A Journal of Macroecology
Global Ecology and Biogeography

RESEARCH PAPER

Late bloomers and baby boomers: ecological drivers of longevity in squamates and the tuatara

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ABSTRACT

Aim Longevity is an important life-history trait, directly linked to the core attributes of fitness (reproduction and survival), yet large-scale comparative studies quantifying its implications for the ecology and life history of ectotherms are scarce. We tested the allometry of longevity in squamates and the tuatara, and determined how longevity is related to key environmental characteristics and life-history traits. Predictions based on life-history theory are expected to hold true for ectotherms, similarly to mammals and birds.

Location World-wide.

Methods We assembled from the literature a dataset of the maximum longevities of more than a thousand squamate species, representing *c.* 10% of their known species diversity, their phylogenetic relationships and multiple life-history and ecological variables. Correcting for phylogeny, we modelled the link between squamate longevity and both key life-history traits, such as body mass and age at first reproduction, and important environmental factors, such as latitude and primary productivity within species distributional ranges.

Results Large-bodied species live for longer than small ones, but body size explains far less of the variance in longevity than it does in mammals and birds. Accounting for body size, squamate brood frequency is negatively correlated with longevity, while age at first reproduction is positively correlated with longevity. This points to a continuum of slow-to-fast life-history strategies. Squamates in high latitudes and cold regions live for longer, probably because a shorter season of activity translates to slower development, older age at first reproduction and hence to increased longevity. Individuals live longer in captivity than in the wild. Herbivorous and omnivorous squamates live for longer than carnivorous ones. We postulate that low-quality nutrition reduces growth rates, promotes a relative decline in reproductive rates and thus prolongs life.

Main conclusions Our results support key predictions from life-history theory and suggest that reproducing more slowly and at older ages, being herbivorous and, plausibly, lowering metabolism, result in increased longevity.

Keywords
Body size, fast-slow continuum, lifespan, NPP, phylogenetic comparisons, reproduction, reptiles, temperature, trade-off.

DOI: 10.1111/geb.12244

INTRODUCTION

Longevity in animals is a highly variable trait, influenced by 'intrinsic' and 'extrinsic' environmental factors. There are three common intrinsic explanations for animal longevity.

1. The mutation accumulation theory suggests that the strength of natural selection decreases with age, because most reproduction occurs when animals are young. Thus, ageing is not under strong natural selection because the animal has already completed most of its reproduction (Hughes & Reynolds, 2005).

2. The antagonistic pleiotropy theory states that some genes encode phenotypes that are beneficial early in life but encode other traits that are harmful in advanced age (Ljubuncic & Reznick, 2009).

3. The 'rate of living theory', postulates that metabolic rate is negatively correlated with longevity because animals with high metabolic rates accumulate harmful metabolic by-products faster than those with lower metabolic rates (Sohal, 1986; Wilkinson & South, 2002; but see Møller, 2008, for an opposite reasoning).

All theories of ageing emphasize the trade-off between somatic maintenance and reproduction (often termed 'the disposable soma theory'; Kirkwood, 2001; Ljubuncic & Reznick, 2009), leading to a negative correlation between reproductive investment and longevity.

The most important environmental component affecting longevity is extrinsic mortality caused by various ecological pressures such as predation, famine and parasites (Healy *et al*., 2014; Valcu *et al*., 2014). Such extrinsic mortality is expected to lead to reproduction at an early age, and here intrinsic causes of ageing come into play. Animals reproducing early are exposed to the accumulation of age-specific harmful mutations or mutations with a pleiotropic effect, benefiting young animals but harming older ones (Stearns, 1992; Partridge & Gems, 2006). Mutations that are expressed late in life will mostly escape selection in animals that reproduce at a young age, but will be strongly selected against in animals that reproduce at older ages. Empirical evidence for faster ageing in populations suffering from a high predation threat compared with species/populations enjoying a low threat is mixed (summarized in Williams *et al*., 2006; but see also Valcu *et al*., 2014). Differences also exist in the specific process of senescence: while most species show either a gradual or abrupt decrease in performance with age, some appear not to age, such as some hydras and sea urchins (Kirkwood, 2001; Ebert, 2008).

A number of interspecific studies of birds and mammals have observed prolonged longevity with increasing body size (e.g. Lindstedt & Calder, 1976, 1981; Wilkinson & South, 2002; Speakman, 2005a; Healy *et al*., 2014; Valcu *et al*., 2014). Correcting for body mass, different key traits, such as age at first reproduction and level of sociality, also correlate with longevity (e.g. Prothero, 1993; Wasser & Sherman, 2010). In general, early, frequent and/or intensive reproduction is associated with decreased longevity (e.g. Kirkwood, 2001). Such life-history trade-offs have been termed the 'fast–slow continuum' (e.g. Bielby *et al*., 2007; de Magalhães *et al*., 2007).

There has been much experimental work on the longevity of several invertebrate species in order to study theories of ageing and the cost of reproduction (e.g. the reproduction–longevity trade-off; Kirkwood, 2001; Flatt, 2011; Scharf *et al*., 2013). Comparative interspecific studies of ectotherm longevity, however, are very rare (but see, e.g., Hutchings & Morris, 1985). In reptiles, comparative studies that include longevity do exist, but they are limited to a few, closely related species (e.g. Werner *et al*., 1993; Bauwens & Díaz-Uriarte, 1997; Bronikowski, 2008). Therefore there is a strong need to test whether large groups of ectotherms follow the same trade-offs described for the insect model organisms, and whether the emerging patterns resemble those of other vertebrates. In addition, the 'fast–slow continuum' could be particularly interesting with respect to reptile ecology, as reptile lineages show fundamental differences in their mode of reproduction, i.e. viviparity and oviparity, with differential investment in the offspring (Shine, 2005), clutch or litter size (e.g., Seigel & Fitch, 1984; Kratochvíl & Kubička, 2007) and the frequency of laying clutches (e.g. Andrews & Rand, 1974; Meiri *et al*., 2012). Such differences in life history are predicted to be correlated with longevity.

Climate and environmental gradients are known to affect the life history of ectotherms (Shine, 2005) and could, therefore, be an important factor linked to reptile longevity. At higher latitudes, reptile activity seasons are shorter, probably bringing about slower growth, older age at maturation and increased longevity, as suggested for some squamate species (Blouin-Demers *et al*., 2002; Arribas, 2004; Tomašević-Kolarov *et al*., 2010). Conversely, animals at higher latitudes, especially those with a complex life cycle, sometimes 'hurry up' to complete their development before winter arrives (e.g. Gotthard *et al*., 1999). Furthermore, higher latitudes are associated with cooler temperatures and, consequently, a slower rate of living, as shown for various animals such as fish and flies (Valenzano *et al*., 2006; Conti, 2008). In cold areas animals often hibernate. During hibernation predation is minimal and metabolism is much reduced, lowering mutation rates and oxidative damage. Both extrinsic and intrinsic mortality are therefore reduced in cold and high-latitude regions, which could lead to prolonged life spans.

Net primary productivity (hereafter NPP) could influence longevity, since animals in regions of low NPP may be more food-restricted. Therefore, they are likely to grow more slowly and, consequently, mature later and live for longer. Diet may also affect longevity through differences in the nutritive value of the food or the danger in obtaining it. Wilkinson & South (2002) suggested that predatory bats should have shorter lives than bats feeding on fruits or nectar, but failed to demonstrate such an association. In contrast, evidence for differences in longevity between granivorous, frugivorous and insectivorous birds is mixed. Examining hundreds of bird species, Wasser & Sherman (2010) demonstrated that herbivorous birds live for longer than their omnivorous and carnivorous counterparts. They reasoned that herbivorous birds have a lower extrinsic mortality than carnivorous ones. The latter may also become injured while pursuing prey and are more likely to acquire parasites through

Table 1 Summary of predictions for the link between different intrinsic and extrinsic variables and lepidosaur longevity. For more detailed explanation, please see the text.

Variable	Prediction	Justification
Body size	+	Growing to a large size postpones reproduction
Latitude	+	Rate of life (metabolism), hibernation
NPP	–	Rate of life, postponing reproduction
Data origin	Captive > wild	Abundant food, veterinary treatment, no predators
Age at first reproduction	+	Many arguments, e.g. the mutation accumulation theory
Mode of reproduction	Viviparous > oviparous	Rate of life and reproduction intensity
Body temperature	–	Rate of life
Diet	Herbivores > carnivores	Predation risk, metabolic rate
Activity time	Nocturnal > diurnal	Rate of life, predation risk

'+' and '–' stand for a positive and a negative correlation, respectively.

their diet. This would lead, according to the ageing theory, to reduced longevity of carnivores (Hughes & Reynolds, 2005; Williams *et al.*, 2006).

We analyse the interplay between longevity in lepidosaurs (Lepidosauria, Haeckel, 1866: a clade including Rhynchocephalia and Squamata, i.e. the tuatara, snakes, amphisbaenians and lizards) and other life-history traits, in light of the theories of ageing explained above, testing seven predictions (Table 1). (1) we predict a positive relationship between lepidosaur longevity and both body mass and age at first reproduction. It takes larger species longer to start reproducing, and hence ageing should start at a later stage than for smaller species. (2) we predict longevity to be positively correlated with latitude, and negatively correlated with mean annual temperature. High temperature should lead to a high metabolic rates, and thus to a fast rate of living that could shorten life (Sohal, 1986). The opposite holds true in cold environments where animals often hibernate. High temperature can also lead to faster growth in ectotherms and to a smaller adult size ('the temperature–size rule'; Kingsolver & Huey, 2008), and consequently to shorter life span.

(3) we predict that lepidosaurs in regions of low NPP require more time to reach maturity. Resource scarcity could also lead to slower metabolic rates, to longer development times and to the postponement of reproduction in favour of growth and somatic maintenance; this combination should result in longer life. (4) following Meiri *et al.* (2013), we predict a negative relationship between longevity and body temperature. This also leads us to predict that nocturnal species live for longer than similar-sized diurnal species. Both lower body temperature and nocturnal activity time may lead to a longer life span, owing to a slower rate of living, expressed in slower activity, metabolism, growth and reproduction. (5) we expect a negative correlation between longevity and reproduction intensity (number of broods per year and clutch or litter size), based on the predicted trade-off between reproduction and longevity, either due to pleiotropic effects or to accumulation of harmful mutations. (6) viviparous lepidosaurs are expected to mature later, to have slow reproduction and hence to live longer than oviparous species and species having multiple, small offspring. While oviparous females can have multiple clutches, viviparous females are often limited to a single litter or less each season (Shine, 2005; Meiri *et al.*, 2012). (7) we test for a link between lizard diet (carnivorous, herbivorous and omnivorous) and longevity. While all snakes are carnivorous, lizards have diverse diets; most species are carnivorous, but some are omnivorous or herbivorous (Pough, 1973). Similar to Wasser & Sherman (2010), we expect higher longevity in herbivorous lizards after correcting for size, because they may develop more slowly, leading to delayed reproduction, and have reduced extrinsic mortality, because of the lower risks involved in foraging.

METHODS

Data collection

We assembled a dataset on the maximum longevity of 1014 species (672 lizards, 336 snakes, five amphisbaenids and the tuatara, *Sphenodon punctatus*), belonging to 50 of the 67 lepidosaur families currently recognized world-wide (taxonomy follows Uetz, 2014). Data are from the literature, supplemented by data on animals born or kept at the Meier Segals Garden for Zoological Research, and now residing in the Steinhardt Museum of Natural History, Tel Aviv University (Tables S1–S3 in Supporting Information). Longevity data are the maximum age (in years) reported for each species. For captive animals that were caught as adults, we calculated longevity by adding the minimum age at first reproduction to those data. For example, Montanucci (1983) reported that an adult *Phrynosoma douglasii* was kept for 5.25 years in captivity; as the species takes 2 years to reach adulthood we used a conservative longevity value of 7.25 years. In some cases, reported life spans are shorter than the time other sources report it takes a species to reach maturity [e.g., Carey & Judge (2000) report the longevity of *Cyclura pinguis* as 3.2 years, whereas Iverson *et al.* (2004) report that this species takes 4–9 years to reach sexual maturity]. We omitted such cases from the dataset.

For each species, we collected literature data on body size, earliest age at first reproduction, field body temperature of

Table 2 Longevity as a function of body mass for the different lepidosaur clades (non-phylogenetic analyses). The effects of mass ($F_{1,996} = 500.9$), infraorder ($F_{9,996} = 17.42$) and their interaction ($F_{7,996} = 4.55$) are all significant ($P < 0.0001$ for all).

Clade	*n*	Longevity (mean; range)	R^2	Slope ± 1 SE	*t*	*P*	λ	Intercept ± 1 SE
Acrodontia	93	7.6; 0.5–33	0.224	0.236 ± 0.046	5.1	< 0.0001	0.548	0.373 ± 0.130
Amphisbaenia	5	10.7; 1.8–16	0.050	0.110 ± 0.277	0.4	0.717	0	0.744 ± 0.481
Anguimorpha	48	15.9; 2.5–62	0.195	0.161 ± 0.048	3.3	0.002	0.234	0.656 ± 0.153
Gekkota	171	9.3; 1.1–50	0.142	0.254 ± 0.048	5.3	< 0.0001	0.514	0.606 ± 0.109
Iguania	113	9.7; 1–60	0.355	0.327 ± 0.042	7.81	< 0.0001	0.278	0.187 ± 0.102
Laterata	95	7.6; 0.9–28	0.224	0.222 ± 0.045	4.9	< 0.0001	0.363	0.443 ± 0.110
Rhynchocephalia	1	91	–	–	–	–	–	–
Sauria	672	9.4; 0.5–62	0.22	0.257 ± 0.019	13.8	< 0.0001	0.628	0.443 ± 0.114
Scincimorpha	152	9.6; 1.25–44	0.076	0.318 ± 0.041	7.8	< 0.0001	0.624	0.357 ± 0.121
Serpentes	336	15.8; 3.4–47.5	0.073	0.097 ± 0.019	5.1	< 0.0001	0.409	0.840 ± 0.080

active individuals, reproductive mode (viviparous versus oviparous), clutch or litter size and brood frequency, diet (herbivorous, omnivorous or carnivorous) and activity time (diurnal, nocturnal or cathemeral; see Table 2 for sample sizes and Tables S1–S3 for data and references). We further recorded whether data were from captive or wild individuals. While animals in captivity usually get better access to food and medical treatment, the specific requirements of each species are sometimes difficult to fulfil (Mason, 2010). Furthermore, many records of captive animals, but fewer records of animals in the wild, are based on animals that were still alive at the time data were collected (e.g. many species in Slavens & Slavens 1999); the *Heloderma suspectum* specimens at the Meier Segals Garden for Zoological Research, Tel Aviv University is, likewise, still alive and well, at the age of at least 40).

Body size data for lizards are based on maximum snout–vent length (SVL, in mm) of individual species, because this is the commonest measure of lizard size reported in the literature. For snakes, body size is mainly based on maximum total length (TL, in mm). We converted body lengths to masses using clade-specific allometric relationships from Meiri (2010) (for lizards and amphisbaenians) and Feldman & Meiri (2013) (for snakes). Body masses better reflect the true size of animals than body length when examined over animals with highly different shapes, such as lizards and snakes. We updated these equations for some clades as required by taxonomic changes, or when better data became available. Thus, we used equations developed by Pincheira-Donoso *et al.* (2011) for *Liolaemus* and *Phymaturus*, Novosolov *et al.* (2013) for Gekkonidae *sensu stricto*, Sphaerodactylidae, Eublepharidae and *Anolis*, and Meiri *et al.* (2013) for limbed Anguidae. For the gekkotan clades Carphodactylidae, Diplodactylidae and Phyllodactylidae, for the Tropiduridae (*sensu stricto*) (Uetz, 2014) and for the snake clades Colubridae (*sensu stricto*) Dipsadidae, Natricidae, Pythonidae and Typhlopidae, we developed new allometric equations (Tables S4–S6).

Age at first reproduction can vary considerably across individuals, depending on a number of factors such as the climatic conditions within a species' range or the time in the year an individual hatched (i.e. whether an individual hatched from an early or a late clutch). We thus use the average age at first reproduction. For clutch or litter size and brood frequency we use species means, if available, or midpoints (e.g. the average between the largest and smallest known clutches) if means are not reported. Similarly, we use a midpoint of the largest and smallest mean if multiple means were reported. Diet is treated as a trichotomy with carnivorous lepidosaurs defined as those that do not take a substantial amount of plants (i.e. only occasionally and irregularly feed on plant material, or take < 10% of plants in the diet, if quantitative data are available). Species feeding mainly on plant material (> 50% of the diet) are treated as herbivorous and those between the two extremes (10–50% plants in the diet) are considered omnivorous. Some lizards shift their diet from carnivory to herbivory during ontogeny (see, e.g., Pough, 1973). However, because most of these species are large and long lived, we think that the adult diet, as used here, is most representative of their diet.

We mapped the global distribution of each species using published maps and locality data, museum records and expert-drawn maps (see http://www.gardinitiative.org/index.html). For each species we determined the latitudinal range centroid in ArcGIS10 (ESRI, 2013) and used the absolute value of latitude. For the calculation of environmental parameters we intersected species maps with average mean annual temperature within 0.16° × 0.16° grid cells from Hijmans *et al.* (2005), and recorded the average temperature of the species range. In a similar fashion, we intersected species ranges with NPP data (in g C m^{-2} $year^{-1}$) from Imhoff *et al.* (2004).

Phylogenetic analyses

For the phylogenetic comparative analyses we mainly relied on the recently published and dated phylogeny of over 4000 lepidosaur species by Pyron & Burbrink (2014) which has 897 of the 1014 species in our dataset. We repeated all analyses for all 1014 species by adding the other 117 species to this tree, according to phylogenetic data available in other works, or according to taxonomic affiliation (Tables S1 & S3). We repeated each test twice, once with the dated Pyron & Burbrink (2014) 897-species tree and once with the inclusive (1014 species) tree, for which we did not have data on branch lengths. Because the results of the two sets of analyses are, for the most part, qualitatively similar, we focus on the outcome of the analysis of the dated tree, and discuss the results obtained with the 1014-species tree only when they are qualitatively different.

In all statistical tests we accounted for shared ancestry using phylogenetic generalized least square (PGLS) tests, adjusting the strength of phylogenetic non-independence using the maximum likelihood value of the scaling parameter value λ (Pagel, 1999), implemented in the R package 'caper' (Orme *et al.*, 2012). Pagel's λ represents the magnitude of the phylogenetic signal in the data or, for regression models, the model residuals, and ranges between zero (no signal) and one (a signal consistent with Brownian motion).

Statistical analysis

We $\log_{10}$ transformed data on body mass, longevity, age at first reproduction, clutch or litter size, the number of broods per year and NPP in order to normalize residuals and reduce heteroscedasticity. All statistical tests were performed using R 2.15.2 (R Development Core Team, 2013).

To test for a link between body mass and longevity we regressed longevity on body mass. To investigate the interclade differences we repeated this test (longevity versus mass, not corrected for phylogeny) for seven lepidosaur clades: Acrodontia, Anguimorpha, Gekkota, Iguania, Laterata, Scincomorpha and Serpentes (snakes). Amphisbaenia, Scolecophidia and Rhynchocephalia were not included in these analyses because of the small sample size (Table 2). We used a phylogenetic ANCOVA to test for differences between clades in the relationship between mass and longevity. We did not test for mean annual temperature as it was tightly correlated with latitude ($R^2 = 0.70$), and latitude explained more of the variance in longevity. We had data on the mass, diet, mode of reproduction, latitude and NPP of all species. For activity time we lacked data for four species: *Eryx tataricus*, *Myrrophis chinensis*, *Lygophis anomalus* and *Sphaerodactylus pimienta*. To be able to use these species in our multivariate models we classify the first two as nocturnal and the latter two as diurnal, based on the behaviour of closely related species. For 31 species we cannot tell whether longevity data are from captive specimens or relate to longevity in the wild. Because data from captive individuals are much more common (818 species versus 165 from the wild in the rest of the dataset), and because data from the wild are usually well flagged as such, we arbitrarily ascribe the origin of the data for these 31 species as derived from captive individuals. Analyses omitting these species give qualitatively similar results (not shown).

We first conduct ANCOVA to test which of these seven variables [mass, latitude, NPP, captivity versus nature, diet, activity time and mode of reproduction (with two levels, oviparous versus viviparous; species with mixed reproductive strategies were assigned to the predominant mode, e.g. viviparity for *Zootoca vivipara*)] are related to longevity, using a backwards stepwise elimination procedure (based on *P*-values at $\alpha = 0.05$). We then examine the other variables (clutch size, hatchling/neonate size, number of broods per year, age at first reproduction, and body temperature) by adding them to the minimum adequate model of the previous step, one at a time (because the database for each comprises a different subset of species).

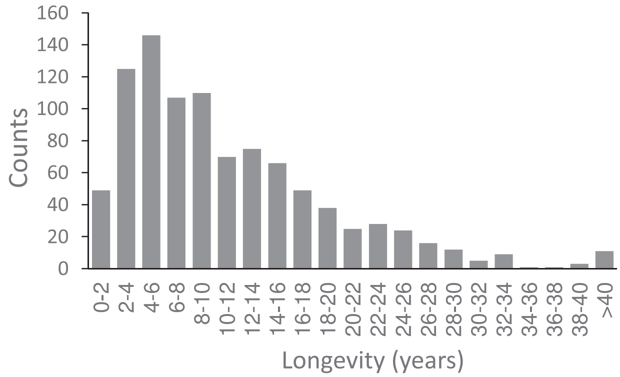

Figure 1 Frequency distribution of the maximum longevity of the 1014 species in the dataset.

RESULTS

The frequency distribution of lepidosaur longevities is depicted in Fig. 1. The lepidosaur clades differ significantly ($F_{9,1003} = 17.0$, $P < 0.0001$) in the intercept and slopes of their body mass versus longevity (Table 2). Although the slope is always positive, the clades can be divided into two groups: low slopes from 0.11 to 0.14 (Amphisbaenia, Anguimorpha, Laterata and Serpentes) and high slopes from 0.26 to 0.31 (Acrodontia, Scincomorpha, Iguania and Gekkota; Table 2). The scaling exponent between longevity and body mass for all lepidosaurs is 0.202 ± 0.009 (95% CI = 0.185–0.219).

We found that mass, latitude, NPP, data source (captivity versus wild) and diet are related to longevity, whereas activity time ($P = 0.22$) and mode of reproduction ($P = 0.12$) are not. Larger lepidosaurs and those inhabiting higher latitudes and regions with low NPP live for longer (Table 3), in accordance with our first three hypotheses. Omnivorous lepidosaurs live for *c.* 20% longer than carnivorous ones (corrected for the other six factors), and herbivorous lepidosaurs live for *c.* 20% longer than omnivores (Table 3). Finally, longevity is longer in captive individuals than in those studied in the wild by *c.* 13% (species for which we do not know whether records are from captivity or from the wild live even longer than captives, but are considered captive in all subsequent analyses). This five-predictor model explains 23.2% of the variation in longevity ($\lambda = 0.69$, $n = 897$; Table 3).

Hatchling size and age at first reproduction are positively correlated with longevity when added to the five-predictor model (Table 4). Clutch size and the number of broods per year were negatively correlated with longevity when added to this model, but adding body temperature to the model revealed no correlation between temperature and longevity (Table 4).

Analysing the full 1014-species dataset, we obtain qualitatively very similar results (i.e. the same factors were significant, with the same sign; Table 5), with two main differences: (1) NPP and data type were dropped from the full model (i.e. only mass, diet and latitude were retained); (2) in addition to the effects of age at first reproduction, the number of broods per year, clutch size and hatchling/neonate size, body temperature had a significant, negative relationship with longevity ($n = 437$, slope -0.005 ± 0.002, $t = -2.1$, $P = 0.033$, $\lambda = 0.423$, $R^2 = 0.379$). Interestingly, when adding the life-history factors to this model, data origin (wild or captive) regained significance (with captive specimens living longer) in all models (Table 5).

DISCUSSION

Our comparative study, including more than a thousand species across all major lepidosaur groups (except dibamid lizards), supports central predictions derived from the evolutionary theory of ageing (Hughes & Reynolds, 2005). Our results suggest that lepidosaur species exhibit a spectrum of life-history strategies, bounded by two extremes of fast and slow growth and reproduction rates. We found that long-living lepidosaurs are generally characterized by 'slow' life-history traits: delayed and infrequent reproduction, smaller clutches, larger hatchlings and colder body temperatures. As expected, the environment has a strong impact on longevity, and lepidosaurs at higher latitudes, and perhaps in less productive regions, live longer. Captive individuals live for longer than individuals in the wild, plausibly because of the absence of predators and the availability of veterinary care.

As predicted by theory, larger lepidosaur species live for longer. This logical pattern derives from the trade-off between growth and reproduction: growing to a large size delays reproduction because development takes longer, and it selects for longer life. Similar patterns have long been known for mammals and birds (e.g. Austad & Fischer, 1991; Healy *et al.*, 2014). Our results fit the expectation for a scaling exponent between longevity and body mass of 0.15 to 0.33 (calculated for mammals and birds; e.g. Speakman, 2005a). Nevertheless, we demonstrate large differences among clades, with gekkotans and iguanians having steeper slopes, and anguimorphs, snakes and members of the Laterata (lacertids, teiids, gymnophthalmids) having relatively shallow slopes. Furthermore, the generally accepted slope of 0.25 lies above the confidence interval exhibited by all lepidosaurs.

It is accepted that ageing is caused by the accumulation of free radicals and oxidants, both by-products of metabolism (Barja, 2004; Buttemer *et al.*, 2010). Yet the exact mechanism leading larger animals to live longer remains unclear, as many physiological traits correlate with body size (discussed in Speakman, 2005b). Body mass alone explained much less of the variance in lepidosaur longevity than in birds and mammals (e.g. 14 and 16% using the partial and full dataset versus over 60% in endotherms; de Magalhães *et al.*, 2007). Because mass explains little variation other life-history, environmental and clade-specific traits are likely to have a stronger effect on lepidosaur longevity than on endotherm longevity. We suggest that body temperatures of both active and inactive lepidosaurs, through their effects on metabolic rates, could also be major determinants of reptile longevity (see below).

Several components of fecundity were correlated with longevity. High investment in reproduction, expressed in frequent, large clutches is correlated with short life. The reproduction

Table 3 The basic model, with the five variables included in all analyses [body mass, latitude, net primary productivity (NPP), captive/wild and diet].

Factor	Estimate	SE	t	P
Intercept (carnivorous species, in captivity)	1.209	0.333	3.6	0.0003
In the wild	−0.058	0.024	−2.4	0.019
Diet (herbivorous species)	0.166	0.056	3.0	0.003
Diet (omnivorous species)	0.083	0.026	3.1	0.002
Body mass	0.198	0.015	13.4	< 0.0001
Latitude	0.005	0.001	5.3	< 0.0001
NPP	−0.060	0.026	−2.3	0.021

Estimates for body mass, latitude and NPP are slopes; estimates for diet and captive/wild individuals are intercepts. The first row is the intercept for carnivorous species in captivity. For species measured in the wild, for herbivores and for omnivores the intercept is calculated by adding the estimate value in the corresponding row. t and P-values for these categories refer to differences from specimens measured in captivity, and from carnivorous species.

Table 4 The relationship between longevity and life history factors, when these are added independently to a model containing diet, status (captive/wild), body mass, latitude and NPP.

Factor	Slope ± 1 SE	t	P	n	R^2 with factor	R^2 without factor	λ
Hatchling size	0.171 ± 0.033	5.3	< 0.0001	714	0.291	0.241	0.61
Age at first reproduction	0.479 ± 0.049	9.8	< 0.0001	378	0.540	0.390	0.46
No. of yearly broods	−0.172 ± 0.053	3.3	0.001	512	0.333	0.311	0.57
Clutch size	−0.139 ± 0.041	3.4	0.0007	849	0.254	0.241	0.71
Body temperature	−0.004 ± 0.003	1.5	0.128	402	0.379	0.357	0.42

Table 5 The minimum adequate model for the full 1014-species dataset and tree.

	Slope/ intercept	SE	t	P
Body mass	0.204	0.014	14.8	< 0.0001
Latitude	0.007	0.001	7.9	< 0.0001
Carnivorous species, captive	0.412	0.082	5.1	< 0.0001
Carnivorous species, in the wild*	0.371	0.024	−1.7	0.084
Herbivorous species†	0.590	0.049	3.7	0.0002
Omnivorous species†	0.506	0.025	3.8	0.0001

$n = 1014$ species, $\lambda = 0.461$, $R^2 = 0.247$.
Body mass and latitude estimate are slopes, all other are intercepts.
*SE, t and P-values are for difference from captive individuals.
†SE, t and P-values are for difference from carnivorous species; intercept is for captive individuals.

versus longevity trade-off is a common life-history feature which has been mainly measured within species (e.g. Seigel *et al.*, 1987; Stearns, 1992; Scharf *et al.*, 2013). Tinkle (1969), however, showed an interspecific trade-off between total offspring number per season and annual survivorship of 18 lizard species, explaining that reproduction entails some risk which affects survivorship.

Ectotherm development and body size are strongly influenced by temperature ('the temperature-size rule'; e.g. Kingsolver & Huey, 2008). Longevity is often shorter in warmer conditions, a phenomenon usually studied intraspecifically under controlled conditions (e.g. Valenzano *et al.*, 2006). The reason could be faster growth rate, leading to faster accumulation of harmful metabolic by-products and also earlier reproduction. Recent studies have differentiated between the habitat temperature and the actual body temperature of lizards (Meiri *et al.*, 2013), and the latter may have a higher impact on ectotherm survival (Conti, 2008). Latitude explains more of the variance in longevity than annual temperatures because it is correlated with additional climate components, such as precipitation, day length and season length. It has already been suggested that lizards at higher altitudes and latitudes live longer (e.g. Tomašević-Kolarov *et al.*, 2010). The latitude–longevity link may not be solely and directly related to temperature but to season length, and to lepidosaurs being inactive during longer periods of the year (e.g. Arribas & Galan, 2005). Inactivity is helpful in cold seasons when food supply is insufficient to support physiological body maintenance. Metabolism is further lowered on cold nights when animals are not foraging even during the active season when days are hot, reducing predation risk and intrinsic drivers of ageing. All these factors result in delayed growth and hence delayed reproduction, and longer life. The same factors may drive the correlation between NPP and longevity: animals having access to plenty of food would require a shorter development time and could start reproducing earlier, leading to reduced longevity. In spite of the statistical significance, NPP explained little of the variance in longevity. Moreover, the link between NPP and longevity disappeared when using the inclusive tree, requiring further caution with respect to this result.

Herbivores live for longer than carnivores of a similar size. Ingestion of a protein-rich diet (meat) may lead to faster growth, earlier and more intense reproduction and hence to shortened longevity (i.e. a faster life). This explanation was evoked by Fisher *et al.* (2001) while interpreting their results that herbivorous marsupials live for longer, have smaller litters and grow slowly. This pattern, however, is not supported by studies on birds. While it is difficult to evaluate the quality of food, African granivorous birds had shorter lives than insectivorous and nectarivorous birds consuming food with a lower fat content (Peach *et al.*, 2001). It is tempting to suggest a connection between poor nutrition and longevity through caloric restriction. The latter is a well-known factor, extending longevity in various organisms (e.g. Mair & Dillin, 2008). Although we have only indirect support for that, we see it as a fruitful direction for future research. Notably, in some species, no dietary effect on survival has been detected (e.g. bats; Wilkinson & South, 2002).

The longevity of lepidosaurs is greater in captivity, where predators are absent, food is in excess, veterinary care is available, movement is reduced and few risks are present (Mason, 2010). This is, however, not always the case, because the conditions required for animals in captivity are not always met.

Our dataset provides the first large-scale comparative study of longevity in ectotherms. However, a few words of caution are in order. We used the maximum known longevity for each species. Maxima are problematic because they are often based on very few individuals, usually kept in captivity, and they imply little about ageing processes. Furthermore, maxima are extremely sensitive to sample size, and we often found that a new literature source more than doubled a previous maximum estimate of a species' longevity. This is not easy to account for, as sample sizes are not recorded for most species [see Valcu *et al.* (2014) for an attempt to correct maximum longevity for how many times a species is mentioned in scientific publications as a proxy for how well known it is]. Most field guides and reptile care books simply state that members of a species can live to a certain age (e.g. Brown, 2012). Other reports are often anecdotal, for example for a marked specimen to have been found after a certain time (e.g. Bringsøe, 1998) without reference to the number of individuals originally marked; or a compilation will only state the age of a living or a dead individual (e.g. Slavens & Slavens, 1999). Such large compilations often cite one another, but little attention seems to be paid to obvious problems (such as maximum longevities apparently below the age at first reproduction). While we avoided such blatant errors here, undoubtedly some poor-quality data still remain.

Some of the data, both from captivity and from the wild, relate to individuals that were still alive when their longevity was reported (studies based on skeletochronology usually obtain longevity estimates from dead individuals). The often low quality of the data may explain why we only found a weak relationship between longevity and some factors that are often assumed to affect it. The relatively low amount of variance explained by body size, and the often substantial differences found between closely related species, may, in part, be an artefact of often poor data quality. That said, maximum longevity is the commonest metric of longevity in comparative studies (Prothero, 1993; Wilkinson & South, 2002; de Magalhães *et al*., 2007; Valcu *et al*., 2014; Healy *et al*., 2014, among others). The strengths of this study are its large scope and broad taxonomic sampling. The sources of error in such macroecological studies tend to average out (Brown, 1995). Nevertheless, as with other comparative studies (see discussion in Scharf & Meiri, 2013), we can only suggest a mechanism but not experimentally support it.

In summary, our results support fundamental predictions of life-history theory by showing a link between age at first reproduction, rate of reproduction and longevity. Moreover, environmental variables, related to season length and availability of food, are suggested to delay reproduction and increase longevity, in accord with our expectations. Body temperature and mean latitude of the distributional range are independently correlated with longevity (they are only loosely intercorrelated; Meiri *et al*., 2013), and animals in captivity live for longer than wild ones. We also found a difference in longevity between herbivorous and carnivorous lepidosaurs with respect to reproductive age: herbivorous lepidosaurs probably consume poorer food, hence reach maturity later and thus live longer. Future experiments could test this by feeding a set of lepidosaur species with different diets and exploring the consequences for growth and time to maturity. This study presents for the first time longevity patterns of a large dataset of ectotherms and opens many avenues for further research on the attributes that govern longevity in ectotherms.

ACKNOWLEDGEMENTS

The research leading to this paper was partially funded by the People Programme (Marie Curie Actions) of the European Union’s Seventh Framework Programme (FP7/2007–2013) under REA grant agreement no. [333442] to I.S. and an Israel Science Foundation grant 1005/12 to S.M. D.P.D. thanks the University of Lincoln for a Research Investment Fund (RIF) grant. We are grateful to Gavin Thomas, Adam Algar, Kevin Healy and two anonymous referees for their fruitful and constructive comments.

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Additional references to data sources used in this study can be found in Tables S2, S3 & S7.

SUPPORTING INFORMATION

Additional supporting information may be found in the online version of this article at the publisher's web-site.

Table S1 Data for all species included in the analysis.
Table S2 References for longevity data.
Table S3 References for the phylogenetic tree.
Table S4 Mass equations and methods.
Table S5 Lizard data for the mass equations.
Table S6 Snake data for the mass equations.
Table S7 References for the mass equations.

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Editor: Gavin Thomas

Supplementary material for the manuscript "Late bloomers and baby boomers: ecological drivers of longevity in squamates and the tuatara"

Table S1	Data of all species included in the analysis
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Table S7	References for the mass equations

sub-order	infraorder	Family	species	Longevity (years)	log mass (g)	log hatchling m	Activity time	diet	mode of reproduction	clutch size	broods per year	Body temperature (°C)	age at maturity (months)	latitude	log NPP	character (mass equation)	mass equation (from Meiri 2011 unless stated)	longevity data from	longevity data: source	phylogeny
Amphisbaenia	Amphisbaenia	Amphisbaenidae	Amphisbaena alba	15.2	3.01	0.18	Cathemeral	Carnivorous	Oviparous	6.5	1.0	25.0	NA	12.9	11.8	SVL	Amphisbaenidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Amphisbaenia	Amphisbaenia	Amphisbaenidae	Monopeltis capensis	1.8	1.50	-1.09	Diurnal	Carnivorous	Viviparous	2.0	NA	NA	NA	27.9	11.3	SVL	Amphisbaenidae	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Amphisbaenia	Amphisbaenia	Blanidae	Blanus cinereus	16.0	1.22	-0.39	Diurnal	Omnivorous	Oviparous	1.5	1.0	22.8	NA	39.3	11.3	SVL	Amphisbaenia	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Amphisbaenia	Amphisbaenia	Blanidae	Blanus strauchi	6.3	0.99	-0.12	Cathemeral	Carnivorous	Oviparous	1.5	NA	NA	36.0	36.9	11.2	SVL	Amphisbaenia	Captivity	TAUM	Pyron and Burbrink 2014
Amphisbaenia	Amphisbaenia	Trogonophiidae	Trogonophis wiegmanni	14.0	1.15	-0.41	Cathemeral	Carnivorous	Oviparous	3.5	0.8	22.0	30.0	34.0	11.0	SVL	Amphisbaenidae	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Rhynchocepha	Rhynchocephalia	Sphenodontidae	Sphenodon punctatus	91.0	3.11	0.67	Nocturnal	Carnivorous	Oviparous	9.4	0.2	13.5	144.0	36.7	10.6	SVL	derived from mass directly	unclear	Moore et al. 2007	Pyron and Burbrink 2014
Sauria	Acrodontia	Agamidae	Acanthocercus atricollis	10.9	2.09	-0.11	Diurnal	Carnivorous	Oviparous	11.4	1.0	39.8	NA	13.1	11.6	SVL	Agamidae	Captivity	TAUM	Pyron and Burbrink 2014
Sauria	Acrodontia	Agamidae	Acanthosaura armata	2.1	1.82	-0.23	Diurnal	Carnivorous	Oviparous	12.0	NA	NA	NA	19.2	11.5	SVL	Agamidae	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Acrodontia	Agamidae	Acanthosaura crucigera	2.6	1.96	NA	Diurnal	Carnivorous	Oviparous	14.0	NA	NA	NA	6.3	10.9	SVL	Agamidae	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Acrodontia	Agamidae	Agama aculeata	2.2	1.58	-0.38	Diurnal	Omnivorous	Oviparous	12.8	2.0	NA	NA	27.5	11.3	SVL	Agamidae	Captivity	Hughes 1988	Pyron and Burbrink 2014
Sauria	Acrodontia	Agamidae	Agama agama	8.0	1.91	-0.19	Diurnal	Omnivorous	Oviparous	8.8	2.0	35.9	14.0	9.7	11.3	SVL	Agamidae	Captivity	http://www.reptileforun	Pyron and Burbrink 2014
Sauria	Acrodontia	Agamidae	Agama caudospinosa	9.6	2.04	NA	Diurnal	Omnivorous	Oviparous	NA	NA	NA	NA	0.1	11.8	SVL	Agamidae	Captivity	TAUM	Pyron and Burbrink 2014
Sauria	Acrodontia	Agamidae	Agama etoshae	2.1	0.99	NA	Diurnal	Carnivorous	Oviparous	9.5	NA	NA	NA	18.0	11.1	SVL	Agamidae	Captivity	Hughes 1988	phylogeny of Leache et al. 2009 and taxonomy (
Sauria	Acrodontia	Agamidae	Agama hartmanni	2.1	1.26	NA	Diurnal	Carnivorous	Oviparous	NA	NA	NA	NA	17.8	10.5	SVL	Agamidae	Captivity	Slavens and Slavens 19	close to A. spinosa (Wagner and Bauer 2011), w
Sauria	Acrodontia	Agamidae	Agama impalearis	6.0	1.76	-0.34	Diurnal	Carnivorous	Oviparous	11.8	2.0	NA	12.0	27.7	10.4	SVL	Agamidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Sauria	Acrodontia	Agamidae	Agama lionotus	4.0	1.86	-0.23	Diurnal	Carnivorous	Oviparous	10.3	NA	NA	NA	2.1	11.7	SVL	Agamidae	Captivity	TAUM	Pyron and Burbrink 2014
Sauria	Acrodontia	Agamidae	Agama mwanzae	4.0	2.00	-0.15	Diurnal	Carnivorous	Oviparous	NA	NA	NA	NA	3.6	11.7	SVL	Agamidae	Captivity	TAUM	Pyron and Burbrink 2014
Sauria	Acrodontia	Agamidae	Agama planiceps	5.9	1.90	0.00	Diurnal	Omnivorous	Oviparous	6.5	2.0	39.8	NA	20.1	11.3	SVL	Agamidae	Captivity	TAUM	Pyron and Burbrink 2014
Sauria	Acrodontia	Agamidae	Agama rueppelli	3.2	1.30	-0.78	Diurnal	Carnivorous	Oviparous	NA	NA	NA	NA	5.2	11.1	SVL	Agamidae	Captivity	TAUM	Pyron and Burbrink 2014
Sauria	Acrodontia	Agamidae	Amphibolurus muricatus	4.0	1.67	-0.19	Diurnal	Carnivorous	Oviparous	5.6	2.5	35.4	10.5	32.5	11.6	SVL	Agamidae	Nature	Smith et al. 2013	Pyron and Burbrink 2014
Sauria	Acrodontia	Agamidae	Amphibolurus norrisi	7.0	1.58	-0.19	Diurnal	Omnivorous	Oviparous	4.8	1.5	NA	12.0	33.3	11.1	SVL	Agamidae	Nature	Smith et al. 2013	Pyron and Burbrink 2014
Sauria	Acrodontia	Agamidae	Calotes versicolor	5.0	1.91	-0.58	Diurnal	Carnivorous	Oviparous	13.7	2.5	30.9	9.0	23.3	11.3	SVL	Agamidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Sauria	Acrodontia	Agamidae	Chlamydosaurus kingii	15.0	2.79	0.42	Diurnal	Carnivorous	Oviparous	12.0	2.0	34.8	30.0	18.2	11.3	SVL	Agamidae	Captivity	Brown 2012	Pyron and Burbrink 2014
Sauria	Acrodontia	Agamidae	Ctenophorus decresii	9.0	1.23	-0.21	Diurnal	Carnivorous	Oviparous	4.8	NA	NA	NA	32.2	10.9	SVL	Agamidae	Captivity	Wilson 2012	Pyron and Burbrink 2014
Sauria	Acrodontia	Agamidae	Ctenophorus fionni	10.0	1.32	-0.17	Diurnal	Carnivorous	Oviparous	3.6	1.3	NA	NA	32.7	11.0	SVL	Agamidae	Captivity	Brown 2012	Pyron and Burbrink 2014
Sauria	Acrodontia	Agamidae	Ctenophorus fordi	2.0	0.65	-0.51	Diurnal	Carnivorous	Oviparous	2.3	2.5	37.0	9.1	31.2	10.9	SVL	Agamidae	Nature	Wilson 2012	Pyron and Burbrink 2014
Sauria	Acrodontia	Agamidae	Ctenophorus isolepis	2.0	1.12	-0.40	Diurnal	Carnivorous	Oviparous	3.8	2.5	40.5	7.5	23.8	10.9	SVL	Agamidae	Nature	Wilson 2012	Pyron and Burbrink 2014
Sauria	Acrodontia	Agamidae	Ctenophorus maculosus	3.5	0.90	-0.35	Diurnal	Carnivorous	Oviparous	3.2	2.0	38.4	10.0	29.7	10.5	SVL	Agamidae	Nature	Mitchell 1973	Pyron and Burbrink 2014
Sauria	Acrodontia	Agamidae	Ctenophorus nuchalis	11.0	1.69	-0.07	Diurnal	Omnivorous	Oviparous	3.7	2.5	39.8	10.5	25.0	10.9	SVL	Agamidae	Captivity	Brown 2012	Pyron and Burbrink 2014
Sauria	Acrodontia	Agamidae	Ctenophorus ornatus	11.0	1.30	-0.03	Diurnal	Carnivorous	Oviparous	3.1	2.0	38.1	22.5	30.9	11.2	SVL	Agamidae	Captivity	Heatwole and Taylor 1	Pyron and Burbrink 2014
Sauria	Acrodontia	Agamidae	Diporiphora nobbi	3.2	1.14	-0.35	Diurnal	Carnivorous	Oviparous	6.0	1.5	NA	NA	27.9	11.4	SVL	Agamidae	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Acrodontia	Agamidae	Diporiphora winneckei	6.0	0.90	-0.71	Diurnal	Omnivorous	Oviparous	4.0	5.0	35.3	12.0	24.6	10.8	SVL	Agamidae	Captivity	van der Reijden 2008	Pyron and Burbrink 2014
Sauria	Acrodontia	Agamidae	Draco volans	3.0	1.32	-0.40	Diurnal	Carnivorous	Oviparous	4.5	1.5	29.3	8.5	2.0	11.6	SVL	Agamidae	Nature	Alcala 1966	Pyron and Burbrink 2014
Sauria	Acrodontia	Agamidae	Hydrosaurus amboinensis	24.4	3.04	NA	Diurnal	Herbivorous	Oviparous	7.5	6.0	NA	NA	2.7	11.5	SVL	Agamidae	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Acrodontia	Agamidae	Hydrosaurus pustulatus	15.2	2.75	1.15	Diurnal	Herbivorous	Oviparous	7.5	3.5	NA	NA	14.5	11.4	SVL	Agamidae	Captivity	De Magalhaes and Cost	Siler et al. 2014
Sauria	Acrodontia	Agamidae	Hydrosaurus weberi	8.8	2.97	NA	Diurnal	Herbivorous	Oviparous	NA	NA	NA	NA	1.0	11.7	SVL	Agamidae	Captivity	Slavens and Slavens 19	Siler et al. 2014
Sauria	Acrodontia	Agamidae	Hypsilurus boydii	10.0	2.12	0.12	Diurnal	Carnivorous	Oviparous	3.0	1.5	NA	24.0	17.4	11.6	SVL	Agamidae	Captivity	Brown 2012	Pyron and Burbrink 2014
Sauria	Acrodontia	Agamidae	Hypsilurus spinipes	10.0	1.73	-0.19	Diurnal	Carnivorous	Oviparous	5.0	1.5	19.0	24.0	30.5	11.8	SVL	Agamidae	Captivity	Brown 2012	Pyron and Burbrink 2014
Sauria	Acrodontia	Agamidae	Intellagama lesueurii	28.0	2.78	0.36	Diurnal	Omnivorous	Oviparous	12.0	1.5	29.4	36.0	27.3	11.5	SVL	Agamidae	Captivity	Brown 2012	Pyron and Burbrink 2014
Sauria	Acrodontia	Agamidae	Laudakia nupta	8.9	2.10	0.28	Diurnal	Herbivorous	Oviparous	10	2	27.2	NA	30.4	10.5	SVL	Agamidae	Captivity	TAUM	Pyron and Burbrink 2014
Sauria	Acrodontia	Agamidae	Laudakia tuberculata	7.4	1.91	-0.30	Diurnal	Omnivorous	Oviparous	9.4	NA	NA	NA	33.0	11.1	SVL	Agamidae	Captivity	TAUM	Pyron and Burbrink 2014
Sauria	Acrodontia	Agamidae	Leiolepis belliana	5.6	2.14	0.21	Diurnal	Omnivorous	Oviparous	6.0	NA	NA	NA	4.6	11.4	SVL	Agamidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Sauria	Acrodontia	Agamidae	Leiolepis guttata	13.0	2.59	NA	Diurnal	Herbivorous	Oviparous	5.0	NA	NA	NA	12.2	11.5	SVL	Agamidae	Captivity	Ngo, pers. com.	Pyron and Burbrink 2014
Sauria	Acrodontia	Agamidae	Lyriocephalus scutatus	3.5	2.19	0.36	Diurnal	Carnivorous	Oviparous	3.7	NA	27.5	NA	6.8	11.7	SVL	Agamidae	Captivity	Carey and Judge 2000	Pyron and Burbrink 2014
Sauria	Acrodontia	Agamidae	Moloch horridus	13.8	1.64	-0.07	Diurnal	Carnivorous	Oviparous	7.3	1.0	32.9	24.0	25.2	10.9	SVL	Agamidae	Captivity	Greer 2005	Pyron and Burbrink 2014
Sauria	Acrodontia	Agamidae	Paralaudakia caucasia	13.0	1.97	0.13	Diurnal	Omnivorous	Oviparous	8.5	1.5	29.0	NA	35.1	10.7	SVL	Agamidae	Nature	Smirina and Ananjeva 2	Pyron and Burbrink 2014
Sauria	Acrodontia	Agamidae	Paralaudakia lehmanni	4.0	1.91	0.03	Diurnal	Omnivorous	Oviparous	10.0	2.0	NA	10.0	38.9	10.8	SVL	Agamidae	Captivity	TAUM	Pyron and Burbrink 2014
Sauria	Acrodontia	Agamidae	Paralaudakia stoliczkana	10.0	2.16	0.67	Diurnal	Carnivorous	Oviparous	NA	NA	NA	36.0	40.8	10.6	SVL	Agamidae	Nature	Smirina and Ananjeva 2	Pyron and Burbrink 2014
Sauria	Acrodontia	Agamidae	Phrynocephalus guttatus	5.0	0.80	-0.51	Diurnal	Omnivorous	Oviparous	3.2	2.0	NA	15.5	46.6	10.7	SVL	Agamidae	Nature	Ananjeva et al. 2003	Pyron and Burbrink 2014
Sauria	Acrodontia	Agamidae	Phrynocephalus mystaceus	3.8	1.6	-0.23	Diurnal	Carnivorous	Oviparous	5.0	1.5	32.3	24	43.5	10.5	SVL	Agamidae	Nature	Brushko 1979	Pyron and Burbrink 2014
Sauria	Acrodontia	Agamidae	Phrynocephalus persicus	5.0	0.67	-0.59	Diurnal	Carnivorous	Oviparous	4.5	2.5	38.0	10.5	36.5	10.9	SVL	Agamidae	Nature	Cicek et al. 2012	Solovyeva et al. 2011
Sauria	Acrodontia	Agamidae	Phrynocephalus theobaldi	8.0	0.62	-0.46	Diurnal	Omnivorous	Viviparous	2.2	1.0	32.0	16.0	34.3	10.8	SVL	Agamidae	Captivity	Schleich and Kastle 20	Pyron and Burbrink 2014
Sauria	Acrodontia	Agamidae	Physignathus cocincinus	18.0	2.59	0.31	Diurnal	Carnivorous	Oviparous	10.5	1.5	28.4	39	22.0	11.6	SVL	Agamidae	Captivity	Langerwerf 2006	Pyron and Burbrink 2014
Sauria	Acrodontia	Agamidae	Pogona barbata	13.0	2.59	0.01	Diurnal	Omnivorous	Oviparous	16.8	2.0	31.6	24.0	30.3	11.5	SVL	Agamidae	Captivity	TAUM	Pyron and Burbrink 2014
Sauria	Acrodontia	Agamidae	Pogona minor	6.0	2.08	0.10	Diurnal	Omnivorous	Oviparous	6.5	2.0	34.0	24.0	24.5	10.9	SVL	Agamidae	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Acrodontia	Agamidae	Pogona vitticeps	12.0	2.59	0.15	Diurnal	Omnivorous	Oviparous	20.8	3.5	34.6	24.0	27.3	10.9	SVL	Agamidae	unclear	Tacutu et al. 2013	Pyron and Burbrink 2014
Sauria	Acrodontia	Agamidae	Psammophilus dorsalis	4.0	1.82	NA	Diurnal	Carnivorous	Oviparous	7.5	2.0	32.3	NA	16.5	11.4	SVL	Agamidae	Nature	Castanet 1994	Stuart-Fox & Owens 2003
Sauria	Acrodontia	Agamidae	Pseudotrapelus sinaitus	6.2	1.50	-0.23	Diurnal	Carnivorous	Oviparous	5.3	1.0	39.0	12	21.3	10.5	SVL	Agamidae	Captivity	TAUM	Pyron and Burbrink 2014
Sauria	Acrodontia	Agamidae	Rankinia diemensis	10.0	1.14	-0.48	Diurnal	Carnivorous	Oviparous	5.40	1.5	32.0	NA	36.2	11.7	SVL	Agamidae	Captivity	Michael and Lindenmay	Pyron and Burbrink 2014
Sauria	Acrodontia	Agamidae	Saara asmussi	7.5	2.69	NA	Diurnal	Herbivorous	Oviparous	NA	NA	NA	NA	28.8	10.3	SVL	Agamidae	Captivity	Wilms 2005	Pyron and Burbrink 2014
Sauria	Acrodontia	Agamidae	Sitana ponticeriana	6.0	1.09	-1.16	Diurnal	Carnivorous	Oviparous	14.3	2.5	34.4	11.0	24.2	11.1	SVL	Agamidae	Nature	Pal et al. 2009	Pyron and Burbrink 2014
Sauria	Acrodontia	Agamidae	Stellagama stellio	10.4	2.77	-0.15	Diurnal	Omnivorous	Oviparous	8.9	2.5	33.8	24.0	35.0	10.9	SVL	Agamidae	Captivity	TAUM	Pyron and Burbrink 2014
Sauria	Acrodontia	Agamidae	Trapelus agilis	3.1	1.57	-0.28	Diurnal	Carnivorous	Oviparous	8	NA	38.0	NA	36.3	10.6	SVL	Agamidae	Captivity	TAUM	Pyron and Burbrink 2014
Sauria	Acrodontia	Agamidae	Trapelus agnetae	2.6	1.28	-0.11	Diurnal	Omnivorous	Oviparous	10.0	1.5	36.2	NA	21.7	10.4	SVL	Agamidae	Captivity	TAUM	Wagner et al. 2011
Sauria	Acrodontia	Agamidae	Trapelus mutabilis	4.8	1.36	-0.23	Diurnal	Omnivorous	Oviparous	8.5	1.5	35.8	NA	24.8	10.4	SVL	Agamidae	Captivity	TAUM	Pyron and Burbrink 2014
Sauria	Acrodontia	Agamidae	Trapelus sanguinolentus	8.1	2.21	-0.28	Diurnal	Omnivorous	Oviparous	7.5	3	35.4	24.0	43.4	10.5	SVL	Agamidae	Captivity	TAUM	Pyron and Burbrink 2014
Sauria	Acrodontia	Agamidae	Trapelus savignii	5.4	1.65	-0.19	Diurnal	Carnivorous	Oviparous	4.0	1.0	36.0	NA	30.6	10.6	SVL	Agamidae	Captivity	TAUM	Pyron and Burbrink 2014
Sauria	Acrodontia	Agamidae	Tympanocryptis centralis	6.0	0.57	-0.70	Diurnal	Carnivorous	Oviparous	7.0	NA	35.1	10.5	22.0	10.9	SVL	Agamidae	unclear	http://www.reptileresea	Shoo et al. 2008
Sauria	Acrodontia	Agamidae	Uromastyx acanthinura	26.0	3.22	0.45	Diurnal	Herbivorous	Oviparous	13.0	1.4	38.0	54.0	27.3	10.4	SVL	Agamidae	Captivity	Wilms 2005	Pyron and Burbrink 2014
Sauria	Acrodontia	Agamidae	Uromastyx aegyptia	33.0	3.28	0.67	Diurnal	Herbivorous	Oviparous	22.0	0.9	41.3	60.0	26.9	10.5	SVL	Agamidae	Nature	Bringsoe 1998	Pyron and Burbrink 2014
Sauria	Acrodontia	Agamidae	Uromastyx benti	8.0	2.27	0.35	Diurnal	Herbivorous	Oviparous	8.5	1.0	NA	NA	15.0	10.6	SVL	Agamidae	Captivity	Wilms 2005	Pyron and Burbrink 2014
Sauria	Acrodontia	Agamidae	Uromastyx dispar	17.0	2.50	NA	Diurnal	Herbivorous	Oviparous	17.0	1.0	NA	NA	21.7	10.3	SVL	Agamidae	Captivity	Tacutu et al. 2013	Pyron and Burbrink 2014
Sauria	Acrodontia	Agamidae	Uromastyx ocellata	16.0	2.12	0.75	Diurnal	Herbivorous	Oviparous	12.0	1.0	NA	NA	17.5	10.5	SVL	Agamidae	Captivity	Wilms 2005	Pyron and Burbrink 2014
Sauria	Acrodontia	Agamidae	Uromastyx ornata	18.0	2.36	0.43	Diurnal	Herbivorous	Oviparous	11.5	1.0	32.8	24.0	23.6	10.4	SVL	Agamidae	Captivity	TAUM	Pyron and Burbrink 2014
Sauria	Acrodontia	Chamaeleonidae	Bradypodion pumilum	3.4	1.40	-0.45	Diurnal	Carnivorous	Viviparous	12.5	3.0	27.2	7.0	34.2	11.4	SVL	Chamaeleonidae	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Acrodontia	Chamaeleonidae	Bradypodion thamnobates	2.3	1.40	NA	Diurnal	Omnivorous	Viviparous	18.5	1.5	NA	5.5	29.6	11.7	SVL	Chamaeleonidae	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Acrodontia	Chamaeleonidae	Brookesia ebenaui	5.0	0.60	NA	Diurnal	Carnivorous	Oviparous	NA	NA	NA	NA	12.8	11.4	SVL	Chamaeleonidae	Captivity	Necas 1999	Pyron and Burbrink 2014
Sauria	Acrodontia	Chamaeleonidae	Brookesia stumpffi	4.0	0.71	-0.40	Diurnal	Carnivorous	Oviparous	3.5	1.5	1.5	5	16.8	11.7	SVL	Chamaeleonidae	Captivity	Necas 1999	Pyron and Burbrink 2014
Sauria	Acrodontia	Chamaeleonidae	Calumma parsonii	6.5	2.62	NA	Diurnal	Carnivorous	Oviparous	38.0	1.0	NA	48	18.1	11.8	SVL	Chamaeleonidae	Captivity	http://online-field-guide	Pyron and Burbrink 2014
Sauria	Acrodontia	Chamaeleonidae	Chamaeleo chamaeleon	6.0	1.98	-0.15	Diurnal	Omnivorous	Oviparous	23.7	1.0	27.9	9.5	32.4	10.8	SVL	Chamaeleonidae	Captivity	Necas 1999	Pyron and Burbrink 2014
Sauria	Acrodontia	Chamaeleonidae	Chamaeleo dilepis	4.0	2.14	0.02	Diurnal	Carnivorous	Oviparous	39.6	1.0	31.6	12.0	13.4	11.6	SVL	Chamaeleonidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Sauria	Acrodontia	Chamaeleonidae	Chamaeleo gracilis	1.6	2.01	NA	Diurnal	Carnivorous	Oviparous	27.5	1.5	1.5	4.5	7.6	11.6	SVL	Chamaeleonidae	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Acrodontia	Chamaeleonidae	Chamaeleo namaquensis	1.4	1.91	-0.13	Diurnal	Omnivorous	Oviparous	13.2	2.5	31.5	5.0	24.6	10.8	SVL	Chamaeleonidae	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Acrodontia	Chamaeleonidae	Chamaeleo senegalensis	1.5	1.85	-0.25	Diurnal	Carnivorous	Oviparous	52.2	1.5	NA	5	9.0	11.6	SVL	Chamaeleonidae	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Acrodontia	Chamaeleonidae	Furcifer labordi	0.5	1.81	-0.51	Diurnal	Carnivorous	Oviparous	10.0	1.0	NA	2.0	19.6	11.8	SVL	Chamaeleonidae	Nature	Karsten et al. 2008	Pyron and Burbrink 2014
Sauria	Acrodontia	Chamaeleonidae	Furcifer lateralis	3.0	1.75	0.04	Diurnal	Omnivorous	Oviparous	13.5	4.0	NA	4.0	21.8	11.6	SVL	Chamaeleonidae	Captivity	Necas 1999	Pyron and Burbrink 2014
Sauria	Acrodontia	Chamaeleonidae	Furcifer oustaleti	5.0	2.64	0.40	Diurnal	Omnivorous	Oviparous	54.0	1.5	NA	12.0	17.7	11.6	SVL	Chamaeleonidae	Captivity	LeBerre 2009	Pyron and Burbrink 2014
Sauria	Acrodontia	Chamaeleonidae	Furcifer pardalis	6.0	2.43	0.21	Diurnal	Carnivorous	Oviparous	30.0	4.0	31.7	7	14.7	11.5	SVL	Chamaeleonidae	Captivity	LeBerre 2009	Pyron and Burbrink 2014
Sauria	Acrodontia	Chamaeleonidae	Furcifer polleni	5.0	1.41	NA	Diurnal	Carnivorous	Oviparous	9.0	NA	NA	NA	12.8	10.9	SVL	Chamaeleonidae	Captivity	Necas 1999	Pyron and Burbrink 2014
Sauria	Acrodontia	Chamaeleonidae	Kinyongia fischeri	3.8	2.17	NA	Diurnal	Carnivorous	Oviparous	21.0	NA	2.5	6	5.4	11.8	SVL	Chamaeleonidae	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Acrodontia	Chamaeleonidae	Nadzikambia mlanjensis	2.1	1.16	NA	Diurnal	Carnivorous	Oviparous	7.5	NA	NA	NA	16.0	11.7	SVL	Chamaeleonidae	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Acrodontia	Chamaeleonidae	Rieppeleon kerstenii	3.5	0.96	NA	Diurnal	Carnivorous	Oviparous	6.0	NA	NA	12.0	4.6	11.0	SVL	Chamaeleonidae	Captivity	Necas 1999	Pyron and Burbrink 2014
Sauria	Acrodontia	Chamaeleonidae	Trioceros affinis	5.0	1.12	NA	Diurnal	Carnivorous	Viviparous	16.0	NA	NA	NA	8.6	11.8	SVL	Chamaeleonidae	Captivity	Necas 1999	Pyron and Burbrink 2014
Sauria	Acrodontia	Chamaeleonidae	Trioceros ellioti	6.0	1.33	-0.20	Diurnal	Carnivorous	Viviparous	10.0	3.0	32.3	7.5	0.7	11.8	SVL	Chamaeleonidae	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Acrodontia	Chamaeleonidae	Trioceros hoehnelii	4.5	1.47	-0.30	Diurnal	Carnivorous	Viviparous	11.7	1.5	26.9	8.5	0.0	11.8	SVL	Chamaeleonidae	Nature	Measey et al. 2014	Pyron and Burbrink 2014
Sauria	Acrodontia	Chamaeleonidae	Trioceros jacksonii	9.0	1.96	-0.25	Diurnal	Carnivorous	Viviparous	17.0	1.5	30.4	13.5	0.6	11.8	SVL	Chamaeleonidae	Captivity	Rogner 1997	Pyron and Burbrink 2014
Sauria	Acrodontia	Chamaeleonidae	Trioceros melleri	12.0	2.59	0.30	Diurnal	Omnivorous	Oviparous	47.0	1.0	NA	18	8.2	11.7	SVL	Chamaeleonidae	Captivity	Necas 1999	Pyron and Burbrink 2014
Sauria	Acrodontia	Chamaeleonidae	Trioceros montium	10.0	1.59	NA	Diurnal	Carnivorous	Oviparous	6.5	4.0	NA	8.0	5.8	11.7	SVL	Chamaeleonidae	Captivity	Measey et al. 2014	Pyron and Burbrink 2014
Sauria	Acrodontia	Chamaeleonidae	Trioceros quadricornis	5.0	1.97	NA	Diurnal	Carnivorous	Oviparous	13.0	2.5	NA	8	6.2	11.7	SVL	Chamaeleonidae	Captivity	LeBerre 2009	Pyron and Burbrink 2014
Sauria	Anguimorpha	Anguidae	Abronia graminea	2.5	1.28	NA	Diurnal	Carnivorous	Viviparous	4.0	NA	NA	NA	18.7	11.7	SVL	legged anguids (Meiri et al. 2013)	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Anguimorpha	Anguidae	Abronia mixteca	4.6	1.79	NA	Diurnal	Carnivorous	Viviparous	7.0	NA	NA	NA	17.2	11.7	SVL	legged anguids (Meiri et al. 2013)	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Anguimorpha	Anguidae	Anguis fragilis	54.0	1.46	-0.36	Diurnal	Carnivorous	Viviparous	9.4	0.8	24.3	36.0	51.6	11.3	SVL	Limbless lizards	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Sauria	Anguimorpha	Anguidae	Celestus costatus	12.3	1.56	NA	Diurnal	Omnivorous	Viviparous	5.6	NA	NA	NA	18.8	11.6	SVL	legged anguids (Meiri et al. 2013)	Captivity	Henderson and Powell 2	genus data from Pyron and Burbrink 2014
Sauria	Anguimorpha	Anguidae	Celestus warreni	7.5	2.78	-0.21	Cathemeral	Carnivorous	Viviparous	21.0	NA	NA	NA	19.7	11.8	SVL	legged anguids (Meiri et al. 2013)	Captivity	Henderson and Powell 2	genus data from Pyron and Burbrink 2014
Sauria	Anguimorpha	Anguidae	Diploglossus monotropis	12.3	2.35	NA	Diurnal	Carnivorous	Oviparous	NA	NA	NA	NA	4.5	11.7	SVL	legged anguids (Meiri et al. 2013)	Captivity	De Magalhaes and Cost	genus data from Pyron and Burbrink 2014
Sauria	Anguimorpha	Anguidae	Elgaria coerulea	8.0	1.66	-0.60	Diurnal	Carnivorous	Viviparous	5.4	1.0	21.2	38.0	46.3	11.5	SVL	legged anguids (Meiri et al. 2013)	Nature	Rutherford 2004	Pyron and Burbrink 2014
Sauria	Anguimorpha	Anguidae	Elgaria kingii	15.0	1.70	NA	Diurnal	Carnivorous	Oviparous	12.0	1.0	NA	NA	28.5	11.3	SVL	legged anguids (Meiri et al. 2013)	Captivity	Degenhardt et al. 1996	Pyron and Burbrink 2014
Sauria	Anguimorpha	Anguidae	Elgaria multicarinata	15.0	2.07	-0.58	Cathemeral	Carnivorous	Oviparous	10.9	2.0	24.6	18.0	38.9	11.4	SVL	legged anguids (Meiri et al. 2013)	unclear	San Diego zoo factsheet	Pyron and Burbrink 2014
Sauria	Anguimorpha	Anguidae	Gerrhonotus parvus	6.0	0.79	NA	Diurnal	Carnivorous	Oviparous	4.0	NA	NA	NA	25.0	11.6	SVL	legged anguids (Meiri et al. 2013)	Captivity	Zaldivar Riveron et al. 2	Pyron and Burbrink 2014
Sauria	Anguimorpha	Anguidae	Mesaspis moreletii	2.8	1.13	NA	Diurnal	Carnivorous	Viviparous	6.0	NA	NA	NA	15.2	11.9	SVL	legged anguids (Meiri et al. 2013)	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Anguimorpha	Anguidae	Ophisaurus attenuatus	4.0	1.67	-0.19	Diurnal	Carnivorous	Oviparous	9.7	1.0	31.3	20	34.4	11.6	SVL	Limbless lizards	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Anguimorpha	Anguidae	Ophisaurus compressus	3.3	1.06	-0.52	Diurnal	Carnivorous	Oviparous	11.0	1.0	NA	NA	29.2	11.6	SVL	Limbless lizards	Captivity	Slavens and Slavens 19	was considered subspecies of A. ventralis
Sauria	Anguimorpha	Anguidae	Ophisaurus koellikeri	9.3	1.39	0.08	Diurnal	Carnivorous	Oviparous	NA	1.0	18.0	NA	33.0	10.9	SVL	leg-reduced lizards	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Anguimorpha	Anguidae	Ophisaurus ventralis	14.8	1.51	-0.38	Cathemeral	Carnivorous	Oviparous	11.0	1.0	NA	NA	31.4	11.6	SVL	Limbless lizards	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Sauria	Anguimorpha	Anguidae	Pseudopus apodus	54.0	2.62	0.62	Diurnal	Carnivorous	Oviparous	8.3	1.0	25.5	24.0	39.9	11.1	SVL	leg-reduced lizards	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Sauria	Anguimorpha	Anniellidae	Anniella pulchra	11.8	0.98	-0.19	Cathemeral	Carnivorous	Viviparous	1.7	0.8	21.8	30.0	34.7	11.3	SVL	Limbless lizards	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Anguimorpha	Helodermatidae	Heloderma horridum	44.0	3.48	1.45	Cathemeral	Carnivorous	Oviparous	8.0	1.0	29.5	84.0	21.2	11.6	SVL	Anguimorpha	Captivity	Mitchell 2006	Pyron and Burbrink 2014
Sauria	Anguimorpha	Helodermatidae	Heloderma suspectum	40.0	2.98	1.66	Cathemeral	Carnivorous	Oviparous	5.4	0.8	28.6	24.0	32.3	11.0	SVL	Anguimorpha	Captivity	TAUM	Pyron and Burbrink 2014
Sauria	Anguimorpha	Lanthanotidae	Lanthanotus borneensis	7.8	3.13	NA	Nocturnal	Carnivorous	Oviparous	4.0	NA	NA	NA	2.1	12.0	SVL	Anguimorpha	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Anguimorpha	Shinisauridae	Shinisaurus crocodilurus	11.4	3.13	0.60	Diurnal	Carnivorous	Viviparous	8.5	NA	NA	NA	24.1	11.5	SVL	Anguimorpha	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Anguimorpha	Varanidae	Varanus acanthurus	10.0	2.46	0.52	Diurnal	Carnivorous	Oviparous	9.3	1.0	NA	16.5	20.9	11.0	SVL	Varanidae	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Anguimorpha	Varanidae	Varanus albigularis	16.7	4.18	1.40	Diurnal	Carnivorous	Oviparous	32.0	1.0	32.3	54.0	9.6	11.5	SVL	Varanidae	Captivity	King and Green 1999	Pyron and Burbrink 2014
Sauria	Anguimorpha	Varanidae	Varanus bengalensis	22.0	4.26	0.97	Diurnal	Carnivorous	Oviparous	20.2	1.5	34.0	33.0	21.0	11.2	SVL	Varanidae	Captivity	Schleich and Kastle 20	Pyron and Burbrink 2014
Sauria	Anguimorpha	Varanidae	Varanus caudolineatus	12	1.57	0.14	Diurnal	Carnivorous	Oviparous	3.7	1	37.6	5.0	25.5	10.9	SVL	Varanidae	Captivity	http://www.breeders-ex	Pyron and Burbrink 2014
Sauria	Anguimorpha	Varanidae	Varanus dumerilii	10.7	3.60	0.94	Cathemeral	Carnivorous	Oviparous	20.9	NA	NA	NA	2.2	11.9	SVL	Varanidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Sauria	Anguimorpha	Varanidae	Varanus exanthematicus	17.0	4.00	0.67	Diurnal	Carnivorous	Oviparous	19.1	3.0	34.0	NA	10.4	11.3	SVL	Varanidae	Captivity	De Lisle 1996	Pyron and Burbrink 2014
Sauria	Anguimorpha	Varanidae	Varanus flavescens	10.5	3.47	0.55	Diurnal	Carnivorous	Oviparous	12.3	1.0	NA	36.0	26.6	11.1	SVL	Varanidae	Captivity	King and Green 1999	Pyron and Burbrink 2014
Sauria	Anguimorpha	Varanidae	Varanus giganteus	19.7	4.33	1.74	Diurnal	Carnivorous	Oviparous	9.0	1.0	37.2	NA	24.9	10.8	SVL	Varanidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Sauria	Anguimorpha	Varanidae	Varanus gilleni	5.0	2.07	0.40	Diurnal	Carnivorous	Oviparous	4.3	1.0	37.4	NA	24.7	10.8	SVL	Varanidae	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Anguimorpha	Varanidae	Varanus gouldii	18.3	3.84	0.61	Diurnal	Carnivorous	Oviparous	6.6	1.0	31.5	NA	25.2	11.1	SVL	Varanidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Sauria	Anguimorpha	Varanidae	Varanus griseus	21.0	3.74	1.08	Diurnal	Carnivorous	Oviparous	15.8	0.7	37.3	42.0	26.9	10.5	SVL	Varanidae	Captivity	Castanet 1994	Pyron and Burbrink 2014
Sauria	Anguimorpha	Varanidae	Varanus indicus	17.4	3.64	1.22	Diurnal	Carnivorous	Oviparous	7.9	NA	30.0	NA	8.2	11.5	SVL	Varanidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Sauria	Anguimorpha	Varanidae	Varanus komodoensis	62.0	5.01	1.91	Diurnal	Carnivorous	Oviparous	18.3	1.8	35.3	84.0	8.6	11.1	SVL	Varanidae	Nature	Laver et al. 2012	Pyron and Burbrink 2014
Sauria	Anguimorpha	Varanidae	Varanus kordensis	14.3	2.56	0.94	Diurnal	Carnivorous	Oviparous	3.5	2.0	NA	NA	0.9	11.1	SVL	Varanidae	Captivity	Slavens and Slavens 19	Ziegler et al. 2007
Sauria	Anguimorpha	Varanidae	Varanus melinus	8.5	3.46	1.33	Diurnal	Carnivorous	Oviparous	5.4	2.5	NA	NA	1.9	11.2	SVL	Varanidae	Captivity	Ziegler et al. 2010	Pyron and Burbrink 2014
Sauria	Anguimorpha	Varanidae	Varanus mertensi	20.3	3.43	1.19	Diurnal	Carnivorous	Oviparous	9.7	2.5	33.4	35.1	16.8	11.2	SVL	Varanidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Sauria	Anguimorpha	Varanidae	Varanus mitchelli	6.6	2.91	0.63	Diurnal	Carnivorous	Oviparous	11.9	NA	NA	NA	14.6	11.3	SVL	Varanidae	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Anguimorpha	Varanidae	Varanus niloticus	14.6	4.38	1.37	Diurnal	Carnivorous	Oviparous	23.4	1.0	30.8	24.0	4.2	11.4	SVL	Varanidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Sauria	Anguimorpha	Varanidae	Varanus olivaceus	15.2	3.96	1.53	Diurnal	Herbivorous	Oviparous	7.1	1.5	31.6	24.0	15.5	11.4	SVL	Varanidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Sauria	Anguimorpha	Varanidae	Varanus prasinus	15.4	2.76	0.97	Diurnal	Carnivorous	Oviparous	4.4	2.4	NA	33.4	5.3	11.6	SVL	Varanidae	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Anguimorpha	Varanidae	Varanus salvadorii	7.6	4.18	1.37	Diurnal	Carnivorous	Oviparous	6.8	NA	NA	NA	5.2	11.7	SVL	Varanidae	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Anguimorpha	Varanidae	Varanus salvator	15.7	4.62	1.43	Diurnal	Carnivorous	Oviparous	9.0	2.0	29.5	24.0	11.3	11.6	SVL	Varanidae	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Anguimorpha	Varanidae	Varanus spenceri	4.3	3.64	1.47	Diurnal	Carnivorous	Oviparous	19.8	1.0	NA	NA	21.2	11.0	SVL	Varanidae	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Anguimorpha	Varanidae	Varanus timorensis	14.9	2.64	0.33	Diurnal	Carnivorous	Oviparous	8.0	NA	NA	NA	9.0	11.5	SVL	Varanidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Sauria	Anguimorpha	Varanidae	Varanus tristis	8.3	2.74	0.65	Diurnal	Carnivorous	Oviparous	9.1	1.5	34.2	24	23.3	11.0	SVL	Varanidae	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Anguimorpha	Varanidae	Varanus varius	22.0	4.03	1.24	Diurnal	Carnivorous	Oviparous	7.6	2.0	34.9	84.0	30.1	11.5	SVL	Varanidae	Captivity	Greer 1989	Pyron and Burbrink 2014
Sauria	Anguimorpha	Xenosauridae	Xenosaurus grandis	12.8	1.62	0.16	Diurnal	Carnivorous	Viviparous	4.2	0.4	22.7	32.0	17.6	11.8	SVL	Anguimorpha	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Gekkota	Carphodactylidae	Nephrurus amyae	13.0	1.57	NA	Nocturnal	Carnivorous	Oviparous	2.0	NA	NA	17.0	23.9	10.9	SVL	Carphodactylidae (Meiri, unpublished)	Captivity	Brown 2012	Pyron and Burbrink 2014
Sauria	Gekkota	Carphodactylidae	Nephrurus asper	10.0	1.42	0.40	Nocturnal	Carnivorous	Oviparous	2.0	1.5	NA	18.0	21.2	11.3	SVL	Carphodactylidae (Meiri, unpublished)	Captivity	Werner et al. 1993	Pyron and Burbrink 2014
Sauria	Gekkota	Carphodactylidae	Nephrurus stellatus	8.0	1.22	-0.33	Nocturnal	Carnivorous	Oviparous	2.0	NA	NA	15.0	31.9	11.0	SVL	Carphodactylidae (Meiri, unpublished)	Nature	Smith et al. 2013	Pyron and Burbrink 2014
Sauria	Gekkota	Carphodactylidae	Phyllurus platurus	20.0	1.36	0.21	Nocturnal	Carnivorous	Oviparous	2.0	1.5	NA	30.0	34.2	11.5	SVL	Carphodactylidae (Meiri, unpublished)	Captivity	Iezzi 2008	Pyron and Burbrink 2014
Sauria	Gekkota	Carphodactylidae	Saltuarius cornutus	2.0	1.74	0.54	Nocturnal	Carnivorous	Oviparous	2.0	1.5	NA	NA	17.3	11.6	SVL	Carphodactylidae (Meiri, unpublished)	Captivity	Werner et al. 1993	Pyron and Burbrink 2014
Sauria	Gekkota	Carphodactylidae	Underwoodisaurus milii	18.0	1.36	0.20	Nocturnal	Carnivorous	Oviparous	2.0	3.0	18.5	10.5	31.0	11.2	SVL	Carphodactylidae (Meiri, unpublished)	Captivity	Brown 2012	Pyron and Burbrink 2014
Sauria	Gekkota	Carphodactylidae	Uvidicolus sphyrurus	10.0	0.90	0.25	Nocturnal	Carnivorous	Oviparous	2.0	NA	NA	NA	29.6	11.7	SVL	Carphodactylidae (Meiri, unpublished)	Captivity	Werner et al. 1993	Pyron and Burbrink 2014
Sauria	Gekkota	Diplodactylidae	Amalosia lesueurii	9.5	1.01	-0.36	Nocturnal	Carnivorous	Oviparous	2.0	1.5	NA	NA	31.5	11.6	SVL	Diplodactylidae (Meiri, unpublished)	Nature	Wilson 2012	Pyron and Burbrink 2014
Sauria	Gekkota	Diplodactylidae	Bavayia cyclura	8.0	0.87	NA	Nocturnal	Carnivorous	Oviparous	2.0	NA	NA	NA	21.0	11.5	SVL	Diplodactylidae (Meiri, unpublished)	Captivity	Werner et al. 1993	Pyron and Burbrink 2014
Sauria	Gekkota	Diplodactylidae	Correlophus sarasinorum	3.6	1.71	NA	Nocturnal	Carnivorous	Oviparous	2.0	NA	NA	NA	22.2	11.5	SVL	Diplodactylidae (Meiri, unpublished)	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Gekkota	Diplodactylidae	Dactylocnemis pacificus	13.0	1.31	NA	Nocturnal	Omnivorous	Viviparous	2.0	1.0	NA	NA	37.6	11.5	SVL	Diplodactylidae (Meiri, unpublished)	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Sauria	Gekkota	Diplodactylidae	Diplodactylus conspicillatus	3.2	0.74	-0.50	Nocturnal	Carnivorous	Oviparous	2.0	4.0	31.0	10	24.0	10.9	SVL	Diplodactylidae (Meiri, unpublished)	Nature	Read 1999	Pyron and Burbrink 2014
Sauria	Gekkota	Diplodactylidae	Diplodactylus vittatus	3.0	0.62	-0.53	Nocturnal	Carnivorous	Oviparous	2.0	NA	20.9	NA	30.1	11.4	SVL	Diplodactylidae (Meiri, unpublished)	Captivity	Werner et al. 1993	Pyron and Burbrink 2014
Sauria	Gekkota	Diplodactylidae	Hesperoedura reticulata	11.0	0.86	-0.48	Nocturnal	Carnivorous	Oviparous	2.1	1.0	22.5	52.5	32.5	11.4	SVL	Diplodactylidae (Meiri, unpublished)	Nature	Kitchener et al. 1988	Pyron and Burbrink 2014
Sauria	Gekkota	Diplodactylidae	Hoplodactylus duvaucelii	50.0	1.94	0.01	Nocturnal	Omnivorous	Viviparous	2.0	0.5	15.0	78.0	36.9	11.1	SVL	Diplodactylidae (Meiri, unpublished)	Nature	Wilson 2010	Pyron and Burbrink 2014
Sauria	Gekkota	Diplodactylidae	Lucasium damaeum	6.8	0.57	-0.83	Nocturnal	Carnivorous	Oviparous	2.0	2.0	24.2	5.4	29.0	10.8	SVL	Diplodactylidae (Meiri, unpublished)	Captivity	Werner et al. 1993	Pyron and Burbrink 2014
Sauria	Gekkota	Diplodactylidae	Lucasium stenodactylum	5.0	0.69	-0.56	Nocturnal	Carnivorous	Oviparous	2.0	3.5	27.1	11.0	22.7	10.9	SVL	Diplodactylidae (Meiri, unpublished)	Nature	Read 1999	Pyron and Burbrink 2014
Sauria	Gekkota	Diplodactylidae	Mniarogekko chahoua	5.0	1.82	0.19	Nocturnal	Omnivorous	Oviparous	2.0	NA	NA	15.0	21.0	11.5	SVL	Diplodactylidae (Meiri, unpublished)	Captivity	Werner 1993	Pyron and Burbrink 2014
Sauria	Gekkota	Diplodactylidae	Mokopirirakau granulatus	21.0	1.24	NA	Cathemeral	Omnivorous	Viviparous	2.0	1.0	NA	NA	39.3	11.4	SVL	Diplodactylidae (Meiri, unpublished)	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014

Sauria	Gekkota	Diplodactylidae	*Mokopirirakau kahutarae*	25.0	1.18	NA	Nocturnal	Carnivorous	Viviparous	NA	NA	NA	NA	42.0	11.1	SVL	Diplodactylidae (Meiri, unpublished)	Captivity	NZ Lizard database, htt	Pyron and Burbrink 2014
Sauria	Gekkota	Diplodactylidae	*Naultinus elegans*	23.0	0.84	NA	Diurnal	Carnivorous	Viviparous	1.5	1.0	NA	NA	37.4	11.4	SVL	Diplodactylidae (Meiri, unpublished)	Captivity	Anastasiadis and Whita	Pyron and Burbrink 2014
Sauria	Gekkota	Diplodactylidae	*Naultinus gemmeus*	16.0	1.01	-0.16	Diurnal	Omnivorous	Viviparous	1.9	1.0	NA	NA	44.5	11.4	SVL	Diplodactylidae (Meiri, unpublished)	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Sauria	Gekkota	Diplodactylidae	*Naultinus grayii*	23.0	1.24	NA	Diurnal	Herbivorous	Viviparous	1.0	1.0	NA	18.0	35.0	11.2	SVL	Diplodactylidae (Meiri, unpublished)	Captivity	Werner et al. 1993	Pyron and Burbrink 2014
Sauria	Gekkota	Diplodactylidae	*Naultinus manukanus*	30.0	1.03	-0.05	Diurnal	Carnivorous	Viviparous	1.9	1.0	23.8	48.0	41.8	11.2	SVL	Diplodactylidae (Meiri, unpublished)	Captivity	Hare et al. 2007	Pyron and Burbrink 2014
Sauria	Gekkota	Diplodactylidae	*Naultinus punctatus*	7.0	1.24	NA	Diurnal	Omnivorous	Viviparous	NA	1.0	NA	NA	40.0	11.5	SVL	Diplodactylidae (Meiri, unpublished)	Captivity	Slavens and Slavens 19	Nielsen et al. 2011
Sauria	Gekkota	Diplodactylidae	*Naultinus rudis*	13.0	0.87	NA	Diurnal	Omnivorous	Viviparous	2.0	NA	29.6	NA	42.2	11.4	SVL	Diplodactylidae (Meiri, unpublished)	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Sauria	Gekkota	Diplodactylidae	*Naultinus stellatus*	10.0	1.01	NA	Diurnal	Carnivorous	Viviparous	2.0	1.0	22.9	21	41.3	11.6	SVL	Diplodactylidae (Meiri, unpublished)	Captivity	Werner et al. 1993	Pyron and Burbrink 2014
Sauria	Gekkota	Diplodactylidae	*Nebulifera robusta*	8.0	1.09	-0.06	Nocturnal	Carnivorous	Oviparous	2.0	NA	NA	NA	27.3	11.5	SVL	Diplodactylidae (Meiri, unpublished)	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Gekkota	Diplodactylidae	*Oedura marmorata*	21.2	1.44	-0.03	Nocturnal	Carnivorous	Oviparous	2.0	4.5	25.4	12.0	22.7	11.0	SVL	Diplodactylidae (Meiri, unpublished)	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Sauria	Gekkota	Diplodactylidae	*Oedura monilis*	14.0	1.28	-0.20	Nocturnal	Carnivorous	Oviparous	2.0	1.5	NA	30.0	24.4	11.5	SVL	Diplodactylidae (Meiri, unpublished)	Captivity	Werner et al. 1993	Pyron and Burbrink 2014
Sauria	Gekkota	Diplodactylidae	*Oedura tryoni*	22.0	1.13	-0.05	Nocturnal	Carnivorous	Oviparous	2.0	2.0	21.8	25.0	27.7	11.6	SVL	Diplodactylidae (Meiri, unpublished)	Captivity	Wilson 2012	Pyron and Burbrink 2014
Sauria	Gekkota	Diplodactylidae	*Pseudothecadactylus lindneri*	18.0	1.40	0.28	Nocturnal	Omnivorous	Oviparous	2.0	NA	NA	15.0	15.1	11.3	SVL	Diplodactylidae (Meiri, unpublished)	Captivity	Brown 2012	Pyron and Burbrink 2014
Sauria	Gekkota	Diplodactylidae	*Rhacodactylus auriculatus*	8.0	1.61	0.16	Nocturnal	Omnivorous	Oviparous	2.0	4.5	NA	NA	21.5	11.5	SVL	Diplodactylidae (Meiri, unpublished)	Captivity	Werner et al. 1993	Pyron and Burbrink 2014
Sauria	Gekkota	Diplodactylidae	*Rhacodactylus leachianus*	30.0	2.68	0.64	Nocturnal	Omnivorous	Oviparous	1.5	6.0	NA	24.0	21.5	11.5	SVL	Diplodactylidae (Meiri, unpublished)	Captivity	Werner et al. 1993	Pyron and Burbrink 2014
Sauria	Gekkota	Diplodactylidae	*Rhynchoedura ornata*	2.8	0.56	-0.58	Nocturnal	Carnivorous	Oviparous	2.0	3.5	30.7	11.0	25.0	10.9	SVL	Diplodactylidae (Meiri, unpublished)	Nature	Read 1999	Pyron and Burbrink 2014
Sauria	Gekkota	Diplodactylidae	*Strophurus ciliaris*	7.0	1.16	-0.29	Nocturnal	Carnivorous	Oviparous	2.0	7.0	26.2	36.0	22.6	10.9	SVL	Diplodactylidae (Meiri, unpublished)	Captivity	Greer 2005	Pyron and Burbrink 2014
Sauria	Gekkota	Diplodactylidae	*Strophurus elderi*	4.7	0.35	-0.89	Nocturnal	Carnivorous	Oviparous	2.0	2.0	27.2	NA	25.9	10.8	SVL	Diplodactylidae (Meiri, unpublished)	Captivity	Werner et al. 1993	Pyron and Burbrink 2014
Sauria	Gekkota	Diplodactylidae	*Strophurus strophurus*	1.7	0.95	-0.45	Nocturnal	Carnivorous	Oviparous	2.0	NA	25.3	NA	25.7	10.8	SVL	Diplodactylidae (Meiri, unpublished)	Captivity	Werner et al. 1993	Pyron and Burbrink 2014
Sauria	Gekkota	Diplodactylidae	*Toropuku stephensi*	16.0	1.09	NA	Nocturnal	Carnivorous	Viviparous	1.9	0.4	NA	NA	37.2	10.8	SVL	Diplodactylidae (Meiri, unpublished)	Nature	Bauer 2013	Pyron and Burbrink 2014
Sauria	Gekkota	Diplodactylidae	*Woodworthia brunneus*	42.0	1.01	-0.31	Nocturnal	Carnivorous	Viviparous	2.0	NA	11.5	48	43.2	10.8	SVL	Diplodactylidae (Meiri, unpublished)	Nature	Lettink and Whitaker 2(	Garcia-Porta and Ord 2013
Sauria	Gekkota	Diplodactylidae	*Woodworthia chrysosireticus*	9.0	0.84	NA	Cathemeral	Carnivorous	Viviparous	2.0	1.0	NA	NA	39.5	11.7	SVL	Diplodactylidae (Meiri, unpublished)	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Gekkota	Diplodactylidae	*Woodworthia maculatus*	37.0	1.16	-0.64	Nocturnal	Omnivorous	Viviparous	1.9	0.8	19.7	48.0	39.8	11.3	SVL	Diplodactylidae (Meiri, unpublished)	Captivity	NZ Lizard database, htt	Pyron and Burbrink 2014
Sauria	Gekkota	Eublepharidae	*Coleonyx brevis*	5.0	0.74	-0.77	Nocturnal	Carnivorous	Oviparous	2.0	2.5	28.1	12	28.6	11.1	SVL	Eublepharidae (Novosolov et al. 2013)	unclear	Aguirre and Gatica 2010	Pyron and Burbrink 2014
Sauria	Gekkota	Eublepharidae	*Coleonyx elegans*	11.0	1.57	-0.06	Nocturnal	Carnivorous	Oviparous	2.0	3.0	NA	NA	18.2	11.8	SVL	Eublepharidae (Novosolov et al. 2013)	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Sauria	Gekkota	Eublepharidae	*Coleonyx reticulatus*	8.9	1.22	0.01	Nocturnal	Carnivorous	Oviparous	2.0	2.0	28.0	30	28.0	11.0	SVL	Eublepharidae (Novosolov et al. 2013)	Captivity	Slavens and Slavens 19	Kratochvil & Frynta 2002
Sauria	Gekkota	Eublepharidae	*Coleonyx variegatus*	15.2	0.94	-0.51	Nocturnal	Carnivorous	Oviparous	2.0	2.0	26.1	11.0	32.4	10.9	SVL	Eublepharidae (Novosolov et al. 2013)	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Sauria	Gekkota	Eublepharidae	*Eublepharis macularius*	29.0	2.02	0.34	Nocturnal	Carnivorous	Oviparous	2.5	2.5	NA	13.0	26.8	10.9	SVL	Eublepharidae (Novosolov et al. 2013)	Captivity	Bauer 2013	Pyron and Burbrink 2014
Sauria	Gekkota	Eublepharidae	*Goniurosaurus kuroiwae*	9.4	1.31	-0.26	Nocturnal	Carnivorous	Oviparous	2.0	3.0	26.0	20	26.7	10.7	SVL	Eublepharidae (Novosolov et al. 2013)	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Gekkota	Eublepharidae	*Hemitheconyx caudicinctus*	16.2	1.97	0.26	Nocturnal	Carnivorous	Oviparous	2.0	NA	NA	12.0	11.2	11.5	SVL	Eublepharidae (Novosolov et al. 2013)	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Sauria	Gekkota	Gekkonidae	*Afroedura africana*	3.6	0.75	NA	Diurnal	Carnivorous	Oviparous	2.0	NA	NA	0	29.6	11.0	SVL	Gekkoninae (Novosolov et al. 2013)	Captivity	Werner et al. 1993	Genus (Pyron and Burbrink 2014)
Sauria	Gekkota	Gekkonidae	*Afroedura transvaalica*	2.1	0.90	-0.31	Nocturnal	Carnivorous	Oviparous	1.5	NA	NA	NA	19.8	11.5	SVL	Gekkoninae (Novosolov et al. 2013)	Captivity	Slavens and Slavens 19	Genus (Pyron and Burbrink 2014)
Sauria	Gekkota	Gekkonidae	*Ailuronyx seychellensis*	6.2	1.46	-0.16	Nocturnal	Omnivorous	Oviparous	1.5	NA	NA	NA	4.6	10.9	SVL	Gekkoninae (Novosolov et al. 2013)	Captivity	Werner et al. 1993	Pyron and Burbrink 2014
Sauria	Gekkota	Gekkonidae	*Alsophylax pipiens*	3.5	0.23	-0.84	Nocturnal	Carnivorous	Oviparous	1.5	3.0	25.2	12.0	46.5	10.6	SVL	Gekkoninae (Novosolov et al. 2013)	Nature	Szczerbak and Golubev	Pyron and Burbrink 2014
Sauria	Gekkota	Gekkonidae	*Blaesodactylus boivini*	5.2	1.81	0.37	Cathemeral	Carnivorous	Oviparous	2.0	NA	NA	NA	12.7	11.4	SVL	Gekkoninae (Novosolov et al. 2013)	Captivity	Werner et al. 1993	Pyron and Burbrink 2014
Sauria	Gekkota	Gekkonidae	*Blaesodactylus sakalava*	8.0	1.33	0.59	Cathemeral	Carnivorous	Oviparous	NA	NA	NA	NA	21.3	11.7	SVL	Gekkoninae (Novosolov et al. 2013)	Captivity	Werner et al. 1993	Pyron and Burbrink 2014
Sauria	Gekkota	Gekkonidae	*Bunopus blanfordii*	6.0	0.7	-0.6	Cathemeral	Carnivorous	Oviparous	2.0	NA	0.0	NA	0.0	0.0	SVL	Gekkoninae (Novosolov et al. 2013)	Captivity	TAUM	Sister of Bunopus tuberculatus
Sauria	Gekkota	Gekkonidae	*Chondrodactylus angulifer*	10.8	1.43	0.12	Nocturnal	Carnivorous	Oviparous	1.8	3.0	25.6	12	27.3	10.8	SVL	Gekkoninae (Novosolov et al. 2013)	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Sauria	Gekkota	Gekkonidae	*Chondrodactylus bibronii*	6.1	1.28	-0.34	Nocturnal	Carnivorous	Oviparous	2.0	1.5	29.8	NA	31.0	11.0	SVL	Gekkoninae (Novosolov et al. 2013)	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Gekkota	Gekkonidae	*Christinus marmoratus*	12.8	0.85	-0.92	Nocturnal	Omnivorous	Oviparous	1.8	1.0	24.0	24.0	33.7	11.3	SVL	Gekkoninae (Novosolov et al. 2013)	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Sauria	Gekkota	Gekkonidae	*Colopus wahlbergii*	5.5	0.69	NA	Nocturnal	Carnivorous	Oviparous	2.0	NA	25.1	NA	23.1	11.3	SVL	Gekkoninae (Novosolov et al. 2013)	Captivity	TAUM	Pyron and Burbrink 2014
Sauria	Gekkota	Gekkonidae	*Cyrtodactylus marmoratus*	3.1	1.04	-0.25	Nocturnal	Carnivorous	Oviparous	2.0	NA	NA	NA	4.1	11.5	SVL	Gekkoninae (Novosolov et al. 2013)	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Gekkota	Gekkonidae	*Cyrtodactylus mcdonaldi*	10.0	1.34	0.17	Nocturnal	Carnivorous	Oviparous	2.0	4.0	NA	15.0	17.0	11.6	SVL	Gekkoninae (Novosolov et al. 2013)	Captivity	Brown 2012	Wood et al. 2012
Sauria	Gekkota	Gekkonidae	*Cyrtodactylus pulchellus*	4.8	1.55	-0.20	Nocturnal	Carnivorous	Oviparous	2.0	NA	NA	NA	4.9	11.8	SVL	Gekkoninae (Novosolov et al. 2013)	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Gekkota	Gekkonidae	*Cyrtodactylus tuberculatus*	10.0	1.68	0.31	Nocturnal	Carnivorous	Oviparous	2.0	4.0	NA	15.0	15.2	11.6	SVL	Gekkoninae (Novosolov et al. 2013)	Captivity	Brown 2012	Pyron and Burbrink 2014
Sauria	Gekkota	Gekkonidae	*Cyrtopodion scabrum*	4.0	0.76	-0.48	Nocturnal	Carnivorous	Oviparous	2.0	NA	NA	NA	28.5	10.6	SVL	Gekkoninae (Novosolov et al. 2013)	Captivity	Amitai and Bouskila 20	Pyron and Burbrink 2014
Sauria	Gekkota	Gekkonidae	*Dixonius hangseesom*	10.2	0.24	NA	Nocturnal	Carnivorous	Oviparous	NA	NA	NA	NA	14.5	11.6	SVL	Gekkoninae (Novosolov et al. 2013)	Captivity	Bauer et al. 2004	Genus (Pyron and Burbrink 2014)
Sauria	Gekkota	Gekkonidae	*Geckolepis typica*	10.0	0.73	-0.20	Nocturnal	Omnivorous	Oviparous	2.0	NA	NA	NA	22.3	11.3	SVL	Gekkoninae (Novosolov et al. 2013)	Captivity	Werner et al. 1993	Pyron and Burbrink 2014
Sauria	Gekkota	Gekkonidae	*Gehyra australis*	10.0	1.03	-0.20	Nocturnal	Omnivorous	Oviparous	2.0	NA	NA	NA	19.2	11.4	SVL	Gekkoninae (Novosolov et al. 2013)	Captivity	Werner et al. 1993	Pyron and Burbrink 2014
Sauria	Gekkota	Gekkonidae	*Gehyra mutilata*	9.3	0.75	-0.62	Nocturnal	Carnivorous	Oviparous	1.9	3.0	NA	1.2	11.0	11.5	SVL	Gekkoninae (Novosolov et al. 2013)	Captivity	Werner 1993	Pyron and Burbrink 2014
Sauria	Gekkota	Gekkonidae	*Gehyra oceanica*	15.5	1.78	-0.12	Nocturnal	Carnivorous	Oviparous	1.8	NA	NA	NA	7.1	11.5	SVL	Gekkoninae (Novosolov et al. 2013)	Captivity	Brown 2012	Pyron and Burbrink 2014
Sauria	Gekkota	Gekkonidae	*Gehyra variegata*	26.0	0.87	-0.48	Nocturnal	Carnivorous	Oviparous	1.0	1.5	27.7	28.0	28.9	11.0	SVL	Gekkoninae (Novosolov et al. 2013)	Nature	Henle, pers. Comm.	Pyron and Burbrink 2014
Sauria	Gekkota	Gekkonidae	*Gekko gecko*	23.5	2.11	0.32	Nocturnal	Carnivorous	Oviparous	2.0	7.0	NA	13.5	22.5	11.5	SVL	Gekkoninae (Novosolov et al. 2013)	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Sauria	Gekkota	Gekkonidae	*Gekko monarchus*	8.0	1.30	-0.28	Nocturnal	Carnivorous	Oviparous	2.0	NA	NA	NA	3.1	11.4	SVL	Gekkoninae (Novosolov et al. 2013)	Captivity	Werner et al. 1993	Pyron and Burbrink 2014
Sauria	Gekkota	Gekkonidae	*Gekko petricolus*	8.7	1.29	-0.07	Nocturnal	Carnivorous	Oviparous	2.0	NA	NA	NA	15.0	11.7	SVL	Gekkoninae (Novosolov et al. 2013)	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Gekkota	Gekkonidae	*Gekko smithii*	18.0	2.06	0.17	Nocturnal	Carnivorous	Oviparous	2.0	12.0	NA	NA	4.3	11.8	SVL	Gekkoninae (Novosolov et al. 2013)	Captivity	Werner et al. 1993	Pyron and Burbrink 2014
Sauria	Gekkota	Gekkonidae	*Gekko vittatus*	5.0	1.68	0.09	Nocturnal	Carnivorous	Oviparous	2.0	NA	NA	NA	5.2	11.4	SVL	Gekkoninae (Novosolov et al. 2013)	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Gekkota	Gekkonidae	*Hemidactylus bouvieri*	4.4	0.45	-0.72	Nocturnal	Carnivorous	Oviparous	NA	NA	NA	NA	15.9	10.8	SVL	Gekkoninae (Novosolov et al. 2013)	Captivity	Werner et al. 1993	Pyron and Burbrink 2014
Sauria	Gekkota	Gekkonidae	*Hemidactylus brookii*	4.0	1.09	-0.49	Nocturnal	Carnivorous	Oviparous	2.0	3.0	NA	NA	19.4	11.3	SVL	Gekkoninae (Novosolov et al. 2013)	Nature	Pancharatna and Kumb	Pyron and Burbrink 2014
Sauria	Gekkota	Gekkonidae	*Hemidactylus flaviviridis*	11.0	1.22	-0.36	Cathemeral	Carnivorous	Oviparous	2.0	2.0	27.2	10.0	25.3	11.1	SVL	Gekkoninae (Novosolov et al. 2013)	Captivity	Werner et al. 1993	Pyron and Burbrink 2014
Sauria	Gekkota	Gekkonidae	*Hemidactylus frenatus*	7.0	0.80	-0.59	Nocturnal	Carnivorous	Oviparous	2.0	10.0	27.0	7.3	4.2	11.5	SVL	Gekkoninae (Novosolov et al. 2013)	Captivity	Werner et al. 1993	Pyron and Burbrink 2014
Sauria	Gekkota	Gekkonidae	*Hemidactylus garnotii*	1.3	0.82	-0.46	Nocturnal	Carnivorous	Oviparous	2.0	3.0	NA	1.2	13.7	11.4	SVL	Gekkoninae (Novosolov et al. 2013)	Captivity	Werner et al. 1993	Pyron and Burbrink 2014
Sauria	Gekkota	Gekkonidae	*Hemidactylus mabouia*	2.6	1.15	-0.62	Cathemeral	Carnivorous	Oviparous	2.0	6.5	29.3	11.5	8.5	11.8	SVL	Gekkoninae (Novosolov et al. 2013)	Captivity	Werner et al. 1993	Pyron and Burbrink 2014
Sauria	Gekkota	Gekkonidae	*Hemidactylus tanganicus*	3.3	1.01	-0.54	Nocturnal	Carnivorous	Oviparous	1.5	NA	NA	NA	6.5	11.9	SVL	Gekkoninae (Novosolov et al. 2013)	Captivity	Slavens and Slavens 19	biogeographically close to flaviviridis of our sar
Sauria	Gekkota	Gekkonidae	*Hemidactylus turcicus*	8.4	0.69	-0.38	Nocturnal	Carnivorous	Oviparous	2.0	3.0	23.9	10.3	30.6	10.9	SVL	Gekkoninae (Novosolov et al. 2013)	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Gekkota	Gekkonidae	*Heteronotia binoei*	13.6	0.56	-0.68	Nocturnal	Carnivorous	Oviparous	2.0	1.5	31.2	16.5	24.9	11.1	SVL	Gekkoninae (Novosolov et al. 2013)	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Sauria	Gekkota	Gekkonidae	*Homopholis walbergii*	5.8	1.53	-0.51	Cathemeral	Carnivorous	Oviparous	2.0	NA	NA	NA	21.1	11.5	SVL	Gekkoninae (Novosolov et al. 2013)	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Gekkota	Gekkonidae	*Lepidodactylus lugubris*	2.8	0.47	-0.81	Nocturnal	Omnivorous	Oviparous	1.5	5.5	29.5	4.8	7.9	11.5	SVL	Gekkoninae (Novosolov et al. 2013)	Captivity	Greer 1989	Pyron and Burbrink 2014
Sauria	Gekkota	Gekkonidae	*Lygodactylus capensis*	2.1	0.27	-1.08	Diurnal	Carnivorous	Oviparous	2.0	NA	36.0	8.0	16.8	11.6	SVL	Gekkoninae (Novosolov et al. 2013)	Nature	Jacobsen 1982	Pyron and Burbrink 2014
Sauria	Gekkota	Gekkonidae	*Lygodactylus keniensis*	4.6	0.24	-1.17	Diurnal	Carnivorous	Oviparous	2.0	NA	NA	NA	2.5	11.2	SVL	Gekkoninae (Novosolov et al. 2013)	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Gekkota	Gekkonidae	*Lygodactylus picturatus*	1.1	0.27	-1.31	Diurnal	Omnivorous	Oviparous	2.0	NA	NA	NA	9.2	11.4	SVL	Gekkoninae (Novosolov et al. 2013)	Captivity	Werner et al. 1993	Pyron and Burbrink 2014
Sauria	Gekkota	Gekkonidae	*Mediodactylus amictopholis*	3.0	0.15	NA	Diurnal	Carnivorous	Oviparous	1.0	NA	34.7	NA	33.5	11.2	SVL	Gekkoninae (Novosolov et al. 2013)	Captivity	Amitai and Bouskila 20	close to congeneric
Sauria	Gekkota	Gekkonidae	*Mediodactylus kotschyi*	7.0	0.59	-0.83	Cathemeral	Carnivorous	Oviparous	2.1	3.0	26.3	10.5	38.7	11.2	SVL	Gekkoninae (Novosolov et al. 2013)	Captivity	Beutler 1981	Pyron and Burbrink 2014
Sauria	Gekkota	Gekkonidae	*Pachydactylus acuminatus*	1.4	0.45	NA	Nocturnal	Carnivorous	Oviparous	NA	NA	NA	NA	25.0	10.7	SVL	Gekkoninae (Novosolov et al. 2013)	Captivity	Hughes 1988	was considered a synonym of weberi (Bauer et a
Sauria	Gekkota	Gekkonidae	*Pachydactylus bicolor*	1.1	0.27	-0.84	Nocturnal	Carnivorous	Oviparous	2.0	NA	NA	NA	24.1	11.7	SVL	Gekkoninae (Novosolov et al. 2013)	Captivity	Hughes 1988	Pyron and Burbrink 2014
Sauria	Gekkota	Gekkonidae	*Pachydactylus capensis*	8.0	0.82	-0.54	Nocturnal	Carnivorous	Oviparous	2.0	NA	25.4	NA	27.9	11.3	SVL	Gekkoninae (Novosolov et al. 2013)	Captivity	Werner et al. 1993	Pyron and Burbrink 2014
Sauria	Gekkota	Gekkonidae	*Pachydactylus geitje*	3.5	0.32	-0.84	Nocturnal	Carnivorous	Oviparous	2.0	NA	NA	NA	33.4	11.3	SVL	Gekkoninae (Novosolov et al. 2013)	Captivity	Werner et al. 1993	Pyron and Burbrink 2014
Sauria	Gekkota	Gekkonidae	*Pachydactylus laevigatus*	5.0	1.17	NA	Cathemeral	Carnivorous	Oviparous	2.0	NA	NA	NA	24.0	10.7	SVL	Gekkoninae (Novosolov et al. 2013)	Captivity	Werner 1993	Pyron and Burbrink 2014
Sauria	Gekkota	Gekkonidae	*Pachydactylus maculatus*	3.2	0.63	NA	Nocturnal	Carnivorous	Oviparous	2.0	3.0	NA	NA	30.8	11.5	SVL	Gekkoninae (Novosolov et al. 2013)	Captivity	Werner et al. 1993	Pyron and Burbrink 2014
Sauria	Gekkota	Gekkonidae	*Pachydactylus namaquensis*	1.9	1.09	NA	Cathemeral	Carnivorous	Oviparous	NA	NA	NA	NA	29.8	10.9	SVL	Gekkoninae (Novosolov et al. 2013)	Captivity	Werner et al. 1993	Pyron and Burbrink 2014
Sauria	Gekkota	Gekkonidae	*Pachydactylus purcelli*	1.4	0.47	NA	Nocturnal	Carnivorous	Oviparous	NA	NA	NA	NA	31.3	10.9	SVL	Gekkoninae (Novosolov et al. 2013)	Captivity	Werner et al. 1993	Pyron and Burbrink 2014
Sauria	Gekkota	Gekkonidae	*Pachydactylus rangei*	8.8	1.01	-0.34	Nocturnal	Carnivorous	Oviparous	2.0	NA	15.0	12.0	28.6	10.7	SVL	Gekkoninae (Novosolov et al. 2013)	Captivity	TAUM	Pyron and Burbrink 2014
Sauria	Gekkota	Gekkonidae	*Pachydactylus vanzyli*	3.8	0.78	NA	Nocturnal	Carnivorous	Oviparous	NA	NA	NA	NA	18.6	10.5	SVL	Gekkoninae (Novosolov et al. 2013)	Captivity	TAUM	Pyron and Burbrink 2014
Sauria	Gekkota	Gekkonidae	*Pachydactylus weberi*	2.7	0.45	-0.74	Nocturnal	Carnivorous	Oviparous	2.0	NA	NA	NA	30.6	11.0	SVL	Gekkoninae (Novosolov et al. 2013)	Captivity	Hughes 1988	Pyron and Burbrink 2014
Sauria	Gekkota	Gekkonidae	*Paroedura picta*	5.0	1.15	-0.27	Nocturnal	Carnivorous	Oviparous	1.9	2.5	NA	6.5	23.4	11.6	SVL	Gekkoninae (Novosolov et al. 2013)	Captivity	Werner 1993	Pyron and Burbrink 2014
Sauria	Gekkota	Gekkonidae	*Phelsuma astriata*	7.4	0.67	NA	Diurnal	Omnivorous	Oviparous	2.0	NA	29.4	NA	4.7	10.9	SVL	Gekkoninae (Novosolov et al. 2013)	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Sauria	Gekkota	Gekkonidae	*Phelsuma barbouri*	5.2	0.75	NA	Diurnal	Omnivorous	Oviparous	1.5	NA	NA	NA	20.6	11.8	SVL	Gekkoninae (Novosolov et al. 2013)	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Gekkota	Gekkonidae	*Phelsuma cepediana*	9.3	0.67	-1.26	Diurnal	Carnivorous	Oviparous	2.0	NA	NA	10.5	15.9	11.4	SVL	Gekkoninae (Novosolov et al. 2013)	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Sauria	Gekkota	Gekkonidae	*Phelsuma dubia*	4.6	0.85	-0.59	Diurnal	Omnivorous	Oviparous	2.0	9.5	NA	18.0	6.7	11.3	SVL	Gekkoninae (Novosolov et al. 2013)	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Gekkota	Gekkonidae	*Phelsuma grandis*	20.0	1.48	-0.10	Diurnal	Omnivorous	Oviparous	2.0	8.5	NA	9.0	14.0	11.7	SVL	Gekkoninae (Novosolov et al. 2013)	Captivity	Dubos 2013	Rocha et al. 2010
Sauria	Gekkota	Gekkonidae	*Phelsuma guentheri*	17.8	1.84	0.10	Cathemeral	Omnivorous	Oviparous	1.5	NA	NA	36.0	20.3	11.4	SVL	Gekkoninae (Novosolov et al. 2013)	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Sauria	Gekkota	Gekkonidae	*Phelsuma guimbeaui*	8.0	0.71	-0.65	Diurnal	Omnivorous	Oviparous	2.0	NA	NA	NA	20.3	11.4	SVL	Gekkoninae (Novosolov et al. 2013)	Captivity	Werner et al. 1993	Pyron and Burbrink 2014
Sauria	Gekkota	Gekkonidae	*Phelsuma inexpectata*	7.0	0.63	NA	Diurnal	Omnivorous	Oviparous	1.5	6.0	NA	NA	21.1	11.2	SVL	Gekkoninae (Novosolov et al. 2013)	Captivity	Dubos 2013	Pyron and Burbrink 2014
Sauria	Gekkota	Gekkonidae	*Phelsuma laticauda*	8.7	0.76	NA	Diurnal	Omnivorous	Oviparous	2.0	5.0	22.3	10.5	13.6	11.4	SVL	Gekkoninae (Novosolov et al. 2013)	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Sauria	Gekkota	Gekkonidae	*Phelsuma lineata*	10.0	0.76	-0.63	Diurnal	Omnivorous	Oviparous	2.0	5.5	NA	8.0	19.1	11.7	SVL	Gekkoninae (Novosolov et al. 2013)	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Sauria	Gekkota	Gekkonidae	*Phelsuma madagascariensis*	13.6	1.50	-0.16	Diurnal	Omnivorous	Oviparous	2.0	5.0	31.6	13.5	16.2	11.4	SVL	Gekkoninae (Novosolov et al. 2013)	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Sauria	Gekkota	Gekkonidae	*Phelsuma quadriocellata*	5.3	0.69	NA	Diurnal	Omnivorous	Oviparous	2.0	6.0	NA	9.5	19.1	11.7	SVL	Gekkoninae (Novosolov et al. 2013)	Captivity	Werner et al. 1993	Pyron and Burbrink 2014
Sauria	Gekkota	Gekkonidae	*Phelsuma serraticauda*	5.2	0.78	NA	Diurnal	Omnivorous	Oviparous	1.5	3.5	NA	NA	18.0	10.9	SVL	Gekkoninae (Novosolov et al. 2013)	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Gekkota	Gekkonidae	*Phelsuma standingi*	9.6	1.19	NA	Diurnal	Omnivorous	Oviparous	1.5	6.0	NA	7.0	22.9	11.6	SVL	Gekkoninae (Novosolov et al. 2013)	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Sauria	Gekkota	Gekkonidae	*Phelsuma sundbergi*	15.9	1.39	NA	Diurnal	Omnivorous	Oviparous	1.5	NA	NA	8.5	4.8	10.9	SVL	Gekkoninae (Novosolov et al. 2013)	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Sauria	Gekkota	Gekkonidae	*Ptenopus garrulus*	7.4	0.72	-0.48	Nocturnal	Carnivorous	Oviparous	1.0	1.5	21.9	12	26.5	11.1	SVL	Gekkoninae (Novosolov et al. 2013)	Captivity	TAUM	close to P. carpi (Pyron and Burbrink 2014)
Sauria	Gekkota	Gekkonidae	*Ptychozoon horsfieldii*	7.6	1.23	-0.01	Nocturnal	Carnivorous	Oviparous	2.0	NA	NA	NA	0.9	11.9	SVL	Gekkoninae (Novosolov et al. 2013)	Captivity	Slavens and Slavens 19	Brown et al. 2012
Sauria	Gekkota	Gekkonidae	*Ptychozoon kuhli*	6.3	1.37	-0.01	Nocturnal	Carnivorous	Oviparous	2	NA	NA	18.0	3.3	11.7	SVL	Gekkoninae (Novosolov et al. 2013)	Captivity	TAUM	Pyron and Burbrink 2014
Sauria	Gekkota	Gekkonidae	*Ptychozoon lionotum*	4.4	1.28	-0.09	Nocturnal	Carnivorous	Oviparous	2.0	5.5	NA	12.0	16.3	11.7	SVL	Gekkoninae (Novosolov et al. 2013)	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Gekkota	Gekkonidae	*Rhoptropus boultoni*	3.9	0.92	NA	Diurnal	Carnivorous	Oviparous	2.0	NA	NA	NA	21.0	10.9	SVL	Gekkoninae (Novosolov et al. 2013)	Captivity	Hughes 1988	Pyron and Burbrink 2014
Sauria	Gekkota	Gekkonidae	*Rhoptropus bradfieldi*	6.9	0.84	NA	Diurnal	Carnivorous	Oviparous	2.0	NA	NA	NA	22.0	10.4	SVL	Gekkoninae (Novosolov et al. 2013)	Captivity	Hughes 1988	Pyron and Burbrink 2014
Sauria	Gekkota	Gekkonidae	*Stenodactylus doriae*	8.9	1.06	-0.20	Nocturnal	Carnivorous	Oviparous	2.0	3.5	28.2	8.0	24.6	10.5	SVL	Gekkoninae (Novosolov et al. 2013)	Captivity	TAUM	Pyron and Burbrink 2014
Sauria	Gekkota	Gekkonidae	*Stenodactylus petrii*	13.1	0.87	NA	Nocturnal	Carnivorous	Oviparous	2.0	NA	20.6	NA	23.3	10.4	SVL	Gekkoninae (Novosolov et al. 2013)	Captivity	TAUM	Pyron and Burbrink 2014
Sauria	Gekkota	Gekkonidae	*Stenodactylus sthenodactylus*	9.1	0.67	-0.56	Nocturnal	Carnivorous	Oviparous	2.0	2.0	21.2	NA	23.6	10.4	SVL	Gekkoninae (Novosolov et al. 2013)	Captivity	TAUM	Pyron and Burbrink 2014
Sauria	Gekkota	Gekkonidae	*Tropiocolotes nattereri*	2.7	-0.16	-1.08	Nocturnal	Carnivorous	Oviparous	1.0	NA	31.8	NA	29.4	10.4	SVL	Gekkoninae (Novosolov et al. 2013)	Captivity	TAUM	Metallinou et al. 2013
Sauria	Gekkota	Gekkonidae	*Tropiocolotes steudneri*	3.3	0.01	-0.99	Nocturnal	Carnivorous	Oviparous	1.0	NA	NA	NA	21.1	10.4	SVL	Gekkoninae (Novosolov et al. 2013)	Captivity	Werner et al. 1993	Bauer et al. 2013
Sauria	Gekkota	Gekkonidae	*Uroplatus alluaudi*	4.0	1.00	NA	Nocturnal	Carnivorous	Oviparous	2.0	NA	NA	NA	13.3	12.0	SVL	Gekkoninae (Novosolov et al. 2013)	Captivity	Werner et al. 1993	Pyron and Burbrink 2014
Sauria	Gekkota	Gekkonidae	*Uroplatus fimbriatus*	7.3	2.08	0.32	Nocturnal	Carnivorous	Oviparous	1.5	NA	NA	NA	19.1	11.7	SVL	Gekkoninae (Novosolov et al. 2013)	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Gekkota	Gekkonidae	*Uroplatus sikorae*	7.0	1.53	0.21	Nocturnal	Carnivorous	Oviparous	1.5	NA	NA	NA	18.4	11.6	SVL	Gekkoninae (Novosolov et al. 2013)	Captivity	Bauer 2013	Pyron and Burbrink 2014
Sauria	Gekkota	Phyllodactylidae	*Garthia gaudichaudii*	5.2	0.44	-1.02	Nocturnal	Carnivorous	Oviparous	1.5	NA	24.5	NA	27.4	10.8	SVL	Phyllodactylidae (Meiri, unpublished)	Captivity	Werner et al. 1993	Pyron and Burbrink 2014
Sauria	Gekkota	Phyllodactylidae	*Homonota darwinii*	17.0	0.64	-0.58	Nocturnal	Carnivorous	Oviparous	1.0	0.8	25.5	60.0	43.6	10.7	SVL	Phyllodactylidae (Meiri, unpublished)	Nature	Piantoni et al. 2006	Pyron and Burbrink 2014
Sauria	Gekkota	Phyllodactylidae	*Homonota fasciata*	5.6	0.75	-0.28	Nocturnal	Carnivorous	Oviparous	1.3	2.0	NA	NA	22.8	11.7	SVL	Phyllodactylidae (Meiri, unpublished)	Captivity	Werner et al. 1993	Pyron and Burbrink 2014
Sauria	Gekkota	Phyllodactylidae	*Homonota underwoodi*	5.6	0.63	NA	Nocturnal	Carnivorous	Oviparous	1.0	NA	23.9	NA	31.5	11.0	SVL	Phyllodactylidae (Meiri, unpublished)	Captivity	Werner et al. 1993	Pyron and Burbrink 2014
Sauria	Gekkota	Phyllodactylidae	*Homonota whitii*	5.6	0.33	NA	Nocturnal	Carnivorous	Oviparous	1.0	1.5	NA	NA	31.5	11.5	SVL	Phyllodactylidae (Meiri, unpublished)	Captivity	Werner et al. 1993	Kluge 1964
Sauria	Gekkota	Phyllodactylidae	*Phyllodactylus microphyllus*	1.7	0.71	-0.47	Nocturnal	Carnivorous	Oviparous	1.0	NA	23.2	NA	8.4	10.9	SVL	Phyllodactylidae (Meiri, unpublished)	Captivity	Werner et al. 1993	polytomy within genus
Sauria	Gekkota	Phyllodactylidae	*Phyllodactylus pulcher*	3.1	0.88	NA	Nocturnal	Carnivorous	Oviparous	NA	NA	NA	NA	12.5	10.9	SVL	Phyllodactylidae (Meiri, unpublished)	Captivity	Werner et al. 1993	polytomy within genus
Sauria	Gekkota	Phyllodactylidae	*Phyllodactylus reissii*	6.4	1.04	-0.47	Nocturnal	Carnivorous	Oviparous	1.5	NA	21.3	NA	5.5	11.4	SVL	Phyllodactylidae (Meiri, unpublished)	Captivity	Werner et al. 1993	Pyron and Burbrink 2014
Sauria	Gekkota	Phyllodactylidae	*Phyllodactylus tuberculosus*	5.0	1.41	-0.47	Nocturnal	Carnivorous	Oviparous	1.9	NA	22.7	NA	19.5	11.1	SVL	Phyllodactylidae (Meiri, unpublished)	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Gekkota	Phyllodactylidae	*Ptyodactylus guttatus*	10.9	1.33	-0.26	Cathemeral	Carnivorous	Oviparous	2.0	4.0	27.6	NA	28.9	10.5	SVL	Phyllodactylidae (Meiri, unpublished)	Captivity	Hughes 1988	Pyron and Burbrink 2014
Sauria	Gekkota	Phyllodactylidae	*Ptyodactylus hasselquistii*	12.6	1.47	-0.03	Cathemeral	Carnivorous	Oviparous	2.0	5.5	30.0	18.0	23.4	10.4	SVL	Phyllodactylidae (Meiri, unpublished)	Captivity	Werner et al. 1993	Pyron and Burbrink 2014
Sauria	Gekkota	Phyllodactylidae	*Ptyodactylus oudrii*	3.7	0.80	-0.22	Nocturnal	Carnivorous	Oviparous	1.5	5.5	NA	NA	31.8	10.6	SVL	Phyllodactylidae (Meiri, unpublished)	Captivity	Werner et al. 1993	Pyron and Burbrink 2014
Sauria	Gekkota	Phyllodactylidae	*Ptyodactylus puiseuxi*	8.3	1.26	-0.10	Diurnal	Carnivorous	Oviparous	2.0	3.0	31.5	NA	32.7	10.8	SVL	Phyllodactylidae (Meiri, unpublished)	Captivity	TAUM	Nazarov et al. 2013
Sauria	Gekkota	Phyllodactylidae	*Ptyodactylus ragazzii*	10.5	1.41	-0.22	Cathemeral	Carnivorous	Oviparous	2.0	4.5	NA	NA	17.4	10.7	SVL	Phyllodactylidae (Meiri, unpublished)	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Gekkota	Phyllodactylidae	*Tarentola annularis*	19.8	1.84	0.15	Nocturnal	Carnivorous	Oviparous	1.5	5.0	NA	NA	18.8	10.6	SVL	Phyllodactylidae (Meiri, unpublished)	Captivity	TAUM	Pyron and Burbrink 2014
Sauria	Gekkota	Phyllodactylidae	*Tarentola boettgeri*	6.1	1.03	-0.22	Nocturnal	Carnivorous	Oviparous	1.5	4.5	19.8	NA	27.8	10.9	SVL	Phyllodactylidae (Meiri, unpublished)	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Gekkota	Phyllodactylidae	*Tarentola delalandii*	7.0	1.19	-0.42	Cathemeral	Carnivorous	Oviparous	1.5	7.0	23.0	NA	28.5	10.9	SVL	Phyllodactylidae (Meiri, unpublished)	Captivity	Werner et al. 1993	Pyron and Burbrink 2014
Sauria	Gekkota	Phyllodactylidae	*Tarentola fascicularis*	2.4	1.22	NA	Nocturnal	Carnivorous	Oviparous	NA	NA	NA	NA	31.5	10.5	SVL	Phyllodactylidae (Meiri, unpublished)	Captivity	Werner et al. 1993	Rato et al. 2012
Sauria	Gekkota	Phyllodactylidae	*Tarentola gigas*	5.0	1.97	NA	Nocturnal	Carnivorous	Oviparous	2.0	3.0	NA	NA	16.6	10.9	SVL	Phyllodactylidae (Meiri, unpublished)	Captivity	Werner et al. 1993	Pyron and Burbrink 2014
Sauria	Gekkota	Phyllodactylidae	*Tarentola mauritanica*	14.0	1.22	-0.65	Cathemeral	Carnivorous	Oviparous	2.0	8.5	22.6	36.0	36.9	11.0	SVL	Phyllodactylidae (Meiri, unpublished)	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Sauria	Gekkota	Phyllodactylidae	*Thecadactylus rapicauda*	6.9	1.70	0.04	Nocturnal	Carnivorous	Oviparous	1.0	NA	27.0	NA	0.4	11.9	SVL	Phyllodactylidae (Meiri, unpublished)	Captivity	Werner et al. 1993	Pyron and Burbrink 2014
Sauria	Gekkota	Pygopodidae	*Aprasia striolata*	2.0	0.91	0.29	Cathemeral	Carnivorous	Oviparous	2.0	NA	NA	NA	35.0	11.3	SVL	Pygopodidae	Captivity	Greer 1989	Pyron and Burbrink 2014
Sauria	Gekkota	Pygopodidae	*Delma impar*	8.7	0.70	0.09	Diurnal	Omnivorous	Oviparous	2.0	NA	NA	30.0	36.6	11.6	SVL	Pygopodidae	Captivity	Greer 2005	Pyron and Burbrink 2014
Sauria	Gekkota	Pygopodidae	*Delma inornata*	5.0	0.87	NA	Cathemeral	Carnivorous	Oviparous	2.0	NA	NA	NA	33.8	11.5	SVL	Pygopodidae	Captivity	Greer 1989	Pyron and Burbrink 2014
Sauria	Gekkota	Pygopodidae	*Pygopus nigriceps*	7.0	1.19	0.49	Nocturnal	Carnivorous	Oviparous	1.8	1.0	24.8	NA	24.5	11.1	SVL	Pygopodidae	Captivity	Greer 1989	Pyron and Burbrink 2014
Sauria	Gekkota	Sphaerodactylidae	*Aristelliger lar*	1.9	1.90	NA	Nocturnal	Omnivorous	Oviparous	1.0	NA	NA	NA	18.9	11.4	SVL	Sphaerodactylidae (Novosolov et al. 2013)	Captivity	Henderson and Powell 2	Pyron and Burbrink 2014
Sauria	Gekkota	Sphaerodactylidae	*Euleptes europaea*	21.0	0.32	NA	Nocturnal	Carnivorous	Oviparous	2.0	2.0	17.4	24.0	41.7	11.3	SVL	Sphaerodactylidae (Novosolov et al. 2013)	Captivity	Werner et al. 1993	Pyron and Burbrink 2014
Sauria	Gekkota	Sphaerodactylidae	*Gonatodes albogularis*	13.0	0.43	-0.81	Diurnal	Carnivorous	Oviparous	1.5	8.0	NA	8.3	11.1	11.7	SVL	Sphaerodactylidae (Novosolov et al. 2013)	Captivity	Bauer 2013	Pyron and Burbrink 2014
Sauria	Gekkota	Sphaerodactylidae	*Pristurus rupestris*	4.9	-0.09	-1.00	Diurnal	Carnivorous	Oviparous	1.0	1.5	NA	NA	22.4	10.5	SVL	Sphaerodactylidae (Novosolov et al. 2013)	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Gekkota	Sphaerodactylidae	*Saurodactylus mauritanicus*	3.7	-0.01	NA	Diurnal	Carnivorous	Oviparous	1.0	6.5	NA	NA	31.6	10.8	SVL	Sphaerodactylidae (Novosolov et al. 2013)	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Gekkota	Sphaerodactylidae	*Sphaerodactylus cinereus*	3.4	0.10	-1.00	Nocturnal	Carnivorous	Oviparous	1.0	6.0	NA	NA	25.0	11.4	SVL	Sphaerodactylidae (Novosolov et al. 2013)	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Gekkota	Sphaerodactylidae	*Sphaerodactylus notatus*	1.3	-0.01	NA	Diurnal	Carnivorous	Oviparous	1.0	11.0	NA	NA	22.0	11.4	SVL	Sphaerodactylidae (Novosolov et al. 2013)	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Gekkota	Sphaerodactylidae	*Sphaerodactylus pimienta*	2.0	0.13	-0.83	NA	Carnivorous	Oviparous	1.0	4.5	NA	10.0	20.1	11.9	SVL	Sphaerodactylidae (Novosolov et al. 2013)	Captivity	Regalado 2006	close to CS. Notatus as both are found in Cuba
Sauria	Gekkota	Sphaerodactylidae	*Sphaerodactylus roosevelti*	2.0	0.17	-0.73	Nocturnal	Carnivorous	Oviparous	1.0	5.0	32.8	19.5	18.0	11.1	SVL	Sphaerodactylidae (Novosolov et al. 2013)	Captivity	Regalado 2006	Pyron and Burbrink 2014
Sauria	Gekkota	Sphaerodactylidae	*Sphaerodactylus vincenti*	4.0	0.20	-1.15	Cathemeral	Carnivorous	Oviparous	1.0	NA	NA	19.0	14.5	10.9	SVL	Sphaerodactylidae (Novosolov et al. 2013)	Nature	Leclair and Leclair 2011	Pyron and Burbrink 2014
Sauria	Gekkota	Sphaerodactylidae	*Teratoscincus microlepis*	11.2	1.04	0.17	Nocturnal	Carnivorous	Oviparous	2.0	3.0	NA	NA	29.3	10.2	SVL	Sphaerodactylidae (Novosolov et al. 2013)	Captivity	TAUM	Pyron and Burbrink 2014
Sauria	Gekkota	Sphaerodactylidae	*Teratoscincus roborowskii*	6.0	1.31	NA	Nocturnal	Carnivorous	Oviparous	2.0	NA	NA	NA	42.9	10.8	SVL	Sphaerodactylidae (Novosolov et al. 2013)	Nature	Li et al. 2010	Pyron and Burbrink 2014
Sauria	Gekkota	Sphaerodactylidae	*Teratoscincus scincus*	13.0	1.62	0.18	Nocturnal	Carnivorous	Oviparous	1.5	2.5	19.0	9.0	41.1	10.5	SVL	Sphaerodactylidae (Novosolov et al. 2013)	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Iguania	Corytophanidae	*Basiliscus basiliscus*	7.0	2.74	0.16	Diurnal	Omnivorous	Oviparous	9.2	5.5	27.8	15.0	8.1	11.7	SVL	Iguania	unclear	Savage 2002	Pyron and Burbrink 2014
Sauria	Iguania	Corytophanidae	*Basiliscus galeritus*	4.7	2.69	NA	Diurnal	Carnivorous	Oviparous	7.5	NA	NA	NA	2.6	11.7	SVL	Iguania	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Iguania	Corytophanidae	*Basiliscus plumifrons*	13.0	2.74	0.11	Diurnal	Omnivorous	Oviparous	11.0	4.5	31.7	20.0	12.9	11.8	SVL	Iguania	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Sauria	Iguania	Corytophanidae	*Basiliscus vittatus*	9.1	2.60	0.07	Diurnal	Omnivorous	Oviparous	5.4	3.8	36.2	9.0	16.3	11.8	SVL	Iguania	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Sauria	Iguania	Corytophanidae	*Corytophanes cristatus*	7.1	1.77	-0.50	Diurnal	Carnivorous	Oviparous	6.0	NA	NA	NA	11.8	11.8	SVL	Iguania	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Sauria	Iguania	Corytophanidae	*Laemanctus longipes*	15.4	2.02	0.16	Diurnal	Carnivorous	Oviparous	4.0	NA	NA	NA	18.3	11.8	SVL	Iguania	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Sauria	Iguania	Corytophanidae	*Laemanctus serratus*	5.2	2.36	0.20	Cathemeral	Carnivorous	Oviparous	7.0	NA	NA	NA	19.6	11.7	SVL	Iguania	Captivity	Slavens and Slavens 19	Vieira et al. 2005
Sauria	Iguania	Crotaphytidae	*Crotaphytus collaris*	10.0	1.83	0.05	Diurnal	Carnivorous	Oviparous	6.0	2.0	36.8	9.8	33.3	11.2	SVL	Iguania	Nature	Degenhardt et al. 1996	Pyron and Burbrink 2014
Sauria	Iguania	Crotaphytidae	*Gambelia sila*	4.8	1.77	0.36	Diurnal	Carnivorous	Oviparous	3.1	2.5	38.6	20.0	36.1	11.4	SVL	Iguania	Nature	Germano and Williams	Pyron and Burbrink 2014
Sauria	Iguania	Crotaphytidae	*Gambelia wislizenii*	9.8	1.99	0.30	Diurnal	Carnivorous	Oviparous	5.2	1.3	38.1	16.5	35.5	10.9	SVL	Iguania	Nature	Medica and Turner 198	Pyron and Burbrink 2014
Sauria	Iguania	Dactyloidae	*Anolis allisoni*	1.7	1.31	NA	Diurnal	Carnivorous	Oviparous	1.0	20.0	33.1	NA	21.4	11.6	SVL	Anolis (Novosolov et al. 2013)	Captivity	Henderson and Powell 2	Pyron and Burbrink 2014
Sauria	Iguania	Dactyloidae	*Anolis alutaceus*	1.7	0.72	-0.81	Diurnal	Carnivorous	Oviparous	1.5	NA	28.6	NA	21.0	11.6	SVL	Anolis (Novosolov et al. 2013)	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Iguania	Dactyloidae	*Anolis bimaculatus*	7.0	1.48	-0.43	Diurnal	Carnivorous	Oviparous	1.5	NA	32.7	NA	17.0	10.9	SVL	Anolis (Novosolov et al. 2013)	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Sauria	Iguania	Dactyloidae	*Anolis biporcatus*	3.1	1.49	-0.32	Diurnal	Carnivorous	Oviparous	1.0	NA	NA	NA	10.0	11.7	SVL	Anolis (Novosolov et al. 2013)	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Iguania	Dactyloidae	*Anolis carolinensis*	7.2	0.94	-0.64	Diurnal	Carnivorous	Oviparous	1.3	10.5	28.2	8.0	32.0	11.6	SVL	Anolis (Novosolov et al. 2013)	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Iguania	Dactyloidae	*Anolis chlorocyanus*	2.1	1.02	NA	Diurnal	Carnivorous	Oviparous	1.0	18.0	NA	6.5	19.0	11.5	SVL	Anolis (Novosolov et al. 2013)	Captivity	Henderson and Powell 2	Pyron and Burbrink 2014
Sauria	Iguania	Dactyloidae	*Anolis cristatellus*	6.9	0.99	-0.62	Diurnal	Omnivorous	Oviparous	1	16	28.4	6.5	20.0	11.6	SVL	Anolis (Novosolov et al. 2013)	unclear	Andrew Durso in "Anol	Pyron and Burbrink 2014

Sauria	Iguania	Dactyloidae	*Anolis cupreus*	1.5	0.59	-0.88	Diurnal	Carnivorous	Oviparous	1.0	18.0	27.9	7.0	13.0	11.7	SVL	Anolis (Novosolov et al. 2013)	Nature	Fitch 1973	Pyron and Burbrink 2014
Sauria	Iguania	Dactyloidae	*Anolis cuvieri*	9.3	2.06	0.21	Diurnal	Omnivorous	Oviparous	1.0	NA	NA	NA	18.0	11.7	SVL	Anolis (Novosolov et al. 2013)	Captivity	Henderson and Powell	Pyron and Burbrink 2014
Sauria	Iguania	Dactyloidae	*Anolis equestris*	16.5	2.13	0.29	Diurnal	Omnivorous	Oviparous	1.0	12.0	NA	9.0	22.0	11.6	SVL	Anolis (Novosolov et al. 2013)	Captivity	Henderson and Powell	Pyron and Burbrink 2014
Sauria	Iguania	Dactyloidae	*Anolis garmani*	10.0	1.72	-0.36	Diurnal	Omnivorous	Oviparous	1.0	NA	NA	9.5	20.0	11.3	SVL	Anolis (Novosolov et al. 2013)	unclear	Henderson and Powell	Pyron and Burbrink 2014
Sauria	Iguania	Dactyloidae	*Anolis gemmosus*	3.0	0.78	-0.37	Diurnal	Carnivorous	Oviparous	1.0	NA	18.6	11.8	0.0	11.6	SVL	Anolis (Novosolov et al. 2013)	Nature	Miyata 2013	Pyron and Burbrink 2014
Sauria	Iguania	Dactyloidae	*Anolis gundlachi*	3.0	0.96	-0.92	Diurnal	Carnivorous	Oviparous	1.0	NA	24.3	10.5	18.0	11.8	SVL	Anolis (Novosolov et al. 2013)	Nature	Henderson and Powell	Pyron and Burbrink 2014
Sauria	Iguania	Dactyloidae	*Anolis humilis*	1.5	0.42	-0.98	Diurnal	Carnivorous	Oviparous	1.1	NA	24.7	5.0	9.0	11.6	SVL	Anolis (Novosolov et al. 2013)	Nature	Fitch 1973	Pyron and Burbrink 2014
Sauria	Iguania	Dactyloidae	*Anolis intermedius*	2.0	0.52	-0.88	Diurnal	Carnivorous	Oviparous	1.0	11.0	25.5	5.0	10.1	11.8	SVL	Anolis (Novosolov et al. 2013)	Nature	Savage 2002	Pyron and Burbrink 2014
Sauria	Iguania	Dactyloidae	*Anolis leachii*	7.0	1.57	-0.57	Diurnal	Carnivorous	Oviparous	1.0	NA	NA	NA	17.0	10.8	SVL	Anolis (Novosolov et al. 2013)	Captivity	Henderson and Powell	Pyron and Burbrink 2014
Sauria	Iguania	Dactyloidae	*Anolis limifrons*	1.0	0.45	-1.09	Diurnal	Carnivorous	Oviparous	1.5	21.0	28.6	5.5	11.0	11.7	SVL	Anolis (Novosolov et al. 2013)	Nature	Andrews 1979	Pyron and Burbrink 2014
Sauria	Iguania	Dactyloidae	*Anolis lineatopus*	1.0	0.91	-0.68	Diurnal	Carnivorous	Oviparous	1.0	18.0	29.3	5.0	18.0	11.5	SVL	Anolis (Novosolov et al. 2013)	Captivity	Snider and Bowler 1992	Pyron and Burbrink 2014
Sauria	Iguania	Dactyloidae	*Anolis luteogularis*	2.9	2.14	NA	Diurnal	Omnivorous	Oviparous	1.0	NA	29.4	NA	22.0	11.5	SVL	Anolis (Novosolov et al. 2013)	Captivity	Snider and Bowler 1992	Pyron and Burbrink 2014
Sauria	Iguania	Dactyloidae	*Anolis petersii*	1.3	1.54	NA	Diurnal	Carnivorous	Oviparous	1.0	NA	NA	NA	15.6	11.9	SVL	Anolis (Novosolov et al. 2013)	Captivity	Slavens and Slavens 19	Poe 2004
Sauria	Iguania	Dactyloidae	*Anolis porcatus*	5.3	1.25	-0.63	Diurnal	Omnivorous	Oviparous	1.0	NA	32.1	NA	21.8	11.6	SVL	Anolis (Novosolov et al. 2013)	Captivity	Rogner 1997	Pyron and Burbrink 2014
Sauria	Iguania	Dactyloidae	*Anolis roquet*	6.7	1.12	-0.62	Diurnal	Omnivorous	Oviparous	1.0	25.5	26.5	10.6	15.0	11.1	SVL	Anolis (Novosolov et al. 2013)	Captivity	Henderson and Powell	Pyron and Burbrink 2014
Sauria	Iguania	Dactyloidae	*Anolis sagrei*	8.0	0.94	-1.05	Diurnal	Carnivorous	Oviparous	1.5	20.0	30.7	12.0	19.0	11.6	SVL	Varanidae	Captivity	Animal Diversity Web	Pyron and Burbrink 2014
Sauria	Iguania	Dactyloidae	*Anolis semilineatus*	3.2	0.34	-0.95	Diurnal	Carnivorous	Oviparous	1.0	NA	31.5	NA	19.0	11.6	SVL	Anolis (Novosolov et al. 2013)	Captivity	Henderson and Powell	Pyron and Burbrink 2014
Sauria	Iguania	Dactyloidae	*Anolis smallwoodi*	3.9	2.13	NA	Diurnal	Omnivorous	Oviparous	1.0	NA	NA	NA	20.0	11.4	SVL	Anolis (Novosolov et al. 2013)	Captivity	Henderson and Powell	Pyron and Burbrink 2014
Sauria	Iguania	Dactyloidae	*Anolis stratulus*	1.6	0.68	NA	Diurnal	Carnivorous	Oviparous	1.0	NA	30.0	NA	18.3	11.5	SVL	Anolis (Novosolov et al. 2013)	Nature	Reagan 1992	Pyron and Burbrink 2014
Sauria	Iguania	Dactyloidae	*Anolis tropidolepis*	2.0	0.64	-0.72	Diurnal	Carnivorous	Oviparous	1.0	9.0	20.0	8.5	10.0	11.5	SVL	Anolis (Novosolov et al. 2013)	Nature	Fitch 1973	Nicholson et al. 2005
Sauria	Iguania	Iguanidae	*Amblyrhynchus cristatus*	28.0	3.87	1.77	Diurnal	Herbivorous	Oviparous	2.3	0.5	31.7	41.0	0.6	10.9	SVL	Iguanidae	Nature	Wikelski and Thom 20	Pyron and Burbrink 2014
Sauria	Iguania	Iguanidae	*Brachylophus fasciatus*	12.4	2.83	1.26	Diurnal	Herbivorous	Oviparous	3.9	1.5	NA	12.0	17.7	11.2	SVL	Iguanidae	Captivity	TAUM	Pyron and Burbrink 2014
Sauria	Iguania	Iguanidae	*Brachylophus vitiensis*	14.0	2.75	1.32	Diurnal	Herbivorous	Oviparous	4.0	3.0	32.0	30.0	17.1	11.0	SVL	Iguanidae	Captivity	Reidpath 2006	Pyron and Burbrink 2014
Sauria	Iguania	Iguanidae	*Conolophus pallidus*	60.0	3.72	1.65	Diurnal	Herbivorous	Oviparous	10.0	1.0	34.9	138	0.8	10.9	SVL	Iguanidae	unclear	Charles Darwin Researc	Pyron and Burbrink 2014
Sauria	Iguania	Iguanidae	*Conolophus subcristatus*	60.0	3.80	1.65	Diurnal	Herbivorous	Oviparous	13.5	1.0	35.2	131.0	0.6	10.9	SVL	Iguanidae	unclear	Charles Darwin Researc	Pyron and Burbrink 2014
Sauria	Iguania	Iguanidae	*Ctenosaura bakeri*	13.8	3.13	NA	Diurnal	Herbivorous	Oviparous	10.0	NA	NA	NA	16.1	10.8	SVL	Iguanidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Sauria	Iguania	Iguanidae	*Ctenosaura clarki*	5.6	2.83	0.64	Diurnal	Herbivorous	Oviparous	7.0	NA	NA	NA	18.0	11.7	SVL	Iguanidae	Captivity	Slavens and Slavens 19	Kohler et al. 2000
Sauria	Iguania	Iguanidae	*Ctenosaura hemilopha*	13.0	3.44	NA	Diurnal	Herbivorous	Oviparous	24.0	1.0	37.1	36.0	24.1	10.8	SVL	Iguanidae	Nature	Grismer 2002; Lee Gris	Pyron and Burbrink 2014
Sauria	Iguania	Iguanidae	*Ctenosaura palearis*	10.3	3.11	NA	Diurnal	Herbivorous	Oviparous	11.0	1.0	NA	NA	15.2	11.9	SVL	Iguanidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Sauria	Iguania	Iguanidae	*Ctenosaura pectinata*	8.2	3.43	0.91	Diurnal	Herbivorous	Oviparous	44.5	1.0	NA	36.0	18.0	11.6	SVL	Iguanidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Sauria	Iguania	Iguanidae	*Ctenosaura similis*	22.4	3.70	0.83	Diurnal	Herbivorous	Oviparous	32.7	1.0	36.5	27.0	14.4	11.8	SVL	Iguanidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Sauria	Iguania	Iguanidae	*Cyclura carinata*	14.0	3.75	1.35	Diurnal	Herbivorous	Oviparous	4.3	1.0	37.7	78.0	21.6	10.9	SVL	Iguanidae	Nature	Henderson and Powell	Pyron and Burbrink 2014
Sauria	Iguania	Iguanidae	*Cyclura cornuta*	22.9	4.04	1.68	Diurnal	Herbivorous	Oviparous	14.7	1.0	NA	72.0	18.9	11.7	SVL	Iguanidae	Captivity	Henderson and Powell	Pyron and Burbrink 2014
Sauria	Iguania	Iguanidae	*Cyclura cychlura*	40.0	4.07	1.51	Diurnal	Herbivorous	Oviparous	6.4	0.7	NA	144.0	24.2	10.8	SVL	Iguanidae	Nature	Iverson et al. 2004	Pyron and Burbrink 2014
Sauria	Iguania	Iguanidae	*Cyclura nubila*	54.0	4.25	1.68	Diurnal	Herbivorous	Oviparous	10.3	0.8	38.6	30.0	21.4	11.3	SVL	Iguanidae	Captivity	Henderson and Powell	Pyron and Burbrink 2014
Sauria	Iguania	Iguanidae	*Cyclura rileyi*	9.2	3.42	1.23	Diurnal	Herbivorous	Oviparous	3.8	NA	NA	NA	23.3	10.8	SVL	Iguanidae	Captivity	Henderson and Powell	Pyron and Burbrink 2014
Sauria	Iguania	Iguanidae	*Dipsosaurus dorsalis*	14.6	2.20	0.67	Diurnal	Herbivorous	Oviparous	4.5	1.0	39.6	52.0	31.8	10.8	SVL	Iguanidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Sauria	Iguania	Iguanidae	*Iguana delicatissima*	20.0	3.54	1.27	Diurnal	Herbivorous	Oviparous	17.0	1.5	38.0	36.0	16.7	11.0	SVL	Iguanidae	unclear	Henderson and Powell	Pyron and Burbrink 2014
Sauria	Iguania	Iguanidae	*Iguana iguana*	28.0	3.91	1.32	Diurnal	Herbivorous	Oviparous	28.8	1.0	34.8	40.5	5.8	11.8	SVL	Iguanidae	Captivity	Rogers 1997	Pyron and Burbrink 2014
Sauria	Iguania	Iguanidae	*Sauromalus ater*	39.0	2.71	0.81	Diurnal	Herbivorous	Oviparous	7.8	0.8	37.1	54.0	33.4	10.8	SVL	Iguanidae	Nature	Sullivan and Sullivan 2	Pyron and Burbrink 2014
Sauria	Iguania	Iguanidae	*Sauromalus hispidus*	17.2	3.14	1.24	Diurnal	Herbivorous	Oviparous	21.8	0.7	NA	NA	29.3	10.7	SVL	Iguanidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Sauria	Iguania	Iguanidae	*Sauromalus varius*	11.3	3.22	1.27	Diurnal	Herbivorous	Oviparous	20.9	0.6	36.0	NA	28.6	10.7	SVL	Iguanidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Sauria	Iguania	Leiocephalidae	*Leiocephalus barahonensis*	4.7	1.26	NA	Diurnal	Omnivorous	Oviparous	2.1	NA	36.1	NA	18.0	11.3	SVL	Tropiduridae Sensu lato (Meiri 2011)	Captivity	Henderson and Powell	Pyron and Burbrink 2014
Sauria	Iguania	Leiocephalidae	*Leiocephalus carinatus*	10.8	1.83	0.14	Diurnal	Omnivorous	Oviparous	4.0	NA	34.4	NA	22.2	11.4	SVL	Tropiduridae Sensu lato (Meiri 2011)	Captivity	Henderson and Powell	Pyron and Burbrink 2014
Sauria	Iguania	Leiocephalidae	*Leiocephalus personatus*	3.3	1.57	NA	Diurnal	Omnivorous	Oviparous	2.0	NA	NA	NA	19.1	11.7	SVL	Tropiduridae Sensu lato (Meiri 2011)	Captivity	Henderson and Powell	Pyron and Burbrink 2014
Sauria	Iguania	Leiocephalidae	*Leiocephalus schreibersii*	10.0	1.56	-0.03	Diurnal	Carnivorous	Oviparous	2.5	NA	36.3	NA	20.0	11.6	SVL	Tropiduridae Sensu lato (Meiri 2011)	Captivity	Henderson and Powell	Pyron and Burbrink 2014
Sauria	Iguania	Leiosauridae	*Pristidactylus achalensis*	11.0	1.53	NA	Diurnal	Omnivorous	Oviparous	3.0	NA	NA	36.0	31.8	11.5	SVL	Polychrotidae	Nature	Sinsch et al. 2002	Frost et al. 2001
Sauria	Iguania	Liolaemidae	*Liolaemus nitidus*	4.5	1.59	NA	Diurnal	Herbivorous	Oviparous	8	NA	35.2	NA	33.1	11.0	SVL	Liolaeumus, Pincheira-Donoso et al. 2011	Captivity	TAUM	Pyron and Burbrink 2014
Sauria	Iguania	Liolaemidae	*Liolaemus pictus*	9.0	1.57	-0.22	Diurnal	Carnivorous	Viviparous	4.0	0.4	32.1	42.0	39.1	11.5	SVL	Liolaeumus, Pincheira-Donoso et al. 2011	Nature	Gutierrez et al. 2013	Pyron and Burbrink 2014
Sauria	Iguania	Liolaemidae	*Liolaemus quilmes*	7.0	1.36	NA	Diurnal	Carnivorous	Oviparous	NA	1.0	34.2	20.5	26.7	11.0	SVL	Liolaeumus, Pincheira-Donoso et al. 2011	Nature	Halloy 2006	Pyron and Burbrink 2014
Sauria	Iguania	Liolaemidae	*Phymaturus palluma*	12.0	1.75	0.44	Diurnal	Herbivorous	Viviparous	2.8	0.5	33.3	NA	34.6	11.0	SVL	Phymaturus, Pincheira-Donoso et al. 2011	Captivity	Eisenberg and Werning	Pyron and Burbrink 2014
Sauria	Iguania	Liolaemidae	*Phymaturus tenebrosus*	16.0	1.75	NA	Diurnal	Herbivorous	Viviparous	2.0	0.5	32.0	84.0	40.9	11.0	SVL	Phymaturus, Pincheira-Donoso et al. 2011	unclear	Gutierrez et al. 2013	Morando et al. 2013
Sauria	Iguania	Opluridae	*Oplurus cuvieri*	21.2	2.18	0.19	Diurnal	Carnivorous	Oviparous	3.5	2.0	36.3	NA	16.8	11.7	SVL	Opluridae	Captivity	Tacutu et al. 2013	Pyron and Burbrink 2014
Sauria	Iguania	Opluridae	*Oplurus cyclurus*	9.3	2.25	-0.13	Diurnal	Carnivorous	Oviparous	4.0	NA	NA	NA	22.2	11.6	SVL	Opluridae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Sauria	Iguania	Phrynosomatidae	*Callisaurus draconoides*	5.9	1.60	0.00	Diurnal	Carnivorous	Oviparous	4.3	3.0	39.3	16.5	32.9	10.9	SVL	Phrynosomatidae	Nature	Tanner and Krogh 1975	Pyron and Burbrink 2014
Sauria	Iguania	Phrynosomatidae	*Cophosaurus texanus*	6.0	1.36	-0.18	Diurnal	Carnivorous	Oviparous	4.6	3.5	36.8	11.0	30.1	11.1	SVL	Phrynosomatidae	Nature	Degenhardt et al. 1996	Pyron and Burbrink 2014
Sauria	Iguania	Phrynosomatidae	*Holbrookia maculata*	5.0	1.16	-0.32	Diurnal	Carnivorous	Oviparous	7.2	2.0	36.3	11.2	33.6	11.2	SVL	Phrynosomatidae	Nature	Degenhardt et al. 1996	Pyron and Burbrink 2014
Sauria	Iguania	Phrynosomatidae	*Petrosaurus thalassinus*	20.0	2.15	0.16	Diurnal	Omnivorous	Oviparous	8.6	NA	36.0	24	26.5	10.8	SVL	Phrynosomatidae	unclear	Wikipedia; Encycloped	Pyron and Burbrink 2014
Sauria	Iguania	Phrynosomatidae	*Phrynosoma blainvillii*	8	1.65	-0.02	Diurnal	Carnivorous	Oviparous	13.5	1.5	34.9	20.0	35.1	11.2	SVL	Phrynosomatidae	Captivity	Jennings and Hayes 19	Pyron and Burbrink 2014
Sauria	Iguania	Phrynosomatidae	*Phrynosoma cornutum*	10.0	1.80	-0.32	Diurnal	Carnivorous	Oviparous	27.9	1.5	37.1	21.5	31.4	11.3	SVL	Phrynosomatidae	Captivity	Degenhardt et al. 1996	Pyron and Burbrink 2014
Sauria	Iguania	Phrynosomatidae	*Phrynosoma coronatum*	8.3	1.65	0.02	Diurnal	Carnivorous	Oviparous	11.8	1.5	35.5	30.0	32.6	11.1	SVL	Phrynosomatidae	Captivity	Porter 1982	Pyron and Burbrink 2014
Sauria	Iguania	Phrynosomatidae	*Phrynosoma douglasii*	7.3	1.76	-0.44	Diurnal	Carnivorous	Viviparous	15.0	1.0	33.8	24.0	44.1	11.2	SVL	Phrynosomatidae	Captivity	Montanucci 1983	Pyron and Burbrink 2014
Sauria	Iguania	Phrynosomatidae	*Phrynosoma hernandesi*	8.5	1.76	-0.07	Diurnal	Carnivorous	Viviparous	18.0	1.0	33.0	24	40.6	11.1	SVL	Phrynosomatidae	Captivity	Montanucci 1983	Pyron and Burbrink 2014
Sauria	Iguania	Phrynosomatidae	*Phrynosoma mcallii*	9	1.60	0.24	Diurnal	Carnivorous	Oviparous	4.95	1.5	37.4	12.0	32.5	10.7	SVL	Phrynosomatidae	Captivity	http://www.azgfd.gov/w	Pyron and Burbrink 2014
Sauria	Iguania	Phrynosomatidae	*Phrynosoma modestum*	5.0	1.10	-0.43	Cathemeral	Carnivorous	Oviparous	11.0	1.5	29.0	10.0	29.9	11.0	SVL	Phrynosomatidae	Captivity	Degenhardt et al. 1996	Pyron and Burbrink 2014
Sauria	Iguania	Phrynosomatidae	*Phrynosoma platyrhinos*	8.0	1.44	-0.07	Diurnal	Carnivorous	Oviparous	7.3	1.5	35.5	21.5	38.1	10.9	SVL	Phrynosomatidae	Nature	Stebbins and McGinnis	Pyron and Burbrink 2014
Sauria	Iguania	Phrynosomatidae	*Phrynosoma solare*	8.0	1.68	0.12	Diurnal	Carnivorous	Oviparous	18.6	1.5	34.7	24.0	29.1	11.2	SVL	Phrynosomatidae	Captivity	Degenhardt et al. 1996	Pyron and Burbrink 2014
Sauria	Iguania	Phrynosomatidae	*Sceloporus arenicolus*	2.0	1.08	-0.24	Diurnal	Carnivorous	Oviparous	4.5	1.5	33.4	9.0	32.6	11.0	SVL	Phrynosomatidae	Nature	Degenhardt et al. 1996	Pyron and Burbrink 2014
Sauria	Iguania	Phrynosomatidae	*Sceloporus bicanthalis*	1.3	0.94	-0.74	Diurnal	Carnivorous	Viviparous	7.3	1.0	29.7	6.0	19.4	11.6	SVL	Phrynosomatidae	Nature	Rodriguez-Romero et al	Pyron and Burbrink 2014
Sauria	Iguania	Phrynosomatidae	*Sceloporus cowlesi*	5.0	1.24	-0.24	Diurnal	Carnivorous	Oviparous	9.5	1.0	NA	NA	32.6	11.0	SVL	Phyllodactylidae (Meiri, unpublished)	Nature	Bateman and Chung-M	Leache and Reeder 2002
Sauria	Iguania	Phrynosomatidae	*Sceloporus cyanogenys*	6.7	1.95	0.05	Diurnal	Carnivorous	Viviparous	13.2	1.0	NA	35.9	26.2	11.4	SVL	Phrynosomatidae	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Iguania	Phrynosomatidae	*Sceloporus cyanostictus*	2.0	1.25	NA	Diurnal	Carnivorous	Viviparous	NA	NA	NA	NA	26.0	11.0	SVL	Phrynosomatidae	Captivity	Axtell and Axtell 1971	Martinez-Mendez and Mendez-de la Cruz 2007
Sauria	Iguania	Phrynosomatidae	*Sceloporus graciosus*	8.0	1.36	-0.11	Diurnal	Carnivorous	Oviparous	4.4	1.5	34.2	18.5	40.8	11.1	SVL	Phrynosomatidae	Nature	Alcala 1966	Pyron and Burbrink 2014
Sauria	Iguania	Phrynosomatidae	*Sceloporus grammicus*	3.0	1.25	-0.32	Diurnal	Carnivorous	Viviparous	4.8	1.0	33.5	8.5	23.7	11.5	SVL	Phrynosomatidae	Nature	Ortega-Rubio et al. 19	Pyron and Burbrink 2014
Sauria	Iguania	Phrynosomatidae	*Sceloporus jarrovii*	2.8	1.57	0.04	Diurnal	Carnivorous	Viviparous	6.7	1.0	32.4	10.0	27.2	11.3	SVL	Phrynosomatidae	Nature	Pianka and Parker 1975	Pyron and Burbrink 2014
Sauria	Iguania	Phrynosomatidae	*Sceloporus magister*	6.0	1.91	0.19	Diurnal	Carnivorous	Oviparous	9.3	2.0	34.8	22.0	33.1	11.0	SVL	Phrynosomatidae	Nature	Degenhardt et al. 1996	Pyron and Burbrink 2014
Sauria	Iguania	Phrynosomatidae	*Sceloporus merriami*	6.0	1.02	-0.26	Diurnal	Carnivorous	Oviparous	4.1	1.5	34.6	11.5	29.0	10.9	SVL	Phrynosomatidae	Nature	Dunham 1981	Pyron and Burbrink 2014
Sauria	Iguania	Phrynosomatidae	*Sceloporus occidentalis*	5.0	1.46	-0.02	Diurnal	Carnivorous	Oviparous	10.1	2.0	33.2	20.0	40.4	11.2	SVL	Phrynosomatidae	Nature	Alcala 1966	Pyron and Burbrink 2014
Sauria	Iguania	Phrynosomatidae	*Sceloporus olivaceus*	3.8	1.75	-0.16	Diurnal	Carnivorous	Oviparous	14.7	2.5	33.8	10.0	28.8	11.3	SVL	Phrynosomatidae	Nature	Pianka and Parker 1975	Pyron and Burbrink 2014
Sauria	Iguania	Phrynosomatidae	*Sceloporus orcutti*	16.3	1.68	0.21	Diurnal	Carnivorous	Oviparous	10.1	1.0	31.4	36.0	29.7	10.9	SVL	Phrynosomatidae	Captivity	TAUM	Pyron and Burbrink 2014
Sauria	Iguania	Phrynosomatidae	*Sceloporus poinsettii*	8.0	1.87	0.17	Diurnal	Omnivorous	Viviparous	10.4	1.0	32.1	16.5	28.6	11.1	SVL	Phrynosomatidae	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Iguania	Phrynosomatidae	*Sceloporus scalaris*	5.0	1.21	-0.37	Diurnal	Carnivorous	Oviparous	8.7	1.5	33.5	8.0	24.1	11.5	SVL	Phrynosomatidae	Nature	Degenhardt et al. 1996	Pyron and Burbrink 2014
Sauria	Iguania	Phrynosomatidae	*Sceloporus serrifer*	6.7	1.95	0.08	Diurnal	Carnivorous	Viviparous	12.9	1.0	31.0	35.9	23.5	11.5	SVL	Phrynosomatidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Sauria	Iguania	Phrynosomatidae	*Sceloporus tristichus*	5.0	1.38	-0.16	Diurnal	Carnivorous	Oviparous	7.2	2.0	33.0	17.0	37.2	11.1	SVL	Phrynosomatidae	Nature	Jones and Lovich 2009	Leache and Reeder 2002
Sauria	Iguania	Phrynosomatidae	*Sceloporus undulatus*	4.0	1.39	-0.10	Diurnal	Carnivorous	Oviparous	9.1	3.0	32.5	16.8	34.7	11.3	SVL	Phrynosomatidae	Nature	Degenhardt et al. 1996	Pyron and Burbrink 2014
Sauria	Iguania	Phrynosomatidae	*Sceloporus utiformis*	3.3	1.30	-0.11	Diurnal	Carnivorous	Oviparous	7.1	1.0	NA	NA	20.0	11.6	SVL	Phrynosomatidae	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Iguania	Phrynosomatidae	*Sceloporus variabilis*	1.5	1.20	-0.10	Diurnal	Carnivorous	Oviparous	3.9	5.0	32.9	6.0	19.9	11.6	SVL	Phrynosomatidae	Nature	Fitch 1973	Pyron and Burbrink 2014
Sauria	Iguania	Phrynosomatidae	*Uma inornata*	5.0	1.75	NA	Diurnal	Omnivorous	Oviparous	2.5	1.8	38.0	18.0	33.9	10.7	SVL	Phrynosomatidae	Nature	Barrows et al. 2010	Pyron and Burbrink 2014
Sauria	Iguania	Phrynosomatidae	*Uma notata*	8.1	1.73	0.36	Diurnal	Omnivorous	Oviparous	2.3	2.5	39.2	18.0	32.0	10.7	SVL	Phrynosomatidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Sauria	Iguania	Phrynosomatidae	*Urosaurus graciosus*	5	1.05	-0.14	Diurnal	Carnivorous	Oviparous	4.55	1.5	36.6	8.0	33.7	10.7	SVL	Phrynosomatidae	Nature	Gates 1963	Pyron and Burbrink 2014
Sauria	Iguania	Phrynosomatidae	*Urosaurus ornatus*	3.0	1.07	-0.32	Diurnal	Carnivorous	Oviparous	7.4	3.5	35.8	10.25	32.5	11.0	SVL	Phrynosomatidae	Nature	Tinkle and Dunham 19	Pyron and Burbrink 2014
Sauria	Iguania	Phrynosomatidae	*Uta stansburiana*	4.8	1.20	-0.29	Diurnal	Carnivorous	Oviparous	3.7	4.5	36.0	10.5	34.9	11.0	SVL	Phrynosomatidae	Nature	Medica and Turner 19	Pyron and Burbrink 2014
Sauria	Iguania	Tropiduridae	*Plica plica*	5.2	2.23	0.61	Diurnal	Carnivorous	Oviparous	2.5	2.0	30.7	NA	3.5	11.9	SVL	Tropiduridae S. stricto, Meiri, unpublished	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Iguania	Tropiduridae	*Tropidurus hispidus*	2.0	1.94	0.10	Diurnal	Omnivorous	Oviparous	6.9	2.5	34.1	NA	8.4	11.9	SVL	Tropiduridae S. stricto, Meiri, unpublished	Nature	Marchioro et al. 2005	Pyron and Burbrink 2014
Sauria	Iguania	Tropiduridae	*Tropidurus torquatus*	3.0	1.90	-0.04	Diurnal	Omnivorous	Oviparous	4.7	2.0	33.5	5.0	10.4	11.9	SVL	Tropiduridae S. stricto, Meiri, unpublished	Nature	Wiederhecker et al. 200	Pyron and Burbrink 2014
Sauria	Iguania	Tropiduridae	*Uranoscodon superciliosus*	4.8	2.15	0.28	Diurnal	Carnivorous	Oviparous	6.6	NA	27.9	NA	2.6	12.0	SVL	Tropiduridae S. stricto, Meiri, unpublished	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Laterata	Gymnophthalmida	*Leposoma guianense*	2.0	0.08	-1.03	Cathemeral	Carnivorous	Oviparous	NA	NA	NA	NA	1.7	12.0	SVL	Legged Gymnophthalmidae	Nature	Castanet 1994	Pyron and Burbrink 2014
Sauria	Laterata	Lacertidae	*Acanthodactylus beershebensis*	4.6	1.22	-0.42	Diurnal	Carnivorous	Oviparous	4.5	1.0	34.1	12	31.2	10.7	SVL	Lacertidae	Captivity	TAUM	Pyron and Burbrink 2014
Sauria	Laterata	Lacertidae	*Acanthodactylus boskianus*	9.0	1.29	-0.14	Diurnal	Carnivorous	Oviparous	4.6	1	36.15	9.0	23.3	10.5	SVL	Lacertidae	Nature	Uzum et al. 2014	Pyron and Burbrink 2014
Sauria	Laterata	Lacertidae	*Acanthodactylus dumerilii*	1.5	0.86	-0.37	Diurnal	Carnivorous	Oviparous	1.5	3.5	NA	7.0	24.9	10.4	SVL	Lacertidae	Nature	Cisse et al. 1977	Tamar 2014 (PhD thesis)
Sauria	Laterata	Lacertidae	*Acanthodactylus erythrurus*	2.1	1.14	-0.23	Diurnal	Carnivorous	Oviparous	4.0	1.5	32.5	14.0	37.1	11.2	SVL	Lacertidae	Nature	Busack and Jaksic 1982	Pyron and Burbrink 2014
Sauria	Laterata	Lacertidae	*Acanthodactylus pardalis*	4.0	1.02	-0.18	Diurnal	Carnivorous	Oviparous	3.7	4.0	35.3	22.0	31.2	10.5	SVL	Lacertidae	Nature	Castanet 1994	Pyron and Burbrink 2014
Sauria	Laterata	Lacertidae	*Acanthodactylus schreiberi*	5.9	1.27	0.04	Diurnal	Carnivorous	Oviparous	2.8	2.5	38.0	NA	34.2	11.1	SVL	Lacertidae	Captivity	TAUM	Pyron and Burbrink 2014
Sauria	Laterata	Lacertidae	*Acanthodactylus scutellatus*	9.3	1.15	-0.46	Diurnal	Carnivorous	Oviparous	2.6	2.5	35.7	7.5	23.7	10.4	SVL	Lacertidae	Captivity	TAUM	Pyron and Burbrink 2014
Sauria	Laterata	Lacertidae	*Algyroides moreoticus*	9.2	0.47	-0.68	Diurnal	Carnivorous	Oviparous	3.3	4.5	32.4	12.0	37.7	11.2	SVL	Lacertidae	Captivity	Bogin et al. 1999	Pyron and Burbrink 2014
Sauria	Laterata	Lacertidae	*Algyroides nigropunctatus*	2.3	0.90	-0.58	Diurnal	Carnivorous	Oviparous	3.5	1.5	32.3	NA	42.3	11.4	SVL	Lacertidae	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Laterata	Lacertidae	*Anatololacerta anatolica*	10.0	0.99	-0.55	Diurnal	Carnivorous	Oviparous	5.5	1.0	32.9	36.0	39.0	11.3	SVL	Lacertidae	Nature	Yakin and Tok 2014	Pyron and Burbrink 2014
Sauria	Laterata	Lacertidae	*Atlantolacerta andreanskyi*	5.0	0.59	-0.57	Diurnal	Carnivorous	Oviparous	1.9	3.5	31.4	14.8	31.5	11.0	SVL	Lacertidae	Captivity	Schleich et al. 1996	Pyron and Burbrink 2014
Sauria	Laterata	Lacertidae	*Dalmatolacerta oxycephala*	3.8	0.91	-0.50	Diurnal	Carnivorous	Oviparous	3.4	1.5	33.1	NA	43.1	11.4	SVL	Lacertidae	Captivity	TAUM	Pyron and Burbrink 2014
Sauria	Laterata	Lacertidae	*Darevskia armeniaca*	8.0	0.96	-0.33	Diurnal	Carnivorous	Oviparous	4.0	1.0	NA	42.0	41.1	11.4	SVL	Lacertidae	Nature	Arakelyan et al. 2011	Pyron and Burbrink 2014
Sauria	Laterata	Lacertidae	*Darevskia brauneri*	13.0	0.92	-0.37	Diurnal	Carnivorous	Oviparous	4.0	NA	NA	24	43.9	11.4	SVL	Lacertidae	Nature	Tsellarius and Tsellariu	Pyron and Burbrink 2014
Sauria	Laterata	Lacertidae	*Darevskia dahli*	6.0	0.79	-0.39	Diurnal	Carnivorous	Oviparous	3.5	1.5	NA	42.0	41.0	11.4	SVL	Lacertidae	Nature	Arakelyan et al. 2011	hybrid between Darevskia mixta & D. portschin
Sauria	Laterata	Lacertidae	*Darevskia portschinskii*	6.0	0.85	-0.37	Diurnal	Carnivorous	Oviparous	3.5	1.0	NA	NA	40.9	11.4	SVL	Lacertidae	Nature	Arakelyan et al. 2011	Pyron and Burbrink 2014
Sauria	Laterata	Lacertidae	*Darevskia praticola*	8.5	0.83	-0.55	Diurnal	Carnivorous	Oviparous	4.9	1.5	NA	NA	43.2	11.4	SVL	Lacertidae	Captivity	Bogin et al. 1999	Pyron and Burbrink 2014
Sauria	Laterata	Lacertidae	*Darevskia raddei*	6.0	1.01	-0.38	Diurnal	Carnivorous	Oviparous	4.0	1.5	NA	30.0	38.9	11.2	SVL	Lacertidae	Nature	Arakelyan 2002	Pyron and Burbrink 2014
Sauria	Laterata	Lacertidae	*Darevskia rostombekovi*	6.0	0.70	-0.54	Diurnal	Carnivorous	Oviparous	2.5	1.0	NA	54.0	40.8	11.3	SVL	Lacertidae	Nature	Arakelyan et al. 2011	Pyron and Burbrink 2014
Sauria	Laterata	Lacertidae	*Darevskia rudis*	8.0	1.20	-0.35	Diurnal	Omnivorous	Oviparous	5.0	1.0	NA	NA	41.8	11.4	SVL	Lacertidae	Nature	Gul et al. 2014	Pyron and Burbrink 2014
Sauria	Laterata	Lacertidae	*Darevskia saxicola*	5.8	1.20	-0.46	Diurnal	Omnivorous	Oviparous	4.0	2.0	NA	NA	44.2	11.4	SVL	Lacertidae	Captivity	TAUM	Pyron and Burbrink 2014
Sauria	Laterata	Lacertidae	*Darevskia unisexualis*	7.0	0.96	-0.32	Diurnal	Carnivorous	Oviparous	5.0	1.5	NA	42.0	40.3	11.3	SVL	Lacertidae	Nature	Arakelyan 2002	hybrid between Darevskia mixta & D. portschin
Sauria	Laterata	Lacertidae	*Darevskia valentini*	7.0	1.07	-0.28	Diurnal	Carnivorous	Oviparous	5.2	1.0	NA	42.0	39.5	11.3	SVL	Lacertidae	Nature	Arakelyan 2002	Pyron and Burbrink 2014
Sauria	Laterata	Lacertidae	*Dinarolacerta mosorensis*	9.0	1.07	-0.39	Diurnal	Carnivorous	Oviparous	4.8	1.0	34.0	36.0	43.2	11.5	SVL	Lacertidae	Nature	Tomasevic-Kolarov et a	Pyron and Burbrink 2014
Sauria	Laterata	Lacertidae	*Eremias argus*	11.0	0.86	-0.30	Diurnal	Carnivorous	Oviparous	3.3	2.4	NA	NA	43.4	11.0	SVL	Lacertidae	Nature	Altunisik et al. 2013	Pyron and Burbrink 2014
Sauria	Laterata	Lacertidae	*Eremias strauchi*	7.0	1.07	-0.26	Diurnal	Omnivorous	Oviparous	8.0	2.0	40.3	10.5	38.2	11.0	SVL	Lacertidae	Nature	Altunisik et al. 2013	Rastegar-Pouyani et al. 2013
Sauria	Laterata	Lacertidae	*Gallotia atlantica*	12.0	1.46	-0.18	Diurnal	Omnivorous	Oviparous	2.2	2.0	33.4	NA	28.5	10.6	SVL	Lacertidae	Captivity	Jesus 2012	Pyron and Burbrink 2014
Sauria	Laterata	Lacertidae	*Gallotia bravoana*	6.0	2.21	0.31	Diurnal	Herbivorous	Oviparous	5.0	1.0	36.0	24.0	28.1	11.1	SVL	Lacertidae	Nature	Castanet and Baez 1991	Pyron and Burbrink 2014
Sauria	Laterata	Lacertidae	*Gallotia caesaris*	12.0	1.49	-0.05	Diurnal	Omnivorous	Oviparous	3.2	1.5	35.5	23.0	28.0	10.8	SVL	Lacertidae	Captivity	Jesus 2012	Pyron and Burbrink 2014
Sauria	Laterata	Lacertidae	*Gallotia galloti*	15.0	1.84	0.10	Diurnal	Herbivorous	Oviparous	3.8	1.5	32.6	35.5	28.5	10.9	SVL	Lacertidae	Captivity	Jesus 2012	Pyron and Burbrink 2014
Sauria	Laterata	Lacertidae	*Gallotia intermedia*	10.4	1.96	0.48	Diurnal	Omnivorous	Oviparous	7.4	NA	NA	NA	28.5	10.9	SVL	Lacertidae	Nature	Molina-Borja and Rodri	Pyron and Burbrink 2014
Sauria	Laterata	Lacertidae	*Gallotia simonyi*	20.0	3.43	0.50	Diurnal	Herbivorous	Oviparous	10.2	1.5	34.4	30.0	27.5	11.0	SVL	Lacertidae	Nature	Castanet and Baez 1991	Pyron and Burbrink 2014
Sauria	Laterata	Lacertidae	*Gallotia stehlini*	13.0	3.04	0.29	Diurnal	Herbivorous	Oviparous	9.8	1.0	33.6	41.5	28.2	10.7	SVL	Lacertidae	Captivity	Jesus 2012	Pyron and Burbrink 2014
Sauria	Laterata	Lacertidae	*Iberolacerta aurelioi*	17.0	0.81	-0.27	Diurnal	Carnivorous	Oviparous	2.5	1.0	28.1	38.5	43.2	11.6	SVL	Lacertidae	Nature	Arribas 2004	Pyron and Burbrink 2014
Sauria	Laterata	Lacertidae	*Iberolacerta monticola*	15.0	1.14	-0.46	Diurnal	Carnivorous	Oviparous	6.3	1.5	31.5	23.5	42.5	11.5	SVL	Lacertidae	Nature	Galan 2011	Pyron and Burbrink 2014
Sauria	Laterata	Lacertidae	*Lacerta agilis*	12.0	1.53	-0.39	Diurnal	Carnivorous	Oviparous	7.7	1.0	32.2	24.0	52.5	11.2	SVL	Lacertidae	Nature	Olsson and Shine 1996	Pyron and Burbrink 2014
Sauria	Laterata	Lacertidae	*Lacerta bilineata*	13.0	1.70	NA	Diurnal	Carnivorous	Oviparous	11.1	1.5	NA	12.0	44.8	11.5	SVL	Lacertidae	Captivity	Jesus 2012	Pyron and Burbrink 2014
Sauria	Laterata	Lacertidae	*Lacerta media*	10.6	1.96	-0.16	Diurnal	Carnivorous	Oviparous	11.2	2.0	26.1	24.0	38.6	11.1	SVL	Lacertidae	Captivity	TAUM	Pyron and Burbrink 2014
Sauria	Laterata	Lacertidae	*Lacerta schreiberi*	10.0	1.74	-0.26	Diurnal	Carnivorous	Oviparous	12.4	2.0	31.1	16.0	41.2	11.4	SVL	Lacertidae	Nature	Luis et al. 2004	Pyron and Burbrink 2014
Sauria	Laterata	Lacertidae	*Lacerta strigata*	4.0	1.96	-0.14	Diurnal	Carnivorous	Oviparous	10.5	1.5	NA	17.5	40.7	11.2	SVL	Lacertidae	Nature	Roitberg and Smirina 2	Pyron and Burbrink 2014
Sauria	Laterata	Lacertidae	*Lacerta trilineata*	7.8	2.07	-0.02	Diurnal	Omnivorous	Oviparous	9.0	1.5	31.8	24.0	40.4	11.3	SVL	Lacertidae	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Laterata	Lacertidae	*Lacerta viridis*	10.0	1.96	-0.08	Diurnal	Carnivorous	Oviparous	8.1	1.5	33.9	19.5	44.9	11.4	SVL	Lacertidae	unclear	De Magalhaes and Cost	Pyron and Burbrink 2014
Sauria	Laterata	Lacertidae	*Mesalina guttulata*	4.4	0.90	-0.60	Diurnal	Carnivorous	Oviparous	4.3	1.5	31.3	12	26.5	10.5	SVL	Lacertidae	Captivity	TAUM	Pyron and Burbrink 2014
Sauria	Laterata	Lacertidae	*Mesalina olivieri*	5.0	0.52	-0.55	Diurnal	Carnivorous	Oviparous	4.5	2.0	30.2	8.0	30.9	10.7	SVL	Lacertidae	Nature	Castanet 1994	Pyron and Burbrink 2014
Sauria	Laterata	Lacertidae	*Mesalina rubropunctata*	4.0	0.85	-0.37	Diurnal	Carnivorous	Oviparous	4.5	3.0	NA	NA	24.7	10.3	SVL	Lacertidae	Captivity	TAUM	Pyron and Burbrink 2014
Sauria	Laterata	Lacertidae	*Nucras lalandii*	6.7	1.59	-0.70	Diurnal	Carnivorous	Oviparous	7.0	1.0	NA	NA	29.8	11.6	SVL	Lacertidae	Captivity	Bogin et al. 1999	Edwards et al. 2013
Sauria	Laterata	Lacertidae	*Omanosaura jayakari*	17.0	2.25	0.52	Diurnal	Omnivorous	Oviparous	6.0	5.0	NA	NA	25.1	10.4	SVL	Lacertidae	Captivity	TAUM	Pyron and Burbrink 2014
Sauria	Laterata	Lacertidae	*Ophisops elegans*	5.0	0.90	-0.59	Diurnal	Carnivorous	Oviparous	4.0	3.0	31.3	12	35.9	10.9	SVL	Lacertidae	Nature	Gharzi and Yari 2013	Pyron and Burbrink 2014
Sauria	Laterata	Lacertidae	*Parvilacerta parva*	8.0	0.75	-0.44	Diurnal	Carnivorous	Oviparous	3.0	2.0	NA	NA	39.2	11.2	SVL	Lacertidae	Nature	Yakin et al. 2012	Pyron and Burbrink 2014
Sauria	Laterata	Lacertidae	*Pedioplanis lineoocellata*	5.0	0.85	NA	Diurnal	Carnivorous	Oviparous	6.9	1.5	37.5	16.5	29.6	11.2	SVL	Lacertidae	Captivity	Rogner 1997	Pyron and Burbrink 2014
Sauria	Laterata	Lacertidae	*Phoenicolacerta laevis*	4.6	1.18	-0.41	Diurnal	Carnivorous	Oviparous	5.3	3.0	32.5	6.0	35.1	11.0	SVL	Lacertidae	Captivity	TAUM	Pyron and Burbrink 2014
Sauria	Laterata	Lacertidae	*Podarcis bocagei*	4.0	0.90	-0.55	Diurnal	Carnivorous	Oviparous	3.4	2.5	32.3	16.0	42.8	11.4	SVL	Lacertidae	Nature	Galan 2008	Pyron and Burbrink 2014
Sauria	Laterata	Lacertidae	*Podarcis erhardii*	5.0	1.14	-0.23	Diurnal	Carnivorous	Oviparous	2.5	2.0	33.3	10.5	39.0	11.2	SVL	Lacertidae	Nature	Panayiotis Pafilis, pers.	Pyron and Burbrink 2014
Sauria	Laterata	Lacertidae	*Podarcis filfolensis*	2.0	1.2	-0.4	Diurnal	Omnivorous	Oviparous	2.5	1.5	32.8	NA	36.0	10.9	SVL	Lacertidae	Captivity	Carey and Judge 2000	Pyron and Burbrink 2014
Sauria	Laterata	Lacertidae	*Podarcis gaigeae*	5.0	1.36	-0.28	Diurnal	Carnivorous	Oviparous	2.5	2.5	32.6	11.0	39.0	10.8	SVL	Lacertidae	Nature	Panayiotis Pafilis, pers.	Pyron and Burbrink 2014
Sauria	Laterata	Lacertidae	*Podarcis hispanicus*	13.0	0.97	-0.44	Diurnal	Omnivorous	Oviparous	2.9	3.0	31.9	8.0	40.6	11.4	SVL	Lacertidae	Captivity	Jesus 2012	Pyron and Burbrink 2014
Sauria	Laterata	Lacertidae	*Podarcis lilfordi*	13.9	1.09	-0.13	Diurnal	Omnivorous	Oviparous	2.5	2.5	32.3	12	39.8	10.9	SVL	Lacertidae	Captivity	TAUM	Pyron and Burbrink 2014
Sauria	Laterata	Lacertidae	*Podarcis melisellensis*	3.9	0.97	-0.44	Diurnal	Carnivorous	Oviparous	4.25	3	32.5	NA	43.8	11.4	SVL	Lacertidae	Captivity	TAUM	Pyron and Burbrink 2014
Sauria	Laterata	Lacertidae	*Podarcis muralis*	10.1	1.04	-0.45	Diurnal	Omnivorous	Oviparous	5.4	2.0	32.2	21.0	44.5	11.5	SVL	Lacertidae	Captivity	TAUM	Pyron and Burbrink 2014
Sauria	Laterata	Lacertidae	*Podarcis pityusensis*	18.0	1.10	-0.23	Diurnal	Omnivorous	Oviparous	2.7	3.0	34.2	21	39.2	11.0	SVL	Lacertidae	Captivity	Jesus 2012	Pyron and Burbrink 2014
Sauria	Laterata	Lacertidae	*Podarcis siculus*	3.7	1.22	-0.23	Diurnal	Omnivorous	Oviparous	4.6	3	34.5	12.0	41.8	11.3	SVL	Lacertidae	Captivity	TAUM	Pyron and Burbrink 2014
Sauria	Laterata	Lacertidae	*Podarcis tiliguerta*	15.0	1.18	-0.35	Diurnal	Carnivorous	Oviparous	9.0	NA	29.8	NA	41.0	11.2	SVL	Lacertidae	Captivity	Jesus 2012	Pyron and Burbrink 2014
Sauria	Laterata	Lacertidae	*Psammodromus algirus*	2.8	1.27	-0.30	Diurnal	Omnivorous	Oviparous	5.35	2	32.8	13.0	37.2	11.1	SVL	Lacertidae	Captivity	TAUM	Pyron and Burbrink 2014
Sauria	Laterata	Lacertidae	*Psammodromus hispanicus*	0.9	0.62	-0.64	Diurnal	Carnivorous	Oviparous	3.3	1.5	31.4	5.0	40.1	11.3	SVL	Lacertidae	Nature	Bauwens and Diaz-Uria	Pyron and Burbrink 2014
Sauria	Laterata	Lacertidae	*Scelarcis perspicillata*	5.0	0.70	-0.45	Diurnal	Carnivorous	Oviparous	2.5	2.5	NA	NA	33.7	11.0	SVL	Lacertidae	Nature	Jesus 2012	Pyron and Burbrink 2014
Sauria	Laterata	Lacertidae	*Takydromus sexlineatus*	1.5	0.90	-0.77	Diurnal	Carnivorous	Oviparous	2.2	4.5	31.6	NA	13.9	11.7	SVL	Lacertidae	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Laterata	Lacertidae	*Takydromus tachydromoides*	9.0	0.90	-0.42	Diurnal	Carnivorous	Oviparous	4.0	4.5	NA	9.5	37.6	11.3	SVL	Lacertidae	Captivity	Bogin et al. 1999	Pyron and Burbrink 2014
Sauria	Laterata	Lacertidae	*Teira dugesii*	16.0	1.09	-0.15	Diurnal	Omnivorous	Oviparous	2.5	2.0	33.8	15.0	35.8	10.8	SVL	Lacertidae	Nature	Jesus 2012	Pyron and Burbrink 2014
Sauria	Laterata	Lacertidae	*Timon lepidus*	28.0	2.58	0.17	Diurnal	Omnivorous	Oviparous	13.7	1.0	30.4	24.5	41.2	11.4	SVL	Lacertidae	Captivity	Jesus 2012	Pyron and Burbrink 2014
Sauria	Laterata	Lacertidae	*Zootoca vivipara*	5.0	1.02	-0.80	Diurnal	Carnivorous	Viviparous	7.1	1.0	30.5	18.9	56.4	11.1	SVL	Lacertidae	Nature	Jesus 2012	Pyron and Burbrink 2014
Sauria	Laterata	Teiidae	*Ameiva ameiva*	4.6	2.48	0.20	Diurnal	Carnivorous	Oviparous	5.1	2.5	37.8	6.0	7.3	11.9	SVL	Teiidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Sauria	Laterata	Teiidae	*Aspidoscelis deppei*	2.0	1.4	-0.1	Diurnal	Carnivorous	Oviparous	2.3	4.0	40.2	5.0	15.6	11.8	SVL	Teiidae	Nature	Savage 2002	Pyron and Burbrink 2014

Sauria	Laterata	Teiidae	*Aspidoscelis dixoni*	4.0	1.6	0.0	Diurnal	Carnivorous	Oviparous	3.8	1.0	40.0	NA	30.5	10.9	SVL	Teiidae	Nature	Degenhardt et al. 1996	Reeder et al. 2002 (species group)
Sauria	Laterata	Teiidae	*Aspidoscelis exsanguis*	4.0	1.49	0.05	Diurnal	Carnivorous	Oviparous	3.6	1.5	39.2	11.0	32.0	11.0	SVL	Teiidae	Nature	Bateman et al. 2010	Reeder et al. 2002
Sauria	Laterata	Teiidae	*Aspidoscelis laredoensis*	3.0	1.33	-0.11	Diurnal	Carnivorous	Oviparous	2.8	1.5	39.5	10.5	27.3	11.2	SVL	Teiidae	Nature	Paulissen 2000	Pyron and Burbrink 2014
Sauria	Laterata	Teiidae	*Aspidoscelis neomexicana*	4.0	1.27	0.01	Diurnal	Carnivorous	Oviparous	1.9	1.5	39.4	11.0	33.1	11.0	SVL	Teiidae	Nature	Bateman et al. 2010	Warne and Charnov 2008
Sauria	Laterata	Teiidae	*Aspidoscelis rodecki*	2.0	1.08	NA	Diurnal	Carnivorous	Oviparous	2.3	1.5	38.0	10.5	21.4	10.8	SVL	Teiidae	Nature	Walker 2012	de la Vega-Perez et al. 2013
Sauria	Laterata	Teiidae	*Aspidoscelis scalaris*	3.0	1.77	-0.05	Diurnal	Carnivorous	Oviparous	3.3	2.0	37.6	10.0	27.5	11.0	SVL	Teiidae	Nature	Castanet 1994	Reeder et al. 2002
Sauria	Laterata	Teiidae	*Aspidoscelis sexlineata*	5.5	1.35	-0.09	Diurnal	Carnivorous	Oviparous	3.7	2.0	38.8	17.0	35.4	11.5	SVL	Teiidae	Captivity	TAUM	Pyron and Burbrink 2014
Sauria	Laterata	Teiidae	*Aspidoscelis tesselata*	5.0	1.56	0.29	Diurnal	Carnivorous	Oviparous	4.1	1.5	39.9	18.5	32.5	11.0	SVL	Teiidae	Nature	Degenhardt et al. 1996	Warne and Charnov 2008
Sauria	Laterata	Teiidae	*Aspidoscelis tigris*	8.0	1.90	-0.02	Diurnal	Carnivorous	Oviparous	2.7	2.0	39.2	20.5	34.4	11.0	SVL	Teiidae	Nature	Degenhardt et al. 1996	Pyron and Burbrink 2014
Sauria	Laterata	Teiidae	*Aspidoscelis uniparens*	4.0	1.27	-0.22	Diurnal	Carnivorous	Oviparous	3.2	2.0	38.9	10.0	32.3	11.0	SVL	Teiidae	Nature	Bateman et al. 2010	Warne and Charnov 2008
Sauria	Laterata	Teiidae	*Callopistes flavipunctatus*	4.3	3.06	NA	Diurnal	Carnivorous	Oviparous	NA	NA	NA	NA	5.8	11.3	SVL	Teiidae	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Laterata	Teiidae	*Callopistes maculatus*	5.0	2.21	NA	Diurnal	Omnivorous	Oviparous	6.0	NA	38.0	NA	29.8	10.9	SVL	Teiidae	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Laterata	Teiidae	*Cnemidophorus arubensis*	2.0	1.80	NA	Diurnal	Herbivorous	Oviparous	1.0	2.0	39.4	NA	12.5	10.9	SVL	Teiidae	Captivity	Slavens and Slavens 19	Harvey et al. 2012
Sauria	Laterata	Teiidae	*Cnemidophorus murinus*	5.0	2.10	0.30	Diurnal	Herbivorous	Oviparous	1.2	NA	38.8	NA	11.9	10.9	SVL	Teiidae	Nature	Dearing and Schall 199	Harvey et al. 2012
Sauria	Laterata	Teiidae	*Cnemidophorus vanzoi*	5.3	1.86	0.27	Diurnal	Omnivorous	Oviparous	NA	NA	41.0	NA	13.7	10.8	SVL	Teiidae	Captivity	Henderson and Powell 2	Pyron and Burbrink 2014
Sauria	Laterata	Teiidae	*Crocodilurus amazonicus*	7.8	3.04	1.06	Diurnal	Carnivorous	Oviparous	4.5	1.5	31.2	24.0	3.1	12.0	SVL	Teiidae	Captivity	Honegger 1969	Pyron and Burbrink 2014
Sauria	Laterata	Teiidae	*Dracaena guianensis*	9.3	3.39	1.60	Diurnal	Carnivorous	Oviparous	8.5	NA	32.2	NA	4.0	12.0	SVL	Teiidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Sauria	Laterata	Teiidae	*Holcosus quadrilineatus*	2.0	1.3	-0.1	Diurnal	Carnivorous	Oviparous	2.1	2.5	37.5	8.0	9.3	11.5	SVL	Teiidae	Nature	Savage 2002	Pyron and Burbrink 2014
Sauria	Laterata	Teiidae	*Holcosus undulatus*	2.0	1.91	0.04	Diurnal	Carnivorous	Oviparous	4.3	NA	38.3	NA	17.1	11.7	SVL	Teiidae	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Laterata	Teiidae	*Salvator merianae*	20.0	3.65	0.99	Diurnal	Omnivorous	Oviparous	36.5	1.0	35.0	36.0	15.6	11.8	SVL	Teiidae	Captivity	Britto et al. 2001	Pyron and Burbrink 2014
Sauria	Laterata	Teiidae	*Salvator rufescens*	10.8	3.92	NA	Diurnal	Omnivorous	Oviparous	21.4	1.0	NA	24	25.8	11.6	SVL	Teiidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Sauria	Laterata	Teiidae	*Tupinambis teguixin*	16.1	3.65	1.17	Diurnal	Omnivorous	Oviparous	12.0	1.0	34.1	NA	8.0	11.9	SVL	Teiidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Sauria	Scincimorpha	Cordylidae	*Chamaesaura aenea*	1.8	1.07	NA	Diurnal	Carnivorous	Viviparous	12.0	NA	NA	NA	27.8	11.6	SVL	leg-reduced lizards	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Scincimorpha	Cordylidae	*Chamaesaura macrolepis*	1.3	1.28	NA	Diurnal	Carnivorous	Viviparous	7.0	NA	NA	NA	16.8	11.7	SVL	leg-reduced lizards	Captivity	Slavens and Slavens 19	close to congeneric
Sauria	Scincimorpha	Cordylidae	*Cordylus cordylus*	15.6	1.43	-0.21	Diurnal	Omnivorous	Viviparous	2.0	1.0	24.2	30.0	33.0	11.4	SVL	Legged Cordylidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Sauria	Scincimorpha	Cordylidae	*Cordylus jonesii*	10.0	1.30	-0.08	Diurnal	Carnivorous	Viviparous	2.5	NA	33.5	36.0	22.4	11.5	SVL	Legged Cordylidae	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Scincimorpha	Cordylidae	*Cordylus tropidosternum*	7.9	1.54	-0.21	Diurnal	Carnivorous	Viviparous	2.5	NA	NA	NA	13.6	11.7	SVL	Legged Cordylidae	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Scincimorpha	Cordylidae	*Cordylus vittifer*	7.5	1.35	0.41	Diurnal	Carnivorous	Viviparous	2.5	NA	32.1	NA	26.1	11.6	SVL	Legged Cordylidae	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Scincimorpha	Cordylidae	*Hemicordylus capensis*	3.3	1.56	0.18	Diurnal	Carnivorous	Viviparous	2.0	1.0	NA	NA	33.2	11.3	SVL	Legged Cordylidae	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Scincimorpha	Cordylidae	*Karusasaurus polyzonus*	11.1	1.66	NA	Diurnal	Carnivorous	Viviparous	2.1	1.0	NA	NA	30.8	11.1	SVL	Legged Cordylidae	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Scincimorpha	Cordylidae	*Namazonurus peersi*	4.0	1.18	NA	Diurnal	Carnivorous	Viviparous	NA	NA	NA	NA	30.3	11.0	SVL	Legged Cordylidae	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Scincimorpha	Cordylidae	*Ninurta coeruleopunctatus*	3.2	1.12	NA	Diurnal	Carnivorous	Viviparous	3.5	NA	NA	NA	33.9	11.5	SVL	Legged Cordylidae	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Scincimorpha	Cordylidae	*Ouroborus cataphractus*	25.0	1.77	NA	Diurnal	Carnivorous	Viviparous	1.0	1.0	29.6	NA	31.4	11.0	SVL	Legged Cordylidae	Captivity	Fogel 2003	Pyron and Burbrink 2014
Sauria	Scincimorpha	Cordylidae	*Platysaurus capensis*	7.3	1.23	NA	Diurnal	Omnivorous	Oviparous	2.0	1.5	NA	NA	29.1	10.8	SVL	Legged Cordylidae	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Scincimorpha	Cordylidae	*Platysaurus guttatus*	15.7	1.62	NA	Diurnal	Omnivorous	Oviparous	2.0	NA	NA	NA	24.2	11.5	SVL	Legged Cordylidae	Captivity	De Magalhaes and Cost	Stanley et al. 2011
Sauria	Scincimorpha	Cordylidae	*Platysaurus imperator*	14.0	2.02	NA	Diurnal	Omnivorous	Oviparous	2.0	NA	NA	NA	17.1	11.7	SVL	Legged Cordylidae	Captivity	De Magalhaes and Cost	Scott et al. 2004
Sauria	Scincimorpha	Cordylidae	*Platysaurus intermedius*	13.4	1.83	-0.42	Diurnal	Omnivorous	Oviparous	2.0	NA	28.8	NA	20.7	11.6	SVL	Legged Cordylidae	Captivity	TAUM	Pyron and Burbrink 2014
Sauria	Scincimorpha	Cordylidae	*Pseudocordylus microlepidotus*	2.8	2.01	0.15	Diurnal	Omnivorous	Viviparous	4.0	NA	NA	NA	33.0	11.4	SVL	Legged Cordylidae	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Scincimorpha	Cordylidae	*Pseudocordylus spinosus*	1.8	1.25	NA	Diurnal	Carnivorous	Viviparous	2.5	NA	NA	NA	28.8	11.7	SVL	Legged Cordylidae	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Scincimorpha	Cordylidae	*Smaug breyeri*	5.9	2.01	NA	Diurnal	Carnivorous	Viviparous	4.0	1.0	NA	NA	24.0	11.4	SVL	Legged Cordylidae	Captivity	Slavens and Slavens 19	Stanley et al. 2011
Sauria	Scincimorpha	Cordylidae	*Smaug giganteus*	24.9	2.66	0.63	Diurnal	Carnivorous	Viviparous	2.1	0.6	NA	NA	27.8	11.5	SVL	Legged Cordylidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Sauria	Scincimorpha	Cordylidae	*Smaug regius*	7.2	1.99	NA	Diurnal	Carnivorous	Viviparous	5.5	1.0	NA	NA	18.0	11.7	SVL	Legged Cordylidae	Captivity	Slavens and Slavens 19	Stanley et al. 2011
Sauria	Scincimorpha	Cordylidae	*Smaug vandami*	7.9	2.01	NA	Diurnal	Carnivorous	Viviparous	4.0	1.0	NA	NA	25.0	11.5	SVL	Legged Cordylidae	Captivity	Slavens and Slavens 19	Stanley et al. 2011
Sauria	Scincimorpha	Cordylidae	*Smaug warreni*	19.8	2.11	0.48	Diurnal	Carnivorous	Viviparous	5.0	NA	NA	NA	21.9	11.6	SVL	Legged Cordylidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Sauria	Scincimorpha	Gerrhosauridae	*Gerrhosaurus flavigularis*	11.3	1.90	0.37	Diurnal	Carnivorous	Oviparous	4.5	3.0	33.3	NA	14.9	11.6	SVL	Gerrhosauridae	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Scincimorpha	Gerrhosauridae	*Gerrhosaurus major*	24.0	2.56	NA	Diurnal	Omnivorous	Oviparous	5.0	NA	31.7	NA	5.3	11.6	SVL	Gerrhosauridae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Sauria	Scincimorpha	Gerrhosauridae	*Gerrhosaurus multilineatus*	8.3	2.41	NA	Diurnal	Omnivorous	Oviparous	12.0	NA	NA	NA	18.2	11.5	SVL	Gerrhosauridae	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Scincimorpha	Gerrhosauridae	*Gerrhosaurus nigrolineatus*	8.3	2.20	0.48	Diurnal	Carnivorous	Oviparous	6.5	NA	34.2	NA	12.5	11.7	SVL	Gerrhosauridae	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Scincimorpha	Gerrhosauridae	*Gerrhosaurus skoogi*	12.0	2.02	0.70	Diurnal	Herbivorous	Oviparous	2	1	NA	NA	19.1	10.3	SVL	Gerrhosauridae	Captivity	TAUM	Pyron and Burbrink 2014
Sauria	Scincimorpha	Gerrhosauridae	*Gerrhosaurus typicus*	2.3	1.84	NA	Diurnal	Carnivorous	Oviparous	NA	NA	NA	NA	31.8	11.1	SVL	Gerrhosauridae	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Scincimorpha	Gerrhosauridae	*Gerrhosaurus validus*	17.2	2.79	NA	Diurnal	Omnivorous	Oviparous	4.0	NA	NA	NA	19.7	11.6	SVL	Gerrhosauridae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Sauria	Scincimorpha	Gerrhosauridae	*Tetradactylus africanus*	1.3	0.58	NA	Diurnal	Carnivorous	Oviparous	3.5	NA	NA	NA	29.5	11.5	SVL	leg-reduced lizards	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Scincimorpha	Gerrhosauridae	*Zonosaurus laticaudatus*	8.9	2.10	NA	Diurnal	Omnivorous	Oviparous	NA	NA	NA	NA	18.1	11.7	SVL	Gerrhosauridae	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Ablepharus rueppellii*	8.3	0.42	-0.92	Diurnal	Carnivorous	Oviparous	1.5	1	31.8	NA	32.2	11.2	SVL	Legged Scincidae	Captivity	TAUM	Genus placement in Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Acontias meleagris*	3.9	1.47	0.16	Cathemeral	Carnivorous	Viviparous	3.0	NA	21.8	NA	33.5	11.3	SVL	Limbless lizards	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Anomalopus swansoni*	8.0	0.46	-0.43	Diurnal	Carnivorous	Viviparous	2.5	NA	NA	NA	32.9	11.7	SVL	Limbless lizards	Captivity	Brown 2012	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Anomalopus verreauxi*	7.0	1.40	-0.18	Nocturnal	Carnivorous	Oviparous	8.0	1.0	NA	NA	26.3	11.6	SVL	leg-reduced lizards	Captivity	Brown 2012	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Bassiana duperreyi*	7.0	1.02	-0.57	Diurnal	Carnivorous	Oviparous	5.3	1.0	29.1	30.0	37.4	11.5	SVL	Legged Scincidae	Nature	Hutchinson 1993	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Bellatorias frerei*	10.8	2.37	0.90	Diurnal	Omnivorous	Viviparous	3.0	NA	NA	NA	19.0	11.6	SVL	Legged Scincidae	Captivity	Greer 1989	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Bellatorias major*	23.0	3.25	0.96	Diurnal	Omnivorous	Viviparous	5.4	NA	31.4	NA	29.9	11.7	SVL	Legged Scincidae	Captivity	Hauschild and Gassner	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Carlia bicarinata*	2.0	0.30	-1.15	Diurnal	Carnivorous	Oviparous	2.0	NA	NA	NA	10.4	11.6	SVL	Legged Scincidae	Nature	Zug et al. 1982	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Carlia rostralis*	3.8	0.83	-0.40	Diurnal	Carnivorous	Oviparous	2.0	3.5	30.0	9.3	17.6	11.5	SVL	Legged Scincidae	Nature	Manicom 2010	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Carlia rubrigularis*	3.6	0.64	-0.79	Diurnal	Carnivorous	Oviparous	2.0	1.0	30.1	9.0	17.7	11.6	SVL	Legged Scincidae	Nature	Manicom 2010	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Carlia storri*	3.3	0.24	-0.86	Diurnal	Carnivorous	Oviparous	2.0	NA	30.2	10.0	14.3	11.6	SVL	Legged Scincidae	Nature	Manicom 2010	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Chalcides chalcides*	4.0	1.53	-0.12	Cathemeral	Carnivorous	Viviparous	7.4	1.0	NA	21.0	38.9	11.1	SVL	leg-reduced lizards	Nature	Guarino 2010	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Chalcides guentheri*	7.0	1.03	-0.34	Diurnal	Carnivorous	Viviparous	5.8	1.5	29.0	12	32.3	11.0	SVL	Limbless lizards	Captivity	TAUM	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Chalcides lanzai*	6.0	1.59	0.05	Diurnal	Carnivorous	Viviparous	6.3	1.0	NA	48.0	33.3	11.3	SVL	Legged Scincidae	Captivity	Bogaerts 2006	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Chalcides ocellatus*	14.0	2.34	0.07	Cathemeral	Omnivorous	Viviparous	7.0	1.5	32.8	22.0	27.4	10.6	SVL	Legged Scincidae	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Chalcides sepsoides*	9.7	0.90	-0.27	Cathemeral	Omnivorous	Viviparous	6.0	1.0	26.6	NA	29.0	10.4	SVL	leg-reduced lizards	Captivity	TAUM	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Chioninia coctei*	16.0	3.09	NA	Cathemeral	Herbivorous	Oviparous	2.0	NA	NA	72	16.7	10.9	SVL	Legged Scincidae	Nature	Andreone and Guarino	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Concinnia queenslandiae*	10.0	1.11	-0.24	Cathemeral	Carnivorous	Viviparous	3.2	1.0	32.7	NA	17.1	11.6	SVL	Legged Scincidae	Captivity	Brown 2012	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Corucia zebrata*	24.3	3.09	1.89	Nocturnal	Herbivorous	Viviparous	1.0	0.8	29.9	24	8.1	11.2	SVL	Legged Scincidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Ctenotus atlas*	4.0	0.93	-0.31	Diurnal	Carnivorous	Oviparous	1.5	NA	35.6	NA	30.1	10.9	SVL	Legged Scincidae	Nature	Smith et al. 2013	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Ctenotus labillardieri*	2.0	0.9	-0.4	Diurnal	Carnivorous	Oviparous	3.6	NA	0.0	NA	33.5	11.5	SVL	Legged Scincidae	Captivity	Carey and Judge 2000	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Ctenotus lancelini*	6.0	1.14	-0.32	Diurnal	Carnivorous	Oviparous	NA	1.0	NA	18.0	31.2	11.4	SVL	Legged Scincidae	Nature	Pearson and Jones 1999	Kay and Keogh 2012
Sauria	Scincimorpha	Scincidae	*Ctenotus leonhardii*	7.0	1.00	-0.40	Diurnal	Omnivorous	Oviparous	3.4	NA	38.0	NA	25.3	10.8	SVL	Legged Scincidae	Nature	Read 1998	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Ctenotus regius*	4.0	1.07	-0.40	Diurnal	Omnivorous	Oviparous	2.5	NA	36.4	NA	28.4	10.8	SVL	Legged Scincidae	Nature	Read 1998	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Ctenotus schomburgkii*	5.0	1.07	-0.82	Diurnal	Carnivorous	Oviparous	2.5	NA	33.4	NA	27.1	10.9	SVL	Legged Scincidae	Nature	Read 1998	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Ctenotus strauchii*	2.5	0.69	-0.67	Diurnal	Carnivorous	Oviparous	2.2	NA	NA	NA	26.3	10.9	SVL	Legged Scincidae	Nature	Read 1998	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Ctenotus taeniolatus*	5.0	1.17	-0.36	Diurnal	Carnivorous	Oviparous	3.8	1.0	30.2	24.0	26.4	11.5	SVL	Legged Scincidae	unclear	Heatwole and Taylor 19	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Cyclodomorphus casuarinae*	5.3	2.11	0.16	Cathemeral	Carnivorous	Viviparous	5.8	1.0	29.9	NA	41.9	11.4	SVL	Legged Scincidae	Captivity	Snider and Bowler 1992	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Cyclodomorphus michaeli*	11.0	2.11	0.14	Cathemeral	Carnivorous	Viviparous	7.7	1.0	NA	NA	32.3	11.6	SVL	Legged Scincidae	Captivity	Greer 2005	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Egernia cunninghami*	40.0	2.62	0.52	Diurnal	Herbivorous	Viviparous	4.4	1.0	31.6	60.0	33.6	11.7	SVL	Legged Scincidae	Captivity	Wilson 2012	Gardner et al. 2008
Sauria	Scincimorpha	Scincidae	*Egernia depressa*	3.9	1.55	0.52	Diurnal	Omnivorous	Viviparous	2.0	NA	34.0	NA	24.8	10.8	SVL	Legged Scincidae	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Egernia hosmeri*	26.5	2.16	0.82	Diurnal	Herbivorous	Viviparous	2.0	1.5	NA	48.0	19.2	11.2	SVL	Legged Scincidae	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Egernia kingii*	13.0	2.62	0.83	Diurnal	Herbivorous	Viviparous	5.0	1.0	NA	36.0	32.3	11.4	SVL	Legged Scincidae	Nature	Greer 2005	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Egernia saxatilis*	8.0	1.75	0.60	Diurnal	Omnivorous	Viviparous	2.0	NA	NA	18.0	34.6	11.7	SVL	Legged Scincidae	Captivity	Greer 2005	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Egernia stokesii*	25.0	2.35	0.94	Diurnal	Herbivorous	Viviparous	4.4	0.9	32.7	66.0	27.6	10.9	SVL	Legged Scincidae	Captivity	Hauschild and Gassner	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Egernia striolata*	15.0	1.58	0.37	Diurnal	Omnivorous	Viviparous	3.8	1.0	31.5	30.0	28.5	11.3	SVL	Legged Scincidae	Captivity	Brown 2012	Gardner et al. 2008
Sauria	Scincimorpha	Scincidae	*Emoia atrocostata*	3.5	1.33	-0.38	Diurnal	Carnivorous	Oviparous	2.0	2.0	NA	9.0	6.2	11.4	SVL	Legged Scincidae	Nature	Alcala and Brown 1967	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Eremiascincus pardalis*	4.0	0.93	NA	Nocturnal	Carnivorous	Oviparous	4.5	NA	NA	NA	14.4	11.6	SVL	Legged Scincidae	Captivity	Brown 2012	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Eremiascincus richardsonii*	10.0	1.67	-0.24	Nocturnal	Carnivorous	Oviparous	4.8	2.5	26.2	24.0	25.6	11.0	SVL	Legged Scincidae	Captivity	Brown 2012	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Eulamprus leuraensis*	6.0	1.11	-0.36	Diurnal	Carnivorous	Viviparous	2.7	1.0	NA	30.0	33.4	11.8	SVL	Legged Scincidae	Nature	Dubey et al. 2013	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Eulamprus tympanum*	15.0	1.33	-0.12	Diurnal	Carnivorous	Viviparous	3.3	0.8	28.8	36.0	36.8	11.7	SVL	Legged Scincidae	Nature	Dubey et al. 2013	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Eumeces algeriensis*	28.8	2.37	0.66	Diurnal	Carnivorous	Oviparous	11.0	NA	NA	NA	32.8	10.9	SVL	Legged Scincidae	Captivity	TAUM	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Eumeces schneideri*	22.0	2.20	0.53	Diurnal	Omnivorous	Oviparous	11.0	1.0	32.6	36.0	33.5	10.8	SVL	Legged Scincidae	Captivity	TAUM	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Eutropis longicaudata*	3.1	1.80	0.21	Diurnal	Carnivorous	Oviparous	6.7	1.5	NA	NA	23.6	11.5	SVL	Legged Scincidae	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Eutropis multifasciata*	5.0	1.80	-0.02	Diurnal	Carnivorous	Viviparous	4.9	2.5	32.3	11.5	16.3	11.5	SVL	Legged Scincidae	Nature	Alcala 1966	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Hemiergis decresiensis*	2.4	0.48	NA	Diurnal	Carnivorous	Viviparous	4.5	1.0	22.6	NA	33.1	11.4	SVL	leg-reduced lizards	Captivity	Carey and Judge 2000	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Hemisphaeriodon gerrardii*	12.9	2.65	0.29	Cathemeral	Carnivorous	Viviparous	21.7	1.0	NA	22.0	25.9	11.6	SVL	Legged Scincidae	Captivity	De Magalhaes and Cost	Gardner et al. 2008
Sauria	Scincimorpha	Scincidae	*Lamprolepis smaragdina*	5.0	1.54	-0.10	Diurnal	Omnivorous	Oviparous	2.1	1.0	30.3	11.0	4.5	11.4	SVL	Legged Scincidae	Nature	Alcala 1966	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Lampropholis delicata*	2	0.49	-1.11	Diurnal	Carnivorous	Oviparous	3.35	2	26.1	12.0	29.4	11.6	SVL	Legged Scincidae	Nature	Hutchinson et al. 2001	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Lampropholis guichenoti*	5.0	0.42	-1.00	Diurnal	Carnivorous	Oviparous	2.8	1.5	30.3	16.0	34.1	11.6	SVL	Legged Scincidae	unclear	Heatwole and Taylor 19	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Leiolopisma telfairii*	12.2	2.09	0.15	Cathemeral	Omnivorous	Oviparous	11.5	1.0	NA	NA	20.3	11.3	SVL	Legged Scincidae	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Lepidothyris fernandi*	5.0	2.16	-0.36	Cathemeral	Carnivorous	Oviparous	10.0	NA	NA	NA	5.1	11.8	SVL	Legged Scincidae	Captivity	Hauschild and Gassner	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Lerista bipes*	8.3	0.31	-0.71	Nocturnal	Carnivorous	Oviparous	2.15	NA	31.2	NA	22.3	10.9	SVL	leg-reduced lizards	Captivity	TAUM	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Liopholis inornata*	10.0	1.11	-0.20	Cathemeral	Omnivorous	Viviparous	2.5	2	30.1	24.0	27.7	10.9	SVL	Legged Scincidae	unclear	Mallee Catchment Man	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Liopholis modesta*	5.0	1.49	0.12	Diurnal	Omnivorous	Viviparous	2.7	1.0	27.7	24.0	29.1	11.6	SVL	Legged Scincidae	Nature	Greer 2005	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Liopholis multiscutata*	10.0	1.28	-0.18	Diurnal	Carnivorous	Viviparous	2.0	NA	33.5	42.0	32.7	11.2	SVL	Legged Scincidae	unclear	Mallee Catchment Man	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Liopholis whitii*	13.0	1.50	0.05	Diurnal	Carnivorous	Viviparous	2.9	1.0	33.0	36.0	33.7	11.5	SVL	Legged Scincidae	Captivity	Brown 2012	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Lioscincus nigrofasciolatum*	10.0	1.49	-0.36	Diurnal	Carnivorous	Oviparous	7.5	NA	NA	NA	21.1	11.4	SVL	Legged Scincidae	Captivity	Hauschild and Gassner	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Lissolepis coventryi*	9.0	1.90	-0.08	Cathemeral	Omnivorous	Viviparous	2.8	0.8	NA	30.0	37.4	11.6	SVL	Legged Scincidae	unclear	Chapple 2003	Gardner et al. 2008
Sauria	Scincimorpha	Scincidae	*Lissolepis luctuosa*	18.2	1.70	0.59	Cathemeral	Carnivorous	Viviparous	NA	NA	NA	NA	33.7	11.6	SVL	Legged Scincidae	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Mochlus sundevalli*	2.5	1.80	-0.67	Diurnal	Carnivorous	Oviparous	4.2	NA	32.7	NA	11.6	11.5	SVL	Legged Scincidae	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Niveoscincus ocellatus*	12.0	1.11	-0.39	Diurnal	Carnivorous	Viviparous	3.2	1.0	NA	36.0	41.9	11.6	SVL	Legged Scincidae	Nature	Wapstra et al. 2001	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Oligosoma aeneum*	8.0	0.76	NA	Diurnal	Carnivorous	Viviparous	2.2	1.0	NA	NA	37.9	11.4	SVL	Legged Scincidae	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Oligosoma alani*	20.0	1.82	NA	Nocturnal	Omnivorous	Viviparous	3.0	1.0	NA	60.0	35.6	10.7	SVL	Legged Scincidae	Nature	Towns 1994	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Oligosoma chloronoton*	8.0	1.65	NA	Diurnal	Omnivorous	Viviparous	2.5	NA	NA	36.0	46.0	11.3	SVL	Legged Scincidae	Nature	Mules 2012	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Oligosoma grande*	30.0	1.57	0.12	Diurnal	Omnivorous	Viviparous	2.1	0.9	23.6	48.0	45.3	11.5	SVL	Legged Scincidae	Captivity	NZ Lizard database, htt	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Oligosoma homalonotum*	20.0	1.86	NA	Diurnal	Carnivorous	Viviparous	8.0	1.0	NA	48.0	36.2	10.7	SVL	Legged Scincidae	Captivity	NZ Lizard database, htt	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Oligosoma inconspicuum*	10.0	0.93	-0.67	Diurnal	Omnivorous	Viviparous	3.0	1.0	NA	NA	45.3	11.5	SVL	Legged Scincidae	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Oligosoma lichenigera*	7.0	1.02	-0.36	Cathemeral	Carnivorous	Oviparous	2.5	NA	25.9	42.0	31.6	10.7	SVL	Legged Scincidae	Captivity	Greer 1989	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Oligosoma lineoocellatum*	8.0	1.48	0.25	Diurnal	Carnivorous	Viviparous	4.0	NA	NA	36.0	42.2	11.2	SVL	Legged Scincidae	Nature	Hoare et al. 2005	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Oligosoma macgregori*	20.0	1.52	0.39	Nocturnal	Carnivorous	Viviparous	2.0	NA	NA	NA	37.0	11.3	SVL	Legged Scincidae	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Oligosoma moco*	3.0	0.91	NA	Diurnal	Carnivorous	Viviparous	NA	NA	NA	NA	36.4	10.9	SVL	Legged Scincidae	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Oligosoma ornatum*	13.0	1.07	NA	Cathemeral	Carnivorous	Viviparous	5.0	1.0	NA	19.5	36.9	11.3	SVL	Legged Scincidae	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Oligosoma otagense*	44.0	1.73	0.15	Diurnal	Omnivorous	Viviparous	2.2	0.9	25.9	60.0	45.3	11.5	SVL	Legged Scincidae	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Oligosoma polychroma*	6.0	1.00	-0.31	Diurnal	Omnivorous	Viviparous	4.8	1.0	NA	NA	42.7	11.5	SVL	Legged Scincidae	Captivity	Slavens and Slavens 19	Liggins et al. 2008
Sauria	Scincimorpha	Scincidae	*Oligosoma suteri*	12.0	1.66	-0.10	Nocturnal	Carnivorous	Oviparous	3.7	1.0	15.0	36.0	35.6	10.9	SVL	Legged Scincidae	Nature	Towns and Ferreira 200	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Oligosoma whitakeri*	20.0	1.35	0.30	Nocturnal	Herbivorous	Viviparous	2.0	0.5	NA	48.0	38.9	11.8	SVL	Legged Scincidae	Nature	Towns 1994	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Ophiomorus latastii*	3.5	0.44	NA	Cathemeral	Carnivorous	Viviparous	NA	NA	20.9	NA	32.3	10.9	SVL	Limbless lizards	Captivity	TAUM	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Ophiomorus tridactylus*	5.8	0.79	NA	Cathemeral	Carnivorous	Viviparous	4.0	NA	NA	NA	28.5	10.5	SVL	leg-reduced lizards	Captivity	Snider and Bowler 1992	Greer and Wilson 2001
Sauria	Scincimorpha	Scincidae	*Panaspis nimbaensis*	2.0	0.79	-1.07	Diurnal	Carnivorous	Oviparous	2.5	5.0	NA	6.0	8.2	11.8	SVL	Legged Scincidae	Captivity	Barbault 1974	Genus placement in Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Papuascincus stanleyanus*	6.0	0.62	-0.67	Diurnal	Carnivorous	Oviparous	2.0	5.0	29.0	11.0	5.8	11.7	SVL	Legged Scincidae	Nature	Allison 1982	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Plestiodon chinensis*	6.9	1.74	-0.45	Diurnal	Carnivorous	Oviparous	10.0	NA	NA	NA	27.5	11.5	SVL	Legged Scincidae	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Plestiodon fasciatus*	4.9	1.12	-0.64	Diurnal	Carnivorous	Oviparous	7.7	1.0	32.3	21.0	36.6	11.6	SVL	Legged Scincidae	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Plestiodon inexpectatus*	2.3	1.17	-0.79	Diurnal	Carnivorous	Oviparous	7.5	1.0	33.2	21.0	33.1	11.6	SVL	Legged Scincidae	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Plestiodon laticeps*	7.7	1.83	-0.39	Diurnal	Carnivorous	Oviparous	13.7	1.0	31.5	21.0	34.7	11.6	SVL	Legged Scincidae	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Plestiodon obsoletus*	7.3	1.83	-0.04	Diurnal	Carnivorous	Oviparous	12.7	0.8	33.0	34.0	33.0	11.2	SVL	Legged Scincidae	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Plestiodon reynoldsi*	10.0	0.73	-0.56	Diurnal	Carnivorous	Oviparous	2.0	0.8	NA	17.5	28.4	11.7	SVL	Legged Scincidae	Nature	Meneken et al. 2005	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Plestiodon septentrionalis*	7	1.19	-0.68	Diurnal	Carnivorous	Oviparous	10.7	1	29.2	36.0	39.2	11.5	SVL	Legged Scincidae	Nature	http://www.naturenorth	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Plestiodon skiltonianus*	8.0	1.12	-0.56	Diurnal	Carnivorous	Oviparous	4.9	1.0	27.6	30.0	42.0	11.2	SVL	Legged Scincidae	Nature	Stebbins and McGinnis	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Plestiodon tetragrammus*	3.8	0.95	-0.73	Diurnal	Carnivorous	Oviparous	8.5	0.8	28.0	NA	28.7	11.3	SVL	Legged Scincidae	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Pseudemoia entrecasteauxii*	5	0.73	-0.70	Diurnal	Carnivorous	Oviparous	4.05	1	31.9	42.0	36.8	11.6	SVL	Legged Scincidae	unclear	Wikipedia	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Scelotes limpopoensis*	2.3	0.56	NA	Diurnal	Carnivorous	Viviparous	2.0	NA	NA	NA	22.3	11.4	SVL	leg-reduced lizards	Captivity	Slavens and Slavens 19	Genus in Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Scincella lateralis*	4.0	0.59	-1.00	Diurnal	Carnivorous	Oviparous	3.1	3.5	28.9	10.5	33.9	11.6	SVL	Legged Scincidae	Nature	Beane et al. 2010	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Scincopus fasciatus*	5.3	2.39	NA	Nocturnal	Carnivorous	Oviparous	NA	NA	NA	NA	21.7	10.5	SVL	Legged Scincidae	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Scincus scincus*	10.0	1.87	-0.04	Cathemeral	Omnivorous	Oviparous	4.0	1.0	NA	NA	24.3	10.4	SVL	Legged Scincidae	Captivity	Schleich et al. 1996	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Sphenomorphus indicus*	6.0	1.40	-0.53	Diurnal	Carnivorous	Viviparous	7.3	1.0	NA	NA	28.4	11.4	SVL	Legged Scincidae	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Tiliqua gigas*	17.3	3.06	1.40	Diurnal	Omnivorous	Viviparous	8.5	NA	NA	21.0	5.6	11.7	SVL	Legged Scincidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Tiliqua nigrolutea*	18.0	3.16	1.40	Diurnal	Omnivorous	Viviparous	7.0	0.4	34.8	21.0	37.2	11.6	SVL	Legged Scincidae	Captivity	Hauschild and Gassner	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Tiliqua occipitalis*	7.4	2.96	1.37	Diurnal	Omnivorous	Viviparous	5.0	0.8	33.2	NA	30.3	11.0	SVL	Legged Scincidae	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Tiliqua rugosa*	20.8	3.09	1.79	Diurnal	Herbivorous	Viviparous	2.1	1.0	33.6	33.0	30.6	11.2	SVL	Legged Scincidae	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Tiliqua scincoides*	26.6	3.21	1.17	Diurnal	Omnivorous	Viviparous	11.0	0.8	33.2	36.0	24.5	11.4	SVL	Legged Scincidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Trachylepis binotata*	8.1	1.68	NA	Diurnal	Carnivorous	Viviparous	NA	NA	NA	NA	18.0	11.2	SVL	Legged Scincidae	Captivity	Slavens and Slavens 19	Sindaco et al. 2012
Sauria	Scincimorpha	Scincidae	*Trachylepis brevicollis*	2.4	2.16	-0.10	Cathemeral	Carnivorous	Viviparous	2.5	NA	34.1	NA	7.1	11.2	SVL	Legged Scincidae	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Trachylepis buettneri*	1.5	1.19	-0.79	Diurnal	Carnivorous	Oviparous	8.7	1.5	NA	6.3	9.2	11.4	SVL	Legged Scincidae	Captivity	Barbault 1976	polytomy at base of genus
Sauria	Scincimorpha	Scincidae	*Trachylepis capensis*	3.5	1.75	NA	Diurnal	Carnivorous	Viviparous	11.6	1.0	32.5	NA	28.5	11.4	SVL	Legged Scincidae	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Trachylepis hoeschi*	5.3	1.33	NA	Diurnal	Carnivorous	Viviparous	NA	NA	NA	NA	20.0	10.9	SVL	Legged Scincidae	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Trachylepis maculilabris*	2.5	1.30	-0.67	Diurnal	Carnivorous	Oviparous	7.0	5.0	36.5	5.8	5.0	11.7	SVL	Legged Scincidae	Captivity	Barbault 1976	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Trachylepis occidentalis*	6.9	1.53	NA	Diurnal	Carnivorous	Oviparous	6.7	NA	36.1	NA	29.8	10.9	SVL	Legged Scincidae	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Trachylepis quinquetaeniata*	4.8	1.91	-0.27	Diurnal	Omnivorous	Oviparous	4.8	2.0	35.3	15.0	13.2	11.1	SVL	Legged Scincidae	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Trachylepis sechellensis*	3.2	1.43	-0.16	Diurnal	Omnivorous	Oviparous	4.0	NA	34.7	NA	4.7	10.9	SVL	Legged Scincidae	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Trachylepis sparsa*	3.7	1.44	-0.45	Diurnal	Carnivorous	Viviparous	5.2	1.0	34.3	NA	27.5	10.9	SVL	Legged Scincidae	Captivity	Slavens and Slavens 19	polytomy at base of genus
Sauria	Scincimorpha	Scincidae	*Trachylepis spilogaster*	2.2	1.23	-0.58	Diurnal	Carnivorous	Viviparous	5.0	0.8	34.2	NA	27.5	11.0	SVL	Legged Scincidae	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Trachylepis sulcata*	2.8	1.11	NA	Diurnal	Carnivorous	Viviparous	3.8	2.0	NA	NA	31.0	11.0	SVL	Legged Scincidae	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Trachylepis varia*	1.9	1.55	-0.82	Diurnal	Carnivorous	Viviparous	7.6	1.0	28.1	8.0	9.9	11.6	SVL	Legged Scincidae	Nature	Jacobsen 1982	Pyron and Burbrink 2014
Sauria	Scincimorpha	Scincidae	*Tropidophorus laotus*	6.0	1.19	-0.40	Cathemeral	Carnivorous	Viviparous	4.6	NA	NA	NA	18.4	11.8	SVL	Legged Scincidae	Captivity	Harbig 2000	Genus in Pyron and Burbrink 2014
Sauria	Scincimorpha	Xantusiidae	*Lepidophyma flavimaculatum*	11.0	1.86	-0.21	Cathemeral	Carnivorous	Viviparous	5.0	0.8	NA	NA	14.5	11.7	SVL	Xantusiidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014

Sauria	Scincimorpha	Xantusiidae	*Lepidophyma smithii*	5.0	1.45	-0.39	Cathemeral	Herbivorous	Viviparous	8.0	NA	26.0	NA	15.5	11.7	SVL	Xantusiidae	Captivity	Mautz and Lopez-Form	Pyron and Burbrink 2014
Sauria	Scincimorpha	Xantusiidae	*Lepidophyma tuxtlae*	4.4	1.26	NA	Nocturnal	Omnivorous	Viviparous	4.9	1.0	NA	NA	17.5	11.7	SVL	Xantusiidae	Captivity	Slavens and Slavens 19	Pyron and Burbrink 2014
Sauria	Scincimorpha	Xantusiidae	*Xantusia henshawi*	14.3	0.85	-0.32	Cathemeral	Carnivorous	Viviparous	1.6	0.8	23.0	42	32.6	11.0	SVL	Xantusiidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Sauria	Scincimorpha	Xantusiidae	*Xantusia riversiana*	32.9	1.51	-0.29	Diurnal	Omnivorous	Viviparous	4.4	0.8	23.5	42.0	33.0	10.7	SVL	Xantusiidae	Nature	Fellers et al. 1998	Pyron and Burbrink 2014
Sauria	Scincimorpha	Xantusiidae	*Xantusia vigilis*	10.9	0.83	-0.70	Cathemeral	Carnivorous	Viviparous	1.8	1.0	29.1	34.5	33.9	10.9	SVL	Xantusiidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Acrochordidae	*Acrochordus arafurae*	8.8	3.36	1.35	Nocturnal	Carnivorous	Viviparous	17.0	NA	NA	NA	14.1	11.5	TL	general snake equation (Feldman & Meiri 201	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Acrochordidae	*Acrochordus javanicus*	5.8	3.53	1.22	Nocturnal	Carnivorous	Viviparous	27.0	NA	NA	NA	4.1	11.7	TL	general snake equation (Feldman & Meiri 201	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Boidae	*Acrantophis dumerili*	26.0	3.47	1.92	Nocturnal	Carnivorous	Viviparous	8.5	NA	NA	NA	22.2	11.6	SVL	Boidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Boidae	*Acrantophis madagascariensis*	28.4	4.12	2.33	Nocturnal	Carnivorous	Viviparous	4.0	NA	NA	NA	16.0	11.7	TL	Boidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Boidae	*Boa constrictor*	40.4	4.55	2.16	Nocturnal	Carnivorous	Viviparous	23.0	1.0	30.0	48	6.8	11.8	TL	Boidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Boidae	*Candoia aspera*	9.9	2.68	NA	Nocturnal	Carnivorous	Viviparous	17.0	NA	NA	NA	4.7	11.6	TL	Boidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Boidae	*Candoia bibroni*	16.9	3.28	1.38	Nocturnal	Carnivorous	Viviparous	6.0	NA	NA	NA	10.7	11.1	SVL	Boidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Boidae	*Candoia carinata*	16.6	2.27	2.22	Nocturnal	Carnivorous	Viviparous	7.0	NA	NA	NA	4.5	11.6	TL	Boidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Boidae	*Charina bottae*	26.5	2.47	0.81	Nocturnal	Carnivorous	Viviparous	5.5	0.4	14.8	48	44.1	11.3	TL	Boidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Boidae	*Chilabothrus angulifer*	22.6	4.50	1.16	Nocturnal	Carnivorous	Viviparous	4.0	NA	NA	NA	22.0	11.6	SVL	Boidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Boidae	*Chilabothrus chrysogaster*	14.2	3.15	NA	Nocturnal	Carnivorous	Viviparous	NA	NA	NA	NA	21.8	10.9	SVL	Boidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Boidae	*Chilabothrus exsul*	21.7	2.57	NA	Nocturnal	Carnivorous	Viviparous	NA	NA	NA	NA	26.6	10.8	SVL	Boidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Boidae	*Chilabothrus fordi*	24.4	2.65	NA	Nocturnal	Carnivorous	Viviparous	5.5	NA	NA	NA	18.8	11.5	SVL	Boidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Boidae	*Chilabothrus inornatus*	23.9	3.91	1.57	Nocturnal	Carnivorous	Viviparous	14.0	NA	NA	NA	18.3	11.5	TL	Boidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Boidae	*Chilabothrus monensis*	9.1	3.08	0.93	Nocturnal	Carnivorous	Viviparous	6.0	NA	NA	NA	18.2	10.9	SVL	Boidae	Captivity	Henderson and Powell 2	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Boidae	*Chilabothrus striatus*	22.1	3.67	NA	Nocturnal	Carnivorous	Viviparous	18.0	NA	NA	NA	23.7	11.4	TL	Boidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Boidae	*Chilabothrus subflavus*	24.3	3.72	1.82	Nocturnal	Carnivorous	Viviparous	24.5	NA	NA	NA	18.0	10.8	TL	Boidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Boidae	*Corallus annulatus*	15.3	3.36	1.68	Nocturnal	Carnivorous	Viviparous	10.5	NA	NA	NA	10.2	11.7	TL	Boidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Boidae	*Corallus caninus*	18.6	3.51	1.65	Nocturnal	Carnivorous	Viviparous	10.5	0.9	NA	NA	1.8	12.0	TL	Boidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Boidae	*Corallus hortulanus*	15.0	3.59	1.72	Nocturnal	Carnivorous	Viviparous	11.1	1.0	NA	NA	6.6	11.9	SVL	Boidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Boidae	*Epicrates cenchria*	31.0	3.66	1.63	Nocturnal	Carnivorous	Viviparous	21.5	NA	NA	NA	4.0	11.9	TL	Boidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Boidae	*Epicrates crassus*	16.9	3.21	NA	Nocturnal	Carnivorous	Oviparous	19.0	NA	NA	NA	15.4	11.9	SVL	Boidae	Captivity	Carey and Judge 2000	Rivera et al. 2011
Serpentes	Alethinophidia	Boidae	*Epicrates maurus*	27.3	3.34	1.55	Nocturnal	Carnivorous	Viviparous	12.5	NA	NA	NA	4.8	11.8	TL	Boidae	Captivity	Carey and Judge 2000	Rivera et al. 2011
Serpentes	Alethinophidia	Boidae	*Eryx colubrinus*	20.7	2.55	0.48	Nocturnal	Carnivorous	Viviparous	12.0	NA	NA	NA	9.6	11.1	TL	Boidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Boidae	*Eryx conicus*	28.2	2.68	0.76	Nocturnal	Carnivorous	Viviparous	10.5	NA	NA	NA	22.7	11.2	TL	Boidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Boidae	*Eryx jaculus*	24.7	2.41	0.21	Nocturnal	Carnivorous	Viviparous	6.0	NA	20.7	NA	34.5	10.7	TL	Boidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Boidae	*Eryx johnii*	24.4	2.68	1.32	Nocturnal	Carnivorous	Viviparous	7.0	NA	NA	NA	26.1	11.0	TL	Boidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Boidae	*Eryx tataricus*	24.0	2.27	NA	NA	Carnivorous	Viviparous	11.5	NA	NA	NA	39.2	10.4	TL	Boidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Boidae	*Eunectes deschauenseei*	23.2	3.82	1.78	Nocturnal	Carnivorous	Viviparous	10.6	NA	NA	NA	0.5	11.9	TL	Boidae	Captivity	De Magalhaes and Cost	polytomy within genus
Serpentes	Alethinophidia	Boidae	*Eunectes murinus*	31.8	5.54	2.25	Nocturnal	Carnivorous	Viviparous	30.0	1.0	NA	NA	6.9	11.9	TL	Boidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Boidae	*Eunectes notaeus*	23.6	4.40	1.73	Nocturnal	Carnivorous	Viviparous	25.0	1.0	NA	NA	24.2	11.8	TL	Boidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Boidae	*Lichanura trivirgata*	31.0	2.82	1.45	Nocturnal	Carnivorous	Viviparous	7.5	NA	30.4	NA	31.3	10.9	TL	Boidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Boidae	*Sanzinia madagascariensis*	21.8	3.61	1.49	Nocturnal	Carnivorous	Viviparous	1.0	NA	NA	NA	19.6	11.7	SVL	Boidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Boidae	*Ungaliophis continentalis*	17.7	2.34	NA	Nocturnal	Carnivorous	Viviparous	5.5	NA	NA	NA	14.2	11.7	TL	Boidae	Captivity	Carey and Judge 2000	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Colubridae	*Arizona elegans*	19.1	2.70	0.53	Cathemeral	Carnivorous	Oviparous	13.0	0.8	27.0	42	31.6	11.0	TL	Colubridae sensu stricto (Feldman, unpublish	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Colubridae	*Bogertophis subocularis*	23.8	2.64	1.21	Nocturnal	Carnivorous	Oviparous	8.5	1.0	NA	NA	28.9	11.0	TL	Colubridae sensu stricto (Feldman, unpublish	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Colubridae	*Boiga cynodon*	9.6	3.19	1.09	Nocturnal	Carnivorous	Oviparous	9.5	2.5	NA	NA	2.0	11.7	TL	Colubridae sensu stricto (Feldman, unpublish	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Colubridae	*Boiga dendrophila*	17.0	3.08	0.46	Nocturnal	Carnivorous	Oviparous	9.5	NA	NA	NA	2.4	11.7	TL	Colubridae sensu stricto (Feldman, unpublish	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Colubridae	*Boiga irregularis*	19.0	2.94	0.97	Nocturnal	Carnivorous	Oviparous	5.5	NA	NA	NA	13.8	11.5	TL	Colubridae sensu stricto (Feldman, unpublish	Captivity	McFadden and Boylan 2	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Colubridae	*Boiga trigonata*	8.2	2.32	0.54	Nocturnal	Carnivorous	Oviparous	6.5	NA	NA	NA	27.1	11.0	TL	Colubridae sensu stricto (Feldman, unpublish	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Colubridae	*Cemophora coccinea*	10.4	1.86	0.57	Nocturnal	Carnivorous	Oviparous	5.5	NA	NA	NA	33.5	11.5	TL	Colubridae sensu stricto (Feldman, unpublish	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Colubridae	*Chilomeniscus stramineus*	4.0	0.68	-0.78	Nocturnal	Carnivorous	Oviparous	3.0	NA	NA	NA	29.4	10.8	TL	Colubridae sensu stricto (Feldman, unpublish	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Colubridae	*Chironius carinatus*	5.4	2.86	NA	Diurnal	Carnivorous	Oviparous	6.5	NA	NA	NA	4.7	11.9	TL	Colubridae sensu stricto (Feldman, unpublish	Captivity	Carey and Judge 2000	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Colubridae	*Chrysopelea ornata*	4.3	2.69	0.22	Diurnal	Carnivorous	Oviparous	9.0	NA	NA	NA	21.1	11.5	TL	Colubridae sensu stricto (Feldman, unpublish	Captivity	Carey and Judge 2000	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Colubridae	*Coelognathus helena*	15.0	2.64	0.65	Cathemeral	Carnivorous	Oviparous	9.0	NA	NA	NA	22.4	11.3	TL	Colubridae sensu stricto (Feldman, unpublish	unclear	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Colubridae	*Coluber constrictor*	10.0	2.78	0.75	Diurnal	Carnivorous	Oviparous	13.6	1.0	29.6	30.0	38.4	11.4	TL	Colubridae sensu stricto (Feldman, unpublish	unclear	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Colubridae	*Coluber flagellum*	20.2	3.12	0.57	Diurnal	Carnivorous	Oviparous	10.7	NA	31.6	NA	32.0	11.2	TL	Colubridae sensu stricto (Feldman, unpublish	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Colubridae	*Coronella austriaca*	12.0	1.82	0.46	Cathemeral	Carnivorous	Viviparous	9.0	0.4	31.0	48	48.6	11.3	TL	Colubridae sensu stricto (Feldman, unpublish	Captivity	Carey and Judge 2000	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Colubridae	*Coronella girondica*	16.0	1.82	-0.06	Nocturnal	Carnivorous	Oviparous	11.0	1.0	NA	NA	39.1	11.3	TL	Colubridae sensu stricto (Feldman, unpublish	Nature	Filippi and Luiselli 200	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Colubridae	*Dasypeltis atra*	5.2	2.17	0.47	Nocturnal	Carnivorous	Oviparous	10.5	NA	NA	NA	0.8	11.8	TL	Colubridae sensu stricto (Feldman, unpublish	Captivity	Carey and Judge 2000	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Colubridae	*Dasypeltis medici*	8.6	2.07	0.54	Nocturnal	Carnivorous	Oviparous	17.0	NA	NA	NA	10.9	11.7	TL	Colubridae sensu stricto (Feldman, unpublish	Captivity	De Magalhaes and Cost	polytomy within genus
Serpentes	Alethinophidia	Colubridae	*Dasypeltis scabra*	22.1	2.23	0.45	Nocturnal	Carnivorous	Oviparous	15.5	1.5	NA	NA	8.2	11.4	TL	Colubridae sensu stricto (Feldman, unpublish	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Colubridae	*Dendrelaphis punctulatus*	18.0	2.83	0.75	Diurnal	Carnivorous	Oviparous	8.2	NA	NA	NA	19.9	11.4	TL	Colubridae sensu stricto (Feldman, unpublish	Captivity	Eipper 2012	close to Chrysopelea (Pyron and Burbrink 2014)
Serpentes	Alethinophidia	Colubridae	*Dispholidus typus*	8.7	2.75	0.86	Diurnal	Carnivorous	Oviparous	16.5	NA	NA	NA	4.2	11.6	TL	Colubridae sensu stricto (Feldman, unpublish	Captivity	Carey and Judge 2000	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Colubridae	*Dolichophis jugularis*	10.3	3.08	NA	Diurnal	Carnivorous	Oviparous	10.0	NA	NA	NA	35.4	10.8	TL	Colubridae sensu stricto (Feldman, unpublish	Captivity	Carey and Judge 2000	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Colubridae	*Drymarchon corais*	25.9	3.14	1.64	Diurnal	Carnivorous	Oviparous	9.0	NA	NA	NA	3.7	11.8	TL	Colubridae sensu stricto (Feldman, unpublish	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Colubridae	*Drymarchon couperi*	25.5	3.13	1.35	Diurnal	Carnivorous	Oviparous	9.0	NA	NA	NA	29.7	11.4	TL	Colubridae sensu stricto (Feldman, unpublish	Captivity	Carey and Judge 2000	polytomy with D. corais - was subspecies
Serpentes	Alethinophidia	Colubridae	*Drymarchon melanurus*	9.0	3.26	NA	Diurnal	Carnivorous	Oviparous	8.5	NA	NA	NA	20.7	11.5	TL	Colubridae sensu stricto (Feldman, unpublish	Captivity	Carey and Judge 2000	close to Chironius (Pyron and Burbrink 2014)
Serpentes	Alethinophidia	Colubridae	*Drymobius margaritiferus*	4.3	2.39	0.69	Diurnal	Carnivorous	Oviparous	5.0	NA	NA	NA	16.5	11.5	TL	Colubridae sensu stricto (Feldman, unpublish	Captivity	Carey and Judge 2000	Hollis 2006
Serpentes	Alethinophidia	Colubridae	*Eirenis coronelloides*	7.0	0.86	NA	Diurnal	Carnivorous	Oviparous	NA	NA	25.2	NA	35.1	10.8	TL	Colubridae sensu stricto (Feldman, unpublish	Captivity	TAUM	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Colubridae	*Eirenis decemlineatus*	20.0	1.83	NA	Diurnal	Carnivorous	Oviparous	NA	NA	24.9	NA	35.2	11.0	TL	Colubridae sensu stricto (Feldman, unpublish	Captivity	Amitai and Bouskila 20	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Colubridae	*Eirenis rothii*	9.9	0.91	NA	Nocturnal	Carnivorous	Oviparous	2.0	NA	28.2	NA	34.1	10.9	TL	Colubridae sensu stricto (Feldman, unpublish	Captivity	TAUM	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Colubridae	*Elaphe climacophora*	13.1	2.83	1.31	Cathemeral	Carnivorous	Oviparous	8.1	1.0	NA	44.0	37.7	11.3	TL	Colubridae sensu stricto (Feldman, unpublish	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Colubridae	*Elaphe quadrivirgata*	16.8	2.52	NA	Diurnal	Carnivorous	Oviparous	7.8	NA	NA	24.0	37.7	11.3	TL	Colubridae sensu stricto (Feldman, unpublish	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Colubridae	*Elaphe sauromates*	13.8	2.83	0.40	Diurnal	Carnivorous	Oviparous	11.0	NA	NA	NA	43.1	10.9	TL	Colubridae sensu stricto (Feldman, unpublish	Captivity	TAUM	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Colubridae	*Elaphe schrenckii*	13.7	2.65	0.89	Diurnal	Carnivorous	Oviparous	11.0	NA	NA	NA	48.0	11.3	TL	Colubridae sensu stricto (Feldman, unpublish	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Colubridae	*Gonyosoma oxycephalum*	15.1	3.03	1.25	Diurnal	Carnivorous	Oviparous	9.0	NA	NA	NA	6.8	11.7	TL	Colubridae sensu stricto (Feldman, unpublish	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Colubridae	*Hemorrhois hippocrepis*	6.3	2.83	-0.02	Diurnal	Carnivorous	Oviparous	8.0	NA	NA	NA	36.0	11.1	TL	Colubridae sensu stricto (Feldman, unpublish	Captivity	Carey and Judge 2000	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Colubridae	*Hemorrhois nummifer*	13.8	2.34	NA	Diurnal	Carnivorous	Oviparous	NA	NA	NA	NA	33.1	10.5	TL	Colubridae sensu stricto (Feldman, unpublish	Captivity	Carey and Judge 2000	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Colubridae	*Hemorrhois ravergieri*	13.8	2.43	NA	Diurnal	Carnivorous	Oviparous	11.5	NA	NA	NA	39.1	10.7	TL	Colubridae sensu stricto (Feldman, unpublish	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Colubridae	*Lampropeltis alterna*	19.7	2.49	0.94	Nocturnal	Carnivorous	Oviparous	7.5	NA	NA	NA	28.5	11.0	TL	Colubridae sensu stricto (Feldman, unpublish	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Colubridae	*Lampropeltis californiae*	14.7	2.83	NA	Cathemeral	Carnivorous	Oviparous	10.5	NA	NA	NA	34.6	11.1	TL	Colubridae sensu stricto (Feldman, unpublish	Captivity	Carey and Judge 2000	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Colubridae	*Lampropeltis calligaster*	23.8	2.46	0.81	Cathemeral	Carnivorous	Oviparous	10.0	NA	31.7	NA	35.3	11.5	TL	Colubridae sensu stricto (Feldman, unpublish	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Colubridae	*Lampropeltis getula*	33.3	2.88	0.76	Cathemeral	Carnivorous	Oviparous	10.5	NA	28.1	NA	33.4	11.5	TL	Colubridae sensu stricto (Feldman, unpublish	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Colubridae	*Lampropeltis holbrooki*	38.5	2.73	NA	Cathemeral	Carnivorous	Oviparous	10.5	NA	NA	NA	34.0	11.4	TL	Colubridae sensu stricto (Feldman, unpublish	Captivity	Cohen 2014a	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Colubridae	*Lampropeltis knoblochi*	32.0	1.70	NA	Diurnal	Carnivorous	Oviparous	NA	NA	NA	NA	27.7	11.4	TL	Colubridae sensu stricto (Feldman, unpublish	Captivity	Cohen 2014b	sister to Lampropeltis pyromelana
Serpentes	Alethinophidia	Colubridae	*Lampropeltis nigra*	13.4	2.50	NA	Cathemeral	Carnivorous	Oviparous	10.5	NA	NA	NA	35.0	11.6	TL	Colubridae sensu stricto (Feldman, unpublish	Captivity	Carey and Judge 2000	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Colubridae	*Lampropeltis pyromelana*	22.4	2.16	0.95	Diurnal	Carnivorous	Oviparous	4.5	NA	NA	NA	32.6	11.2	TL	Colubridae sensu stricto (Feldman, unpublish	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Colubridae	*Lampropeltis splendida*	12.8	2.53	NA	Cathemeral	Carnivorous	Oviparous	10.5	NA	NA	NA	27.8	11.1	TL	Colubridae sensu stricto (Feldman, unpublish	Captivity	Carey and Judge 2000	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Colubridae	*Lampropeltis triangulum*	22.6	2.78	0.85	Nocturnal	Carnivorous	Oviparous	7.6	1.0	21.5	36.0	35.1	11.5	TL	Colubridae sensu stricto (Feldman, unpublish	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Colubridae	*Lampropeltis zonata*	28.8	2.30	0.82	Cathemeral	Carnivorous	Oviparous	7.0	NA	27.5	NA	38.6	11.5	TL	Colubridae sensu stricto (Feldman, unpublish	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Colubridae	*Leptophis mexicanus*	7.7	2.33	NA	Diurnal	Carnivorous	Oviparous	4.0	NA	NA	18	16.5	11.7	TL	Colubridae sensu stricto (Feldman, unpublish	Captivity	De Magalhaes and Cost	close to Drymobius (Pyron and Burbrink 2014)
Serpentes	Alethinophidia	Colubridae	*Lycodon rufozonatus*	13.7	2.40	0.48	Nocturnal	Carnivorous	Oviparous	10.0	NA	NA	NA	34.7	11.4	TL	Colubridae sensu stricto (Feldman, unpublish	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Colubridae	*Macroprotodon cucullatus*	16.0	1.41	NA	Nocturnal	Carnivorous	Oviparous	NA	0.8	NA	NA	32.6	10.7	TL	Colubridae sensu stricto (Feldman, unpublish	unclear	Filippi and Luiselli 200	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Colubridae	*Opheodrys aestivus*	7.2	2.23	0.19	Diurnal	Carnivorous	Oviparous	5.9	1.5	26.8	24.0	33.7	11.5	TL	Colubridae sensu stricto (Feldman, unpublish	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Colubridae	*Opheodrys vernalis*	6.1	1.84	-0.16	Diurnal	Carnivorous	Oviparous	6.9	NA	25.6	NA	43.6	11.4	TL	Colubridae sensu stricto (Feldman, unpublish	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Colubridae	*Orthriophis moellendorffi*	21.1	3.08	NA	Diurnal	Carnivorous	Oviparous	9.0	NA	NA	NA	23.0	11.6	TL	Colubridae sensu stricto (Feldman, unpublish	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Colubridae	*Orthriophis taeniurus*	11.6	3.16	0.99	Cathemeral	Carnivorous	Oviparous	10.5	NA	NA	NA	22.8	11.5	TL	Colubridae sensu stricto (Feldman, unpublish	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Colubridae	*Oxybelis aeneus*	15.2	2.53	0.98	Diurnal	Carnivorous	Oviparous	4.0	NA	NA	24	2.1	11.8	TL	Colubridae sensu stricto (Feldman, unpublish	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Colubridae	*Pantherophis bairdi*	16.3	2.57	1.15	Nocturnal	Carnivorous	Oviparous	9.5	NA	NA	NA	29.2	11.2	TL	Colubridae sensu stricto (Feldman, unpublish	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Colubridae	*Pantherophis emoryi*	21.1	2.54	1.16	Nocturnal	Carnivorous	Oviparous	15.0	NA	NA	NA	32.5	11.2	TL	Colubridae sensu stricto (Feldman, unpublish	Captivity	Carey and Judge 2000	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Colubridae	*Pantherophis guttatus*	32.3	2.74	0.86	Nocturnal	Carnivorous	Oviparous	21.5	NA	NA	NA	33.0	11.6	TL	Colubridae sensu stricto (Feldman, unpublish	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Colubridae	*Pantherophis obsoletus*	33.9	3.11	1.05	Diurnal	Carnivorous	Oviparous	14.5	0.3	28.0	48.0	36.4	11.5	TL	Colubridae sensu stricto (Feldman, unpublish	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Colubridae	*Pantherophis spiloides*	13.9	2.91	NA	Diurnal	Carnivorous	Oviparous	NA	NA	NA	NA	33.2	11.6	TL	Colubridae sensu stricto (Feldman, unpublish	Captivity	Carey and Judge 2000	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Colubridae	*Pantherophis vulpinus*	17.0	2.71	1.07	Diurnal	Carnivorous	Oviparous	14.4	NA	NA	NA	43.0	11.4	TL	Colubridae sensu stricto (Feldman, unpublish	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Colubridae	*Pituophis catenifer*	33.8	3.20	1.28	Cathemeral	Carnivorous	Oviparous	11.1	1.0	26.7	48	38.1	11.2	TL	Colubridae sensu stricto (Feldman, unpublish	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Colubridae	*Pituophis melanoleucus*	22.4	2.98	1.63	Diurnal	Carnivorous	Oviparous	8.7	1.0	28.6	36.0	32.6	11.5	TL	Colubridae sensu stricto (Feldman, unpublish	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Colubridae	*Platyceps collaris*	4.6	2.07	-0.27	Diurnal	Carnivorous	Oviparous	9.5	NA	24.5	NA	37.0	11.1	TL	Colubridae sensu stricto (Feldman, unpublish	Captivity	TAUM	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Colubridae	*Platyceps elegantissimus*	3.8	1.68	NA	Diurnal	Carnivorous	Oviparous	NA	NA	NA	NA	26.0	10.4	TL	Colubridae sensu stricto (Feldman, unpublish	Captivity	TAUM	Schatti & Utiger 2001
Serpentes	Alethinophidia	Colubridae	*Platyceps florulentus*	9.3	2.07	NA	Diurnal	Carnivorous	Oviparous	NA	NA	NA	NA	10.8	11.2	TL	Colubridae sensu stricto (Feldman, unpublish	Captivity	Carey and Judge 2000	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Colubridae	*Platyceps karelini*	15.2	2.07	NA	Diurnal	Carnivorous	Oviparous	NA	NA	NA	NA	38.2	10.4	TL	Colubridae sensu stricto (Feldman, unpublish	Captivity	TAUM	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Colubridae	*Platyceps rhodorachis*	4.5	2.44	NA	Cathemeral	Carnivorous	Oviparous	8.0	NA	NA	NA	30.2	10.6	TL	Colubridae sensu stricto (Feldman, unpublish	Captivity	TAUM	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Colubridae	*Platyceps ventromaculatus*	5.8	2.32	NA	Diurnal	Carnivorous	Oviparous	8.0	NA	NA	NA	25.5	11.0	TL	Colubridae sensu stricto (Feldman, unpublish	Captivity	Carey and Judge 2000	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Colubridae	*Pseudelaphe flavirufa*	16.3	2.62	NA	Nocturnal	Carnivorous	Oviparous	5.0	NA	NA	NA	18.2	11.7	TL	Colubridae sensu stricto (Feldman, unpublish	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Colubridae	*Ptyas mucosa*	11.3	3.51	1.04	Diurnal	Carnivorous	Oviparous	15.0	NA	NA	NA	20.2	11.4	TL	Colubridae sensu stricto (Feldman, unpublish	Nature	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Colubridae	*Rhinechis scalaris*	16.0	2.59	0.63	Cathemeral	Carnivorous	Oviparous	7.5	0.5	NA	NA	40.2	11.3	TL	Colubridae sensu stricto (Feldman, unpublish	Nature	Castanet 1994	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Colubridae	*Rhinocheilus lecontei*	19.8	2.53	0.38	Nocturnal	Carnivorous	Oviparous	7.0	1.5	25.2	NA	31.6	11.1	TL	Colubridae sensu stricto (Feldman, unpublish	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Colubridae	*Salvadora hexalepis*	14.3	2.22	0.54	Diurnal	Carnivorous	Oviparous	6.0	NA	37.5	NA	32.2	11.0	TL	Colubridae sensu stricto (Feldman, unpublish	Captivity	De Magalhaes and Cost	polytomy with S. mexicana
Serpentes	Alethinophidia	Colubridae	*Salvadora mexicana*	6.3	2.60	NA	Diurnal	Carnivorous	Oviparous	NA	NA	NA	NA	19.0	11.6	TL	Colubridae sensu stricto (Feldman, unpublish	Captivity	Carey and Judge 2000	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Colubridae	*Senticolis triaspis*	19.8	2.59	1.24	Nocturnal	Carnivorous	Oviparous	4.6	NA	NA	NA	20.2	11.6	TL	Colubridae sensu stricto (Feldman, unpublish	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Colubridae	*Spalerosophis diadema*	17.0	2.83	0.94	Nocturnal	Carnivorous	Oviparous	8.0	1.0	22.4	42	25.5	10.5	TL	Colubridae sensu stricto (Feldman, unpublish	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Colubridae	*Spilotes pullatus*	17.5	3.48	1.30	Diurnal	Carnivorous	Oviparous	5.0	NA	24.6	NA	6.4	11.8	TL	Colubridae sensu stricto (Feldman, unpublish	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Colubridae	*Telescopus dhara*	3.7	2.78	0.35	Nocturnal	Carnivorous	Oviparous	8.5	1.5	NA	NA	11.7	10.9	TL	Colubridae sensu stricto (Feldman, unpublish	Captivity	TAUM	polytomy within genus
Serpentes	Alethinophidia	Colubridae	*Telescopus fallax*	10.0	2.27	NA	Nocturnal	Carnivorous	Oviparous	6.5	NA	NA	NA	36.9	11.1	TL	Colubridae sensu stricto (Feldman, unpublish	unclear	Filippi and Luiselli 200	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Colubridae	*Telescopus hoogstraali*	10.0	2.09	NA	Nocturnal	Carnivorous	Oviparous	NA	NA	26.3	NA	29.7	10.5	TL	Colubridae sensu stricto (Feldman, unpublish	Captivity	TAUM	polytomy within genus
Serpentes	Alethinophidia	Colubridae	*Telescopus semiannulatus*	7.6	2.12	0.29	Nocturnal	Carnivorous	Oviparous	11.5	NA	NA	NA	19.0	11.4	TL	Colubridae sensu stricto (Feldman, unpublish	Captivity	De Magalhaes and Cost	polytomy within genus
Serpentes	Alethinophidia	Colubridae	*Thrasops jacksonii*	5.8	2.99	0.86	Diurnal	Carnivorous	Oviparous	9.5	NA	NA	NA	1.8	11.8	TL	Colubridae sensu stricto (Feldman, unpublish	Captivity	Carey and Judge 2000	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Colubridae	*Toxicodryas blandingii*	12.6	3.20	NA	Nocturnal	Carnivorous	Oviparous	10.5	NA	NA	NA	5.7	11.7	TL	Colubridae sensu stricto (Feldman, unpublish	Captivity	De Magalhaes and Cost	Richmond et al. 2012
Serpentes	Alethinophidia	Colubridae	*Trimorphodon biscutatus*	11.8	2.69	0.44	Nocturnal	Carnivorous	Oviparous	12.0	NA	NA	NA	30.9	11.0	TL	Colubridae sensu stricto (Feldman, unpublish	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Colubridae	*Trimorphodon tau*	4.8	1.82	0.34	Nocturnal	Carnivorous	Oviparous	7.0	NA	NA	NA	20.9	11.6	TL	Colubridae sensu stricto (Feldman, unpublish	Captivity	Carey and Judge 2000	polytomy within genus
Serpentes	Alethinophidia	Colubridae	*Zamenis longissimus*	3.6	2.83	0.63	Diurnal	Carnivorous	Oviparous	NA	1.0	NA	NA	43.5	11.3	TL	Colubridae sensu stricto (Feldman, unpublish	Captivity	Carey and Judge 2000	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Colubridae	*Zamenis situla*	23.0	2.07	0.18	Diurnal	Carnivorous	Oviparous	4.5	0.5	NA	NA	39.9	11.2	TL	Colubridae sensu stricto (Feldman, unpublish	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Dipsadidae	*Carphophis amoenus*	11.8	1.08	-0.19	Nocturnal	Carnivorous	Oviparous	5.1	NA	NA	36.0	36.3	11.6	TL	Dipsadidae (Feldman, unpublished)	Captivity	Gray 2014	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Dipsadidae	*Clelia clelia*	11.5	3.03	1.21	Nocturnal	Carnivorous	Oviparous	19.0	NA	NA	NA	8.6	11.8	TL	Dipsadidae (Feldman, unpublished)	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Dipsadidae	*Farancia abacura*	19.0	2.84	0.80	Nocturnal	Carnivorous	Oviparous	27.0	NA	NA	NA	32.2	11.5	TL	Dipsadidae (Feldman, unpublished)	unclear	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Dipsadidae	*Heterodon nasicus*	19.8	2.55	0.62	Diurnal	Carnivorous	Oviparous	10.5	0.5	NA	24.0	36.8	11.2	TL	Dipsadidae (Feldman, unpublished)	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Dipsadidae	*Heterodon platirhinos*	9.1	2.26	0.86	Diurnal	Carnivorous	Oviparous	22.8	0.5	NA	24.0	36.8	11.5	TL	Dipsadidae (Feldman, unpublished)	unclear	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Dipsadidae	*Hydrodynastes gigas*	16.9	3.12	NA	Diurnal	Carnivorous	Oviparous	NA	NA	NA	NA	11.9	11.9	TL	Dipsadidae (Feldman, unpublished)	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Dipsadidae	*Hypsiglena torquata*	12.2	1.71	0.10	Nocturnal	Carnivorous	Oviparous	5.5	NA	29.5	NA	33.8	11.1	TL	Dipsadidae (Feldman, unpublished)	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Dipsadidae	*Leptodeira annulata*	4.9	2.16	NA	Nocturnal	Carnivorous	Oviparous	7.0	NA	26.0	NA	6.7	11.8	TL	Dipsadidae (Feldman, unpublished)	Captivity	Carey and Judge 2000	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Dipsadidae	*Lygophis anomalus*	4.8	1.85	0.31	NA	Carnivorous	Oviparous	7.3	NA	NA	NA	29.9	11.7	TL	Dipsadidae (Feldman, unpublished)	Captivity	Carey and Judge 2000	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Dipsadidae	*Philodryas viridissima*	4.1	2.30	NA	Diurnal	Carnivorous	Oviparous	6.0	NA	NA	NA	4.1	11.9	TL	Dipsadidae (Feldman, unpublished)	Captivity	Carey and Judge 2000	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Dipsadidae	*Sibon nebulatus*	4.3	2.13	0.66	Nocturnal	Carnivorous	Oviparous	6.0	NA	NA	NA	4.3	11.8	TL	Dipsadidae (Feldman, unpublished)	Captivity	Carey and Judge 2000	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Dipsadidae	*Tretanorhinus variabilis*	5.2	2.16	0.68	Nocturnal	Carnivorous	Oviparous	8.0	NA	NA	NA	21.7	11.6	SVL	Dipsadidae (Feldman, unpublished)	Captivity	Henderson and Powell 2	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Dipsadidae	*Uromacer oxyrhynchus*	18.9	2.83	NA	Diurnal	Carnivorous	Oviparous	5.0	NA	NA	NA	19.0	11.6	SVL	Dipsadidae (Feldman, unpublished)	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Elapidae	*Acanthophis antarcticus*	9.3	2.40	0.37	Nocturnal	Carnivorous	Viviparous	7.9	0.5	NA	42.0	27.9	11.3	TL	Elapidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Elapidae	*Acanthophis laevis*	6.2	2.50	NA	Nocturnal	Carnivorous	Viviparous	10.0	NA	NA	NA	5.0	11.7	TL	Elapidae	Captivity	Carey and Judge 2000	polytomy within genus
Serpentes	Alethinophidia	Elapidae	*Acanthophis pyrrhus*	3.4	2.04	NA	Nocturnal	Carnivorous	Viviparous	NA	NA	NA	NA	23.8	10.9	TL	Elapidae	Captivity	Carey and Judge 2000	Reed and Shine 2002
Serpentes	Alethinophidia	Elapidae	*Aspidelaps lubricus*	9.0	2.23	0.58	Nocturnal	Carnivorous	Oviparous	7.0	NA	NA	NA	27.2	11.0	TL	Elapidae	Captivity	De Magalhaes and Cost	polytomy within genus
Serpentes	Alethinophidia	Elapidae	*Aspidelaps scutatus*	13.5	2.10	0.55	Nocturnal	Carnivorous	Oviparous	9.0	NA	NA	NA	21.9	11.3	TL	Elapidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Elapidae	*Austrelaps ramsayi*	11.0	2.50	0.52	Diurnal	Carnivorous	Viviparous	14.6	NA	NA	NA	34.9	11.8	TL	Elapidae	Captivity	Eipper 2012	Reed and Shine 2002
Serpentes	Alethinophidia	Elapidae	*Austrelaps superbus*	13.0	2.96	0.76	Cathemeral	Carnivorous	Viviparous	15.0	1.0	32.2	24.0	39.3	11.5	TL	Elapidae	Captivity	Eipper 2012	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Elapidae	*Bungarus caeruleus*	17.4	2.99	1.13	Nocturnal	Carnivorous	Oviparous	10.5	NA	NA	NA	22.0	11.3	TL	Elapidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Elapidae	*Bungarus fasciatus*	13.2	3.25	1.23	Nocturnal	Carnivorous	Oviparous	9.0	NA	NA	NA	15.5	11.6	TL	Elapidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Elapidae	*Bungarus multicinctus*	13.7	2.72	1.05	Nocturnal	Carnivorous	Oviparous	7.5	NA	NA	NA	24.6	11.5	TL	Elapidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Elapidae	*Dendroaspis angusticeps*	18.8	3.36	1.38	Diurnal	Carnivorous	Oviparous	11.5	NA	NA	NA	16.8	11.7	TL	Elapidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Elapidae	*Dendroaspis jamesoni*	13.1	3.42	1.14	Diurnal	Carnivorous	Oviparous	NA	NA	NA	NA	0.6	11.9	TL	Elapidae	Captivity	De Magalhaes and Cost	Fry et al. 2003
Serpentes	Alethinophidia	Elapidae	*Dendroaspis polylepis*	26.2	3.91	1.68	Diurnal	Carnivorous	Oviparous	11.5	NA	NA	NA	4.5	11.5	TL	Elapidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Elapidae	*Dendroaspis viridis*	18.7	3.27	NA	Diurnal	Carnivorous	Oviparous	NA	NA	NA	NA	7.5	11.6	TL	Elapidae	Captivity	De Magalhaes and Cost	Fry et al. 2003
Serpentes	Alethinophidia	Elapidae	*Denisonia devisi*	26.0	1.87	0.27	Nocturnal	Carnivorous	Viviparous	4.9	NA	NA	NA	27.1	11.2	TL	Elapidae	Captivity	Eipper 2012	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Elapidae	*Elapsoidea sundevallii*	11.6	2.40	NA	Nocturnal	Carnivorous	Oviparous	5.0	NA	NA	NA	24.6	11.4	TL	Elapidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Elapidae	*Hemachatus haemachatus*	13.0	2.83	0.67	Nocturnal	Carnivorous	Viviparous	25.0	NA	NA	NA	29.2	11.4	TL	Elapidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Elapidae	*Hoplocephalus bungaroides*	19.0	2.29	0.75	Nocturnal	Carnivorous	Viviparous	6.0	1.0	NA	NA	33.8	11.6	TL	Elapidae	Captivity	Eipper 2012	Reed and Shine 2002
Serpentes	Alethinophidia	Elapidae	*Hoplocephalus stephensii*	11.0	2.59	0.75	Nocturnal	Carnivorous	Viviparous	5.7	NA	NA	NA	30.2	11.7	TL	Elapidae	Captivity	Eipper 2012	Reed and Shine 2002
Serpentes	Alethinophidia	Elapidae	*Micruroides euryxanthus*	17.6	1.97	0.70	Nocturnal	Carnivorous	Oviparous	4.0	NA	NA	NA	30.5	11.1	TL	Elapidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Elapidae	*Micrurus fulvius*	19.0	2.60	0.67	Diurnal	Carnivorous	Oviparous	6.5	1.0	NA	27.5	30.7	11.5	TL	Elapidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Elapidae	*Naja atra*	11.7	2.93	1.03	Nocturnal	Carnivorous	Oviparous	14.5	NA	NA	NA	25.5	11.5	TL	Elapidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Elapidae	*Naja haje*	22.1	3.40	1.05	Cathemeral	Carnivorous	Oviparous	20.5	NA	NA	NA	16.8	11.0	TL	Elapidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Elapidae	*Naja kaouthia*	25.4	3.27	1.05	Nocturnal	Carnivorous	Oviparous	26.5	NA	NA	NA	20.5	11.6	TL	Elapidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Elapidae	*Naja melanoleuca*	30.0	3.44	1.33	Cathemeral	Carnivorous	Oviparous	18.5	1.0	NA	NA	1.5	11.8	TL	Elapidae	Captivity	Amitai and Bouskila 20	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Elapidae	*Naja mossambica*	16.7	2.83	0.91	Cathemeral	Carnivorous	Oviparous	16.0	NA	NA	NA	19.1	11.6	TL	Elapidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Elapidae	*Naja naja*	32.3	3.23	1.28	Cathemeral	Carnivorous	Oviparous	21.0	NA	NA	NA	21.4	11.3	TL	Elapidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Elapidae	*Naja nigricollis*	23.2	3.44	1.35	Cathemeral	Carnivorous	Oviparous	14.0	NA	NA	NA	0.3	11.7	TL	Elapidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Elapidae	*Naja nivea*	26.0	3.05	1.36	Diurnal	Carnivorous	Oviparous	14.0	NA	NA	NA	28.3	11.0	TL	Elapidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014

Serpentes	Alethinophidia	Elapidae	*Naja pallida*	20.2	2.83	0.61	Nocturnal	Carnivorous	Oviparous	10.5	NA	NA	NA	4.0	11.2	TL	Elapidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Elapidae	*Naja samarensis*	11.4	2.32	NA	Nocturnal	Carnivorous	Oviparous	NA	NA	NA	NA	8.4	11.5	TL	Elapidae	Captivity	De Magalhaes and Cost	Nagarajan et al. 2011
Serpentes	Alethinophidia	Elapidae	*Naja sputatrix*	13.5	2.73	NA	Nocturnal	Carnivorous	Oviparous	NA	NA	NA	NA	7.6	11.4	TL	Elapidae	Captivity	De Magalhaes and Cost	considered subspecies of N. naja
Serpentes	Alethinophidia	Elapidae	*Notechis scutatus*	17.0	3.13	0.55	Diurnal	Carnivorous	Viviparous	19.1	1.0	25.9	24.0	35.0	11.5	TL	Elapidae	Nature	Eipper 2012	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Elapidae	*Ophiophagus hannah*	22.5	4.25	1.75	Diurnal	Carnivorous	Oviparous	33.0	NA	NA	NA	14.1	11.6	TL	Elapidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Elapidae	*Oxyuranus microlepidotus*	18.0	3.36	1.32	Diurnal	Carnivorous	Oviparous	16.2	NA	NA	NA	27.0	10.7	TL	Elapidae	Captivity	Eipper 2012	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Elapidae	*Oxyuranus scutellatus*	15.6	3.67	1.19	Diurnal	Carnivorous	Oviparous	11.4	NA	NA	NA	16.7	11.5	TL	Elapidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Elapidae	*Pseudechis australis*	11.1	3.46	0.98	Cathemeral	Carnivorous	Oviparous	8.6	NA	NA	NA	24.3	11.0	TL	Elapidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Elapidae	*Pseudechis porphyriacus*	25.0	3.13	0.85	Diurnal	Carnivorous	Viviparous	24.0	1.0	28.9	31.0	31.4	11.5	TL	Elapidae	Captivity	Eipper 2012	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Elapidae	*Pseudonaja guttata*	12.0	2.75	0.76	Diurnal	Carnivorous	Oviparous	5.8	NA	NA	NA	21.7	11.0	TL	Elapidae	Captivity	Eipper 2012	polytomy within genus
Serpentes	Alethinophidia	Elapidae	*Pseudonaja textilis*	15.0	3.23	0.70	Diurnal	Carnivorous	Oviparous	16.0	NA	NA	NA	27.2	11.4	TL	Elapidae	Captivity	Eipper 2012	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Elapidae	*Suta suta*	12.0	1.87	0.60	Nocturnal	Carnivorous	Viviparous	4.6	NA	NA	NA	24.7	11.0	TL	Elapidae	Captivity	Eipper 2012	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Elapidae	*Tropidechis carinatus*	9.0	2.40	0.68	Nocturnal	Carnivorous	Viviparous	10.2	NA	NA	NA	27.0	11.6	TL	Elapidae	Captivity	Eipper 2012	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Elapidae	*Walterinnesia aegyptia*	11.3	2.75	1.00	Nocturnal	Carnivorous	Oviparous	13.5	NA	NA	NA	29.2	10.6	TL	Elapidae	Captivity	TAUM	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Homalopsidae	*Erpeton tentaculatum*	13.6	2.41	-0.10	Diurnal	Carnivorous	Viviparous	9.0	NA	NA	NA	10.8	11.6	TL	Homalopsidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Homalopsidae	*Myrrophis chinensis*	4.2	2.49	-0.32	NA	Carnivorous	Viviparous	16.3	NA	NA	NA	26.1	11.4	TL	Homalopsidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Homalopsidae	*Pseudoferania polylepis*	5.0	2.47	0.54	Nocturnal	Carnivorous	Viviparous	11.6	NA	NA	NA	14.7	11.5	TL	Homalopsidae	Captivity	Eipper 2012	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Lamprophiidae	*Atractaspis bibronii*	23.9	1.74	-0.15	Nocturnal	Carnivorous	Oviparous	5.0	NA	NA	NA	16.6	11.5	TL	Lamprophiidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Lamprophiidae	*Atractaspis engaddensis*	11.3	1.65	NA	Nocturnal	Carnivorous	Oviparous	2.5	NA	NA	NA	24.6	10.4	TL	Lamprophiidae	Captivity	TAUM	sister to congeneric
Serpentes	Alethinophidia	Lamprophiidae	*Boaedon fuliginosus*	9.0	2.50	0.26	Nocturnal	Carnivorous	Oviparous	9.0	1.5	NA	NA	6.6	11.6	TL	Lamprophiidae	unclear	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Lamprophiidae	*Dipsina multimaculata*	10.0	1.33	-0.42	Diurnal	Carnivorous	Oviparous	3.0	NA	NA	NA	26.8	10.9	TL	Lamprophiidae	Captivity	Carey and Judge 2000	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Lamprophiidae	*Gonionotophis capensis*	10.9	2.86	0.96	Nocturnal	Carnivorous	Oviparous	9.0	1.5	NA	NA	12.4	11.6	TL	Lamprophiidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Lamprophiidae	*Leioheterodon madagascariensis*	27.2	2.67	0.82	Diurnal	Carnivorous	Oviparous	11.5	NA	NA	NA	19.5	11.7	TL	Lamprophiidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Lamprophiidae	*Lycodonomorphus rufulus*	4.3	1.98	0.11	Nocturnal	Carnivorous	Oviparous	14.5	NA	NA	NA	28.7	11.5	TL	Lamprophiidae	Captivity	Carey and Judge 2000	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Lamprophiidae	*Malpolon insignitus*	25.0	3.07	NA	Diurnal	Carnivorous	Oviparous	8.0	NA	NA	NA	37.5	11.0	TL	Lamprophiidae	Captivity	Amitai and Bouskila 20	sister to congeneric
Serpentes	Alethinophidia	Lamprophiidae	*Malpolon monspessulanus*	20.0	2.59	0.55	Cathemeral	Carnivorous	Oviparous	8.0	NA	NA	54	37.5	11.1	TL	Lamprophiidae	Nature	Castanet 1994	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Lamprophiidae	*Psammophis aegyptius*	10.7	2.67	NA	Diurnal	Carnivorous	Oviparous	NA	NA	NA	NA	23.8	10.4	TL	Lamprophiidae	Captivity	TAUM	Kelly et al. 2008
Serpentes	Alethinophidia	Lamprophiidae	*Psammophis schokari*	8.9	2.67	0.70	Diurnal	Carnivorous	Oviparous	5.5	NA	26.7	48	24.0	10.5	TL	Lamprophiidae	Captivity	TAUM	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Lamprophiidae	*Psammophis sibilans*	10.3	2.67	NA	Diurnal	Carnivorous	Oviparous	7.0	NA	NA	NA	11.4	11.3	TL	Lamprophiidae	Captivity	Carey and Judge 2000	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Lamprophiidae	*Psammophis subtaeniatus*	5.8	2.59	0.21	Diurnal	Carnivorous	Oviparous	7.0	NA	NA	NA	19.7	11.5	TL	Lamprophiidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Lamprophiidae	*Pseudaspis cana*	8.3	3.25	0.21	Diurnal	Carnivorous	Viviparous	34.0	NA	NA	NA	24.2	11.3	TL	Lamprophiidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Lamprophiidae	*Rhamphiophis oxyrhynchus*	13.3	2.75	0.64	Diurnal	Carnivorous	Oviparous	12.0	NA	NA	NA	8.3	11.4	TL	Lamprophiidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Loxocemidae	*Loxocemus bicolor*	32.8	3.23	NA	Nocturnal	Carnivorous	Oviparous	2.5	NA	NA	NA	14.4	11.7	TL	Pythonidae (Feldman, unpublished)	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Natricidae	*Clonophis kirtlandii*	8.4	1.77	0.09	Nocturnal	Carnivorous	Viviparous	11.0	NA	NA	NA	40.2	11.5	TL	Natricidae (Feldman, unpublished)	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Natricidae	*Natrix maura*	9.2	2.13	0.02	Diurnal	Carnivorous	Oviparous	5.0	4.0	NA	NA	37.8	11.1	TL	Natricidae (Feldman, unpublished)	Captivity	Carey and Judge 2000	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Natricidae	*Natrix natrix*	20.0	3.45	0.53	Cathemeral	Carnivorous	Oviparous	9.2	1.0	NA	NA	50.6	11.1	TL	Natricidae (Feldman, unpublished)	Captivity	Castanet 1994	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Natricidae	*Natrix tessellata*	14.0	2.45	0.14	Diurnal	Carnivorous	Oviparous	15.0	NA	NA	NA	41.9	11.0	TL	Natricidae (Feldman, unpublished)	unclear	Amitai and Bouskila 20	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Natricidae	*Nerodia erythrogaster*	14.8	3.16	0.81	Cathemeral	Carnivorous	Viviparous	17.8	NA	NA	NA	33.4	11.5	TL	Natricidae (Feldman, unpublished)	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Natricidae	*Nerodia fasciata*	9.4	3.12	0.71	Nocturnal	Carnivorous	Viviparous	22.8	NA	NA	NA	31.8	11.5	TL	Natricidae (Feldman, unpublished)	Captivity	Carey and Judge 2000	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Natricidae	*Nerodia rhombifer*	7.6	3.26	0.95	Cathemeral	Carnivorous	Viviparous	26.8	NA	26.9	NA	32.2	11.5	TL	Natricidae (Feldman, unpublished)	Captivity	Carey and Judge 2000	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Natricidae	*Nerodia sipedon*	21.0	3.03	0.61	Cathemeral	Carnivorous	Viviparous	27.2	1.0	24.8	24.0	39.5	11.5	TL	Natricidae (Feldman, unpublished)	Captivity	Harding and Rockafield	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Natricidae	*Nerodia taxispilota*	6.1	3.27	1.04	Diurnal	Carnivorous	Viviparous	28.0	1.0	NA	NA	31.9	11.4	TL	Natricidae (Feldman, unpublished)	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Natricidae	*Regina septemvittata*	19.3	2.34	0.46	Diurnal	Carnivorous	Viviparous	11.0	1.0	NA	24.0	37.5	11.5	TL	Natricidae (Feldman, unpublished)	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Natricidae	*Storeria dekayi*	7.0	1.53	-0.59	Nocturnal	Carnivorous	Viviparous	13.0	1.0	25.4	30	35.9	11.5	TL	Natricidae (Feldman, unpublished)	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Natricidae	*Storeria occipitomaculata*	4.6	1.17	-1.08	Cathemeral	Carnivorous	Viviparous	8.2	1.0	NA	NA	45.9	11.3	TL	Natricidae (Feldman, unpublished)	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Natricidae	*Thamnophis butleri*	14.0	2.02	-0.22	Diurnal	Carnivorous	Viviparous	9.0	NA	26.1	NA	41.9	11.3	TL	Natricidae (Feldman, unpublished)	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Natricidae	*Thamnophis couchii*	7.7	2.71	-0.22	Diurnal	Carnivorous	Viviparous	21.0	NA	NA	NA	38.5	11.4	TL	Natricidae (Feldman, unpublished)	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Natricidae	*Thamnophis cyrtopsis*	10.8	2.65	0.52	Diurnal	Carnivorous	Viviparous	9.9	0.8	NA	NA	26.7	11.3	TL	Natricidae (Feldman, unpublished)	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Natricidae	*Thamnophis elegans*	17.8	2.58	0.28	Diurnal	Carnivorous	Viviparous	8.7	NA	25.7	NA	42.8	11.2	TL	Natricidae (Feldman, unpublished)	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Natricidae	*Thamnophis hammondii*	7.7	2.55	0.21	Nocturnal	Carnivorous	Viviparous	15.0	NA	NA	NA	31.8	11.2	TL	Natricidae (Feldman, unpublished)	Captivity	Carey and Judge 2000	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Natricidae	*Thamnophis marcianus*	7.0	2.56	0.38	Cathemeral	Carnivorous	Viviparous	19.0	1.0	NA	NA	30.7	11.2	TL	Natricidae (Feldman, unpublished)	unclear	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Natricidae	*Thamnophis ordinoides*	15.8	2.39	0.12	Diurnal	Carnivorous	Viviparous	9.0	1.0	29.0	24	46.6	11.5	TL	Natricidae (Feldman, unpublished)	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Natricidae	*Thamnophis proximus*	3.6	2.75	0.22	Diurnal	Carnivorous	Viviparous	20.0	1.0	NA	NA	32.1	11.4	TL	Natricidae (Feldman, unpublished)	Captivity	Carey and Judge 2000	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Natricidae	*Thamnophis radix*	8.4	2.58	0.24	Diurnal	Carnivorous	Viviparous	15.0	NA	NA	NA	45.5	11.3	TL	Natricidae (Feldman, unpublished)	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Natricidae	*Thamnophis sauritus*	10.6	2.48	0.07	Diurnal	Carnivorous	Viviparous	11.0	1.0	26.0	30	37.4	11.5	TL	Natricidae (Feldman, unpublished)	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Natricidae	*Thamnophis sirtalis*	14.0	2.94	0.34	Cathemeral	Carnivorous	Viviparous	27.0	1.0	25.6	22.5	44.2	11.4	TL	Natricidae (Feldman, unpublished)	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Natricidae	*Virginia striatula*	7.2	0.94	-0.36	Cathemeral	Carnivorous	Viviparous	5.3	1.0	NA	24.0	33.1	11.5	TL	Natricidae (Feldman, unpublished)	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Natricidae	*Virginia valeriae*	9.5	1.11	-0.50	Nocturnal	Carnivorous	Viviparous	NA	NA	27.3	NA	35.0	11.6	TL	Natricidae (Feldman, unpublished)	Captivity	De Magalhaes and Cost	McVay and Cartens 2013
Serpentes	Alethinophidia	Natricidae	*Xenochrophis piscator*	9.0	3.26	-0.09	Cathemeral	Carnivorous	Oviparous	34.5	NA	NA	NA	23.2	11.3	TL	Natricidae (Feldman, unpublished)	Captivity	Carey and Judge 2000	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Pythonidae	*Antaresia childreni*	25.7	2.74	1.11	Nocturnal	Carnivorous	Oviparous	6.5	NA	NA	NA	16.4	11.2	TL	Pythonidae (Feldman, unpublished)	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Pythonidae	*Aspidites melanocephalus*	22.6	3.80	1.62	Nocturnal	Carnivorous	Oviparous	7.8	NA	NA	NA	19.1	11.2	TL	Pythonidae (Feldman, unpublished)	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Pythonidae	*Bothrochilus boa*	22.2	3.37	NA	Nocturnal	Carnivorous	Oviparous	NA	NA	NA	NA	5.1	11.4	TL	Pythonidae (Feldman, unpublished)	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Pythonidae	*Broghammerus reticulatus*	29.4	5.39	2.05	Cathemeral	Carnivorous	Oviparous	87.0	0.4	NA	NA	6.1	11.6	TL	Pythonidae (Feldman, unpublished)	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Pythonidae	*Leiopython albertisii*	18.0	3.77	NA	Nocturnal	Carnivorous	Oviparous	11.5	NA	NA	NA	3.3	11.7	TL	Pythonidae (Feldman, unpublished)	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Pythonidae	*Liasis fuscus*	26.8	4.01	1.83	Nocturnal	Carnivorous	Oviparous	10.3	NA	NA	NA	15.9	11.4	TL	Pythonidae (Feldman, unpublished)	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Pythonidae	*Morelia amethistina*	13.8	5.20	2.51	Cathemeral	Carnivorous	Oviparous	11.5	NA	NA	NA	7.2	11.6	TL	Pythonidae (Feldman, unpublished)	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Pythonidae	*Morelia boeleni*	20.1	3.77	NA	Diurnal	Carnivorous	Oviparous	7.0	NA	NA	NA	5.5	11.6	TL	Pythonidae (Feldman, unpublished)	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Pythonidae	*Morelia kinghorni*	13.8	4.59	NA	Cathemeral	Carnivorous	Oviparous	NA	NA	25.2	NA	14.9	11.6	TL	Pythonidae (Feldman, unpublished)	Captivity	Carey and Judge 2000	polytomy with Morelia amethistina
Serpentes	Alethinophidia	Pythonidae	*Morelia spilota*	19.6	4.34	1.51	Nocturnal	Carnivorous	Oviparous	16.2	0.4	NA	NA	24.8	11.3	TL	Pythonidae (Feldman, unpublished)	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Pythonidae	*Morelia viridis*	20.6	3.54	1.45	Nocturnal	Carnivorous	Oviparous	12.3	NA	NA	NA	5.6	11.7	TL	Pythonidae (Feldman, unpublished)	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Pythonidae	*Python bivittatus*	28.3	5.30	2.23	Nocturnal	Carnivorous	Oviparous	34.5	1.0	NA	NA	19.4	11.6	TL	Pythonidae (Feldman, unpublished)	Captivity	Carey and Judge 2000	Graham et al 2013
Serpentes	Alethinophidia	Pythonidae	*Python curtus*	27.8	3.54	NA	Nocturnal	Carnivorous	Oviparous	11.0	NA	NA	NA	0.2	11.6	TL	Pythonidae (Feldman, unpublished)	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Pythonidae	*Python molurus*	34.2	5.08	1.94	Nocturnal	Carnivorous	Oviparous	57.5	NA	NA	NA	22.0	11.3	TL	Pythonidae (Feldman, unpublished)	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Pythonidae	*Python regius*	47.5	3.21	1.64	Nocturnal	Carnivorous	Oviparous	7.0	0.6	NA	NA	7.7	11.7	TL	Pythonidae (Feldman, unpublished)	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Pythonidae	*Python sebae*	27.3	4.70	2.00	Nocturnal	Carnivorous	Oviparous	58.0	NA	NA	NA	8.2	11.5	TL	Pythonidae (Feldman, unpublished)	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Tropidophiidae	*Tropidophis canus*	16.1	1.36	NA	Nocturnal	Carnivorous	Viviparous	NA	NA	NA	NA	23.9	10.9	SVL	general snake equation (Feldman & Meiri 201	Captivity	Henderson and Powell	polytomy within genus
Serpentes	Alethinophidia	Tropidophiidae	*Tropidophis caymanensis*	25.1	1.67	NA	Nocturnal	Carnivorous	Viviparous	NA	NA	NA	NA	19.6	10.8	SVL	general snake equation (Feldman & Meiri 201	unclear	Henderson and Powell	polytomy within genus
Serpentes	Alethinophidia	Tropidophiidae	*Tropidophis greenwayi*	10.3	1.23	NA	Nocturnal	Carnivorous	Viviparous	2.5	NA	NA	NA	21.8	10.9	TL	general snake equation (Feldman & Meiri 201	Captivity	Henderson and Powell	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Tropidophiidae	*Tropidophis haetianus*	15.4	1.87	NA	Nocturnal	Carnivorous	Viviparous	8.0	NA	NA	NA	18.7	11.5	SVL	general snake equation (Feldman & Meiri 201	Captivity	Henderson and Powell	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Viperidae	*Agkistrodon bilineatus*	24.3	3.12	1.12	Nocturnal	Carnivorous	Viviparous	13.0	NA	NA	30	16.5	11.7	TL	Viperidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Viperidae	*Agkistrodon contortrix*	29.8	3.10	1.03	Cathemeral	Carnivorous	Viviparous	7.0	0.8	27.0	36.0	35.4	11.5	TL	Viperidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Viperidae	*Agkistrodon piscivorus*	24.5	3.52	1.23	Cathemeral	Carnivorous	Viviparous	7.0	0.5	26.2	29.5	32.8	11.5	TL	Viperidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Viperidae	*Agkistrodon taylori*	19.9	2.67	1.12	Diurnal	Carnivorous	Viviparous	5.0	NA	NA	30.0	23.3	11.6	TL	Viperidae	Captivity	O'shea et al. 2012	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Viperidae	*Atropoides nummifer*	19.0	2.54	0.68	Nocturnal	Carnivorous	Viviparous	19.5	NA	NA	NA	14.8	11.8	TL	Viperidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Viperidae	*Atropoides picadoi*	13.0	2.95	0.89	Nocturnal	Carnivorous	Viviparous	28.0	NA	NA	NA	9.7	11.7	TL	Viperidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Viperidae	*Bitis arietans*	15.8	3.49	0.68	Cathemeral	Carnivorous	Viviparous	35.0	1.0	NA	NA	3.9	11.5	TL	Viperidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Viperidae	*Bitis atropos*	5.3	1.96	0.04	Cathemeral	Carnivorous	Viviparous	10.0	NA	NA	NA	28.0	11.5	TL	Viperidae	Captivity	Carey and Judge 2000	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Viperidae	*Bitis caudalis*	7.1	2.07	0.09	Cathemeral	Carnivorous	Viviparous	5.5	NA	NA	NA	24.4	11.0	TL	Viperidae	Captivity	TAUM	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Viperidae	*Bitis gabonica*	18.0	3.46	2.49	Nocturnal	Carnivorous	Viviparous	15.5	NA	NA	NA	2.4	11.9	TL	Viperidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Viperidae	*Bitis nasicornis*	9.4	2.95	0.77	Nocturnal	Carnivorous	Viviparous	22.0	NA	NA	NA	1.2	11.8	TL	Viperidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Viperidae	*Bitis rhinoceros*	13.3	3.48	NA	Nocturnal	Carnivorous	Viviparous	NA	NA	NA	NA	7.3	11.7	TL	Viperidae	Captivity	Carey and Judge 2000	Calvete et al. 2007
Serpentes	Alethinophidia	Viperidae	*Bothriechis aurifer*	13.7	2.72	NA	Diurnal	Carnivorous	Viviparous	NA	NA	NA	NA	16.2	11.9	TL	Viperidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Viperidae	*Bothriechis lateralis*	12.5	2.72	NA	Nocturnal	Carnivorous	Viviparous	NA	NA	NA	NA	9.6	11.6	TL	Viperidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Viperidae	*Bothriechis rowleyi*	12.8	2.68	NA	Nocturnal	Carnivorous	Viviparous	NA	NA	NA	NA	16.9	11.9	TL	Viperidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Viperidae	*Bothriechis schlegelii*	19.5	2.47	0.47	Nocturnal	Carnivorous	Viviparous	13.2	NA	NA	NA	8.9	11.7	TL	Viperidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Viperidae	*Bothrops alternatus*	15.2	3.38	1.43	Cathemeral	Carnivorous	Viviparous	14.5	1.0	NA	NA	27.1	11.7	TL	Viperidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Viperidae	*Bothrops asper*	20.4	3.88	NA	Nocturnal	Carnivorous	Viviparous	29.9	NA	NA	NA	11.0	11.6	TL	Viperidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Viperidae	*Bothrops atrox*	8.5	3.26	1.28	Nocturnal	Carnivorous	Viviparous	31.0	NA	NA	NA	3.1	11.9	TL	Viperidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Viperidae	*Bothrops caribbaeus*	14.4	3.59	NA	Nocturnal	Carnivorous	Viviparous	31.0	NA	NA	NA	13.9	10.8	TL	Viperidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Viperidae	*Bothrops jararaca*	6.5	3.31	NA	Nocturnal	Carnivorous	Viviparous	12.0	NA	NA	NA	21.0	11.8	TL	Viperidae	Captivity	Carey and Judge 2000	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Viperidae	*Bothrops lanceolatus*	13.0	3.59	NA	Nocturnal	Carnivorous	Viviparous	51.0	NA	NA	NA	14.7	11.2	TL	Viperidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Viperidae	*Bothrops neuwiedi*	15.1	2.72	NA	Cathemeral	Carnivorous	Viviparous	12.0	NA	NA	NA	19.0	11.8	TL	Viperidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Viperidae	*Calloselasma rhodostoma*	5.7	2.77	0.44	Nocturnal	Carnivorous	Oviparous	16.5	NA	NA	NA	11.4	11.6	TL	Viperidae	Captivity	Carey and Judge 2000	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Viperidae	*Causus resimus*	4.0	2.35	0.19	Cathemeral	Carnivorous	Oviparous	8.0	NA	NA	NA	7.4	11.6	TL	Viperidae	Captivity	TAUM	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Viperidae	*Causus rhombeatus*	6.6	2.65	0.28	Cathemeral	Carnivorous	Oviparous	16.5	2.0	NA	NA	10.3	11.7	TL	Viperidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Viperidae	*Cerastes cerastes*	18.0	2.57	NA	Nocturnal	Carnivorous	Oviparous	16.5	NA	NA	NA	23.8	10.4	TL	Viperidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Viperidae	*Cerastes gasperettii*	20.0	2.53	NA	Nocturnal	Carnivorous	Oviparous	12.0	NA	NA	NA	23.5	10.4	TL	Viperidae	Captivity	Amitai and Bouskila 20	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Viperidae	*Cerastes vipera*	6.0	1.79	NA	Nocturnal	Carnivorous	Viviparous	2.0	NA	NA	NA	23.7	10.4	TL	Viperidae	Captivity	Carey and Judge 2000	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Viperidae	*Cerrophidion godmani*	15.8	2.47	NA	Diurnal	Carnivorous	Viviparous	7.0	0.5	NA	NA	14.8	11.8	TL	Viperidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Viperidae	*Crotalus adamanteus*	22.8	3.88	1.60	Diurnal	Carnivorous	Viviparous	12.7	NA	NA	NA	30.4	11.4	TL	Viperidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Viperidae	*Crotalus atrox*	27.0	3.79	1.13	Cathemeral	Carnivorous	Viviparous	11.0	0.5	27.4	36.0	30.5	11.1	TL	Viperidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Viperidae	*Crotalus basiliscus*	16.0	3.62	NA	Nocturnal	Carnivorous	Viviparous	33.0	NA	NA	NA	22.1	11.5	TL	Viperidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Viperidae	*Crotalus catalinensis*	11.8	2.51	1.37	Nocturnal	Carnivorous	Viviparous	5.0	1.0	NA	36	25.6	10.6	TL	Viperidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Viperidae	*Crotalus cerastes*	27.3	2.50	0.78	Nocturnal	Carnivorous	Viviparous	9.2	NA	26.2	NA	33.7	10.8	TL	Viperidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Viperidae	*Crotalus durissus*	19.8	3.46	1.13	Cathemeral	Carnivorous	Viviparous	14.5	NA	NA	NA	10.1	11.8	TL	Viperidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Viperidae	*Crotalus enyo*	17.1	2.57	1.01	Cathemeral	Carnivorous	Viviparous	5.5	NA	29.7	NA	26.9	10.8	TL	Viperidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Viperidae	*Crotalus horridus*	30.2	3.52	1.35	Diurnal	Carnivorous	Viviparous	10.4	0.5	25.9	66.0	36.1	11.6	TL	Viperidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Viperidae	*Crotalus lepidus*	33.6	2.50	0.70	Diurnal	Carnivorous	Viviparous	4.0	0.5	NA	NA	27.8	11.2	TL	Viperidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Viperidae	*Crotalus mitchellii*	22.0	3.11	1.35	Cathemeral	Carnivorous	Viviparous	6.4	0.5	30.3	30	33.0	10.9	TL	Viperidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Viperidae	*Crotalus molossus*	20.7	3.11	1.29	Nocturnal	Carnivorous	Viviparous	10.0	NA	29.5	NA	28.3	11.2	TL	Viperidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Viperidae	*Crotalus oreganus*	31.0	3.33	NA	Nocturnal	Carnivorous	Viviparous	9.8	0.4	NA	NA	40.7	11.2	TL	Viperidae	Captivity	Evans and Spencer-Har	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Viperidae	*Crotalus polystictus*	5.7	2.72	0.91	Cathemeral	Carnivorous	Viviparous	7.3	1.0	NA	NA	20.3	11.6	TL	Viperidae	Captivity	Carey and Judge 2000	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Viperidae	*Crotalus pricei*	15.7	2.21	0.62	Diurnal	Carnivorous	Viviparous	5.4	0.8	21.1	24	26.5	11.4	TL	Viperidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Viperidae	*Crotalus pusillus*	5.7	2.23	NA	Diurnal	Carnivorous	Viviparous	NA	NA	NA	NA	19.5	11.7	TL	Viperidae	Captivity	Carey and Judge 2000	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Viperidae	*Crotalus ravus*	14.8	2.27	0.73	Diurnal	Carnivorous	Viviparous	NA	NA	NA	NA	18.6	11.6	TL	Viperidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Viperidae	*Crotalus ruber*	19.2	3.35	1.24	Nocturnal	Carnivorous	Viviparous	8.0	NA	24.0	NA	28.8	10.8	TL	Viperidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Viperidae	*Crotalus scutulatus*	14.4	3.14	1.05	Nocturnal	Carnivorous	Viviparous	8.2	0.4	30.3	NA	29.3	11.1	TL	Viperidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Viperidae	*Crotalus stephensi*	12.4	3.07	NA	Cathemeral	Carnivorous	Viviparous	NA	NA	NA	NA	36.4	10.9	TL	Viperidae	Captivity	Carey and Judge 2000	Douglas et al. 2007
Serpentes	Alethinophidia	Viperidae	*Crotalus tigris*	15.3	2.60	0.83	Cathemeral	Carnivorous	Viviparous	4.0	NA	NA	NA	30.3	11.0	TL	Viperidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Viperidae	*Crotalus triseriatus*	7.0	2.24	0.69	Diurnal	Carnivorous	Viviparous	NA	NA	NA	NA	19.7	11.7	TL	Viperidae	Captivity	Carey and Judge 2000	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Viperidae	*Crotalus viridis*	24.1	3.35	1.17	Nocturnal	Carnivorous	Viviparous	9.8	0.5	28.9	54.0	40.2	11.1	TL	Viperidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Viperidae	*Crotalus willardi*	21.3	2.21	0.81	Cathemeral	Carnivorous	Viviparous	5.8	0.5	30.0	NA	28.5	11.3	TL	Viperidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Viperidae	*Daboia palaestinae*	12.6	3.23	1.00	Nocturnal	Carnivorous	Oviparous	20.0	NA	NA	54	32.0	11.0	TL	Viperidae	Captivity	TAUM	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Viperidae	*Daboia russelii*	15.0	3.49	1.00	Nocturnal	Carnivorous	Viviparous	34.5	NA	NA	NA	22.4	11.3	TL	Viperidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Viperidae	*Echis carinatus*	23.8	2.43	-0.48	Cathemeral	Carnivorous	Viviparous	7.5	NA	NA	NA	27.0	10.9	TL	Viperidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Viperidae	*Echis coloratus*	28.3	2.58	NA	Nocturnal	Carnivorous	Oviparous	7.0	0.8	33.4	48	20.5	10.4	TL	Viperidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Viperidae	*Echis leucogaster*	6.8	2.54	NA	Nocturnal	Carnivorous	Oviparous	NA	NA	NA	NA	17.7	10.6	TL	Viperidae	Captivity	TAUM	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Viperidae	*Echis pyramidum*	6.8	2.51	-0.07	Nocturnal	Carnivorous	Oviparous	12.0	NA	NA	NA	13.8	10.9	TL	Viperidae	Captivity	TAUM	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Viperidae	*Eristicophis macmahoni*	14.6	2.30	NA	Nocturnal	Carnivorous	Oviparous	9.0	NA	NA	NA	29.3	10.4	TL	Viperidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Viperidae	*Gloydius blomhoffii*	13.8	2.22	NA	Nocturnal	Carnivorous	Viviparous	7.5	NA	NA	NA	41.7	11.3	TL	Viperidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Viperidae	*Gloydius brevicaudus*	12.5	2.28	NA	Diurnal	Carnivorous	Viviparous	10.0	NA	NA	NA	32.1	11.4	TL	Viperidae	Captivity	Carey and Judge 2000	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Viperidae	*Gloydius halys*	5.2	2.35	NA	Cathemeral	Carnivorous	Viviparous	NA	NA	NA	NA	47.7	10.8	TL	Viperidae	Captivity	TAUM	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Viperidae	*Hypnale nepa*	7.3	1.52	NA	Nocturnal	Carnivorous	Viviparous	NA	NA	NA	NA	6.9	11.8	TL	Viperidae	Captivity	Carey and Judge 2000	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Viperidae	*Lachesis muta*	31.6	4.34	NA	Nocturnal	Carnivorous	Oviparous	8.5	1.0	NA	NA	4.9	11.9	TL	Viperidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Viperidae	*Lachesis stenophrys*	8.5	4.44	1.84	Nocturnal	Carnivorous	Oviparous	11.0	NA	NA	NA	9.9	11.6	TL	Viperidae	Captivity	Carey and Judge 2000	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Viperidae	*Macrovipera lebetina*	13.3	3.68	0.91	Cathemeral	Carnivorous	Oviparous	18.5	NA	NA	NA	35.4	10.8	TL	Viperidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Viperidae	*Macrovipera schweizeri*	11.3	2.80	0.91	Cathemeral	Carnivorous	Oviparous	9.0	NA	NA	NA	36.8	10.7	TL	Viperidae	Captivity	Carey and Judge 2000	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Viperidae	*Mixcoatlus melanurus*	17.1	2.02	0.71	Diurnal	Carnivorous	Viviparous	6.0	NA	NA	NA	17.9	11.6	TL	Viperidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Viperidae	*Montivipera bornmuelleri*	20.3	2.34	NA	Cathemeral	Carnivorous	Viviparous	10.0	NA	NA	NA	34.2	11.0	TL	Viperidae	Captivity	TAUM	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Viperidae	*Montivipera latifii*	4.3	2.42	0.65	Cathemeral	Carnivorous	Viviparous	6.3	NA	NA	NA	35.6	10.8	TL	Viperidae	Captivity	TAUM	Stumbel and Joger 2009
Serpentes	Alethinophidia	Viperidae	*Montivipera raddei*	7.5	2.84	0.68	Cathemeral	Carnivorous	Viviparous	6.5	NA	NA	NA	38.3	11.1	TL	Viperidae	Captivity	TAUM	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Viperidae	*Montivipera xanthina*	16.4	3.05	0.68	Cathemeral	Carnivorous	Viviparous	8.5	NA	NA	NA	38.5	11.2	TL	Viperidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Viperidae	*Ophryacus undulatus*	14.9	2.27	0.67	Diurnal	Carnivorous	Viviparous	9.5	NA	NA	NA	17.8	11.8	TL	Viperidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Viperidae	*Ovophis monticola*	3.9	3.00	0.62	Nocturnal	Carnivorous	Oviparous	11.5	NA	NA	NA	24.7	11.5	TL	Viperidae	Captivity	Carey and Judge 2000	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Viperidae	*Ovophis okinavensis*	19.0	2.72	NA	Nocturnal	Carnivorous	Oviparous	6.0	NA	13.9	NA	27.2	10.8	TL	Viperidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Viperidae	*Protobothrops elegans*	10.3	3.07	NA	Diurnal	Carnivorous	Oviparous	9.0	NA	NA	NA	24.4	10.7	TL	Viperidae	Captivity	Carey and Judge 2000	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Viperidae	*Protobothrops flavoviridis*	24.9	3.82	NA	Diurnal	Carnivorous	Viviparous	10.0	NA	NA	NA	27.2	10.8	TL	Viperidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Viperidae	*Pseudocerastes fieldi*	10.6	2.57	NA	Nocturnal	Carnivorous	Oviparous	16.0	1.0	NA	NA	31.0	10.5	TL	Viperidae	Captivity	TAUM	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Viperidae	*Pseudocerastes persicus*	17.1	2.81	NA	Nocturnal	Carnivorous	Oviparous	NA	NA	NA	NA	23.9	10.4	TL	Viperidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Viperidae	*Sistrurus catenatus*	20.0	2.75	0.93	Diurnal	Carnivorous	Viviparous	8.0	0.8	NA	NA	37.8	11.3	TL	Viperidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Viperidae	*Sistrurus miliarius*	16.1	2.44	0.54	Nocturnal	Carnivorous	Viviparous	6.7	0.8	NA	NA	32.5	11.5	TL	Viperidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Viperidae	*Trimeresurus albolabris*	11.4	2.72	0.38	Nocturnal	Carnivorous	Viviparous	12.0	NA	NA	NA	20.3	11.6	TL	Viperidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Viperidae	*Trimeresurus gramineus*	8.4	2.88	0.40	Nocturnal	Carnivorous	Viviparous	9.5	NA	NA	NA	15.4	11.4	TL	Viperidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Viperidae	*Trimeresurus popeiorum*	14.0	2.78	0.40	Nocturnal	Carnivorous	Viviparous	11.0	NA	NA	NA	21.8	11.7	TL	Viperidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Viperidae	*Trimeresurus purpureomaculatus*	8.9	2.78	NA	Nocturnal	Carnivorous	Viviparous	12.5	NA	NA	NA	6.7	11.6	TL	Viperidae	Captivity	Carey and Judge 2000	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Viperidae	*Trimeresurus trigonocephalus*	5.2	2.95	NA	Nocturnal	Carnivorous	Viviparous	15.5	NA	NA	NA	7.5	11.8	TL	Viperidae	Captivity	Carey and Judge 2000	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Viperidae	*Tropidolaemus wagleri*	5.8	2.61	0.32	Nocturnal	Carnivorous	Viviparous	28.0	NA	NA	NA	1.4	11.6	TL	Viperidae	Captivity	Carey and Judge 2000	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Viperidae	*Vipera ammodytes*	22.0	2.84	0.71	Cathemeral	Carnivorous	Viviparous	7.5	1.5	NA	NA	42.7	11.4	TL	Viperidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Viperidae	*Vipera aspis*	25.0	2.51	0.51	Cathemeral	Carnivorous	Viviparous	7.0	0.7	27.1	60.0	44.6	11.5	TL	Viperidae	Captivity	Castanet 1994	Pyron and Burbrink 2014

Serpentes	Alethinophidia	Viperidae	*Vipera berus*	19.0	2.36	0.51	Cathemeral	Carnivorous	Viviparous	8.8	0.5	NA	36.0	55.3	11.2	TL	Viperidae	Captivity	De Magalhaes and Cost	Pyron and Burbrink 2014
Serpentes	Alethinophidia	Viperidae	*Vipera latastei*	14.0	2.30	0.36	Cathemeral	Carnivorous	Viviparous	8.0	0.8	NA	NA	39.5	11.3	TL	Viperidae	Nature	Brito and Rebelo 2003	Pyron and Burbrink 2014
Serpentes	Scolecophidia	Typhlopidae	*Typhlops vermicularis*	6.2	1.60	NA	Nocturnal	Carnivorous	Oviparous	5.5	NA	34.1	NA	35.1	11.0	TL	Typhlopidae (Feldman, unpublished)	Captivity	TAUM	Pyron and Burbrink 2014

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OLS regression on log(10) transformed data

sub-order	Family	interecept	slope
lizards	Carphodactylidae	-3.445	2.353
lizards	Diplodactylidae	-4.804	3.057
lizards	Phyllodactylidae	-4.482	2.945
lizards	Tropiduridae *S. strictu*	-3.884	2.719
snakes	Colubridae	-5.548	2.539
snakes	Dipsadidae	-4.715	2.278
snakes	Natricidae	-7.456	3.303
snakes	Pythonidae	-5.216	2.652
snakes	Typhlopidae	-8.012	3.693

sexed sizes preferred to non-sexed to avoid sexual bias
when multiple sources exist, those which reports both SVL or TL and mass were preferred
when multiple sources exist, the one with the largest sample size per species was preferred - or the one less likely tc
SVL, Total length and mass means were preferred to range midpoints
All equations for snakes reffer to total length, all equations for lizards are based on SVLs

› contain juveniles

Family	*Species*	Sex	n	SVL (mm)	mass (g)	source	reference
Carphodactylidae	*Carphodactylus laevis*	unsexed	not reported	110.24	28.52	Vucko 2008	Vucko, M. J. 2008. The dynamics of water on the skin of Australian carphodactyline and diplodactyline geckos. MSc thesis, James Cook University.
Carphodactylidae	*Nephrurus asper*	unsexed	not reported	91.84	18.42	Vucko 2008	Vucko, M. J. 2008. The dynamics of water on the skin of Australian carphodactyline and diplodactyline geckos. MSc thesis, James Cook University.
Carphodactylidae	*Nephrurus laevissimus*	unsexed	not reported	59.79	4.06	Vucko 2008	Vucko, M. J. 2008. The dynamics of water on the skin of Australian carphodactyline and diplodactyline geckos. MSc thesis, James Cook University.
Carphodactylidae	*Nephrurus levis*	unsexed	not reported	68.75	8.76	Vucko 2008	Vucko, M. J. 2008. The dynamics of water on the skin of Australian carphodactyline and diplodactyline geckos. MSc thesis, James Cook University.
Carphodactylidae	*Nephrurus stellatus*		10 (mass), 4	74.4	13.1	Withers et al. 2000 (mass), How et al. 1	How, R. A., Schmitt, L. H. and Suyanto, A. Geographical variation in the morphology of four snake species from the Lesser Sunda Islands, eastern Indonesia. Biological Journal of the Linnean Society 59: 439-456.
Carphodactylidae	*Nephrurus vertebralis*	unsexed	not reported	67.6	8.38	Costa et al. 2008	Costa, G. C., Mesquita, D. O., Colli, G. R. and Vitt, L. J. 2008. Niche expansion and the niche variation hypothesis: does the degree of individual variation increase in depauperate assemblages? American Naturalist 172: 868-877.
Carphodactylidae	*Phyllurus amnicola*	unsexed	not reported	92	13.42	Vucko 2008	Vucko, M. J. 2008. The dynamics of water on the skin of Australian carphodactyline and diplodactyline geckos. MSc thesis, James Cook University.
Carphodactylidae	*Phyllurus championae*	female	1	68.7	6.2	Couper et al. 2000	Couper, P. J., Schneider, C. J., Hoskin, C. J. and Covacevich, J. A. 2000. Australian leaf-tailed geckos: phylogeny, a new genus, two new species and other new data. Memoirs of the Queensland Museum 45: 253-265.
Carphodactylidae	*Phyllurus nepthys*	unsexed	not reported	87.17	11.56	Vucko 2008	Vucko, M. J. 2008. The dynamics of water on the skin of Australian carphodactyline and diplodactyline geckos. MSc thesis, James Cook University.
Carphodactylidae	*Phyllurus ossa*	unsexed	not reported	77.29	8.36	Vucko 2008	Vucko, M. J. 2008. The dynamics of water on the skin of Australian carphodactyline and diplodactyline geckos. MSc thesis, James Cook University.
Carphodactylidae	*Phyllurus platurus*	female	67 (SVL)/ 8	86.2	14.3	Doughty and Shine 1995	Doughty, P. and Shine, R. 1995. Life in two dimensions: Natural history of the southern leaf-tailed gecko, Phyllurus platurus. Herpetologica 51: 193-201.
Carphodactylidae	*Saltuarius cornutus*	unsexed	not reported	134.27	28.52	Vucko 2008	Vucko, M. J. 2008. The dynamics of water on the skin of Australian carphodactyline and diplodactyline geckos. MSc thesis, James Cook University.
Carphodactylidae	*Underwoodisaurus milii*	male	38	73.7	8.8	Shah 2002	Shah, B. 2002. Why do thick-tailed geckos (Underwoodisaurus milii) aggregate? Honors thesis, University of Sydney.
Diplodactylidae	*Amalosia lesueurii*	unsexed	38	43.0	2.3	Schlesinger and Shine 1994	Schlesinger, C. A. and Shine, R. 1994. Selection of diurnal retreat sites by the nocturnal gekkonid lizard Oedura lesueurii. Herpetologica 50: 156-163.
Diplodactylidae	*Amalosia rhombifer*	unsexed	not reported	56.3	3.0	Vucko 2008	Vucko, M. J. 2008. The dynamics of water on the skin of Australian carphodactyline and diplodactyline geckos. MSc thesis, James Cook University.
Diplodactylidae	*Crenadactylus ocellatus*	female	1	35.0	0.8	Bush 1992	Bush, B. 1992. Some records of reproduction in captive lizards and snakes. Herpetofauna 22: 26-30.
Diplodactylidae	*Dactylocnemis pacificus*	male	21	81.0	18.5	Parrish and Gill 2003	Parrish, G. R. and Gill, B. J. 2003. Natural history of the lizards of the Three Kings Islands, New Zealand. New Zealand Journal of Zoology 30: 205-220.
Diplodactylidae	*Diplodactylus conspicillatus*	unsexed	not reported	53.8	3.2	Vucko 2008	Vucko, M. J. 2008. The dynamics of water on the skin of Australian carphodactyline and diplodactyline geckos. MSc thesis, James Cook University.
Diplodactylidae	*Diplodactylus granariensis*	unsexed	not reported	57.7	5.0	Vucko 2008	Vucko, M. J. 2008. The dynamics of water on the skin of Australian carphodactyline and diplodactyline geckos. MSc thesis, James Cook University.
Diplodactylidae	*Diplodactylus ornatus*	unsexed	mass: 2; SV	47.1	2.2	mass: Withers et al. 2000, SVL: Storr 1	Storr, G. M. 1979. The Diplodactylus vittatus complex. Records of the Western Australian Museum 7: 391-402.
Diplodactylidae	*Diplodactylus polyophthalmus*	unsexed	mass: 6; SV	47.0	3.1	mass: Withers et al. 2000, SVL: Boulen	Boulenger, G. A. 1885. Catalogue of the Lizards in the British Museum (Nat. Hist.) I. Geckonidae, Eublepharidae, Uroplatidae, Pygopodidae, Agamidae. Trustees of the British Museum, London.
Diplodactylidae	*Diplodactylus pulcher*	female	1	55.0	2.5	Bush 1992	Bush, B. 1992. Some records of reproduction in captive lizards and snakes. Herpetofauna 22: 26-30.
Diplodactylidae	*Diplodactylus tessellatus*	unsexed	not reported	47.3	2.2	Vucko 2008	Vucko, M. J. 2008. The dynamics of water on the skin of Australian carphodactyline and diplodactyline geckos. MSc thesis, James Cook University.
Diplodactylidae	*Hesperoedura reticulata*	unsexed	mass: 1; SV	60.7	2.7	mass: Withers et al. 2000, SVL: Werner	Werner, Y. L. and Seifan, T. 2006. Eye size in geckos: asymmetry, allometry, sexual dimorphism, and behavioral correlates. Journal of Morphology 267: 1486-1500.
Diplodactylidae	*Hoplodactylus duvaucelii*	unsexed	33	144.1	81.4	Whitaker 1968	Whitaker, A. H. 1968. The lizards of the Poor Knights Islands, New Zealand. New Zealand Journal of Science 11: 623-651.
Diplodactylidae	*Lucasium alboguttatum*	unsexed	mass: 11; S'	44.9	2.9	mass: Withers et al. 2000, SVL: Chapm	Chapman, A. and Dell, J. 1985. Biology and zoogeography of the amphibians and reptiles of the Western Australian wheatbelt. Records of the Western Australian Museum 12: 1-46.
Diplodactylidae	*Lucasium damaeum*	unsexed	not reported	57.3	2.5	Vucko 2008	Vucko, M. J. 2008. The dynamics of water on the skin of Australian carphodactyline and diplodactyline geckos. MSc thesis, James Cook University.
Diplodactylidae	*Lucasium immaculatum*	unsexed	not reported	51.7	2.7	Vucko 2008	Vucko, M. J. 2008. The dynamics of water on the skin of Australian carphodactyline and diplodactyline geckos. MSc thesis, James Cook University.
Diplodactylidae	*Lucasium squarrosum*	unsexed	mass: 27; S'	53.0	2.0	mass: Withers et al. 2000, SVL: Chapm	Chapman, A. and Dell, J. 1985. Biology and zoogeography of the amphibians and reptiles of the Western Australian wheatbelt. Records of the Western Australian Museum 12: 1-46.
Diplodactylidae	*Lucasium steindachneri*	unsexed	not reported	55.7	2.7	Vucko 2008	Vucko, M. J. 2008. The dynamics of water on the skin of Australian carphodactyline and diplodactyline geckos. MSc thesis, James Cook University.
Diplodactylidae	*Lucasium stenodactylum*	unsexed	not reported	46.8	2.3	Vucko 2008	Vucko, M. J. 2008. The dynamics of water on the skin of Australian carphodactyline and diplodactyline geckos. MSc thesis, James Cook University.
Diplodactylidae	*Mokopirirakau cryptozoicus*	unsexed	5	86.5	17.3	Jewell and Leschen 2004	Jewell, T. R. and Leschen, R. A. B. 2004. A new species of Hoplodactylus (Reptilia: Pygopodidae) from the Takitimu Mountains, South Island, New Zealand. Zootaxa 792: 1-11.
Diplodactylidae	*Naultinus manukanus*	female	9	75.0	8.5	Holmes 2004	Holmes, K. 2004. The female reproductive cycle of a viviparous skink, Oligosoma maccanni, in a subalpine environment
Diplodactylidae	*Oedura castelnaui*	unsexed	not reported	92.1	15.4	Vucko 2008	Vucko, M. J. 2008. The dynamics of water on the skin of Australian carphodactyline and diplodactyline geckos. MSc thesis, James Cook University.
Diplodactylidae	*Oedura coggeri*	unsexed	not reported	79.0	7.3	Vucko 2008	Vucko, M. J. 2008. The dynamics of water on the skin of Australian carphodactyline and diplodactyline geckos. MSc thesis, James Cook University.
Diplodactylidae	*Oedura marmorata*	unsexed	not reported	83.9	12.3	Vucko 2008	Vucko, M. J. 2008. The dynamics of water on the skin of Australian carphodactyline and diplodactyline geckos. MSc thesis, James Cook University.
Diplodactylidae	*Oedura monilis*	unsexed	not reported	98.1	16.0	Vucko 2008	Vucko, M. J. 2008. The dynamics of water on the skin of Australian carphodactyline and diplodactyline geckos. MSc thesis, James Cook University.
Diplodactylidae	*Oedura tryoni*	female	3 (mass)	80.0	11.0	mass: Bustard 1967, SVL: Dunham et a	Dunham, A. E., Miles, D. B. and Reznick, D. N. 1988. Life history patterns in squamate reptiles. Pages 441-522 in C. Gans and R. B. Huey, eds. Biology of the Reptilia. Vol. 16. Ecology B. Defense and life history. Liss, New York.
Diplodactylidae	*Pseudothecadactylus australis*	unsexed	not reported	95.0	24.0	Brown 2012	Brown, D. 2012. A guide to Australian dragons in captivity. Reptile Publications, Burleigh.
Diplodactylidae	*Rhynchoedura ornata*	unsexed	not reported	49.4	1.9	Vucko 2008	Vucko, M. J. 2008. The dynamics of water on the skin of Australian carphodactyline and diplodactyline geckos. MSc thesis, James Cook University.
Diplodactylidae	*Strophurus assimilis*	female	1	62.0	4.1	Bush 1992	Bush, B. 1992. Some records of reproduction in captive lizards and snakes. Herpetofauna 22: 26-30.
Diplodactylidae	*Strophurus ciliaris*	unsexed	mass: 8; SV	66.8	7.7	mass: Withers et al. 2000, SVL: Storr 1	Storr, G. M. 1988. The Diplodactylus ciliaris complex (Lacertilia: Gekkonidae) in Western Australia. Records of the Western Australian Museum, 14: 121-133.
Diplodactylidae	*Strophurus elderi*	unsexed	not reported	38.7	1.7	Costa et al. 2008	Costa, G. C., Mesquita, D. O., Colli, G. R. and Vitt, L. J. 2008. Niche expansion and the niche variation hypothesis: does the degree of individual variation increase in depauperate assemblages? American Naturalist 172: 868-877.
Diplodactylidae	*Strophurus intermedius*	unsexed	mass: 3; SV	61.4	6.7	mass: Warburg 1966, SVL: How et al. 1	Warburg, M. R. 1966. On the water economy of several Australian geckos, agamids, and skinks. Copeia, 1966: 230-235.
Diplodactylidae	*Strophurus krisalys*	unsexed	not reported	70.3	5.3	Vucko 2008	Vucko, M. J. 2008. The dynamics of water on the skin of Australian carphodactyline and diplodactyline geckos. MSc thesis, James Cook University.
Diplodactylidae	*Strophurus michaelseni*	unsexed	mass: 2; SV	51.9	2.3	mass: Withers et al. 2000, SVL: How et	How, R. A., Dell, J. and Wellington, B. D. 1986. Comparative biology of eight species of Diplodactylus gecko in western Australia. Herpetologica 42: 471-482.
Diplodactylidae	*Strophurus spinigerus*	unsexed	mass: 42; S'	78.3	4.8	mass: Withers et al. 2000, SVL: How et	How, R. A., Dell, J. and Wellington, B. D. 1986. Comparative biology of eight species of Diplodactylus gecko in western Australia. Herpetologica 42: 471-482.
Diplodactylidae	*Strophurus strophurus*	unsexed	mass: 34; S'	71.8	6.0	mass: Withers et al. 2000, SVL: How et	How, R. A., Dell, J. and Wellington, B. D. 1986. Comparative biology of eight species of Diplodactylus gecko in western Australia. Herpetologica 42: 471-482.
Diplodactylidae	*Strophurus taeniatus*	unsexed	not reported	43.6	1.2	Vucko 2008	Vucko, M. J. 2008. The dynamics of water on the skin of Australian carphodactyline and diplodactyline geckos. MSc thesis, James Cook University.
Diplodactylidae	*Strophurus williamsi*	unsexed	not reported	58.5	3.1	Vucko 2008	Vucko, M. J. 2008. The dynamics of water on the skin of Australian carphodactyline and diplodactyline geckos. MSc thesis, James Cook University.
Diplodactylidae	*Toropuku stephensi*	male	23	74.0	9.6	Hare 2005	Hare, K. M. 2005. The paradox of nocturnality in lizards. PhD Dissertation, Victoria University of Wellington.
Diplodactylidae	*Woodworthia maculatus*	female	not reported	74.0	10.2	Cree and Hare 2010	Cree, A. and Hare, K. M. 2010. Equal thermal opportunity does not result in equal gestation length in a cool-climate skink and gecko. Herpetological Conservation and Biology 5: 271-282.
Phyllodactylidae	*Asaccus montanus*	male	1	36.4	1.0	Gardner 1994	Gardner, A. S. 1994. A new species of Asaccus (Gekkonidae) from the mountains of northern Oman. Journal of Herpetology, 28: 141-145.
Phyllodactylidae	*Gymnodactylus darwinii*	unsexed	3	46.1	2.7	Almeida-Gomes et al. 2008	Almeida-Gomes, M., Vrcibradic, D., Siqueira, C. C., Kiefer, M. C., Klaion, T., Almeida-Santos, P., Nascimento, D., Ariani, C. V., Borges-Junior, V. N., Freitas-Filho, R. F., van Sluys, M. and Rocha, C. F. 2008. Herpetofauna of an Atlantic rainforest area (Morro Sao Joao) in Rio de Janeiro State, Brazil. Anais da Academia Brasileira de Ciencias, 80: 291-300.
Phyllodactylidae	*Gymnodactylus geckoides*	male	73	41.3	1.9	Vitt 1995	Vitt, L. J. 1995. The ecology of tropical lizards in the caatinga of northeast Brazil. Occasional Papers of the Oklahoma Museum of Natural History 1: 1-29.
Phyllodactylidae	*Haemodracon riebeckii*	male	2	131.5	59.8	Rosler and Wranik 2007	Rosler, H. and Wranik, W. 2007. Remarks on biology, keeping and breeding the Socotra Giant Gecko, Haemodracon riebeckii (Peters, 1882). Zoologische Garten 77: 59-83.
Phyllodactylidae	*Homonota darwinii*	unsexed	36	48.6	3.0	Weeks and Espinoza 2013	Weeks, D. M. and Espinoza, R. E. 2013. Lizards on ice: Comparative thermal tolerances of the world’s southernmost gecko. Journal of Thermal Biology 38: 225-232.
Phyllodactylidae	*Homonota gaudichaudii*	male	8 (mass)/10	31.1	0.8	Marquet et al. 1990	Marquet, P. A., Bozinovic, F., Medel, R. G., Werner, Y. L. and Jaksic, F. M. 1990. Ecology of Garthia gaudichaudi, a gecko endemic to the semiarid region of Chile. Journal of Herpetology, 24: 431-434.
Phyllodactylidae	*Phyllodactylus lanei*	male	5	60.6	6.6	Franco and de la Torre 1990	Franco, R. C. and de la Torre, G. G. 1990. Reptiles de la Isla La Pena, Nayarit, Mexico. Anales del Instituto de Biologia, Universidad Nacional Autonoma de Mexico, serie Zoologia 61: 175-187.
Phyllodactylidae	*Phyllopezus pollicaris*	male	30	75.2	10.5	Vitt 1995	Vitt, L. J. 1995. The ecology of tropical lizards in the caatinga of northeast Brazil. Occasional Papers of the Oklahoma Museum of Natural History 1: 1-29.
Phyllodactylidae	*Ptyodactylus guttatus*	male	8	72.7	12.1	Meiri, own measurements	Shai Meiri, own measurements
Phyllodactylidae	*Ptyodactylus hasselquistii*	male	3	87.7	10.7	TAUM	based on specimens in the Natural History Museum. Tel Aviv University
Phyllodactylidae	*Ptyodactylus oudrii*	unsexed	not reported	53.5	5.3	Mateo and Cuadrado 2012	Mateo, J. A. and Cuadrado, M. 2012. Communal nesting and parental care in Oudri's fan-footed gecko (Ptyodactylus oudrii): field and experimental evidence of an adaptive behavior. Journal of Herpetology, 46: 209-212.
Phyllodactylidae	*Ptyodactylus puiseuxi*	male	3	68.1	11.2	Meiri, own measurements	Shai Meiri, own measurements
Phyllodactylidae	*Tarentola annularis*	unsexed	4	72.5	8.1	TAUM	based on specimens in the Natural History Museum. Tel Aviv University
Phyllodactylidae	*Tarentola boettgeri*	unsexed	not reported	56.5	4.8	Brown 1996 (mass), Salvador and Brow	Salvador, A. and Brown, R. P. 2007. Perenquen de Boettger – Tarentola boettgeri Steindachner, 1891. Version: 29-05-2007. Enciclopedia virtual de los vertebrados Espanoles.
Phyllodactylidae	*Tarentola delalandii*	male	1	84.0	18.5	Salvador 2009	Salvador, A. 2009. Lagartija de las Pitiusas – Podarcis pityusensis (Bosca, 1883). Version 3-09-2009. Enciclopedia virtual de los vertebrados Espanoles.
Phyllodactylidae	*Tarentola mauritanica*	unsexed	4	65.8	7.5	TAUM	based on specimens in the Natural History Museum. Tel Aviv University
Phyllodactylidae	*Thecadactylus rapicauda*	unsexed	28	98.2	21.9	Vitt 2000	Vitt, L. J. 2000. Ecological consequences of body size in neonatal and small-bodied lizards in the neotropics. Herpetological Monographs 14: 388-400.

Tropiduridae	*Eurolophosaurus nanuzae*	female	58	47.8	4.4	Galdino and Van Sluys 2011	Galdino, C. A. B. and Van Sluys, M. 2011. Clutch size in the small-sized lizard Eurolophosaurus nanuzae: does it vary along the geographic distribution of the species? Iheringia, Serie Zoologia, 101: 61-64.
Tropiduridae	*Microlophus albemarlensis*	unsexed	1	88	20.2	Blob 2000	Blob, R. W. 2000. Interspecific scaling of the hindlimb skeleton in lizards, crocodilians, felids and canids: does limb bone shape correlate with limb posture? Journal of Zoology 250: 507-531.
Tropiduridae	*Microlophus occipitalis*	male	512	63	9.4	Watkins 1996	Watkins, G. G. 1996. Proximate causes of sexual size dimorphism in the iguanian lizard Microlophus occipitalis. Ecology, 77: 1473-1482.
Tropiduridae	*Microlophus quadrivittatus*	male	103	102.3	42	Goldberg and Rodriguez 1986	Goldberg, S. R. and Rodriguez, E. 1986. Reproductive cycles of two iguanid lizards from northern Chile, Tropidurus quadrivittatus and Tropidurus theresioides. Journal of Arid Environments 10: 147-151.
Tropiduridae	*Microlophus theresioides*	male	49	78.3	24.9	Goldberg and Rodriguez 1986	Goldberg, S. R. and Rodriguez, E. 1986. Reproductive cycles of two iguanid lizards from northern Chile, Tropidurus quadrivittatus and Tropidurus theresioides. Journal of Arid Environments 10: 147-151.
Tropiduridae	*Plica plica*	male	16	139.8	79.39	Vitt 1991	Vitt, L. J. 1991. Ecology and life history of the scansorial arboreal lizard Plica plica (Iguanidae) in Amazonian Brazil. Canadian Journal of Zoology 69: 504-511.
Tropiduridae	*Plica umbra*	male	22	86.8	17.2	Vitt et al. 1997	Vitt, L. J., Zani, P. A. and Avila-Pires, T. C. S. 1997. Ecology of the arboreal tropidurid lizard Tropidurus (=Plica) umbra in the Amazon region. Canadian Journal of Zoology 75: 1876-1882.
Tropiduridae	*Stenocercus caducus*	male	25	67.92	10.68	Avila et al. 2008	Avila, L. J., Morando, M. and Sites, J. W. 2008. New species of the iguanian lizard genus Liolaemus (Squamata, Iguania, Liolaemini) from central Patagonia, Argentina. Journal of Herpetology, 42: 186-196.
Tropiduridae	*Stenocercus roseiventris*	male	1	95	43	Duellman 2005	Duellman, W. E. 2005. Cusco Amazónico: The lives of amphibians and reptiles in an Amazonian rainforest. Cornell University Press, Ithaca.
Tropiduridae	*Strobilurus torquatus*	male	7	92.7	28.2	Rodrigues et al. 1989	Rodrigues, M. T., Yionenaga-Yassuda, Y. and Kasahara, S. 1989. Notes on the ecology and karyotypic description of Strobilurus torquatus (Sauria, Iguanidae). Brazilian Journal of Genetics 12: 747-759.
Tropiduridae	*Tropidurus etheridgei*	female	10	66.67	21.3	Cruz 1997	Cruz, F. B. 1997. Reproductive activity in Tropidurus etheridgei in the semiarid Chaco of Salta, Argentina. Journal of Herpetology 31: 444-450.
Tropiduridae	*Tropidurus hispidus*	unsexed	82	82.5	22.09	Vitt and Zani 1998	Vitt, L. J. and Zani, P. A. 1998. Ecological relationships among sympatric lizards in a transitional forest in the northern Amazon of Brazil. Journal of Tropical Ecology 14: 63–86.
Tropiduridae	*Tropidurus itambere*	male	110	61.94	9.25	Faria and Araujo 2004	Faria, R. G. and Araujo, A. F. B. 2004. Sintopy of two Tropidurus lizard species (Squamata: Tropiduridae) in a rocky cerrado habitat in central Brazil. Brazilian Journal of Biology 4: 775-786.
Tropiduridae	*Tropidurus montanus*	unsexed	65	44.9	4.32	Vitt 1991	Vitt, L. J. 1991. An introduction to the ecology of cerrado lizards. Journal of Herpetology, 25: 79-90.
Tropiduridae	*Tropidurus oreadicus*	male	83	76.07	15.82	Faria and Araujo 2004	Faria, R. G. and Araujo, A. F. B. 2004. Sintopy of two Tropidurus lizard species (Squamata: Tropiduridae) in a rocky cerrado habitat in central Brazil. Brazilian Journal of Biology 4: 775-786.
Tropiduridae	*Tropidurus psammonastes*	unsexed	not reported	75.65	15	Lima and da Rocha 2006	Lima, A. F. B. and da Rocha, P. L. B. 2006. Ontogenetic change in plant consumption by Tropidurus psammonastes, Rodrigues, Kasahara & Yonenaga-Yassuda, 1988 (Tropiduridae), a lizard endemic to the dunes of the São Francisco River, Bahia, Brazil. Revista Brasileira de Zoociencias 8: 67-75.
Tropiduridae	*Tropidurus semitaeniatus*	male	185	82.5	16.5	Vitt 1995	Vitt, L. J. 1995. The ecology of tropical lizards in the caatinga of northeast Brazil. Occasional Papers of the Oklahoma Museum of Natural History 1: 1-29.
Tropiduridae	*Tropidurus spinulosus*	unsexed	not reported	83.15	15.4	Costa et al. 2008	Costa, G. C., Vitt, L. G., Pianka, E. R., Mesquita, D. O. and Colli, G. R. 2008. Optimal foraging constrains macroecological patterns: body size and dietary niche breadth in lizards. Global Ecology and Biogeography 17: 670-677.
Tropiduridae	*Tropidurus torquatus*	male	283	100	47.9	Vitt and Goldberg 1983	Vitt, L. J. and Goldberg, S. R. 1983. Reproductive ecology of two tropical iguanid lizards: Tropidurus torquatus and Platynotus semitaeniatus. Copeia, 1983: 131-141.
Tropiduridae	*Uracentron flaviceps*	male	11	107.27	38.84	Vitt and Zani 1996	Vitt, L. J. and Zani, P. A. 1996. Ecology of the elusive tropical lizard tropidurus [=Uracentron] flaviceps (Tropiduridae) in lowland rain forest of Ecuador. Herpetologica, 52: 121-132.
Tropiduridae	*Uranoscodon superciliosus*	unsexed	18	100.7	47.4	Vitt and Zani 1998	Vitt, L. J. and Zani, P. A. 1998. Ecological relationships among sympatric lizards in a transitional forest in the northern Amazon of Brazil. Journal of Tropical Ecology 14: 63–86.

Family	*Species*						2nd reference & remarks
Carphodactylidae	*Carphodactylus laevis*						
Carphodactylidae	*Nephrurus asper*						
Carphodactylidae	*Nephrurus laevissimus*						
Carphodactylidae	*Nephrurus levis*						
Carphodactylidae	*Nephrurus stellatus*						Withers, P. C., Aplin, K. P. and Werner, Y. L. 2000. Metabolism and evaporative water loss of Western Australian geckos (Reptilia: Sauria: Gekkonomorpha). Australian Journal of Zoology 48: 111-126.
Carphodactylidae	*Nephrurus vertebralis*						
Carphodactylidae	*Phyllurus amnicola*						
Carphodactylidae	*Phyllurus championae*						
Carphodactylidae	*Phyllurus nepthys*						
Carphodactylidae	*Phyllurus ossa*						
Carphodactylidae	*Phyllurus platurus*						
Carphodactylidae	*Saltuarius cornutus*						
Carphodactylidae	*Underwoodisaurus milii*						
Diplodactylidae	*Amalosia lesueurii*						
Diplodactylidae	*Amalosia rhombifer*						
Diplodactylidae	*Crenadactylus ocellatus*						
Diplodactylidae	*Dactylocnemis pacificus*						
Diplodactylidae	*Diplodactylus conspicillatus*						
Diplodactylidae	*Diplodactylus granariensis*						
Diplodactylidae	*Diplodactylus ornatus*						Withers, P. C., Aplin, K. P. and Werner, Y. L. 2000. Metabolism and evaporative water loss of Western Australian geckos (Reptilia: Sauria: Gekkonomorpha). Australian Journal of Zoology 48: 111-126.
Diplodactylidae	*Diplodactylus polyophthalmus*						Withers, P. C., Aplin, K. P. and Werner, Y. L. 2000. Metabolism and evaporative water loss of Western Australian geckos (Reptilia: Sauria: Gekkonomorpha). Australian Journal of Zoology 48: 111-126.
Diplodactylidae	*Diplodactylus pulcher*						
Diplodactylidae	*Diplodactylus tessellatus*						
Diplodactylidae	*Hesperoedura reticulata*						Withers, P. C., Aplin, K. P. and Werner, Y. L. 2000. Metabolism and evaporative water loss of Western Australian geckos (Reptilia: Sauria: Gekkonomorpha). Australian Journal of Zoology 48: 111-126.
Diplodactylidae	*Hoplodactylus duvaucelii*						
Diplodactylidae	*Lucasium alboguttatum*						Withers, P. C., Aplin, K. P. and Werner, Y. L. 2000. Metabolism and evaporative water loss of Western Australian geckos (Reptilia: Sauria: Gekkonomorpha). Australian Journal of Zoology 48: 111-126.
Diplodactylidae	*Lucasium damaeum*						
Diplodactylidae	*Lucasium immaculatum*						
Diplodactylidae	*Lucasium squarrosum*						Withers, P. C., Aplin, K. P. and Werner, Y. L. 2000. Metabolism and evaporative water loss of Western Australian geckos (Reptilia: Sauria: Gekkonomorpha). Australian Journal of Zoology 48: 111-126.
Diplodactylidae	*Lucasium steindachneri*						
Diplodactylidae	*Lucasium stenodactylum*						
Diplodactylidae	*Mokopirirakau cryptozoicus*						
Diplodactylidae	*Naultinus manukanus*						weights and lengths estimated from Figure 3.2 in Holmes 2004
Diplodactylidae	*Oedura castelnaui*						
Diplodactylidae	*Oedura coggeri*						
Diplodactylidae	*Oedura marmorata*						
Diplodactylidae	*Oedura monilis*						
Diplodactylidae	*Oedura tryoni*						Bustard, H. R. 1967. Reproduction in the Australian gekkonid genus Oedura Gray 1842. Herpetologica, 23: 276-284.
Diplodactylidae	*Pseudothecadactylus australis*						
Diplodactylidae	*Rhynchoedura ornata*						
Diplodactylidae	*Strophurus assimilis*						
Diplodactylidae	*Strophurus ciliaris*						Withers, P. C., Aplin, K. P. and Werner, Y. L. 2000. Metabolism and evaporative water loss of Western Australian geckos (Reptilia: Sauria: Gekkonomorpha). Australian Journal of Zoology 48: 111-126.
Diplodactylidae	*Strophurus elderi*						
Diplodactylidae	*Strophurus intermedius*						How, R. A., Dell, J. and Wellington, B. D. 1986. Comparative biology of eight species of Diplodactylus gecko in western Australia. Herpetologica 42: 471-482.
Diplodactylidae	*Strophurus krisalys*						
Diplodactylidae	*Strophurus michaelseni*						Withers, P. C., Aplin, K. P. and Werner, Y. L. 2000. Metabolism and evaporative water loss of Western Australian geckos (Reptilia: Sauria: Gekkonomorpha). Australian Journal of Zoology 48: 111-126.
Diplodactylidae	*Strophurus spinigerus*						Withers, P. C., Aplin, K. P. and Werner, Y. L. 2000. Metabolism and evaporative water loss of Western Australian geckos (Reptilia: Sauria: Gekkonomorpha). Australian Journal of Zoology 48: 111-126.
Diplodactylidae	*Strophurus strophurus*						Withers, P. C., Aplin, K. P. and Werner, Y. L. 2000. Metabolism and evaporative water loss of Western Australian geckos (Reptilia: Sauria: Gekkonomorpha). Australian Journal of Zoology 48: 111-126.
Diplodactylidae	*Strophurus taeniatus*						
Diplodactylidae	*Strophurus williamsi*						
Diplodactylidae	*Toropuku stephensi*						
Diplodactylidae	*Woodworthia maculatus*						
Phyllodactylidae	*Asaccus montanus*						
Phyllodactylidae	*Gymnodactylus darwinii*						
Phyllodactylidae	*Gymnodactylus geckoides*						
Phyllodactylidae	*Haemodracon riebeckii*						
Phyllodactylidae	*Homonota darwinii*						
Phyllodactylidae	*Homonota gaudichaudii*						
Phyllodactylidae	*Phyllodactylus lanei*						
Phyllodactylidae	*Phyllopezus pollicaris*						
Phyllodactylidae	*Ptyodactylus guttatus*						
Phyllodactylidae	*Ptyodactylus hasselquistii*						
Phyllodactylidae	*Ptyodactylus oudrii*						
Phyllodactylidae	*Ptyodactylus puiseuxi*						
Phyllodactylidae	*Tarentola annularis*						
Phyllodactylidae	*Tarentola boettgeri*						Brown, R. P. 1996. Thermal biology of the gecko Tarentola boettgeri: comparisons among populations from different elevations within Gran Canaria. Herpetologica, 52: 396-405.
Phyllodactylidae	*Tarentola delalandii*						
Phyllodactylidae	*Tarentola mauritanica*						
Phyllodactylidae	*Thecadactylus rapicauda*						

Tropiduridae	*Eurolophosaurus nanuzae*
Tropiduridae	*Microlophus albemarlensis*
Tropiduridae	*Microlophus occipitalis*
Tropiduridae	*Microlophus quadrivittatus*
Tropiduridae	*Microlophus theresioides*
Tropiduridae	*Plica plica*
Tropiduridae	*Plica umbra*
Tropiduridae	*Stenocercus caducus*
Tropiduridae	*Stenocercus roseiventris*
Tropiduridae	*Strobilurus torquatus*
Tropiduridae	*Tropidurus etheridgei*
Tropiduridae	*Tropidurus hispidus*
Tropiduridae	*Tropidurus itambere*
Tropiduridae	*Tropidurus montanus*
Tropiduridae	*Tropidurus oreadicus*
Tropiduridae	*Tropidurus psammonastes*
Tropiduridae	*Tropidurus semitaeniatus*
Tropiduridae	*Tropidurus spinulosus*
Tropiduridae	*Tropidurus torquatus*
Tropiduridae	*Uracentron flaviceps*
Tropiduridae	*Uranoscodon superciliosus*

Family	Species	TL (mm)	mass (g)	source
Colubridae	Boiga ceylonensis	460.00	5.90	TAUM
Colubridae	Coluber sinai	543.75	19.13	TAUM
Colubridae	Crotaphopeltis hotamboeia	448.00	13.80	TAUM
Colubridae	Dispholidus typus	1156.00	153.00	TAUM
Colubridae	Eirenis coronella	261.50	6.10	TAUM
Colubridae	Eirenis coronelloides	254.00	4.30	TAUM
Colubridae	Eirenis decemlineatus	666.67	29.37	TAUM
Colubridae	Eirenis modestus	454.25	15.48	TAUM
Colubridae	Eirenis rothii	219.00	1.60	TAUM
Colubridae	Elaphe quatuorlineata	1600.00	400.00	TAUM
Colubridae	Lytorhynchus diadema	412.00	12.80	TAUM
Colubridae	Macroprotodon cucullatus	433.67	16.57	TAUM
Colubridae	Pantherophis alleghaniensis	1467.00	246.00	TAUM
Colubridae	Phyllorhynchus decurtatus	510.00	22.60	TAUM
Colubridae	Platyceps florulentus	377.67	11.50	TAUM
Colubridae	Platyceps rhodorachis	1099.33	56.57	TAUM
Colubridae	Rhynchocalamus melanocephalus	420.00	10.00	TAUM
Colubridae	Telescopus dhara	853.00	81.96	TAUM
Colubridae	Telescopus fallax	567.88	33.23	TAUM
Colubridae	Telescopus hoogstraali	779.83	74.60	TAUM
Colubridae	Telescopus semiannulatus	490.00	9.50	TAUM
Colubridae	Thelotornis kirtlandii	1369.00	69.00	TAUM
Colubridae	Zamenis longissimus	795.00	199.33	TAUM
Colubridae	Dolichophis jugularis	1698.30	691.91	TAUM, Feldman, own measurment
Colubridae	Elaphe sauromates	1612.29	993.21	TAUM, Feldman, own measurment
Colubridae	Hemorrhois nummifer	1073.00	230.28	TAUM, Feldman, own measurment
Colubridae	Platyceps collaris	985.31	63.60	TAUM, Feldman, own measurment
Colubridae	Spalerosophis diadema	1042.77	211.17	TAUM, Feldman, own measurment
Colubridae	Hierophis viridiflavus	1153.33	172.33	Capula et al. 1995, Zuffi et al. 2010
Colubridae	Lampropeltis nigra	745.33	152.50	Faust & Blomquist 2011
Colubridae	Chironius exoletus	1276.00	147.00	Franca et al. 2008
Colubridae	Chironius flavolineatus	1116.00	89.00	Franca et al. 2008
Colubridae	Chironius quadricarinatus	959.00	58.00	Franca et al. 2008
Colubridae	Drymarchon corais	1553.00	829.00	Franca et al. 2008
Colubridae	Drymoluber brazili	622.00	86.00	Franca et al. 2008
Colubridae	Mastigodryas bifossatus	1410.00	523.00	Franca et al. 2008
Colubridae	Simophis rhinostoma	565.00	32.00	Franca et al. 2008
Colubridae	Tantilla melanocephala	301.00	7.00	Franca et al. 2008
Colubridae	Coronella austriaca	495.00	50.00	Luiselli et al. 1996, Zuffi et al. 2010
Colubridae	Boiga cynodon	2350.00	417.35	Quinn & Neitman 1978
Colubridae	Pantherophis spiloides	1348.00	322.80	Schumacher et al. 1997
Colubridae	Tantilla coronata	231.83	2.53	Semlitsch et al. 1981, Todd et al. 2008
Colubridae	Ahaetulla prasina	1380.00	78.20	Seymor 1987
Colubridae	Arizona elegans	1070.00	161.00	Seymor 1987
Colubridae	Boiga dendrophila	1260.00	182.00	Seymor 1987
Colubridae	Boiga irregularis	1320.00	402.00	Seymor 1987
Colubridae	Chrysopelea ornata	1050.00	145.00	Seymor 1987
Colubridae	Coelognathus radiatus	740.00	50.50	Seymor 1987
Colubridae	Coluber constrictor	1160.00	182.00	Seymor 1987
Colubridae	Coluber flagellum	1810.00	475.00	Seymor 1987
Colubridae	Dendrelaphis calligastra	1030.00	83.70	Seymor 1987
Colubridae	Dendrelaphis caudolineatus	937.50	54.00	Seymor 1987
Colubridae	Dendrelaphis punctulatus	1185.00	130.25	Seymor 1987
Colubridae	Lampropeltis getula	1120.00	258.00	Seymor 1987
Colubridae	Pantherophis obsoletus	1380.00	510.00	Seymor 1987
Colubridae	Pituophis melanoleucus	1620.00	747.00	Seymor 1987
Colubridae	Ptyas korros	930.00	201.00	Seymor 1987
Colubridae	Thelotornis capensis	1109.50	78.80	Shine et al. 1996a
Colubridae	Drymarchon couperi	1725.50	1759.00	Stevenson et al. 2003
Colubridae	Chironius fuscus	1080.00	70.00	Tiffany Doan (pc)

Colubridae	Chironius multiventris	2496.00	650.00	Tiffany Doan (pc)
Colubridae	Chironius scurrulus	1720.00	750.00	Tiffany Doan (pc)
Colubridae	Dendrophidion dendrophis	742.00	20.25	Tiffany Doan (pc)
Colubridae	Drymobius rhombifer	701.50	55.25	Tiffany Doan (pc)
Colubridae	Drymoluber dichrous	979.67	119.33	Tiffany Doan (pc)
Colubridae	Rhinobothryum lentiginosum	1155.00	89.50	Tiffany Doan (pc)
Colubridae	Oxybelis aeneus	1332.00	57.50	Vitt & Valdinger 1983
Colubridae	Spilotes pullatus	1803.50	552.50	Vitt & Valdinger 1983
Colubridae	Leptophis ahaetulla	1144.67	68.33	Vitt & Valdinger 1983, Tiffany Doan (pc)
Colubridae	Pantherophis guttatus	1453.33	695.33	Feldman, own measurment
Colubridae	Coronella girondica	650.00	55.00	Zuffi et al. 2010
Colubridae	Hemorrhois hippocrepis	1100.00	220.00	Zuffi et al. 2010
Colubridae	Rhinechis scalaris	1500.00	500.00	Zuffi et al. 2010
Colubridae	Zamenis lineatus	930.00	190.00	Zuffi et al. 2010
Colubridae	Hierophis andreanus	500.00	17.20	Behzad Fathinia (pc)
Colubridae	Platyceps elegantissimus	604.42	21.72	TAUM
Colubridae	Lycodon rufozonatus	780.00	160.90	Dieckmann et al. 2010
Colubridae	Platyceps karelini	726.47	35.87	TAUM
Dipsadidae	Philodryas nattereri	1066.50	170.50	TAUM
Dipsadidae	Clelia clelia	2040.67	2050.00	Barun et al. 2007
Dipsadidae	Phalotris nasutus	576.00	58.00	Braz et al. 2009
Dipsadidae	Apostolepis ammodites	259.00	2.00	Franca et al. 2008
Dipsadidae	Apostolepis assimilis	251.00	4.00	Franca et al. 2008
Dipsadidae	Apostolepis flavotorquata	502.00	20.00	Franca et al. 2008
Dipsadidae	Atractus badius	306.86	8.32	Franca et al. 2008
Dipsadidae	Atractus snethlageae	321.00	7.75	Franca et al. 2008
Dipsadidae	Diadophis punctatus	535.13	17.19	Franca et al. 2008
Dipsadidae	Gomesophis brasiliensis	359.00	23.00	Franca et al. 2008
Dipsadidae	Helicops angulatus	426.25	39.38	Franca et al. 2008
Dipsadidae	Helicops modestus	378.00	35.00	Franca et al. 2008
Dipsadidae	Imantodes cenchoa	954.21	16.41	Franca et al. 2008
Dipsadidae	Lygophis paucidens	496.00	20.00	Franca et al. 2008
Dipsadidae	Mussurana quimi	622.00	89.00	Franca et al. 2008
Dipsadidae	Ninia hudsoni	389.50	14.63	Franca et al. 2008
Dipsadidae	Oxyrhopus petolarius	809.83	34.05	Franca et al. 2008
Dipsadidae	Oxyrhopus trigeminus	563.33	41.33	Franca et al. 2008
Dipsadidae	Philodryas chamissonis	955.00	145.30	Franca et al. 2008
Dipsadidae	Philodryas psammophidea	610.00	50.00	Franca et al. 2008
Dipsadidae	Phimophis guerini	607.00	87.00	Franca et al. 2008
Dipsadidae	Pseudoboa coronata	743.80	62.80	Franca et al. 2008
Dipsadidae	Sibynomorphus mikanii	332.00	12.00	Franca et al. 2008
Dipsadidae	Tachymenis peruviana	427.50	29.25	Franca et al. 2008
Dipsadidae	Xenodon merremi	718.33	201.77	Franca et al. 2008
Dipsadidae	Xenopholis scalaris	302.61	8.78	Franca et al. 2008
Dipsadidae	Alsophis antiguae	990.00	760.00	Franca et al. 2008
Dipsadidae	Dipsas catesbyi	532.21	11.29	Parker & Brown 1974, Seymor 1987
Dipsadidae	Atractus major	456.00	23.28	Tiffany Doan (pc)
Dipsadidae	Atractus pantostictus	300.00	15.00	Tiffany Doan (pc)
Dipsadidae	Boiruna maculata	1517.00	823.50	Tiffany Doan (pc)
Dipsadidae	Clelia plumbea	1716.00	600.00	Tiffany Doan (pc)
Dipsadidae	Dipsas indica	412.00	4.50	Tiffany Doan (pc)
Dipsadidae	Dipsas variegata	921.50	46.75	Tiffany Doan (pc)
Dipsadidae	Drepanoides anomalus	569.17	28.58	Tiffany Doan (pc)
Dipsadidae	Erythrolamprus aesculapii	485.00	40.00	Tiffany Doan (pc)
Dipsadidae	Helicops leopardinus	360.00	24.00	Tiffany Doan (pc)
Dipsadidae	Imantodes lentiferus	913.57	14.54	Tiffany Doan (pc)
Dipsadidae	Leptodeira annulata	654.33	29.92	Tiffany Doan (pc)
Dipsadidae	Lygophis meridionalis	611.00	26.00	Tiffany Doan (pc)
Dipsadidae	Oxyrhopus formosus	741.00	51.20	Tiffany Doan (pc)
Dipsadidae	Oxyrhopus guibei	556.00	43.00	Tiffany Doan (pc)
Dipsadidae	Oxyrhopus rhombifer	389.00	21.00	Tiffany Doan (pc)

Dipsadidae	Pseudoboa nigra	809.50	134.00	Tiffany Doan (pc)
Dipsadidae	Thamnodynastes hypoconia	407.00	20.40	Tiffany Doan (pc)
Dipsadidae	Xenopholis undulatus	316.00	10.00	Tiffany Doan (pc)
Dipsadidae	Borikenophis portoricensis	816.90	64.00	Vitt & Valdinger 1983
Dipsadidae	Philodryas olfersii	947.50	91.50	Vitt & Valdinger 1983
Dipsadidae	Philodryas patagoniensis	929.00	168.00	Vitt & Valdinger 1983
Dipsadidae	Rhachidelus brazili	999.00	561.00	Vitt & Valdinger 1983
Dipsadidae	Thamnodynastes rutilus	384.00	21.00	Vitt & Valdinger 1983
Dipsadidae	Phalotris lativittatus	764.00	62.00	Vitt & Valdinger 1983, Franca et al. 2008
Dipsadidae	Thamnodynastes pallidus	800.00	53.00	Vitt & Valdinger 1983, Franca et al. 2008
Dipsadidae	Xenodon nattereri	289.00	14.00	Vitt 1983, Franca et al. 2008
Dipsadidae	Apostolepis albicollaris	297.00	4.00	Franca et al. 2008
Dipsadidae	Erythrolamprus ornatus	740.00	67.00	http://www.arkive.org/saint-lucia-racer/liophis-ornatus/
Dipsadidae	Tachymenis chilensis	373.02	22.40	Greene & Jaksic 1992
Dipsadidae	Thamnodynastes longicaudus	574.00	15.00	Framco et al 2003
Dipsadidae	Erythrolamprus almadensis	375.00	14.00	Franca et al. 2008
Dipsadidae	Lygophis lineatus	550.50	26.50	Vitt 1983
Dipsadidae	Erythrolamprus maryellenae	399.00	23.00	Franca et al. 2008
Dipsadidae	Erythrolamprus mossoroensis	537.35	50.75	Vitt 1983
Dipsadidae	Erythrolamprus poecilogyrus	453.00	40.10	Vitt 1983
Dipsadidae	Erythrolamprus reginae	570.83	35.96	Tiffany Doan (pc)
Dipsadidae	Erythrolamprus typhlus	720.00	47.00	Moon & Candy 1997, Tiffany Doan
Dipsadidae	Erythrolamprus viridis	456.00	20.75	Vitt 1983
Dipsadidae	Philodryas aestiva	718.00	47.00	Franca et al. 2008
Dipsadidae	Philodryas agassizii	346.00	16.00	Franca et al. 2008
Dipsadidae	Philodryas argenteus	1105.00	25.00	Tiffany Doan (pc)
Natricidae	Natrix maura	615.00	44.40	TAUM
Natricidae	Natrix natrix	400.00	13.00	TAUM
Natricidae	Natrix tessellata	677.45	79.53	TAUM, Feldman, own measurment
Natricidae	Amphiesma metusia	885.00	134.00	Inger et al. 1990
Natricidae	Amphiesma sauteri	414.25	14.00	Inger et al. 1990
Natricidae	Rhabdophis nuchalis	517.80	32.50	Inger et al. 1990
Natricidae	Xenochrophis flavipunctatus	898.56	250.70	Karns et al. 2010
Natricidae	Thamnophis radix	552.75	50.96	King et al. 1999
Natricidae	Thamnophis sirtalis	630.85	73.04	King et al. 1999
Natricidae	Nerodia sipedon	786.23	174.00	King et al. 1999, Weathrhead et al. 1995
Natricidae	Nerodia taxispilota	798.00	228.00	Seymor 1987
Natricidae	Amphiesma concelarum	823.00	71.40	Ota & Iwanaga 1997
Natricidae	Trachischium guentheri	325.50	10.41	Chetri et al. 2009
Pythonidae	Malayopython reticulatus	3522.53	11769.35	Shine et al. 1998
Pythonidae	Morelia viridis	1210.00	563.20	TAUM
Pythonidae	Python sebae	3735.00	13250.00	TAUM
Pythonidae	Python regius	1216.00	1378.05	Gorzula et al. 1997, Aubert et al. 2005, Feldman, own measurment
Pythonidae	Morelia spilota	1683.77	1924.38	Pearson et al. 2002, Seymor 1987
Pythonidae	Antaresia perthensis	769.00	339.00	Seymor 1987
Pythonidae	Aspidites melanocephalus	1310.00	1362.00	Seymor 1987
Pythonidae	Aspidites ramsayi	1950.00	3900.00	Seymor 1987
Pythonidae	Liasis fuscus	1490.00	953.00	Seymor 1987
Pythonidae	Liasis olivaceus	2400.00	3305.00	Seymor 1987
Pythonidae	Antaresia maculosa	1259.00	530.00	Trembath 2008
Pythonidae	Python bivittatus	3220.00	21750.00	Van Mierop & Barnard 1976
Pythonidae	Python kyaiktiyo	1518.00	3600.00	Zug et al. 2011
Pythonidae	Python natalensis	2804.17	13800.00	Alexander 2007
Typhlopidae	Anilios bituberculatus	245.00	3.40	Dale Nimmo (pc)
Typhlopidae	Anilios australis	328.00	48.00	Seymor 1987
Typhlopidae	Xerotyphlops vermicularis	191.53	2.23	TAUM
Typhlopidae	Anilios torresianus	510.00	43.30	Seymor 1987
Typhlopidae	Anilios bicolor	222.61	8.97	Dale Nimmo (pc)
Typhlopidae	Amerotyphlops reticulatus	266.81	17.26	Alessandro Costa Menks (pc)
Typhlopidae	Amerotyphlops minuisquamus	272.60	16.50	Marinus Hoogmoed (pc)
Typhlopidae	Letheobia simonii	201.11	0.95	TAUM

source	reference
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