Valentin 1988	Neotropic	Mexico	17.04	-93.17	NA	NA	Xantusiidae	Scincoidea	1.51	92	Kohler 2003	DD	unknown	extant	
Lepidophyma dontomasi	locality	1942	1972	recent	vertnet	Neotropic	Mexico	16.63	-95.76	NA	Saxicolous	Xantusiidae	Scincoidea	0.53	726	NatureServe, IUCN	DD	unknown	extant	
Lepidophyma lipetzi	locality	1977	1990s?	recent	Bezy and Camarillo 2002	Neotropic	Mexico	17.38	-93.28	NA	Saxicolous	Xantusiidae	Scincoidea	0.51	351	Kohler 2003	EN	decreasing	extant	
Lepidophyma lowei	description	1997	1991	recent	Bezy and Camarillo 1997	Neotropic	Mexico	17.23	-96.25	NA	Saxicolous	Xantusiidae	Scincoidea	0.62	893	Canseco-Marquez et al. 2008	DD	unknown	extant	
Lepidophyma zongolica	description	2010	2007	recent	Garcia-Vazquez et al. 2010	Neotropic	Mexico	18.49	-96.85	NA	Terrestrial	Xantusiidae	Scincoidea	0.87	182	Garcia-Vazquez et al. 2010	NA	NE	extant	
Leposoma sinepollex	description	2013	2011	recent	Rodrigues et al. 2013	Neotropic	Brazil	-13.58	-39.71	NA	Terrestrial	Gymnophthalmidae	Lacertoidea	-0.10	175	Rodrigues et al. 2013	NA	NE	extant	
Leptoseps osellai	specimen	1981	1980	recent	Bohme 1981	Oriental	Thailand	19.14	98.68	NA	Terrestrial	Scincidae	Scincoidea	-0.22	175	Greer 1997	NA	NE	extant	

Leptosiaphos fuhni	specimen	1973	1957	early	Perret 1973	Afrotropic	Cameroon	3.98	13.18	NA	NA	Scincidae	Scincoidea	0.21	465	Chirio and LeBreton 2007	NA	NE	extant	
Leptosiaphos hylophilus	description	1982	1955	early	Laurent 1982	Afrotropic	Democratic Republic of the Co	-0.88	18.07	NA	NA	Scincidae	Scincoidea	-0.03	510	Laurent 1982, RMCA, Danny Meirte	NA	NE	extant	
Leptosiaphos koutoui	description	2004	2001	recent	Ineich et al. 2004	Afrotropic	Cameroon	6.52	14.28	NA	Fossorial&Terrestrial	Scincidae	Scincoidea	0.33	76	Ineich et al. 2004	NA	NE	extant	
Leptosiaphos rhomboidalis	specimen	1989	1982	recent	Broadley 1989	Afrotropic	Tanzania	-7.92	37.08	NA	Terrestrial	Scincidae	Scincoidea	0.47	583	Spawls et al. 2002	DD	unknown	extant	
Lerista bunglebungle	locality	1991	2014	recent	Lloyd 2015	Australia	Australia	-17.49	128.38	Nocturnal	Fossorial	Scincidae	Scincoidea	0.31	852	Atlas of Living Australia, WAM	NA	NE	extant	
Lerista ingrami	locality	1991	1996	recent	Atlas of living Australia	Australia	Australia	-15.10	145.24	Diurnal	Fossorial&Terrestrial	Scincidae	Scincoidea	-0.36	243	Atlas of Living Australia	NA	NE	extant	
Lerista praefrontalis	specimen	1986	1982	recent	Western Australia Museum	Australia	Australia: Kinghall Island	-16.08	123.42	Nocturnal	Fossorial&Terrestrial	Scincidae	Scincoidea	0.35	NA	Atlas of Living Australia, WAM	NA	NE	extant	
Lerista quadrivincula	specimen	1991	1980	recent	Atlas of living Australia	Australia	Australia	-21.02	116.80	NA	NA	Scincidae	Scincoidea	0.03	1102	Storr 1990	NA	NE	extant	
Lerista robusta	description	1990	1989	recent	Storr 1990	Australia	Australia	-18.93	125.07	Nocturnal	Fossorial&Terrestrial	Scincidae	Scincoidea	0.26	1066	Storr 1990	NA	NE	extant	
Lerista talpina	specimen	1991	1981	recent	Storr 1991a	Australia	Australia	-22.68	114.02	NA	NA	Scincidae	Scincoidea	-0.36	791	Storr 1991a	NA	NE	extant	
Lerista viduata	locality	1991	2013	recent	Atlas of living Australia	Australia	Australia	-33.55	119.10	Diurnal	Terrestrial	Scincidae	Scincoidea	0.21	379	Storr 1991b	NA	NE	extant	
Liburnascincus scirtetis	locality	1980	2011	recent	Atlas of living Australia	Australia	Australia	-15.66	145.23	Diurnal	Saxicolous	Scincidae	Scincoidea	0.83	289	ZSL, Monika Bohme	LC	unknown	extant	
Liolaemus antumalguen	description	2010	2005	recent	Avila et al. 2010	Neotropic	Argentina	-36.65	-70.33	Diurnal	Saxicolous	Liolaemidae	Pleurodonta	1.62	452	Avila et al. 2010	LC	unknown	extant	
Liolaemus burmeisteri	description	2012	2007	recent	Avila et al. 2012	Neotropic	Argentina	-37.23	-70.37	Diurnal	Saxicolous&Terrestrial	Liolaemidae	Pleurodonta	1.30	315	Avila et al. 2012b	NA	NE	extant	
Liolaemus caparensis	description	2011	2008	recent	Breitman et al. 2011	Neotropic	Argentina	-49.57	-72.05	Diurnal	Terrestrial	Liolaemidae	Pleurodonta	0.81	522	Breitman et al. 2011b	LC	stable	extant	
Liolaemus choique	description	2010	2008	recent	Abdala et al. 2010	Neotropic	Argentina	-36.37	-69.80	Diurnal	Saxicolous	Liolaemidae	Pleurodonta	1.38	306	Abdala et al. 2010	LC	stable	extant	
Liolaemus cinereus	description	2006	2005	recent	Monguillot et al. 2006	Neotropic	Argentina	-29.52	-69.19	NA	NA	Liolaemidae	Pleurodonta	0.89	300	Daniel Pincheira-Donoso	DD	unknown	extant	
Liolaemus confusus	locality	2006	2014	recent	Gonzalez-Gutierrez 2015	Neotropic	Chile	-34.78	-71.56	Diurnal	Saxicolous	Liolaemidae	Pleurodonta	0.94	335	Daniel Pincheira-Donoso	NA	NE	extant	
Liolaemus crandalli	description	2015	2009	recent	Avila et al. 2015	Neotropic	Argentina	-37.72	-68.90	Diurnal	Saxicolous	Liolaemidae	Pleurodonta	1.42	575	Avila et al. 2015	NA	NE	extant	
Liolaemus cranwelli	specimen	1973	1961	early	Donoso-Barros 1973	Neotropic	Bolivia	-17.32	-63.55	NA	NA	Liolaemidae	Pleurodonta	0.77	457	Etheridge 2000, Dirksen and De la Riva	CR	decreasing	extant	
Liolaemus cuyumhue	description	2009	2006	recent	Avila et al. 2009	Neotropic	Argentina	-38.20	-69.00	Diurnal	Terrestrial	Liolaemidae	Pleurodonta	0.87	151	Avila et al. 2009	CR	unknown	extant	
Liolaemus diaguita	description	2011	2010	recent	Abdala et al. 2011	Neotropic	Argentina	-25.82	-65.69	Diurnal	Saxicolous	Liolaemidae	Pleurodonta	0.58	270	Abdala et al. 2011	LC	stable	extant	
Liolaemus disjunctus	description	1990	probably before 1963	early	Laurent 1990	Neotropic	Peru	-7.82	-78.05	Diurnal	NA	Liolaemidae	Pleurodonta	1.40	232	Daniel Pincheira-Donoso	NA	NE	extant	no collection date in description, collected by W. Weyrauch, who moved to Argentina in 1962, and died in 1970
Liolaemus duellmani	description	1978	1974	recent	Cei 1978	Neotropic	Argentina	-36.35	-69.83	NA	NA	Liolaemidae	Pleurodonta	1.27	357	Daniel Pincheira-Donoso	DD	unknown	extant	
Liolaemus erroneus	specimen	1984	1962	early	Nunez and Yanez 1984	Neotropic	Chile	-23.32	-67.81	Diurnal	NA	Liolaemidae	Pleurodonta	0.96	448	Daniel Pincheira-Donoso	DD	unknown	extant	
Liolaemus exploratorum	description	1984	1896	early	Cei 1986	Neotropic	Argentina	-46.64	-71.31	NA	NA	Liolaemidae	Pleurodonta	0.71	457	Daniel Pincheira-Donoso	DD	unknown	extant	
Liolaemus forsteri	specimen	1982	1979	recent	Laurent 1982	Neotropic	Bolivia	-16.37	-68.14	NA	NA	Liolaemidae	Pleurodonta	1.56	338	Daniel Pincheira-Donoso	NA	NE	extant	
Liolaemus frassinettii	locality	2007	21st century	recent	Demangel 2016	Neotropic	Chile	-33.94	-70.96	Diurnal	Saxicolous	Liolaemidae	Pleurodonta	1.39	472	Daniel Pincheira-Donoso	NA	NE	extant	
Liolaemus gardeli	description	2017	2014	recent	Verrastro et al. 2017	Neotropic	Uruguay	-31.98	-55.52	Diurnal	Terrestrial	Liolaemidae	Pleurodonta	0.58	395	Verrastro et al. 2017	NA	NE	extant	
Liolaemus halonastes	description	2010	2007	recent	Lobo et al. 2010	Neotropic	Argentina	-25.07	-67.64	Diurnal	Terrestrial	Liolaemidae	Pleurodonta	1.07	429	Daniel Pincheira-Donoso	NA	NE	extant	
Liolaemus huayra	description	2008	2006	recent	Abdala et al. 2008	Neotropic	Argentina	-26.38	-66.07	Diurnal	Saxicolous	Liolaemidae	Pleurodonta	1.44	222	Abdala et al. 2008	LC	stable	extant	
Liolaemus janequeoae	description	2016	2016	recent	Troncoso-Palacios et al. 2016	Neotropic	Chile	-38.20	-71.73	Diurnal	Arboreal&Saxicolous	Liolaemidae	Pleurodonta	1.03	229	Troncoso-Palacios et al. 2016	NA	NE	extant	
Liolaemus leftrarui	description	2016	2016	recent	Troncoso-Palacios et al. 2016	Neotropic	Chile	-38.20	-71.75	Diurnal	Arboreal&Saxicolous	Liolaemidae	Pleurodonta	1.25	360	Troncoso-Palacios et al. 2016	NA	NE	extant	
Liolaemus lonquimayensis	description	2015	2013	recent	Huerta et al. 2015	Neotropic	Chile	-38.39	-71.63	Diurnal	Saxicolous	Liolaemidae	Pleurodonta	1.03	231	Huerta et al. 2015	NA	NE	extant	
Liolaemus lopezi	specimen	2005	1992	recent	Ibarra-Vidal 2005	Neotropic	Chile	-19.63	-68.63	Diurnal	Terrestrial	Liolaemidae	Pleurodonta	0.97	647	Daniel Pincheira-Donoso	LC	stable	extant	
Liolaemus melaniceps	description	2005	2002	recent	Pincheira-Donoso and Nunez 2005	Neotropic	Isla Chungungo	-29.41	-71.36	Diurnal	Terrestrial	Liolaemidae	Pleurodonta	1.56	93	Daniel Pincheira-Donoso	LC	unknown	extant	
Liolaemus melanopleurus	specimen	1860	1860 or earlier	early	inferred from date of description	Neotropic	Chile	NA	NA	Diurnal	NA	Liolaemidae	Pleurodonta	1.05	NA	not mapped	NA	NE	extant	
Liolaemus montanezi	description	2006	2005	recent	Cabrera and Monguillot 2006	Neotropic	Argentina	-29.54	-69.22	Diurnal	Terrestrial	Liolaemidae	Pleurodonta	0.92	300	Daniel Pincheira-Donoso	DD	unknown	extant	
Liolaemus nigrocoeruleus	description	2014	2012	recent	Marambio-Alfaro and Troncoso-Palacios 2014	Neotropic	Chile	-27.45	-70.84	Diurnal	Saxicolous	Liolaemidae	Pleurodonta	0.74	138	Marambio-Alfaro and Troncoso-Palacio	LC	stable	extant	
Liolaemus pacha	locality	2013	2013	recent	Heredia et al. 2014	Neotropic	Argentina	-26.67	-65.82	Diurnal	NA	Liolaemidae	Pleurodonta	1.00	312	Heredia et al. 2013	LC	stable	extant	
Liolaemus puelche	description	2007	2003	recent	Avila et al. 2007	Neotropic	Argentina	-36.64	-69.82	Diurnal	Terrestrial	Liolaemidae	Pleurodonta	1.36	358	Avila et al. 2007	LC	stable	extant	
Liolaemus ramonensis	locality	1932	2010	recent	Daniel Pincheira-Donoso	Neotropic	Chile	-33.48	-70.43	Diurnal	Saxicolous	Liolaemidae	Pleurodonta	1.45	199	Daniel Pincheira-Donoso	LC	stable	extant	
Liolaemus tacora	description	2016	2015	recent	Demangel 2016	Neotropic	Chile	-17.72	-69.82	Diurnal	Saxicolous&Terrestrial	Liolaemidae	Pleurodonta	1.36	446	Demangel 2016	NA	NE	extant	
Liolaemus talampaya	description	2004	2000	recent	Avila et al. 2004	Neotropic	Argentina	-29.73	-67.75	Diurnal	Saxicolous	Liolaemidae	Pleurodonta	1.31	536	Avila et al. 2004	LC	unknown	extant	
Liolaemus tolhuaca	description	2016	2014	recent	Demangel 2016	Neotropic	Chile	-38.22	-71.74	Diurnal	Saxicolous&Terrestrial	Liolaemidae	Pleurodonta	1.02	229	Demangel 2016	NA	NE	extant	
Liolaemus tregenzai	description	2007	2006	recent	Pincheira-Donoso and Scolaro 2007	Neotropic	Argentina	-37.82	-71.10	Diurnal	NA	Liolaemidae	Pleurodonta	1.38	342	Daniel Pincheira-Donoso	NA	NE	extant	
Liolaemus tulkas	description	2008	2007	recent	Quinteros et al. 2008	Neotropic	Argentina	-27.72	-67.98	Diurnal	Saxicolous	Liolaemidae	Pleurodonta	1.04	331	Quinteros et al. 2008a	LC	stable	extant	
Liolaemus uniformis	description	2016	2012	recent	Troncoso-Palacios et al. 2016	Neotropic	Chile	-32.26	-70.50	Diurnal	Saxicolous	Liolaemidae	Pleurodonta	1.36	825	Troncoso-Palacios et al. 2016	NA	NE	extant	
Liolaemus yatel	description	2014	2009	recent	Abdala et al. 2014	Neotropic	Argentina	-47.69	-68.01	Diurnal	Terrestrial	Liolaemidae	Pleurodonta	0.85	387	Abdala et al. 2014	LC	stable	extant	
Lioscincus vivae	description	2004	2003	recent	Sadlier et al. 2004	Oceania	New Caledonia	-21.17	165.03	Diurnal	Terrestrial	Scincidae	Scincoidea	0.49	349	Sadlier et al. 2004	CR	unknown	extant	
Lipinia miangensis	specimen	1910	1901	early	Werner 1910	Oriental	Pulau Miang	0.72	118.01	NA	NA	Scincidae	Scincoidea	0.01	3441	Das 2004	DD	unknown	extant	
Lipinia sekayuensis	description	2014	2016	recent	Grismer et al. 2016e	Oriental	Peninsular Malaysia	5.00	102.97	Diurnal	Fossorial&Terrestrial	Scincidae	Scincoidea	0.13	291	Grismer et al. 2014a, Grismer et al. 201	NA	NE	extant	
Lipinia zamboangensis	specimen	1963	1959	early	Vertnet	Oriental	Mindanao	8.31	123.61	NA	NA	Scincidae	Scincoidea	0.20	507	GBIF, CAS	DD	stable	extant	
Lobulia glacialis	description	2005	1997	recent	vertnet	Oceania	New Guinea	-4.05	137.09	Diurnal	Terrestrial	Scincidae	Scincoidea	0.57	2353	GBIF.org	DD	unknown	extant	
Loveridgea phylofiniens	description	1899	1899 or earlier	early	inferred from date of description	Afrotropic	Tanzania	-4.94	29.81	NA	Fossorial	Amphisbaenidae	Amphisbaenia	0.53	71	Gans and Kraklau 1989	DD	unknown	extant	
Loxopholis hoogmoedi	specimen	2008	2007	recent	Kok 2008	Neotropic	Guyana	5.22	-60.59	Diurnal	Arboreal	Gymnophthalmidae	Lacertoidea	0.68	968	Kok 2008	LC	stable	extant	
Luperosaurus gulat	specimen	2010	2007	recent	Brown et al. 2010a	Oriental	Palawan	8.81	117.65	Nocturnal	Arboreal	Gekkonidae	Gekkota	1.03	364	Brown et al. 2010a	NA	NE	extant	
Luperosaurus iskandari	specimen	2000	1998	recent	Brown et al. 2000	Oriental	Sulawesi	-0.74	123.02	Nocturnal	NA	Gekkonidae	Gekkota	0.84	521	Meiri 2016	DD	unknown	extant	
Luperosaurus kubli	specimen	2007	2003	recent	Brown et al. 2007	Oriental	Luzon	16.34	121.73	Nocturnal	Arboreal	Gekkonidae	Gekkota	1.34	311	Brown et al. 2007	DD	unknown	extant	
Luperosaurus palawanensis	description	1978	1961	early	Brown and Alcala 1978	Oriental	Palawan	9.75	118.62	Nocturnal	Arboreal	Gekkonidae	Gekkota	0.50	616	GBIF, CAS	DD	unknown	extant	
Luperosaurus yasumai	specimen	1996	1994	recent	Ota et al. 1996	Oriental	Borneo: Kalimantan	-0.97	117.05	Nocturnal	NA	Gekkonidae	Gekkota	0.15	124	Ota et al. 1996	NA	NE	extant	
Lygodactylus blanci	locality	1967	2008	recent	Puente et al. 2009	Madagascar	Madagascar	-20.12	47.02	Diurnal	Saxicolous	Gekkonidae	Gekkota	0.16	237	Brown et al. 2014	VU	unknown	extant	
Lygodactylus expectatus	locality	1967	2016	recent	Frank Glaw, pers. obs.	Madagascar	Madagascar	-12.94	49.12	Diurnal	Arboreal&Saxicolous	Gekkonidae	Gekkota	-0.12	172	Brown et al. 2014	NT	stable	extant	
Lygodactylus grandisonae	locality	1962	1962	early	vertnet	Afrotropic	Kenya	4.25	40.81	NA	NA	Gekkonidae	Gekkota	-0.27	883	Spawls et al. 2002	DD	unknown	extant	
Lygodactylus inexpectatus	specimen	1965	1926	early	vertnet	Afrotropic	Tanzania	-6.60	38.77	Nocturnal	Arboreal&Terrestrial	Gekkonidae	Gekkota	-0.06	115	Spawls et al. 2002	DD	unknown	extant	
Lygodactylus insularis	locality (Small island)	1913	2015	recent	Sanchez-Pacheco et al. 2015	Afrotropic	Juan de Nova Island	-17.06	42.74	NA	NA	Gekkonidae	Gekkota	-0.34	616	The Reptile Database	NA	NE	extant	
Lygodactylus mirabilis	locality	1962	2006	recent	Chiari et al. 2009	Madagascar	Madagascar	-19.34	47.25	Diurnal	Saxicolous	Gekkonidae	Gekkota	-0.19	117	Brown et al. 2014	CR	unknown	extant	
Lygodactylus ornatus	locality	1965	1996	recent	vertnet	Madagascar	Madagascar	-15.83	48.83	Diurnal	Saxicolous	Gekkonidae	Gekkota	-0.26	369	Brown et al. 2014	EN	unknown	extant	
Lygodactylus pauliani	locality	1991	1996	recent	vertnet	Madagascar	Madagascar	-20.62	46.56	Diurnal	Saxicolous	Gekkonidae	Gekkota	0.05	135	Brown et al. 2014	DD	unknown	extant	
Lygodactylus regulus	locality	2013	2014	recent	Conradie et al. 2016	Afrotropic	Mozambique	-15.38	37.06	Diurnal	Arboreal&Saxicolous	Gekkonidae	Gekkota	0.20	633	Conradie et al. 2016	NA	NE	extant	
Lygodactylus williamsi	locality	1952	2009	recent	Flecks et al. 2012	Afrotropic	Tanzania	-6.99	37.81	Diurnal	Arboreal	Gekkonidae	Gekkota	-0.01	273	Flecks et al. 2012	CR	decreasing	extant	
Lygosoma boehmei	specimen	2007	2006	recent	Ziegler et al. 2007	Oriental	Vietnam	17.46	106.25	Nocturnal	Terrestrial	Scincidae	Scincoidea	1.12	551	Meiri 2016	NA	NE	extant	
Lygosoma singha	specimen	1950	1950 or earlier	early	Taylor 1950	Oriental	Sri Lanka	8.62	81.14	NA	NA	Scincidae	Scincoidea	0.18	87	Somaweera and Somaweera 2009	DD	unknown	extant	
Lygosoma veunsaiensis	specimen	2012	2010	recent	Geissler et al. 2012	Oriental	Cambodia	14.02	106.75	Diurnal	Terrestrial	Scincidae	Scincoidea	-0.20	647	Geissler et al. 2012	NA	NE	extant	
Mabuya berengerae	locality (Small island)	2006	2010	recent	Caicedo-Portilla 2014	Neotropic	Colombia (San Andres Island)	12.55	-81.71	Diurnal	Arboreal	Scincidae	Scincoidea	1.34	541	Caicedo-Portilla 2014	NA	NE	extant	
Mabuya cochonae	description	2012	1963	early	Hedges and Conn 2012	Neotropic	Guadeloupe: Îlet à Cochons	16.24	-61.52	Diurnal	Terrestrial	Scincidae	Scincoidea	1.30	25	Hedges and Conn 2012	NA	NE	extant	
Mabuya grandisterrae	description	2012	1920	early	Hedges and Conn 2012	Neotropic	Guadeloupe: Grande Terre	16.24	-61.51	NA	NA	Scincidae	Scincoidea	1.36	25	Hedges and Conn 2012	NA	NE	extinct	
Mabuya guadeloupae	description	2012	1892	early	Hedges and Conn 2012	Neotropic	Basse-Terre, Guadeloupe	16.18	-61.68	NA	NA	Scincidae	Scincoidea	1.41	67	Hedges and Conn 2012	NA	NE	extinct	
Mabuya hispaniolae	locality	2012	1937	early	Hedges and Conn 2012	Neotropic	Hispaniola: Dominican Republ	18.53	-69.86	NA	NA	Scincidae	Scincoidea	1.23	30	Hedges and Conn 2012	NA	NE	extinct	
Mabuya montserratae	description	2012	1970	recent	Hedges and Conn 2012	Neotropic	British West Indies: Montserra	16.73	-62.19	NA	NA	Scincidae	Scincoidea	1.30	260	Hedges and Conn 2012	NA	NE	extinct	
Mabuya parviterrae	description	2016	2015	recent	Hedges et al. 2016	Neotropic	Guadalupe: Terre de Bas	16.17	-61.12	Diurnal	Saxicolous	Scincidae	Scincoidea	1.37	113	Hedges et al. 2016	NA	NE	extant	
Mabuya pergravis	locality (Small island)	1921	2010	recent	Caicedo-Portilla 2014	Neotropic	Isla de Providencia	13.34	-81.38	Diurnal	Arboreal	Scincidae	Scincoidea	1.20	663	Caicedo-Portilla 2014	NA	NE	extant	
Macropholidus ataktolepis	description	1995	1991	recent	Cadle and Chuna 1995	Neotropic	Peru	-7.38	-78.78	Diurnal	Terrestrial	Gymnophthalmidae	Lacertoidea	0.22	207	Cadle and Chuna 1995	DD	unknown	extant	
Marinussaurus curupira	description	2011	2007	recent	Peloso et al. 2011	Neotropic	Brazil	-3.16	-60.29	NA	NA	Gymnophthalmidae	Lacertoidea	0.60	70	Peloso et al. 2011	NA	NE	extant	
Marisora magnacornae	specimen	2012	1928	early	Hedges and Conn 2012	Neotropic	Great Corn Island	12.17	-83.05	NA	NA	Scincidae	Scincoidea	0.97	NA	Meiri 2016	DD	unknown	extant	
Marmorosphax boulinda	description	2009	2002	recent	Sadlier et al. 2009	Oceania	New Caledonia	-21.28	165.14	NA	NA	Scincidae	Scincoidea	0.44	336	Sadlier et al. 2009a	VU	unknown	extant	
Marmorosphax kaala	description	2009	2002	recent	Sadlier et al. 2009	Oceania	New Caledonia	-20.63	164.39	NA	NA	Scincidae	Scincoidea	0.51	429	Sadlier et al. 2009a	CR	unknown	extant	
Mediodactylus ilamensis	description	2011	2011	recent	Fathinia et al. 2011	Palearctic	Iran	32.96	47.06	Nocturnal	NA	Gekkonidae	Gekkota	0.07	253	Fathinia et al. 2011	NA	NE	extant	
Mesalina ercolinii	specimen	1975	1968	recent	Lanza and Poggesi 1975	Afrotropic	Somalia	4.20	46.47	NA	NA	Lacertidae	Lacertoidea	0.83	395	Lanza and Poggesi 1975	NA	NE	extant	
Microlophus barringtonensis	locality (Small island)	1892	2012	recent	Omar Torres-Carvajal, pers. Obs.	Neotropic	Galapagos (Santa Fe)	-0.82	-90.60	Diurnal	Terrestrial	Tropiduridae	Pleurodonta	1.49	NA	Swash and Still 2005, Benavides et al.	NA	NE	extant	
Microlophus duncanensis	locality (Small island)	1890	21st century	recent	inferred from Benavides et al. 2009	Neotropic	Galapagos (Pinzón)	-1.35	-89.65	Diurnal	Terrestrial	Tropiduridae	Pleurodonta	1.55	1834	Benavides et al. 2009	NT	stable	extant	
Microlophus yanezi	locality	1980	2015	recent	IUCN	Neotropic	Chile	-18.46	-70.15	NA	NA	Tropiduridae	Pleurodonta	1.19	53	Ortiz-Zapata 1980	LC	stable	extant	
Mochlus simonettai	description	1979	1978	recent	Lanza 1979	Afrotropic	Somalia	2.10	45.20	Nocturnal	Terrestrial	Scincidae	Scincoidea	1.15	115	Lanza 1979, 1983, 1990	NA	NE	extant	
Monopeltis luandae	description	1973	1973	recent	Gans 1976	Afrotropic	Angola	-9.00	13.36	NA	Fossorial	Amphisbaenidae	Amphisbaenia	1.71	30	Gans 1976	NA	NE	extant	
Nactus acutus	specimen	2005	2004	recent	Kraus 2005	Oceania	Rossel Island	-11.36	154.22	Nocturnal	Terrestrial	Gekkonidae	Gekkota	0.07	1281	Kraus 2005	NA	NE	extant	
Nactus galgajuga	locality	1978	2008	recent	Atlas of living Australia	Australia	Australia	-15.66	145.23	Nocturnal	Saxicolous	Gekkonidae	Gekkota	0.45	402	Cogger 2000	NA	NE	extant	
Nannoscincus exos	locality	2000	2010	recent	vertnet	Oceania	New Caledonia	-20.65	164.86	NA	NA	Scincidae	Scincoidea	-0.06	494	Bauer and Sadlier 2000	CR	unknown	extant	
Nannoscincus garrulus	description	2006	2002	recent	Sadlier et al. 2006	Oceania	New Caledonia	-21.74	166.17	NA	NA	Scincidae	Scincoidea	0.42	167	Sadlier et al. 2006	EN	unknown	extant	
Nannoscincus hanchisteus	description	2000	2017	recent	Aaron Bauer, pers obs.	Oceania	New Caledonia	-21.33	164.96	NA	Fossorial	Scincidae	Scincoidea	-0.18	235	Bauer and Sadlier 2000	CR	unknown	extant	
Nannoscincus koniambo	description	2014	2009	recent	Sadlier et al. 2014b	Oceania	New Caledonia	-20.99	164.80	NA	Fossorial&Terrestrial	Scincidae	Scincoidea	-0.18	352	Sadlier et al. 2014b	NA	NE	extant	
Nannoscincus manautei	description	2004	2002	recent	Sadlier et al. 2004	Oceania	New Caledonia	-21.18	165.02	NA	Terrestrial	Scincidae	Scincoidea	-0.18	349	Sadlier et al. 2004	CR	unknown	extant	
Nessia deraniyagalai	specimen	1950	1944	early	Taylor 1950	Oriental	Sri Lanka	8.61	81.15	Cathemeral	NA	Scincidae	Scincoidea	0.17	121	Somaweera and Somaweera 2009	NA	NE	extant	
Nessia hickanala	locality	1940	21st century	recent	Somaweera and Somaweera 2009	Oriental	Sri Lanka	8.58	80.00	Cathemeral	Fossorial&Terrestrial	Scincidae	Scincoidea	0.73	265	Somaweera and Somaweera 2009	NA	NE	extant	
Niveoscincus palfreymani	locality (Small island)	1974	2001	recent	Atlas of living Australia	Australia	Australia: Pedra Branca islet of	-43.87	146.98	Diurnal	Fossorial&Terrestrial	Scincidae	Scincoidea	1.26	NA	Rawlinson 1974	VU	NA	extant	
Oedura jowalbinna	description	2008	2007	recent	Hoskin and Higgie 2008	Australia	Australia	-15.76	144.20	Nocturnal	Saxicolous	Diplodactylidae	Gekkota	0.82	355	Atlas of Living Australia, QM	NA	NE	extant	
Oligosoma awakopaka	specimen	2017	2014	recent	Jewell 2017	Oceania	New Zealand, South Island	-44.76	167.98	Diurnal	Saxicolous	Scincidae	Scincoidea	0.62	505	Jewell 2017	NA	NE	extant	
Oligosoma pikitanga	description	2008	2008	recent	Bell and Patterson 2008	Oceania	South Island	-44.64	167.81	Diurnal	Saxicolous	Scincidae	Scincoidea	1.22	556	Bell and Patterson 2008	NA	NE	extant	
Oligosoma tekakahu	description	2011	2008	recent	Chapple et al. 2011	Oceania	South Island	-46.05	166.52	Diurnal	Terrestrial	Scincidae	Scincoidea	1.00	583	Chapple et al. 2011	NA	NE	extant	
Ophiodes luciae	specimen	2015	1995	recent	Cacciali and Scott 2015	Neotropic	Paraguay	-23.89	-57.32	NA	NA	Anguidae	Diploglossa	1.13	324	Cacciali and Scott 2015	NA	NE	extant	
Ophiomorus chernovi	description	1966	1940	early	Anderson and Leviton 1966	Palearctic	Turkmenistan to Iran	35.96	61.12	nocturnal	Fossorial	Scincidae	Scincoidea	0.74	188	Anderson and Leviton 1966	NA	NE	extant	
Oreosaurus serranus	description	2017	2013	recent	Sanchez-Pacheco et al. 2017	Neotropic	Colombia	11.10	-74.01	NA	Cryptic	Gymnophthalmidae	Lacertoidea	0.92	392	Sanchez-Pacheco et al. 2017	NA	NE	extant	
Orraya occultus	locality	1993	2008	recent	Atlas of living Australia	Australia	Queensland	-13.76	143.32	Nocturnal	Saxicolous	Carphodactylidae	Gekkota	1.34	607	Atlas of Living Australia	DD	unknown	extant	

Pachydactylus boehmei	description	2010	2006	recent	Bauer 2010	Afrotropic	Namibia	-19.55	17.24	Nocturnal	Saxicolous	Gekkonidae	Gekkota	0.31	412	Bauer 2010	NA	NE	extant	
Pachydactylus etultra	description	2011	2007	recent	Branch et al. 2011	Afrotropic	Namibia	-24.78	15.89	Nocturnal	Saxicolous	Gekkonidae	Gekkota	0.31	972	Branch et al. 2011	NA	NE	extant	
Pachydactylus otaviensis	description	2006	2004	recent	Bauer et al. 2006	Afrotropic	Namibia	-19.38	17.74	NA	Saxicolous	Gekkonidae	Gekkota	0.27	412	Bauer et al. 2006f	NA	NE	extant	
Pachydactylus tsodiloensis	locality	1966	21st century	recent	Barts et al. 2001	Afrotropic	Botswana	-18.70	21.75	Nocturnal	Saxicolous	Gekkonidae	Gekkota	0.67	1358	ZSL, Monika Bohme	NT	unknown	extant	
Panaspis annobonensis	locality (Small island)	1972	2007	recent	Soares 2015	Afrotropic	Annobon Island	-1.43	5.62	NA	Terrestrial	Scincidae	Scincoidea	0.15	507	Olivier Pauwels	CR	unknown	extant	
Panaspis burgeoni	specimen	1933	1932	early	de Witte 1933	Afrotropic	Democratic Republic of the Co	-0.33	29.80	NA	NA	Scincidae	Scincoidea	0.54	127	de Witte 1933, RMCA, Danny Meirte	NA	NE	extant	
Panaspis duruarum	description	1949	1947	early	Monard 1949	Afrotropic	Cameroon	7.87	13.62	NA	NA	Scincidae	Scincoidea	0.21	63	Chirio and LeBreton 2007	NA	NE	extant	
Panaspis helleri	specimen	1932	1925	early	Loveridge 1932	Afrotropic	Democratic Republic of the Co	0.33	29.80	NA	NA	Scincidae	Scincoidea	0.66	196	ZSL, Monika Bohme	LC	unknown	extant	
Panaspis wilsoni	specimen	1914	1914	early	Werner 1914	Afrotropic	Sudan	10.63	30.38	Diurnal	NA	Scincidae	Scincoidea	-0.61	592	The Reptile Database	DD	unknown	extant	
Pantepuisaurus rodriguesi	specimen	2009	2007	recent	Kok 2009	Neotropic	Guyana	5.20	-60.59	Diurnal	Terrestrial	Gymnophthalmidae	Lacertoidea	0.65	968	Kok 2009	NA	NE	extant	
Papuascincus buergersi	description	1932	1913	early	Vogt 1932	Oceania	Papua New Guinea	NA	NA	NA	NA	Scincidae	Scincoidea	0.62	NA	not mapped	NA	NE	extant	
Papuascincus phaeodes	specimen	1932	1913	early	Vogt 1932	Oceania	Papua New Guinea	NA	NA	NA	NA	Scincidae	Scincoidea	0.21	NA	not mapped	DD	unknown	extant	
Paracontias ampijoroensis	description	2016	2012	recent	Miralles et al. 2016	Madagascar	Madagascar	-16.32	46.81	NA	Terrestrial	Scincidae	Scincoidea	-0.07	232	Miralles et al. 2016	NA	NE	extant	
Paracontias fasika	specimen	2010	2007	recent	Kohler et al. 2010	Madagascar	Madagascar	-12.27	49.39	NA	Terrestrial	Scincidae	Scincoidea	-0.70	130	Brown et al. 2014	CR	decreasing	extant	
Paracontias kankana	specimen	2009	2008	recent	Kohler et al. 2009	Madagascar	Madagascar	-17.30	48.70	NA	Fossorial	Scincidae	Scincoidea	-0.13	205	Kohler et al. 2009, IUCN	VU	decreasing	extant	the species may have been collected twice, but the identity of the 2nd alleged specimen is unclear; Miralles et a. 2016
Paracontias mahamavo	description	2016	2013	recent	Miralles et al. 2016	Madagascar	Madagascar	-15.49	46.65	NA	NA	Scincidae	Scincoidea	-0.09	126	Miralles et al. 2016	NA	NE	extant	
Paracontias manify	specimen	2002	2001	recent	Andreone and Greer 2002	Madagascar	Madagascar	-14.04	48.78	NA	NA	Scincidae	Scincoidea	NA	1799	Andreone and Greer 2002	DD	unknown	extant	the IUCN report two specimens - but give no extra details
Paracontias rothschildi	locality	1905	2007	recent	Kohler et al. 2010	Madagascar	Madagascar	-12.30	49.40	Diurnal	Fossorial	Scincidae	Scincoidea	-0.20	130	Kohler et al. 2010	CR	unknown	extant	
Paracontias tsararano	specimen	2002	1996	recent	Andreone and Greer 2002	Madagascar	Madagascar	-14.91	49.69	Nocturnal	Terrestrial	Scincidae	Scincoidea	-0.02	1674	Andreone and Greer 2002	DD	unknown	extant	
Paracontias vermisaurus	description	2011	2009	recent	Miralles et al. 2011	Madagascar	Madagascar	-15.43	49.12	NA	Fossorial&Terrestrial	Scincidae	Scincoidea	-0.11	987	Brown et al. 2014	DD	unknown	extant	
Paragehyra austini	description	2014	2005	recent	Crottini et al. 2015	Madagascar	Madagascar	-24.54	46.69	Cathemeral	Saxicolous	Gekkonidae	Gekkota	0.67	544	Crottini et al. 2015	NA	NE	extant	
Paragehyra felicitae	locality	2014	2014	recent	Frank Glaw, pers. obs.	Madagascar	Madagascar	-21.85	46.84	Cathemeral	Saxicolous	Gekkonidae	Gekkota	0.79	90	Crottini et al. 2015	NA	NE	extant	
Paralipinia rara	specimen	1997	1995	recent	Darevsky and Orlov 1997	Oriental	Vietnam	14.33	108.60	Diurnal	Arboreal	Scincidae	Scincoidea	0.93	306	Darevsky and Orlov 1997	NA	NE	extant	
Paroedura hordiesi	locality	2014	2016	recent	Frank Glaw, pers. obs.	Madagascar	Madagascar	-12.32	49.34	Nocturnal	Saxicolous	Gekkonidae	Gekkota	0.63	130	Glaw et al. 2014	NA	NE	extant	
Parsigecko ziaiei	description	2016	2015	recent	Safaei-Mahroo et al. 2016	Palearctic	Iran	27.86	56.31	Nocturnal	Terrestrial	Gekkonidae	Gekkota	0.15	483	Safaei-Mahroo et al. 2016	NA	NE	extant	
Parvoscincus agtorum	specimen	2013	2009	recent	Linkem and Brown 2013	Oriental	Luzon	15.65	121.51	NA	Terrestrial	Scincidae	Scincoidea	0.21	439	Linkem and Brown 2013	NA	NE	extant	
Parvoscincus banahaoensis	description	2013	2001	recent	Linkem and Brown 2013	Oriental	Luzon	14.06	121.51	NA	Terrestrial	Scincidae	Scincoidea	0.22	171	Linkem and Brown 2013	NA	NE	extant	
Parvoscincus duwendorum	specimen	2014	2011	recent	Siler et al. 2014	Oriental	Luzon	18.44	120.88	Diurnal	Semi Aquatic	Scincidae	Scincoidea	NA	562	Meiri 2016	NA	NE	extant	
Parvoscincus igorotorum	description	2010	2001	recent	Brown et al. 2010b	Oriental	Luzon	17.44	121.08	NA	Fossorial&Terrestrial	Scincidae	Scincoidea	0.56	512	Brown et al. 2010b	NA	NE	extant	
Parvoscincus palaliensis	description	2013	2007	recent	Linkem and Brown 2013	Oriental	Luzon	16.44	121.22	NA	Terrestrial	Scincidae	Scincoidea	0.02	235	Linkem and Brown 2013	NA	NE	extant	
Parvoscincus palawanensis	description	1961	1961	early	Brown and Alcala 1961	Oriental	Palawan	9.64	118.58	NA	Fossorial&Terrestrial	Scincidae	Scincoidea	-0.14	616	GBIF, CAS	DD	unknown	extant	
Parvoscincus sisoni	description	1997	1992	recent	Ferner et al. 1997	Oriental	Panay Island	11.39	122.15	Diurnal	Fossorial&Terrestrial	Scincidae	Scincoidea	-0.08	508	Ferner et al. 1997	VU	stable	extant	
Petracola angustisoma	specimen	2015	2007	recent	Echevarria and Venegas 2015	Neotropic	Peru	-6.04	-77.89	NA	Terrestrial	Gymnophthalmidae	Lacertoidea	0.24	364	Echevarria and Venegas 2015	NA	NE	extant	
Petracola labioocularis	description	2004	1998	recent	Kohler and Lehr 2004	Neotropic	Peru	-9.83	-75.89	NA	NA	Gymnophthalmidae	Lacertoidea	0.81	1246	IUCN	DD	unknown	extant	
Phaeoscincus ouinensis	specimen	2014	2003	recent	Sadlier et al. 2014d	Oceania	New Caledonia	-22.00	166.47	NA	Terrestrial	Scincidae	Scincoidea	NA	547	Sadlier et al. 2014d	NA	NE	extant	
Phaeoscincus taomensis	specimen	2014	2002	recent	Sadlier et al. 2014d	Oceania	New Caledonia	-20.78	164.58	NA	NA	Scincidae	Scincoidea	0.64	367	Sadlier et al. 2014d	NA	NE	extant	
Phelsuma edwardnewtoni	locality	1884	1917	early	Austin et al. 2004	Afrotropic	Rodrigues Island	-19.71	63.42	Diurnal	Arboreal	Gekkonidae	Gekkota	1.37	1122	Austin et al. 2004	NA	NE	extinct	
Phelsuma gouldi	specimen	2011	2009	recent	Crottini et al. 2011	Madagascar	Madagascar	-21.85	46.84	Diurnal	Arboreal	Gekkonidae	Gekkota	0.33	90	Crottini et al. 2011	DD	unknown	extant	
Phelsuma kely	description	2004	2000	recent	Schonecker et al. 2004	Madagascar	Madagascar	-18.60	49.25	Diurnal	Arboreal	Gekkonidae	Gekkota	-0.05	101	Brown et al. 2014	DD	NA	extant	
Phelsuma roesleri	locality	2010	2016	recent	Frank Glaw, pers. obs.	Madagascar	Madagascar	-12.96	49.15	Diurnal	Arboreal	Gekkonidae	Gekkota	0.12	194	Glaw et al. 2010	EN	unknown	extant	
Pholidobolus hillisi	description	2014	2012	recent	Torres-Carvajal et al. 2014	Neotropic	Ecuador	-3.97	-79.08	Diurnal	Terrestrial	Gymnophthalmidae	Lacertoidea	0.59	162	Torres-Carvajal et al. 2014, Echevarria	NA	NE	extant	
Pholidoscelis atrata	locality (Small island)	1887	2012	recent	Bell and Daltry 2012	Neotropic	Redonda Island	16.93	-62.35	Diurnal	Terrestrial	Teiidae	Lacertoidea	2.02	NA	vertnet	NA	NE	extant	
Pholidoscelis corax	locality (Small island)	1992	2009	recent	Eifler and Eifler 2014	Neotropic	Anguilla: Little Scrub Island	18.31	-62.96	Diurnal	Arboreal&Terrestrial	Teiidae	Lacertoidea	1.85	495	Eifler and Eifler 2014, Garrison et al. 2	VU	unknown	extant	
Pholidoscelis corvina	locality (Small island)	1861	1997	recent	vertnet	Neotropic	Anguilla: Sombrero island	18.60	-63.43	Diurnal	Terrestrial	Teiidae	Lacertoidea	1.86	NA	Lazell 1964	VU	stable	extant	
Phrynocephalus lutensis	description	2015	2014	recent	Kamali and Anderson 2015	Palearctic	Iran	30.45	59.35	Diurnal	Terrestrial	Agamidae	Acrodontia	1.14	1763	Kamali and Anderson 2015	NA	NE	extant	
Phyllodactylus barringtonensis	locality (Small island)	1912	21st century	recent	IUCN	Neotropic	Galapagos (Barrington)	-0.82	-90.05	Nocturnal	Terrestrial	Phyllodactylidae	Gekkota	0.27	1731	Swash and Still 2005	LC	unknown	extant	
Phyllodactylus bugastrolepis	locality (Small island)	1966	2001	recent	Grismer 2002	Nearctic	Isla Santa Catalina	25.63	-110.79	Nocturnal	Arboreal&Saxicolous&Terrestrial	Phyllodactylidae	Gekkota	0.82	312	vertnet	LC	stable	extant	
Phyllodactylus duncanensis	locality (Small island)	1912	2012	recent	Omar Torres-Carvajal, pers. Obs.	Neotropic	Galapagos (Pinzón)	-0.61	-90.67	Nocturnal	NA	Phyllodactylidae	Gekkota	0.14	1851	Torres-Carvajal et al. 2014	NA	NE	extant	
Phyllodactylus gilberti	locality (Small island)	1903	1974	recent	vertnet	Neotropic	Galapagos (Wenman)	1.38	-91.82	Nocturnal	Saxicolous	Phyllodactylidae	Gekkota	0.65	NA	Swash and Still 2005	NA	NE	extant	
Phyllodactylus papenfussi	description	2009	2001	recent	Murphy et al. 2009	Neotropic	Mexico	17.80	-99.57	NA	NA	Phyllodactylidae	Gekkota	0.12	76	Murphy et al. 2009	NA	NE	extant	
Phyllodactylus partidus	locality (Small island)	1966	2001	recent	Grismer 2002	Nearctic	Island Partida Norte	28.89	-113.04	Nocturnal	Saxicolous	Phyllodactylidae	Gekkota	0.90	358	vertnet	LC	stable	extant	
Phyllodactylus transversalis	locality (Small island)	1975	2009	recent	Lopez-Victoria et al. 2013	Neotropic	Colombia (Malpelo Island)	3.98	-81.60	Nocturnal	Arboreal&Saxicolous	Phyllodactylidae	Gekkota	1.07	NA	The Reptile Database	LC	stable	extant	
Phyllurus amnicola	locality	2000	1998	recent	Atlas of living Australia	Australia	Australia	-19.48	146.99	Nocturnal	Arboreal&Saxicolous	Carphodactylidae	Gekkota	1.39	464	Atlas of Living Australia	NA	NE	extant	
Phyllurus gulbaru	locality	2003	2010	recent	Atlas of living Australia	Australia	Australia	-19.31	146.48	Nocturnal	Arboreal&Saxicolous	Carphodactylidae	Gekkota	1.19	274	Atlas of Living Australia	CR	unknown	extant	
Phyllurus isis	locality	1993	21st century	recent	Patrick Couper, Stewart McDonald, pers. comm	Australia	Australia	-21.01	148.95	Nocturnal	Saxicolous&Terrestrial	Carphodactylidae	Gekkota	1.26	319	Atlas of Living Australia	NA	NE	extant	
Phyllurus kabikabi	description	2008	1997	recent	Couper et al. 2008	Australia	Australia	-26.14	152.31	Nocturnal	Saxicolous	Carphodactylidae	Gekkota	1.05	213	Atlas of Living Australia	NA	NE	extant	
Phymaturus aguanegra	description	2013	2007	recent	Lobo et al. 2013	Neotropic	Argentina	-30.38	-69.57	Diurnal	Arboreal&Saxicolous	Liolaemidae	Pleurodonta	1.58	367	IUCN	LC	unknown	extant	
Phymaturus aguedae	description	2014	2012	recent	Troncoso-Palacios and Esquerre 2014	Neotropic	Chile	-33.42	-70.43	Diurnal	Saxicolous	Liolaemidae	Pleurodonta	1.52	54	Troncoso-Palacios and Esquerre 2014	NA	NE	extant	
Phymaturus alicahuense	description	2010	2005	recent	Nunez et al. 2010	Neotropic	Chile	-32.26	-70.48	Diurnal	Saxicolous	Liolaemidae	Pleurodonta	1.68	825	Daniel Pincheira-Donoso	NA	NE	extant	
Phymaturus cacivioi	description	2015	21st century	recent	Lobo and Nenda 2015	Neotropic	Argentina	-40.51	-69.71	NA	NA	Liolaemidae	Pleurodonta	1.59	215	Lobo and Nenda 2015	NA	NE	extant	
Phymaturus castillensis	description	2010	2008	recent	Scolaro and Pincheira-Donoso 2010	Neotropic	Argentina	-45.13	-69.18	Diurnal	Saxicolous&Terrestrial	Liolaemidae	Pleurodonta	1.52	315	Corbalan et al. 2016	LC	stable	extant	
Phymaturus curivilcun	description	2016	2014	recent	Scolaro et al. 2016	Neotropic	Argentina	-42.45	-70.05	Diurnal	Saxicolous	Liolaemidae	Pleurodonta	1.57	499	Scolaro et al. 2016	NA	NE	extant	
Phymaturus delheyi	description	2011	21st century	recent	Avila et al. 2011	Neotropic	Argentina	-36.98	-69.98	Diurnal	Saxicolous	Liolaemidae	Pleurodonta	1.53	398	Avila et al. 2011	LC	unknown	extant	
Phymaturus denotatus	locality	2012	2012	recent	IUCN	Neotropic	Argentina	-26.57	-66.96	Diurnal	Saxicolous	Liolaemidae	Pleurodonta	1.77	470	Daniel Pincheira-Donoso	LC	stable	extant	
Phymaturus desuetus	specimen	2009	2006	recent	Scolaro and Tappari 2009	Neotropic	Argentina	-41.34	-69.55	NA	Saxicolous&Terrestrial	Liolaemidae	Pleurodonta	1.14	262	Daniel Pincheira-Donoso	DD	unknown	extant	
Phymaturus extrilidus	locality	2012	2014	recent	Ramallo et al. 2017	Neotropic	Argentina	-30.95	-69.09	Diurnal	Saxicolous	Liolaemidae	Pleurodonta	1.66	903	Daniel Pincheira-Donoso	LC	stable	extant	
Phymaturus rahuensis	description	2016	21st century	recent	Marin et al. 2016	Neotropic	Argentina	-39.39	-70.73	Diurnal	Saxicolous	Liolaemidae	Pleurodonta	1.53	304	Marin et al. 2016	NA	NE	extant	
Phymaturus sitesi	locality	2011	2015	recent	inaturalist	Neotropic	Argentina	-37.72	-68.89	Diurnal	Saxicolous	Liolaemidae	Pleurodonta	1.49	575	Avila et al. 2011	LC	stable	extant	
Phymaturus tromen	description	2015	2014	recent	vertnet	Neotropic	Argentina	-37.18	-70.17	NA	NA	Liolaemidae	Pleurodonta	1.68	342	Lobo and Nenda 2015	NA	NE	extant	
Phymaturus williamsi	description	2013	2008	recent	Lobo et al. 2013	Neotropic	Argentina	-31.19	-69.70	Diurnal	Arboreal&Saxicolous	Liolaemidae	Pleurodonta	1.67	1041	IUCN	LC	stable	extant	
Phymaturus yachanana	description	2014	2011	recent	Avila et al. 2014	Neotropic	Argentina	-41.61	-65.35	Diurnal	Saxicolous	Liolaemidae	Pleurodonta	1.52	NA	Avila et al. 2014	LC	unknown	extant	
Plestiodon kuchinoshimensis	description	2014	2011	recent	Kurita and Hikida 2014	Oriental	Japan: Kuchinoshima Island	29.99	129.92	Diurnal	Terrestrial	Scincidae	Scincoidea	1.12	344	Kurita and Hikida 2014	NA	NE	extant	
Plestiodon nietoi	description	2012	2007	recent	Feria-Ortiz and García-Vazquez 2012	Neotropic	Mexico	17.61	-100.55	NA	NA	Scincidae	Scincoidea	0.97	906	Feria-Ortiz and García-Vazquez 2012	NA	NE	extant	
Plestiodon popei	description	1989	1926	early	Hikida 1989	Oriental	China	27.76	118.04	Diurnal	Terrestrial	Scincidae	Scincoidea	NA	172	Huang Yong, Wang Hongfu, Wang Yu	NA	NE	extant	
Plica kathleenae	specimen	2013	1938	early	Murphy and Jowers 2013	Neotropic	Guyana	1.70	-57.92	Diurnal	Arboreal	Tropiduridae	Pleurodonta	1.81	1665	Murphy and Jowers 2013	NA	NE	extant	may be a synonym of P. plica (Marinus Hoogmoed, pers. observation)
Plica lumaria	description	1991	1990	recent	Donnelly and Myers 1991	Neotropic	Venezuela	5.77	-63.55	Diurnal	Saxicolous	Tropiduridae	Pleurodonta	1.55	1606	GBIF.org	LC	unknown	extant	
Plica pansticta	description	2001	1995	recent	Myers and Donnelly 2001	Neotropic	Venezuela	5.67	-66.15	Diurnal	NA	Tropiduridae	Pleurodonta	1.76	6373	IUCN	LC	stable	extant	
Potamites ocellatus	specimen	1930	1921	early	Vanzolini 1995b, Sinitsin 1930	Neotropic	Bolivia	-14.47	-67.57	NA	Semi Aquatic	Gymnophthalmidae	Lacertoidea	1.03	393	Camacho et al. 2016, Vanzolini 1995b	NA	NE	extant	
Prasinohaema parkeri	specimen	1937	1913	early	Smith 1937	Oceania	New Guinea	NA	NA	NA	NA	Scincidae	Scincoidea	0.44	NA	not mapped	NA	NE	extant	
Pristurus insignoides	locality	1986	2007	recent	Razzetti et al. 2011	Afrotropic	Socotra	12.56	54.01	Diurnal	Arboreal&Saxicolous	Sphaerodactylidae	Gekkota	0.56	1320	Razzetti et al. 2011	LC	unknown	extant	
Pristurus mazbah	description	1989	1989	recent	Al-Safadi 1989	Afrotropic	Yemen	15.35	44.17	Diurnal	Terrestrial	Sphaerodactylidae	Gekkota	0.17	286	Al-Safadi 1989	DD	unknown	extant	
Pristurus schneideri	description	2008	2004	recent	Rosler et al. 2008	Palearctic	Hanish al-Kabir Island	13.77	42.77	Diurnal	Saxicolous	Sphaerodactylidae	Gekkota	-0.29	184	Rosler et al. 2008	LC	unknown	extant	
Proablepharus barrylyoni	description	2010	1981	recent	Couper et al. 2010	Australia	Australia	-18.03	144.40	NA	Terrestrial	Scincidae	Scincoidea	0.39	259	Couper et al. 2010	NA	NE	extant	
Proctoporus cephalolineatus	specimen	1995	1985	recent	Garcia-Perez and Yustiz 1995	Neotropic	Venezuela	9.75	-69.62	NA	NA	Gymnophthalmidae	Lacertoidea	0.45	76	Garcia-Perez and Yustiz 1995	EN	decreasing	extant	
Proctoporus machupicchu	description	2015	2013	recent	Mamani et al. 2015	Neotropic	Peru	-13.22	-72.55	NA	Fossorial&Terrestrial	Gymnophthalmidae	Lacertoidea	0.33	637	Mamani et al. 2015	NA	NE	extant	
Proctoporus oreades	description	2011	2010	recent	Chavez et al. 2011	Neotropic	Peru	-10.34	-75.64	Diurnal	Terrestrial	Gymnophthalmidae	Lacertoidea	0.72	952	Chavez et al. 2011	NA	NE	extant	
Proscelotes aenea	description	1928	1918	early	Barbour and Loveridge 1928	Afrotropic	Mozambique	-15.04	40.64	NA	Fossorial	Scincidae	Scincoidea	0.23	122	Barbour and Loveridge 1928	NA	NE	extant	
Pseuderemias savagei	description	1965	1961	early	Gans 1965	Afrotropic	Somalia	11.46	49.88	NA	NA	Lacertidae	Lacertoidea	0.47	715	Gans et al. 1965	NA	NE	extant	
Pseudoacontias madagascariensis	specimen	1889	1889 or earlier	early	inferred from date of description	Madagascar	Madagascar	NA	NA	NA	NA	Scincidae	Scincoidea	1.09	NA	not mapped	DD	unknown	extant	type lost in a fire of the museum in Lisbon in 1978
Pseudoacontias menamainty	specimen	2002	2000	recent	Andreone and Greer 2002	Madagascar	Madagascar	-14.31	47.92	NA	NA	Scincidae	Scincoidea	1.20	363	Andreone and Greer 2002	CR	unknown	extant	
Pseudoacontias unicolor	specimen	2003	2000	recent	Sakata and Hikida 2003	Madagascar	Madagascar: Nosy Be	-13.41	48.30	NA	Terrestrial	Scincidae	Scincoidea	1.22	401	Brown et al. 2014	VU	decreasing	extant	
Pseudocalotes baliomus	description	2017	2013	recent	Harvey et al. 2017	Oriental	Indonesia, Sumatra	-2.04	101.31	Diurnal	Arboreal	Agamidae	Acrodontia	1.00	508	Harvey et al. 2017	NA	NE	extant	
Pseudocalotes drogon	specimen	2016	2015	recent	Grismer et al. 2016	Oriental	Peninsular Malaysia	3.72	101.72	NA	NA	Agamidae	Acrodontia	1.40	457	Grismer et al. 2016b	NA	NE	extant	
Pseudocalotes flavigula	locality	1924	21st century	recent	Grismer et al. 2016	Oriental	Peninsular Malaysia	4.19	101.54	Diurnal	Arboreal	Agamidae	Acrodontia	1.23	1490	Grismer L. pers. comm.	NA	NE	extant	
Pseudocalotes larutensis	locality	2001	21st century	recent	Grismer 2011	Oriental	Peninsular Malaysia	4.87	100.86	Diurnal	Arboreal	Agamidae	Acrodontia	1.18	171	Grismer L. pers. comm.	NA	NE	extant	
Pseudocalotes rhaegal	description	2016	2015	recent	Grismer et al. 2016	Oriental	Peninsular Malaysia	4.72	101.39	NA	NA	Agamidae	Acrodontia	1.31	1102	Grismer et al. 2016b	NA	NE	extant	
Pseudocalotes rhammanotus	specimen	2014	2013	recent	Harvey et al. 2014	Oriental	Sumatra	-4.94	103.85	Diurnal	Arboreal	Agamidae	Acrodontia	1.00	488	Harvey et al. 2014	NA	NE	extant	
Pseudocalotes saravacensis	specimen	1994	1993	recent	Inger and Stuebing 1994	Oriental	Borneo: Sarawak	1.42	112.00	Diurnal	Arboreal	Agamidae	Acrodontia	1.26	5182	Inger and Stuebing 1994	NA	NE	extant	
Pseudocalotes viserion	description	2016	2015	recent	Grismer et al. 2016	Oriental	Peninsular Malaysia	3.44	101.79	Diurnal	Terrestrial	Agamidae	Acrodontia	1.21	594	Grismer et al. 2016b	NA	NE	extant	
Pseudocophotis kontumensis	description	2007	2006	recent	Ananjeva et al. 2007	Oriental	Vietnam	14.69	108.32	Diurnal	Arboreal	Agamidae	Acrodontia	1.35	242	Ananjeva et al. 2007	NA	NE	extant	
Pseudogonatodes gasconi	specimen	2000	1992	recent	Avila-Pires and Hoogmoed 2000	Neotropic	Brazil	-8.67	-72.77	Diurnal	Arboreal	Sphaerodactylidae	Gekkota	-0.46	1258	Avila-Pires and Hoogmoed 2000	NA	NE	extant	
Ptychoglossus eurylepis	specimen	1985	1984	recent	IUCN	Neotropic	Colombia	2.62	-76.90	Diurnal	Terrestrial	Gymnophthalmidae	Lacertoidea	0.15	300	Harris 1994	NT	unknown	extant	
Ptychoglossus grandisquamatus	specimen	1985	1981	recent	Harris 1994	Neotropic	Colombia	6.70	-76.45	NA	NA	Gymnophthalmidae	Lacertoidea	0.31	846	Harris 1994	NA	NE	extant	
Ptychoglossus romaleos	description	1994	1980	recent	Harris 1994	Neotropic	Colombia	10.87	-74.00	Diurnal	Terrestrial	Gymnophthalmidae	Lacertoidea	0.54	1159	Fernando-Castro Herrera	DD	unknown	extant	
Ptychozoon bannaense	description	2016	2015	recent	Wang et al. 2016b	Oriental	China	22.08	100.88	Nocturnal	Arboreal	Gekkonidae	Gekkota	1.12	226	Wang et al. 2016b	NA	NE	extant	
Ptychozoon kaengkrachanense	description	2012	2012	recent	Sumontha et al. 2012	Oriental	Thailand	12.84	99.40	Nocturnal	Arboreal	Gekkonidae	Gekkota	1.10	1176	Sumontha et al. 2012b	NA	NE	extant	
Ptyodactylus homolepis	specimen	1876	1876 or earlier	early	inferred from date of description	Palearctic	Pakistan	30.21	69.89	Nocturnal	Saxicolous	Phyllodactylidae	Gekkota	1.53	164	Khan 2006	NA	NE	extant	
Pygmaeascincus sadlieri	locality (Small island)	1991	2013	recent	Atlas of Living Australia	Australia	Australia: Magnetic Island, Qu	-19.13	146.83	Diurnal	Terrestrial	Scincidae	Scincoidea	-0.36	102	Greer 1991	NA	NE	extant	
Rhampholeon acuminatus	description	2006	2000	recent	Mariaux and Tilbury 2006	Afrotropic	Tanzania	-6.04	37.51	NA	Arboreal	Chamaeleonidae	Acrodontia	0.71	799	Mariaux and Tilbury 2006	CR	unknown	extant	
Rhampholeon beraduccii	description	2006	2001	recent	Mariaux and Tilbury 2006	Afrotropic	Tanzania	-8.97	36.69	NA	Arboreal	Chamaeleonidae	Acrodontia	-0.12	462	Mariaux and Tilbury 2006	VU	unknown	extant	
Rhampholeon bruessoworum	description	2014	2009	recent	Branch et al. 2014	Afrotropic	Mozambique	-15.08	37.39	NA	NA	Chamaeleonidae	Acrodontia	0.50	564	Branch et al. 2014	CR	decreasing	extant	
Rhampholeon hattinghi	description	2015	2010	recent	Tilbury and Tolley 2015	Afrotropic	Democratic Republic of the Co	-6.85	29.60	NA	Arboreal	Chamaeleonidae	Acrodontia	0.69	351	Tilbury and Tolley 2015	CR	decreasing	extant	

Rhampholeon maspictus	description	2014	2009	recent	Branch et al. 2014	Afrotropic	Mozambique	-16.29	36.40	Diurnal	Arboreal	Chamaeleonidae	Acrodontia	0.88	737	Branch et al. 2014	NT	stable	extant	
Rhampholeon nebulauctor	description	2014	2008	recent	Branch et al. 2014	Afrotropic	Mozambique	-16.51	35.73	NA	NA	Chamaeleonidae	Acrodontia	0.53	762	Branch et al. 2014	VU	unknown	extant	
Rhampholeon tilburyi	description	2014	2007	recent	Branch et al. 2014	Afrotropic	Mozambique	-15.41	37.03	Diurnal	Arboreal	Chamaeleonidae	Acrodontia	0.94	633	Branch et al. 2014	CR	decreasing	extant	
Riama afrania	description	2010	1989	recent	Arredondo and Sanchez-Pacheco 2010	Neotropic	Colombia	6.38	-76.07	Diurnal	Fossorial&Terrestrial	Gymnophthalmidae	Lacertoidea	1.19	89	Arredondo and Sanchez-Pacheco 2010	DD	unknown	extant	
Riama inanis	description	2003	1983	recent	Doan and Schargel 2003	Neotropic	Venezuela	9.38	-69.87	NA	NA	Gymnophthalmidae	Lacertoidea	0.47	252	Doan and Schargel 2003	DD	unknown	extant	
Riama rhodogaster	description	2005	2002	recent	Rivas et al. 2005	Neotropic	Venezuela	10.71	-62.46	NA	NA	Gymnophthalmidae	Lacertoidea	0.35	307	Rivas et al. 2005	NA	NE	extant	
Riama stellae	description	2010	1986	recent	Sanchez-Pacheco 2010	Neotropic	Colombia	1.14	-77.98	Diurnal	Terrestrial	Gymnophthalmidae	Lacertoidea	0.43	537	Sanchez-Pacheco 2010	DD	unknown	extant	
Riama yumborum	description	2014	2010	recent	Aguirre-Penafiel et al. 2014	Neotropic	Ecuador	0.12	-78.60	NA	Terrestrial	Gymnophthalmidae	Lacertoidea	0.67	135	Aguirre-Penafiel et al. 2014	NA	NE	extant	
Riolama inopinata	description	2015	2012	recent	Kok 2015	Neotropic	Venezuela	5.87	-62.07	Diurnal	Terrestrial	Gymnophthalmidae	Lacertoidea	0.21	1860	Kok 2015	NA	NE	extant	
Riolama luridiventris	description	2004	1992	recent	Esqueda et al. 2004	Neotropic	Venezuela	3.77	-65.48	Diurnal	NA	Gymnophthalmidae	Lacertoidea	0.17	7300	Esqueda et al. 2004	LC	stable	extant	
Riolama uzzelli	description	2003	1992	recent	Molina and Senaris 2003	Neotropic	Venezuela	3.66	-65.45	NA	NA	Gymnophthalmidae	Lacertoidea	0.14	7155	IUCN	LC	stable	extant	
Salea gularis	specimen	1854	1854 or earlier	early	inferred from date of description	Oriental	India	NA	NA	Diurnal	NA	Agamidae	Acrodontia	1.78	NA	not mapped	NA	NE	extant	
Saltuarius eximius	description	2013	2013	recent	Hoskin and Couper 2013	Australia	Australia	-14.28	144.49	Nocturnal	Saxicolous	Carphodactylidae	Gekkota	1.45	599	Hoskin and Couper 2013	NA	NE	extant	
Saltuarius kateae	description	2008	2004	recent	Couper et al. 2008	Australia	Australia	-29.18	152.80	Nocturnal	Saxicolous	Carphodactylidae	Gekkota	1.36	549	Couper et al. 2008b	NA	NE	extant	
Saproscincus saltus	locality	2013	after 2013	recent	Conrad Hoskin, pers. comm.	Australia	Australia	-14.28	144.49	Diurnal	Saxicolous	Scincidae	Scincoidea	0.15	826	Atlas of Living Australia, QM	NA	NE	extant	
Sarada superba	description	2016	2014	recent	Deepak et al. 2016	Oriental	India	17.58	73.82	Diurnal	Terrestrial	Agamidae	Acrodontia	1.15	316	Deepak et al. 2016a	NA	NE	extant	
Sauromalus klauberi	locality (Small island)	1941	2001	recent	Grismer 2002	Nearctic	Santa Catalina Island	25.65	-110.79	Diurnal	Saxicolous	Iguanidae	Pleurodonta	2.50	312	vertnet	NA	NE	extant	
Sceloporus lineatulus	locality (Small island)	1919	2001	recent	Grismer 2002	Nearctic	Isla Santa Catalina	25.65	-110.79	NA	Terrestrial	Phrynosomatidae	Pleurodonta	1.66	312	vertnet	LC	stable	extant	
Scelotes duttoni	description	1990	1990	recent	Broadley 1990	Afrotropic	Benguerua Island, Mozambique	-21.86	35.41	NA	Fossorial&Terrestrial	Scincidae	Scincoidea	0.26	356	Downs and Wirminghaus 1997	NA	NE	extant	
Scelotes guentheri	specimen	1887	1887 or earlier	early	inferred from date of description	Afrotropic	South Africa	-29.86	31.00	NA	NA	Scincidae	Scincoidea	0.74	62	Bates et al. 2014	VU	NA	extant	
Scelotes poensis	description	1895	1895 or earlier	early	inferred from date of description	Afrotropic	Bioko	3.59	8.76	NA	NA	Scincidae	Scincoidea	0.14	223	Olivier Pauwels	NA	NE	extant	
Scincella darevskii	specimen	2010	2002	recent	Nguyen et al. 2010	Oriental	Vietnam	21.57	103.48	Diurnal	Terrestrial	Scincidae	Scincoidea	1.16	405	Nguyen et al. 2010	NA	NE	extant	
Scincella inconspicua	specimen	1894	1894 or earlier	early	inferred from date of description	Oceania	Sulawesi	0.50	123.68	NA	NA	Scincidae	Scincoidea	0.52	895	The Reptile Database	NA	NE	extant	
Scincella macrotis	specimen	1867	1867 or earlier	early	inferred from date of description	Oriental	Great Nicobar Island	6.97	93.82	NA	NA	Scincidae	Scincoidea	-0.67	465	Indraneil Das	NA	NE	extant	
Scincella przewalskii	specimen	1912	1880	early	Bedriaga 1912	Palearctic	China	35.80	102.20	Diurnal	Terrestrial	Scincidae	Scincoidea	0.15	1026	Yuezhao Wang	NA	NE	extant	
Sigaloseps balios	description	2014	2009	recent	Sadlier et al. 2014c	Oceania	New Caledonia	-21.88	166.41	NA	NA	Scincidae	Scincoidea	0.36	380	Sadlier et al. 2014c	NA	NE	extant	
Sitana fusca	description	1998	1996	recent	Schleich and Kastle 2002	Oriental	Nepal	26.99	85.90	Diurnal	Terrestrial	Agamidae	Acrodontia	0.53	97	Schleich and Kastle 1998	NA	NE	extant	
Sitana schleichi	description	2002	2001	recent	Schleich and Kastle 2002	Oriental	Nepal	28.79	80.22	Diurnal	Terrestrial	Agamidae	Acrodontia	0.27	150	Schleich and Kastle 2002	NA	NE	extant	
Sphaerodactylus becki	locality (Small island)	1919	1998	recent	vertnet	Neotropic	Navassa Island	18.41	-75.01	Cathemeral	Saxicolous&Terrestrial	Sphaerodactylidae	Gekkota	-0.13	276	Schwartz and Henderson 1991, Powell	NA	NE	extant	
Sphaerodactylus bromeliarum	locality	1977	2005	recent	Iturriaga and Gonzalez 2015	Neotropic	Cuba	20.31	-74.45	NA	Arboreal	Sphaerodactylidae	Gekkota	-0.26	270	Schwartz and Henderson 1991	NA	NE	extant	
Sphaerodactylus cochranae	locality	1946	2008	recent	vertnet	Neotropic	Hispaniola: Dominican Republ	19.06	-69.47	Nocturnal	Saxicolous&Terrestrial	Sphaerodactylidae	Gekkota	-0.17	147	Scantlebury 2014	NA	NE	extant	
Sphaerodactylus elasmorhynchus	specimen	1966	1966	early	Thomas 1966	Neotropic	Hispaniola: Haiti	18.47	-74.07	NA	Terrestrial	Sphaerodactylidae	Gekkota	-0.90	271	Schwartz and Henderson 1991	NA	NE	extant	
Sphaerodactylus epiurus	description	1993	1991	recent	Thomas and Hedges 1993	Neotropic	Hispaniola: Dominican Republ	18.70	-68.88	NA	NA	Sphaerodactylidae	Gekkota	-0.41	105	Scantlebury 2014	NA	NE	extant	
Sphaerodactylus exsul	locality (Small island)	1914	2012	recent	Vertnet	Neotropic	Swan Island	17.42	-83.94	NA	NA	Sphaerodactylidae	Gekkota	-0.46	618	Schwartz and Henderson 1991	NA	NE	extant	
Sphaerodactylus gilvitorques	specimen	1862	1862 or earlier	early	inferred from date of description	Neotropic	Jamaica	NA	NA	NA	NA	Sphaerodactylidae	Gekkota	-0.31	NA	not mapped	NA	NE	extant	
Sphaerodactylus guanajae	description	2012	2011	recent	McCranie and Hedges 2012	Neotropic	Isla de Guanaja	16.49	-85.85	Diurnal	Terrestrial	Sphaerodactylidae	Gekkota	-0.35	253	McCranie and Hedges 2012	NA	NE	extant	
Sphaerodactylus lazelli	specimen	1968	1960	early	Shreve 1968	Neotropic	Hispaniola: Haiti	19.73	-72.19	NA	NA	Sphaerodactylidae	Gekkota	-0.13	87	Schwartz and Henderson 1991	NA	NE	extant	
Sphaerodactylus levinsi	locality (Small island)	1968	2009	recent	IUCN	Neotropic	Puerto Rico: Isla Desecheo	18.39	-67.48	Diurnal	Terrestrial	Sphaerodactylidae	Gekkota	-0.26	124	Schwartz and Henderson 1991	NA	NE	extant	
Sphaerodactylus micropithecus	locality (Small island)	1977	2005	recent	IUCN	Neotropic	Puerto Rico: Isla Monito	18.16	-67.95	NA	NA	Sphaerodactylidae	Gekkota	0.06	NA	Schwartz and Henderson 1991	EN	NA	extant	
Sphaerodactylus monensis	locality (Small island)	1901	2002	recent	vertnet	Neotropic	Puerto Rico: Isla Mona	18.09	-67.89	Diurnal	Terrestrial	Sphaerodactylidae	Gekkota	-0.17	191	Schwartz and Henderson 1991	LC	stable	extant	
Sphaerodactylus nycteropus	specimen	1977	1971	recent	vertnet	Neotropic	Hispaniola: Haiti	18.24	-73.34	NA	Terrestrial	Sphaerodactylidae	Gekkota	-0.63	121	Schwartz and Henderson 1991	NA	NE	extant	
Sphaerodactylus pacificus	locality (Small island)	1903	1978	recent	vertnet	Neotropic	Cocos Island	5.53	87.06	Nocturnal	Terrestrial	Sphaerodactylidae	Gekkota	0.46	NA	Harris and Kluge 1984	LC	stable	extant	
Sphaerodactylus perissodactylius	description	1988	1985	recent	Thomas and Hedges 1988	Neotropic	Hispaniola: Dominican Republ	18.34	-71.02	NA	Terrestrial	Sphaerodactylidae	Gekkota	-0.51	315	Scantlebury 2014	NA	NE	extant	
Sphaerodactylus plummeri	description	1992	1991	recent	Thomas and Hedges 1992	Neotropic	Hispaniola: Dominican Republ	17.99	-71.60	Diurnal	Terrestrial	Sphaerodactylidae	Gekkota	-0.57	131	Scantlebury 2014	NA	NE	extant	
Sphaerodactylus poindexteri	description	2013	2012	recent	McCranie and Hedges 2013	Neotropic	Isla de Utila	16.10	-86.88	NA	Terrestrial	Sphaerodactylidae	Gekkota	-0.19	NA	McCranie and Hedges 2013	NA	NE	extant	
Sphaerodactylus schuberti	description	1998	1996	recent	Thomas and Hedges 1998	Neotropic	Hispaniola: Dominican Republ	18.60	-71.76	NA	Arboreal&Terrestrial	Sphaerodactylidae	Gekkota	-0.05	267	Scantlebury 2014	NA	NE	extant	
Sphaerodactylus siboney	description	2004	2002	recent	Fong and Diaz 2004	Neotropic	Cuba	19.97	-75.73	NA	Terrestrial	Sphaerodactylidae	Gekkota	-0.08	64	Fong and Diaz 2004	NA	NE	extant	
Sphaerodactylus sommeri	locality	1981	1985	recent	vertnet	Neotropic	Hispaniola: Haiti	19.50	-72.77	Nocturnal	Terrestrial	Sphaerodactylidae	Gekkota	0.03	115	Schwartz and Henderson 1991	NA	NE	extant	
Sphaerodactylus williamsi	specimen	1983	1978	recent	Thomas and Schwartz 1983	Neotropic	Hispaniola: Haiti	19.49	-72.77	Nocturnal	NA	Sphaerodactylidae	Gekkota	-0.57	48	Schwartz and Henderson 1991	CR	unknown	extant	
Sphenomorphus apalpebratus	description	2013	2010	recent	Datta-Roy et al. 2013	Oriental	India	25.45	91.74	Diurnal	Terrestrial	Scincidae	Scincoidea	0.12	101	Datta-Roy et al. 2013	NA	NE	extant	
Sphenomorphus bacboensis	specimen	2003	1986	recent	reptile database	Oriental	Vietnam	22.15	105.83	Diurnal	NA	Scincidae	Scincoidea	0.12	192	Eremchenko 2003	NA	NE	extant	
Sphenomorphus buettikoferi	specimen	1905	1894	early	Lidth de Jeude 1905	Oriental	Borneo: Kalimantan	0.15	113.20	NA	Terrestrial	Scincidae	Scincoidea	-0.14	5043	Das 2004	NA	NE	extant	date of the Dutch Scientific Expedition to Central Borneo
Sphenomorphus capitolythos	specimen	2008	1923	early	Shea and Michels 2008	Oceania	Kai Besar	-5.65	132.65	NA	NA	Scincidae	Scincoidea	1.03	823	Shea and Michels 2008	NA	NE	extant	
Sphenomorphus crassus	specimen	2001	1990	recent	Inger et al. 2001	Oriental	Borneo: Sarawak	4.90	115.70	NA	Terrestrial	Scincidae	Scincoidea	1.05	790	Inger et al. 2001	NA	NE	extant	
Sphenomorphus grandisonae	specimen	1962	1935 or earlier	early	Taylor 1962	Oriental	Thailand	19.61	100.34	NA	NA	Scincidae	Scincoidea	-0.36	262	Taylor 1962	NA	NE	extant	
Sphenomorphus helenae	specimen	1927	1923	early	Cochran 1927	Oriental	Thailand	13.86	100.51	NA	NA	Scincidae	Scincoidea	NA	43	vertnet	NA	NE	extant	
Sphenomorphus malaisei	specimen	1937	1937 or earlier	early	Rendahl 1937	Oriental	Burma	NA	NA	NA	NA	Scincidae	Scincoidea	0.20	NA	not mapped	NA	NE	extant	
Sphenomorphus modigliani	specimen	1894	1894 or earlier	early	inferred from date of description	Oriental	Mentawi Islands: Sipura	-2.23	99.68	NA	NA	Scincidae	Scincoidea	0.08	410	The Reptile Database	NA	NE	extant	
Sphenomorphus murudensis	locality	1925	1999	recent	Indraneil Das	Oriental	Borneo: Sarawak	3.92	115.33	Diurnal	Terrestrial	Scincidae	Scincoidea	0.37	NA	Das 2004	NA	NE	extant	
Sphenomorphus sananus	description	1926	1924	early	Kopstein 1926	Oceania	Sula Island	-2.22	125.96	NA	NA	Scincidae	Scincoidea	-0.26	284	Kopstein 1926	NA	NE	extant	
Sphenomorphus sheai	specimen	2013	2012	recent	Nguyen et al. 2013	Oriental	Vietnam	14.62	108.50	NA	Terrestrial	Scincidae	Scincoidea	-0.13	208	Nguyen et al. 2013	NA	NE	extant	
Sphenomorphus shelfordi	specimen	1900	before 1900	early	inferred from date of description	Oriental	Borneo: Sarawak	1.13	110.22	Diurnal	Terrestrial	Scincidae	Scincoidea	0.83	3163	Das 2004	NA	NE	extant	
Sphenomorphus tenuiculus	specimen	1890	1890 or earlier	early	inferred from date of description	Oriental	Borneo: Sarawak	5.97	116.53	Diurnal	Terrestrial	Scincidae	Scincoidea	0.62	NA	Das 2004	NA	NE	extant	
Sphenomorphus transversus	specimen	1971	1962	early	Greer and Parker 1971	Oceania	Solomon Islands: Bougainville	-5.83	154.83	NA	NA	Scincidae	Scincoidea	0.79	1725	Greer and Parker 1971	DD	unknown	extant	
Sphenomorphus wollastoni	specimen	1914	1913	early	Boulenger 1914	Oceania	Papua New Guinea	-4.57	136.69	NA	NA	Scincidae	Scincoidea	1.19	2926	Allen Allison	DD	unknown	extant	date of Wollaston expedition
Sphenomorphus zimmeri	specimen	1933	1932	early	Bauer et al. 2003	Oceania	Sulawesi	-3.58	121.25	NA	NA	Scincidae	Scincoidea	0.85	1260	The Reptile Database	NA	NE	extant	
Spondylurus anegadae	description	2012	1968	recent	Hedges and Conn 2012	Neotropic	Anegada, British Virgin Islands	18.73	-64.32	Diurnal	Saxicolous	Scincidae	Scincoidea	0.84	348	Hedges and Conn 2012	NA	NE	extant	
Spondylurus haitiae	description	2012	1857-1858	early	Hedges and Conn 2012	Neotropic	Hispaniola: Haiti	18.60	-74.16	NA	NA	Scincidae	Scincoidea	1.11	157	Hedges and Conn 2012	NA	NE	extinct	
Spondylurus macleani	locality (Small island)	2000	1996	recent	Mayer and Lazell 2000	Neotropic	British Virgin Islands: Carrot F	18.32	-64.57	Diurnal	Saxicolous	Scincidae	Scincoidea	1.03	280	Mayer and Lazell 2000	NA	NE	extant	
Spondylurus martinae	description	2012	1965	early	Hedges and Conn 2012	Neotropic	St. Martin Island: Sint Maarten	18.03	-63.07	NA	NA	Scincidae	Scincoidea	1.07	448	Hedges and Conn 2012	NA	NE	extinct	
Spondylurus monae	description	2012	1994	recent	Hedges and Conn 2012	Neotropic	Puerto Rico: Mona Island	18.09	-67.89	Diurnal	NA	Scincidae	Scincoidea	1.14	191	Meiri 2016	CR	unknown	extant	
Spondylurus monitae	locality (Small island)	2012	1993	recent	Hedges and Conn 2012	Neotropic	Puerto Rico: Monito Island	18.16	-67.95	NA	NA	Scincidae	Scincoidea	1.25	NA	Meiri 2016	CR	unknown	extant	
Stenocercus amydrorhytus	description	2015	1997	recent	Kohler and Lehr 2015	Neotropic	Peru	-9.81	-77.73	Diurnal	Saxicolous	Tropiduridae	Pleurodonta	1.10	380	Kohler and Lehr 2015	NA	NE	extant	
Stenocercus chinchaoensis	description	2013	2011	recent	Venegas et al. 2013	Neotropic	Peru	-9.81	-75.81	Diurnal	Arboreal	Tropiduridae	Pleurodonta	1.38	470	Venegas et al. 2013b	NA	NE	extant	
Stenocercus eunetopsis	description	1991	1987	recent	Cadle 1991	Neotropic	Peru	-6.82	-79.09	Diurnal	Saxicolous&Terrestrial	Tropiduridae	Pleurodonta	1.33	452	Torres-Carvajal 2007	NA	NE	extant	
Stenocercus haenschi	specimen	1901	1875	early	Boulenger 1880	Neotropic	Ecuador	-1.77	-79.18	NA	NA	Tropiduridae	Pleurodonta	1.23	224	Torres-Carvajal 2007	CR	unknown	extant	
Stenocercus ivitus	description	1972	1970	recent	Fritts 1972	Neotropic	Peru	-5.33	-79.47	Diurnal	NA	Tropiduridae	Pleurodonta	1.05	163	IUCN	DD	unknown	extant	
Stenocercus johaberfellneri	description	2015	1997	recent	Kohler and Lehr 2015	Neotropic	Peru	-9.93	-77.65	Diurnal	Saxicolous	Tropiduridae	Pleurodonta	0.89	321	Kohler and Lehr 2015	NA	NE	extant	
Stenocercus nigromaculatus	locality	1924	1970	recent	vertnet	Neotropic	Peru	-5.24	-79.45	Diurnal	Arboreal&Saxicolous	Tropiduridae	Pleurodonta	1.27	163	Torres-Carvajal 2007	DD	unknown	extant	
Stenocercus nubicola	description	1972	1970	recent	Fritts 1972	Neotropic	Peru	-5.32	-79.48	Diurnal	NA	Tropiduridae	Pleurodonta	1.17	163	Torres-Carvajal 2007	NA	NE	extant	
Stenocercus praeornatus	description	1972	1969	recent	Fritts 1972	Neotropic	Peru	-11.77	-75.08	NA	Saxicolous	Tropiduridae	Pleurodonta	1.55	474	Torres-Carvajal 2007	DD	unknown	extant	
Stenocercus tricristatus	specimen	1851	1851 or earlier	early	inferred from date of description	Neotropic	Brazil	-20.13	-46.65	NA	NA	Tropiduridae	Pleurodonta	1.40	337	Camacho et al. 2016	NA	NE	extant	
Strophurus congoo	description	2016	2013	recent	Vanderduys 2016	Australia	Australia	-17.49	145.01	Nocturnal	Arboreal	Diplodactylidae	Gekkota	0.37	190	Vanderduys 2016	NA	NE	extant	
Tachygyia microlepis	description	1839	1832	early	Reptile database	Oceania	Tongatapu Island	-21.20	-175.15	NA	Terrestrial	Scincidae	Scincoidea	2.13	4661	Boulenger 1887	EX	stable	extinct	
Takydromus haughtonianus	specimen	1870	1870 or earlier	early	inferred from date of description	Oriental	India	26.16	90.62	Diurnal	Terrestrial	Lacertidae	Lacertoidea	0.70	181	The Reptile Database	NA	NE	extant	
Takydromus madaensis	description	2013	1990	recent	Bobrov 2013	Oriental	Vietnam	11.31	107.07	Diurnal	NA	Lacertidae	Lacertoidea	0.41	495	Bobrov 2013	NA	NE	extant	
Takydromus sikkimensis	locality	1888	2006	recent	Bhupathy et al. 2009	Oriental	Sikkim	27.19	88.43	Diurnal	NA	Lacertidae	Lacertoidea	0.70	194	Bhupathy et al. 2009	NA	NE	extant	
Tarentola albertschwartzi	specimen	1998	1884	early	Sprackland and Swinney 1998	Neotropic	Jamaica	NA	NA	NA	NA	Phyllodactylidae	Gekkota	1.81	NA	not mapped	NA	NE	extinct	
Tarentola bocagei	locality (Small island)	2012	2009	recent	Vasconcelos et al. 2012	Afrotropic	Cape Verde (South Nicolau Isl.	16.60	-24.10	NA	NA	Phyllodactylidae	Gekkota	0.87	368	Vasconcelos et al. 2012	LC	unknown	extant	
Techmarscincus jigurru	locality	1984	2014	recent	Atlas of living Australia	Australia	Australia	-17.39	145.81	Diurnal	Saxicolous	Scincidae	Scincoidea	1.02	188	Cogger 2000	NA	NE	extant	
Tetradactylus eastwoodae	specimen	1913	1912	early	Hewitt and Methuen 1913	Afrotropic	South Africa	-23.83	29.99	NA	NA	Gerrhosauridae	Scincoidea	0.26	240	IUCN	EX	NA	extinct	
Tetradactylus udzungwensis	description	2004	2002	recent	Salvidio et al. 2004	Afrotropic	Tanzania	-8.29	35.99	Diurnal	Terrestrial	Gerrhosauridae	Scincoidea	0.30	685	Salvidio et al. 2004	EN	unknown	extant	
Thaumatorhynchus brooksi	specimen	1924	1924 or earlier	early	Parker 1924	Oriental	Sumatra	-2.61	101.81	Diurnal	Arboreal	Agamidae	Acrodontia	0.84	534	Manthey 2010	NA	NE	extant	
Trachylepis adamastor	description	2015	1971	recent	Ceriaco 2015	Afrotropic	Tinhosa Grande islet, Gulf of C	1.34	7.29	Diurnal	Saxicolous	Scincidae	Scincoidea	1.49	NA	Ceriaco 2015	NA	NE	extant	
Trachylepis atlantica	locality (Small island)	1945	2011	recent	vertnet	Neotropic	Fernando de Noronha Island	-3.85	-32.43	Diurnal	Arboreal&Saxicolous&Terrestrial	Scincidae	Scincoidea	1.38	658	Camacho et al. 2016	NA	NE	extant	
Trachylepis betsileana	specimen	1906	1906 or earlier	early	Moquard 1906	Madagascar	Madagascar	NA	NA	NA	NA	Scincidae	Scincoidea	2.13	NA	not mapped	DD	unknown	extant	this species is most likely a synonym of the African Trachylepis perroteti
Trachylepis cristinae	description	2012	2010	recent	Sindaco et al. 2012	Afrotropic	Abd el Kuri Island	12.18	52.24	NA	NA	Scincidae	Scincoidea	1.52	743	Sindaco et al. 2012	NA	NE	extant	
Trachylepis infralineata	locality (Small island)	1913	2014	recent	Sanchez and Probst 2015	Afrotropic	Europa Island (Strait of Mozan	-22.35	40.35	Diurnal	Terrestrial	Scincidae	Scincoidea	1.44	667	Sanchez and Probst 2015	NA	NE	extant	
Trachylepis loluiensis	description	2010	2007	recent	Kingdon and Spawls 2010	Afrotropic	Lolui Island, Lake Victoria	-0.13	33.68	Diurnal	Saxicolous	Scincidae	Scincoidea	1.28	167	Kingdon and Spawls 2010	VU	unknown	extant	
Trachylepis maculata	specimen	1839	1839 or earlier	early	inferred from date of description	Neotropic	Brazil ?	NA	NA	NA	NA	Scincidae	Scincoidea	1.12	NA	not mapped	NA	NE	extant	
Trachylepis nganghae	description	2004	2001	recent	Ineich and Chirio 2004	Afrotropic	Cameroon	7.38	13.98	NA	Saxicolous	Scincidae	Scincoidea	0.57	217	Chirio and LeBreton 2007	NA	NE	extant	
Trachylepis pendeana	description	2000	1994	recent	Ineich and Chirio 2000	Afrotropic	Central African Republic	7.03	16.07	Diurnal	Saxicolous	Scincidae	Scincoidea	1.04	177	Ineich and Chirio 2000	NA	NE	extant	
Trachylepis vezo	locality	1999	2009	recent	ZSM	Madagascar	Madagascar	-23.56	43.81	NA	Saxicolous	Scincidae	Scincoidea	0.47	80	Ramanamanjato et al. 1999	DD	unknown	extant	
Tribolonotus parkeri	description	2017	2005	recent	Rittmeyer and Austin 2017	Oceania	Buka Island	-5.40	154.66	NA	Fossorial&Terrestrial	Scincidae	Scincoidea	0.32	1421	Rittmeyer and Austin 2017	NA	NE	extant	
Trioceros kinangopensis	description	2012	2007	recent	Stipala et al. 2012	Afrotropic	Kenya	-0.66	36.71	Diurnal	Arboreal	Chamaeleonidae	Acrodontia	0.83	510	Stipala et al. 2012	NT	unknown	extant	
Trioceros kinetensis	locality	1943	1978	recent	IUCN	Afrotropic	Sudan	3.95	32.90	NA	Arboreal	Chamaeleonidae	Acrodontia	0.93	466	Schmidt 1943	DD	unknown	extant	
Trioceros marsabitensis	description	1991	1988	recent	Tilbury 1991	Afrotropic	Kenya	2.15	37.66	Diurnal	Arboreal	Chamaeleonidae	Acrodontia	1.19	551	Spawls et al. 2002	NT	stable	extant	
Trioceros narraioca	description	2003	2001	recent	Necas et al. 2003	Afrotropic	Kenya	2.66	36.94	Diurnal	Arboreal	Chamaeleonidae	Acrodontia	1.19	1052	Tilbury 2010	NT	unknown	extant	
Trioceros ntunte	description	2005	2001	recent	Necas et al. 2005	Afrotropic	Kenya	2.14	36.85	Diurnal	Arboreal	Chamaeleonidae	Acrodontia	1.09	775	Tilbury 2010	DD	unknown	extant	
Tropidophorus hangnam	description	2005	probably 2004 or 2005	recent	Chuaynkern et al. 2005	Oriental	Thailand	16.30	101.70	NA	Semi_Aquatic	Scincidae	Scincoidea	1.35	862	Chuaynkern et al. 2005	NA	NE	extant	Chuaynkern et al. 2005 write the type series was "recently obtained" from the wild
Tropidophorus iniquus	specimen	1905	1894	early	Lidth de Jeude 1905	Oriental	Borneo: Kalimantan	-0.68	111.47	NA	Semi Aquatic	Scincidae	Scincoidea	1.28	1238	Das 2004	NA	NE	extant	date of the Dutch Scientific Expedition to Central Borneo
Tropidophorus latiscutatus	description	2002	1996	recent	Hikida et al. 2002	Oriental	Thailand	18.08	103.75	Nocturnal	Saxicolous	Scincidae	Scincoidea	1.36	215	Hikida et al. 2002	DD	unknown	extant	

Tropidophorus matsuii	specimen	2002	1996	recent	Hikida et al. 2002	Oriental	Thailand	15.88	104.30	NA	Saxicolous	Scincidae	Scincoidea	1.25	171	Hikida et al. 2002	NA	NE	extant
Tropidophorus murphyi	description	2002	1998	recent	Hikida et al. 2002	Oriental	Vietnam	22.64	105.92	Nocturnal	Saxicolous	Scincidae	Scincoidea	1.28	251	Nguyen et al. 2009	NA	NE	extant
Tropidophorus noggei	locality	2005	2007	recent	Ziegler et al. 2007	Oriental	Vietnam	18.17	106.17	Nocturnal	Saxicolous	Scincidae	Scincoidea	1.47	178	Nguyen et al. 2009	NA	NE	extant
Tropidophorus sebi	description	2017	2015	recent	Pui et al. 2017	Oriental	Borneo: Sarawak	1.59	113.79	NA	Semi Aquatic	Scincidae	Scincoidea	1.12	5074	Pui et al. 2017	NA	NE	extant
Tropidurus imbituba	description	2013	2011	recent	Kunz and Borges-Martins 2013	Neotropic	Brazil	-28.24	-48.65	Diurnal	NA	Tropiduridae	Pleurodonta	1.83	76	Kunz and Borges-Martins 2013	NA	NE	extant
Tropidurus lagunablanca	description	2016	2013	recent	Carvalho 2016	Neotropic	Paraguay	-23.81	-56.29	Diurnal	Arboreal	Tropiduridae	Pleurodonta	1.70	706	Carvalho 2016	NA	NE	extant
Tropidurus teyumirim	description	2016	2013	recent	Carvalho 2016	Neotropic	Paraguay	-26.05	-56.83	Diurnal	Saxicolous	Tropiduridae	Pleurodonta	1.49	433	Carvalho 2016	NA	NE	extant
Tropidurus xanthochilus	description	1998	1995	recent	Harvey and Gutberlet 1998	Neotropic	Bolivia	-14.75	-61.00	Diurnal	Arboreal	Tropiduridae	Pleurodonta	1.82	650	Harvey and Gutberlet 1998	NA	NE	extant
Tropiocolotes wolfgangboehmei	description	2010	2001	recent	Wilms et al. 2010	Palearctic	Saudi Arabia	25.27	46.62	Nocturnal	NA	Gekkonidae	Gekkota	-0.19	245	Wilms et al. 2010	DD	unknown	extant
Tympanocryptis pentalineata	description	2014	2005	recent	Museum Victoria	Australia	Queensland	-18.11	140.88	Diurnal	Terrestrial	Agamidae	Acrodontia	0.81	NA	Melville et al. 2014	NA	NE	extant
Typhlacontias rudebecki	specimen	1997	1956	early	Haacke 1997	Afrotropic	Angola	-14.27	12.38	NA	NA	Scincidae	Scincoidea	0.19	371	mapped by Aaron Bauer	NA	NE	extant
Tytthoscincus batupanggah	description	2016	2014	recent	Karin et al. 2016	Oriental	Borneo: Sarawak	1.12	110.23	Diurnal	Terrestrial	Scincidae	Scincoidea	-0.21	587	Karin et al. 2016	NA	NE	extant
Tytthoscincus ishaki	description	2006	2004	recent	Grismer 2006	Oriental	Tioman Island	2.77	104.17	Diurnal	Terrestrial	Scincidae	Scincoidea	0.36	466	Grismer 2006	NA	NE	extant
Tytthoscincus leproauricularis	description	2016	2014	recent	Karin et al. 2016	Oriental	Borneo: Sarawak	1.12	110.22	Diurnal	Terrestrial	Scincidae	Scincoidea	-0.20	587	Karin et al. 2016	NA	NE	extant
Tytthoscincus panchorensis	specimen	2016	2013	recent	Grismer et al. 2016	Oriental	Peninsular Malaysia	5.15	100.55	NA	Terrestrial	Scincidae	Scincoidea	-0.12	60	Grismer et al. 2016a	NA	NE	extant
Tytthoscincus perhentianensis	specimen	2009	2007	recent	Grismer et al. 2009	Oriental	Perhentian Island	5.90	102.75	Diurnal	Terrestrial	Scincidae	Scincoidea	-0.36	NA	Grismer et al. 2009, Grismer 2011	NA	NE	extant
Urocotyledon rasmusseni	specimen	2006	2004	recent	Bauer and Menegon 2006	Afrotropic	Tanzania	-7.60	36.63	NA	Arboreal	Gekkonidae	Gekkota	0.24	592	Bauer and Menegon 2006	NA	NE	extant
Urosaurus clarionensis	locality (Small island)	1890	21st century	recent	http://socorroislands.weebly.com/reptiles.html	Neotropic	Revillagigedo Islands: Clarion	18.36	-114.73	Diurnal	Saxicolous	Phrynosomatidae	Pleurodonta	1.00	NA	vertnet	VU	unknown	extant
Uta encantadae	locality (Small island)	1994	2001	recent	Lee Grismer, pers. observation	Nearctic	Isla Encantada	30.02	-114.47	Diurnal	Saxicolous	Phrynosomatidae	Pleurodonta	1.07	NA	NatureServe, IUCN	VU	stable	extant
Uta lowei	locality (Small island)	1994	2009	recent	Lazcano et al. 2011	Nearctic	Isla El Muerto	30.09	-114.54	Diurnal	Saxicolous	Phrynosomatidae	Pleurodonta	1.02	NA	vertnet	VU	unknown	extant
Uta nolascensis	locality (Small island)	1921	2001	recent	Grismer 2002	Nearctic	Isla San Pedro Nolasco	27.97	-111.38	Diurnal	Saxicolous	Phrynosomatidae	Pleurodonta	0.80	NA	vertnet	LC	stable	extant
Uta palmeri	locality (Small island)	1890	2007	recent	Samaniego-Herrera et al. 2009	Nearctic	Isla San Pedro Martir	28.38	-112.32	Diurnal	Arboreal&Saxicolous	Phrynosomatidae	Pleurodonta	1.28	183	Hews 1993	VU	stable	extant
Uta tumidarostra	locality (Small island)	1994	21st century	recent	http://herpatlas.sdnhm.org/species/overview/swc	Nearctic	Isla Coloradito	30.05	-114.50	Diurnal	Saxicolous&Terrestrial	Phrynosomatidae	Pleurodonta	1.15	289	Grismer 2002	VU	unknown	extant
Varanus auffenbergi	locality	1999	2005	recent	Canto 2007	Oriental	Roti Island	-10.91	122.84	Diurnal	Arboreal	Varanidae	Platynota	2.18	317	Del Canto 2007	NA	NE	extant
Varanus boehmei	locality	2003	2012	recent	youtube	Oceania	New Guinea: Waigeo Island	-0.17	131.04	Diurnal	Arboreal	Varanidae	Platynota	2.66	771	Meiri 2016	DD	unknown	extant
Varanus reisingeri	locality	2005	2016	recent	youtube	Oceania	Misool Island	-1.89	130.08	Diurnal	Arboreal	Varanidae	Platynota	2.62	635	Meiri 2016	DD	unknown	extant
Varanus semotus	description	2016	2012	recent	Weijola et al. 2016	Oceania	St. Matthias group: Mussau Isl	-1.51	149.70	Diurnal	Arboreal&Terrestrial	Varanidae	Platynota	3.12	1290	Fred Kraus	NA	NE	extant
Varanus telenesetes	specimen	1991	early 1910s	early	Koch et al. 2014	Oceania	Rossel Island	-11.36	154.14	Diurnal	Arboreal	Varanidae	Platynota	2.26	1297	Allen Allison	DD	unknown	extant
Varanus zugorum	specimen	2005	1980	recent	Bohme and Ziegler 2005	Oceania	Halmahera Island	1.10	127.49	Diurnal	Terrestrial	Varanidae	Platynota	NA	1645	Bohme and Ziegler 2005	NA	NE	extant
Vietnascincus rugosus	description	1994	1987	recent	Darevsky and Orlov 1994	Oriental	Vietnam	14.27	108.58	Diurnal	Arboreal&Terrestrial	Scincidae	Scincoidea	1.05	509	Nguyen et al. 2009	DD	unknown	extant
Voeltzkowia mobydick	description	2012	2004	recent	Miralles et al. 2012	Madagascar	Madagascar	-15.65	47.58	Nocturnal	Fossorial&Terrestrial	Scincidae	Scincoidea	0.36	253	Miralles et al. 2012	NA	NE	extant
Xantusia gracilis	locality	1986	2014	recent	inaturalist	Nearctic	USA	33.28	-116.14	Nocturnal	Saxicolous&Terrestrial	Xantusiidae	Scincoidea	0.85	354	Lovich 2001	VU	unknown	extant
Xenosaurus penai	description	2000	1995	recent	Perez-Ramos et al. 2000	Neotropic	Mexico	16.93	-98.31	NA	Saxicolous	Xenosauridae	Diploglossa	1.48	352	de Oca et al. 2017	LC	stable	extant
Zonosaurus maramaintso	specimen	2006	1996	recent	Raselimanana et al. 2006	Madagascar	Madagascar	-18.67	44.80	NA	Arboreal	Gerrhosauridae	Scincoidea	1.63	468	Raselimanana et al. 2006	DD	unknown	extant

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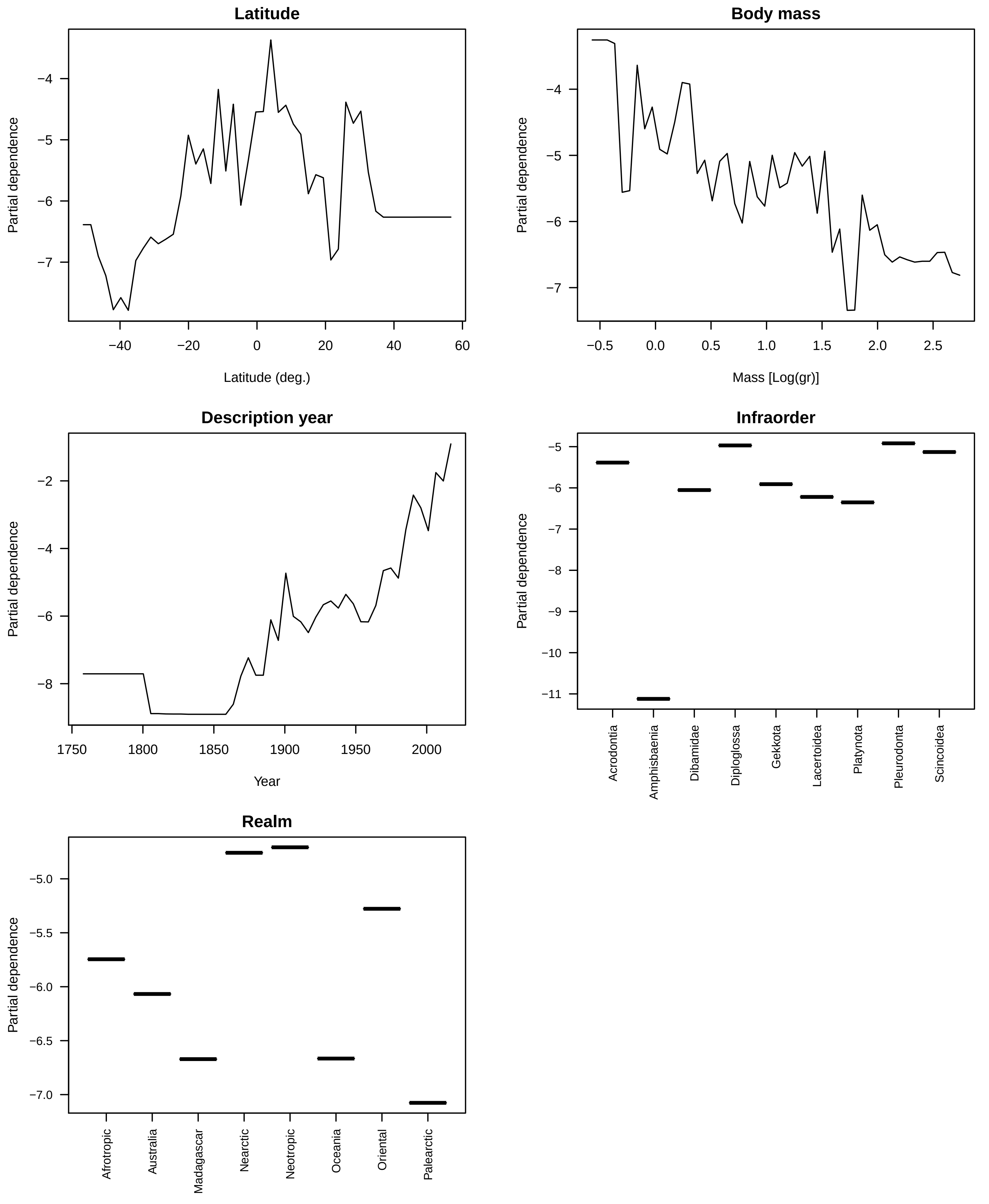
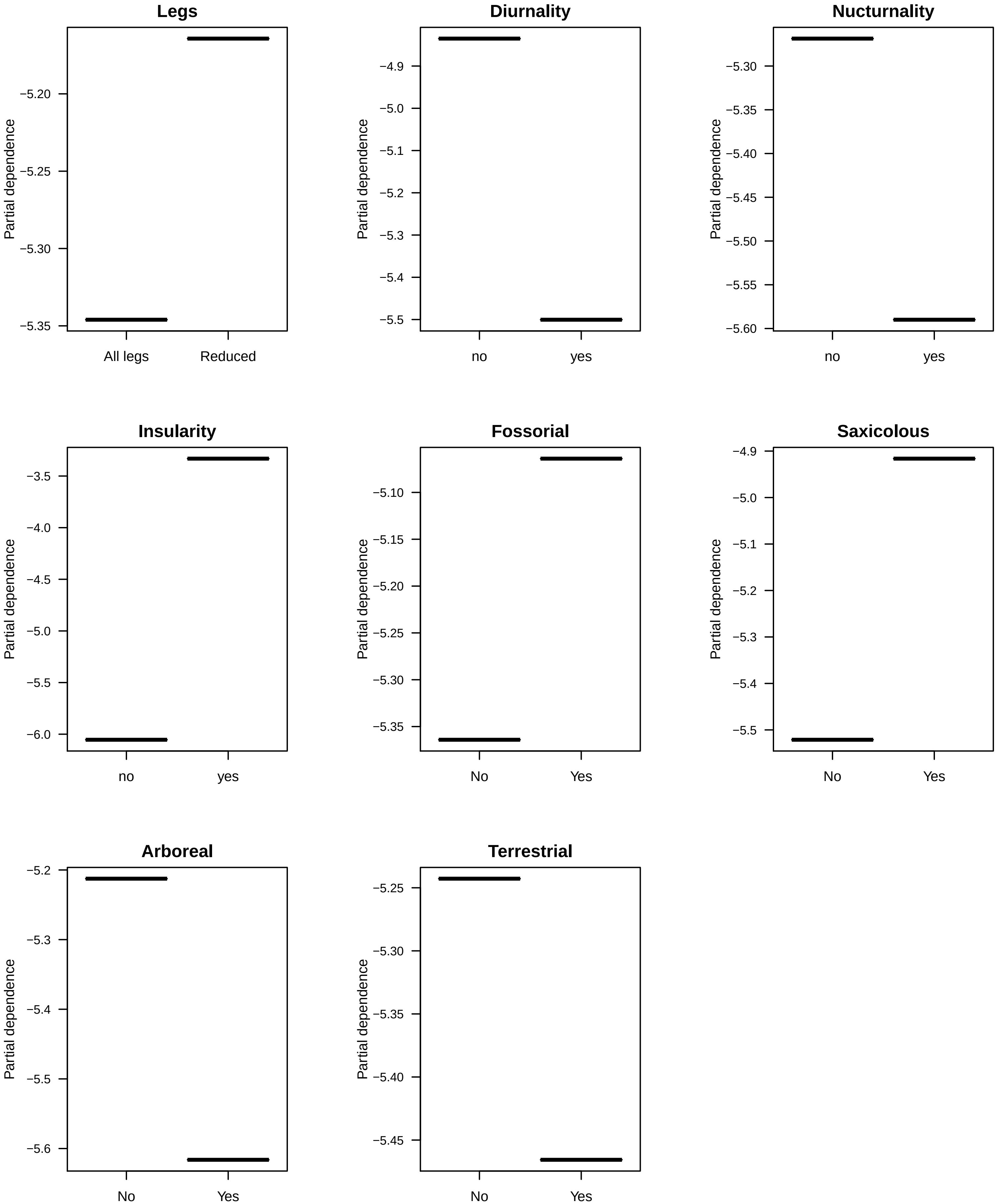


Latitude
Partial dependence
Latitude (deg.)
Body mass
Partial dependence
Mass [Log(gr)]
Description year
Partial dependence
Year
Infraorder
Partial dependence
Acrodontia
Amphisbaenia
Dibamidae
Diploglossa
Gekkota
Lacertoidea
Platynota
Pleurodonta
Scincoidea
Realm
Partial dependence
Afrotropic
Australia
Madagascar
Nearctic
Neotropic
Oceania
Oriental
Palearctic


Legs
Partial dependence
−5.20
−5.25
−5.30
−5.35
All legs
Reduced
Diurnality
−4.9
−5.0
−5.1
−5.2
−5.3
−5.4
−5.5
no
yes
Nucturnality
−5.30
−5.35
−5.40
−5.45
−5.50
−5.55
−5.60
Insularity
−3.5
−4.0
−4.5
−5.0
−5.5
−6.0
Fossorial
−5.10
−5.15
−5.20
−5.25
−5.30
−5.35
No
Yes
Saxicolous
−4.9
−5.0
−5.1
−5.2
−5.3
−5.4
−5.5
Arboreal
−5.2
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Terrestrial
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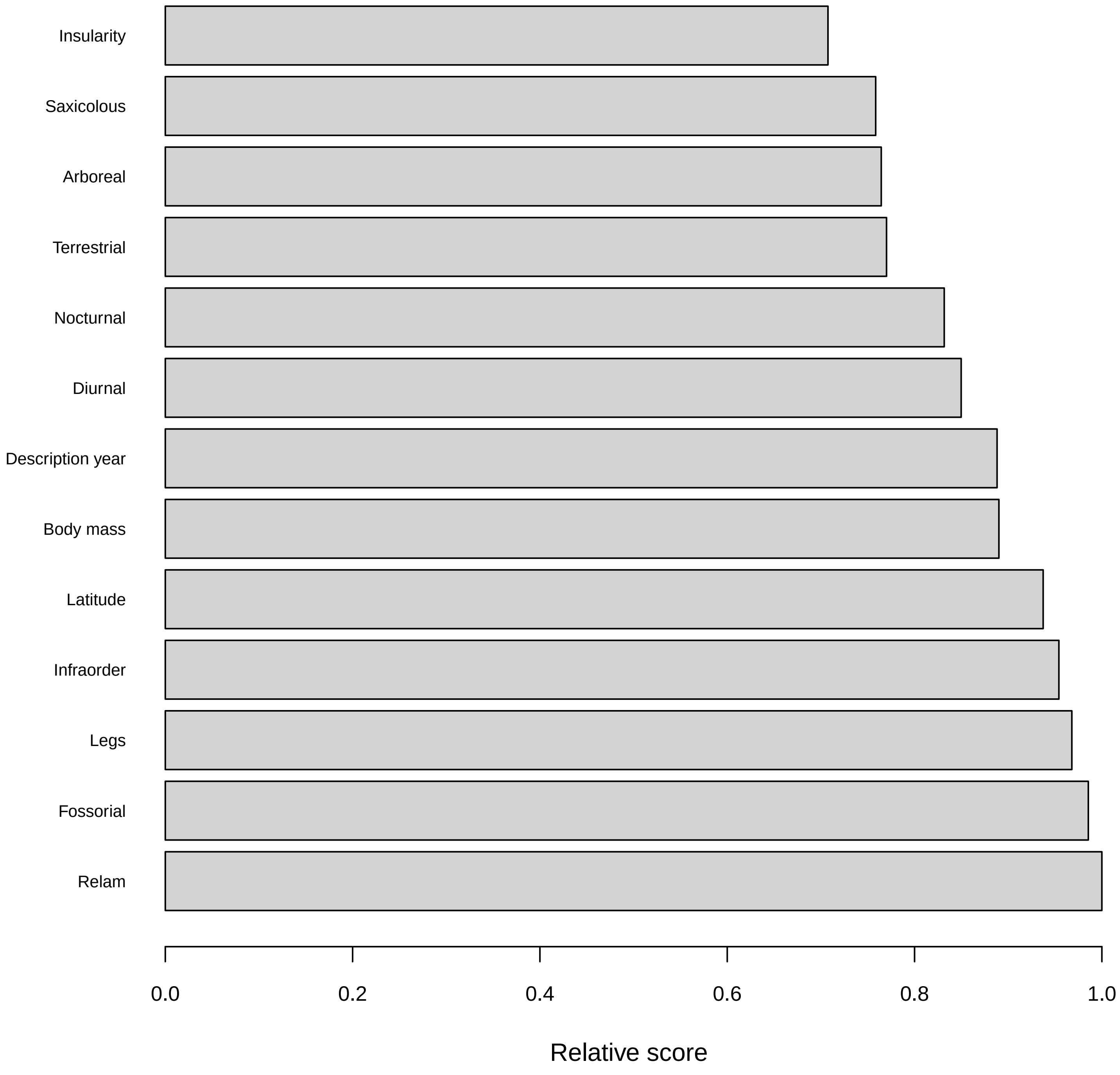
Insularity
Saxicolous
Arboreal
Terrestrial
Nocturnal
Diurnal
Description year
Body mass
Latitude
Infraorder
Legs
Fossorial
Relam
0.0
0.2
0.4
0.6
0.8
1.0
Relative score