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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.

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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

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.

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.

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).

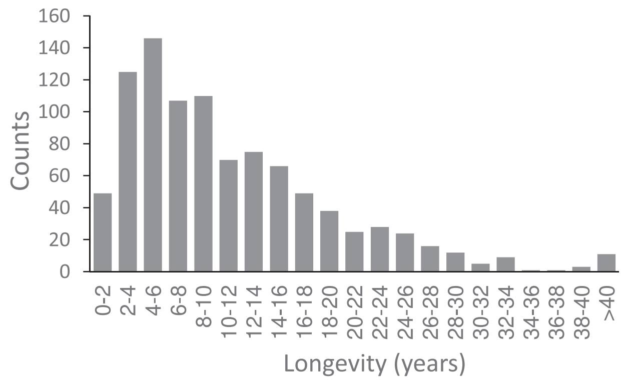

Figure 1 Frequency distribution of the maximum longevity of the 1014 species in the dataset.

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.

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REFERENCES

Andrews, R. & Rand, A.S. (1974) Reproductive effort in anoline lizards. *Ecology*, **55**, 1317–1327.

Arribas, O.J. (2004) Characteristics of the reproductive biology of *Iberolacerta aurelioi* (Arribas, 1994). *Herpetozoa*, **17**, 3–18.

Arribas, O.J. & Galan, P. (2005) Reproductive characteristics of the Pyrenean high-mountain lizards: *Iberolacerta aranica* (Arribas, 1993), *I. aurelioi* (Arribas, 1994) and *I. bonnali* (Lantz, 1927). *Animal Biology*, **55**, 163–190.

Austad, S.N. & Fischer, K.E. (1991) Mammalian aging, metabolism, and ecology: evidence from the bats and marsupials. *Journal of Gerontology*, **46**, B47–B53.

Barja, G. (2004) Free radicals and aging. *Trends in Neuroscience*, **27**, 595–600.

Bauwens, D. & Díaz-Uriarte, R. (1997) Covariation of life-history traits in lacertid lizards: a comparative study. *The American Naturalist*, **149**, 91–111.

Bielby, J., Mace, G.M., Bininda-Emonds, O.R.P., Cardillo, M., Gittelman, J.L., Jones, K.E., Orme, C.D.L. & Purvis, A. (2007) The fast–slow continuum in mammalian life history: an empirical reevaluation. *The American Naturalist*, **169**, 748–757.

Blouin-Demers, G., Prior, K.A. & Weatherhead, P.J. (2002) Comparative demography of black rat snakes (*Elaphe obsoleta*) in Ontario and Maryland. *Journal of Zoology*, **256**, 1–10.

Bringsøe, H. (1998) Observations on growth and longevity in *Uromastyx aegyptia* (Forsskal, 1775) in the Negev Desert, southern Israel (Reptilia: Sauria: Agamidae). *Faunistische Abhandlungen, Staatliches Museum für Tierkunde, Dresden*, **21**, 19–21.

Bronikowski, A.M. (2008) The evolution of aging phenotypes in snakes: a review and synthesis with new data. *Age*, **30**, 169–176.

Brown, D. (2012) *A guide to Australian dragons in captivity*. Reptile Publications, Burleigh, Qld.

Brown, J.H. (1995) *Macroecology*. University of Chicago Press, Chicago, IL.

Buttemer, W.A., Abele, D. & Costantini, D. (2010) From bivalves to birds: oxidative stress and longevity. *Functional Ecology*, **24**, 971–983.

Carey, J.R. & Judge, D.S. (2000) *Longevity records: life spans of mammals, birds, amphibians, reptiles and fish*. Odense University Press, Odense.

Conti, B. (2008) Considerations on temperature, longevity and aging. *Cellular and Molecular Life Sciences*, **65**, 1626–1630.

Ebert, T.A. (2008) Longevity and lack of senescence in the red sea urchin *Strongylocentrotus franciscanus*. *Experimental Gerontology*, **43**, 734–738.

ESRI (Environmental Systems Resource Institute) (2013) *ArcGIS 10.2*. ESRI, Redlands, CA.

Feldman, A. & Meiri, S. (2013) Length–mass allometry in snakes. *Biological Journal of the Linnean Society*, **108**, 161–172.

Fisher, D.O., Owens, I.P.F. & Johnson, C.N. (2001) The ecological basis of life history variation in marsupials. *Ecology*, **82**, 3531–3540.

Flatt, T. (2011) Survival costs of reproduction in *Drosophila*. *Experimental Gerontology*, **46**, 369–375.

Gotthard, K., Nylin, S. & Wiklund, C. (1999) Seasonal plasticity in two satyrine butterflies: state-dependent decision making in relation to daylength. *Oikos*, **84**, 453–462.

Healy, K., Guillerme, T., Finlay, S., Kane, A., Kelly, S.B.A., McClean, D., Kelly, D.J., Donohue, I., Jackson, A.L. & Cooper, N. (2014) Ecology and mode-of-life explain lifespan variation in birds and mammals. *Proceedings of the Royal Society B: Biological Sciences*, **281**, 20140298.

Hijmans, R.J., Cameron, S.E., Parra, J.L., Jones, P.G. & Jarvis, A. (2005) Very high resolution interpolated climate surfaces for global land areas. *International Journal of Climatology*, **25**, 1965–1978.

Hughes, K.A. & Reynolds, R.M. (2005) Evolutionary and mechanistic theories of aging. *Annual Review of Entomology*, **50**, 421–445.

Hutchings, J.A. & Morris, D.W. (1985) The influence of phylogeny, size and behaviour on patterns of covariation in salmonid life histories. *Oikos*, **45**, 118–124.

Imhoff, M.L., Bounoua, L., Ricketts, T., Loucks, C., Harriss, R. & Lawrence, W.T. (2004) Global patterns in human consumption of net primary production. *Nature*, **429**, 870–873.

Iverson, J.B., Hines, K.N. & Valiulis, J.M. (2004) The nesting ecology of the Allen Cays rock iguana, *Cyclura cychlura inornata* in the Bahamas. *Herpetological Monographs*, **18**, 1–36.

Kingsolver, J.G. & Huey, R.B. (2008) Size, temperature and fitness: three rules. *Evolutionary Ecology Research*, **10**, 251–258.

Kirkwood, T.B.L. (2001) Sex and ageing. *Experimental Gerontology*, **36**, 413–418.

Kratochvíl, L. & Kubička, L. (2007) Why reduce clutch size to one or two eggs? Reproductive allometries reveal different evolutionary causes of invariant clutch size in lizards. *Functional Ecology*, **21**, 171–177.

Lindstedt, S.L. & Calder, W.A. III (1976) Body size and longevity in birds. *Condor*, **78**, 91–94.

Lindstedt, S.L. & Calder, W.A. III (1981) Body size, physiological time, and longevity of homeothermic animals. *Quarterly Review of Biology*, **56**, 1–16.

Ljubuncic, P. & Reznick, A.Z. (2009) The evolutionary theories of aging revisited – a mini-review. *Gerontology*, **55**, 205–216.

de Magalhães, J.P., Costa, J. & Church, G.M. (2007) An analysis of the relationship between metabolism, developmental schedules, and longevity using phylogenetic independent contrasts. *Journal of Gerontology*, **62A**, 149–160.

Mair, W. & Dillin, A. (2008) Aging and survival: the genetics of life span extension by dietary restriction. *Annual Review of Biochemistry*, **77**, 727–754.

Mason, G.L. (2010) Species differences in responses to captivity: stress, welfare and the comparative method. *Trends in Ecology and Evolution*, **25**, 713–721.

Meiri, S. (2010) Length–weight allometries in lizards. *Journal of Zoology*, **281**, 218–226.

Meiri, S., Brown, J.H. & Sibly, R.M. (2012) The ecology of lizard reproductive output. *Global Ecology and Biogeography*, **21**, 592–602.

Meiri, S., Bauer, A.M., Chirio, L., Colli, G.R., Das, I., Doan, T.M., Feldman, A., Herrera, F-C., Novosolov, M., Pafilis, P., Pincheira-Donoso, D., Powney, G., Torres-Carvajal, O., Uetz, P. and Van Damme, R. (2013) Are lizards feeling the heat? A tale of ecology and evolution under two temperatures. *Global Ecology and Biogeography*, **22**, 834–845.

Møller, A.P. (2008) Relative longevity and field metabolic rate in birds. *Journal of Evolutionary Biology*, **21**, 1379–1386.

Montanucci, R.R. (1983) Breeding, captive care and longevity of the short-horned lizard *Phrynosoma douglassi*. *International Zoo Yearbook*, **23**, 148–156.

Novosolov, M., Raia, P. & Meiri, S. (2013) The island syndrome in lizards. *Global Ecology and Biogeography*, **22**, 184–191.

Orme, C.D.L., Freckleton, R.P., Thomas, G.H., Petzoldt, T., Fritz, S.A. & Isaac, N.J.B. (2012) *Caper: comparative analyses of phylogenetics and evolution in R*. R package version 0.5. Available at: http://CRAN.R-project.org/package=caper.

Pagel, M. (1999) Inferring the historical patterns of biological evolution. *Nature*, **401**, 877–884.

Partridge, L. & Gems, D. (2006) Beyond the evolutionary theory of ageing, from functional genomics to evo-gero. *Trends in Ecology and Evolution*, **21**, 334–340.

Peach, W.J., Hammer, D.B. & Oatley, T.B. (2001) Do southern African songbirds live longer than their European counterparts? *Oikos*, **93**, 235–249.

Pincheira-Donoso, D., Fox, S.F., Scolaro, J.A., Ibarhüengoytia, N., Acosta, J.C., Corbalan, V., Medina, M., Boretto, J., Villavicencio, H.J. & Hodgson, D.J. (2011) Body size dimensions in lizard ecological and evolutionary research: exploring the predictive power of mass estimation equations in two Liolaemidae radiations. *Herpetological Journal*, **21**, 35–42.

Pough, F.H. (1973) Lizard energetics and diet. *Ecology*, **54**, 837–844.

Prothero, J. (1993) Adult life span as a function of age at maturity. *Experimental Gerontology*, **28**, 529–536.

Pyron, R.A. & Burbrink, F.T. (2014) Early origin of viviparity and multiple reversions to oviparity in squamate reptiles. *Ecology Letters*, **17**, 13–21.

R Development Core Team (2013) R: a language and environment for statistical computing. Vienna, Austria: R Foundation for Statistical Computing.

Scharf, I. & Meiri, S. (2013) Sexual dimorphism of heads and abdomens: different approaches to 'being large' in female and male lizards. *Biological Journal of the Linnean Society*, **110**, 665–673.

Scharf, I., Peter, F. & Martin, O.Y. (2013) Reproductive trade-offs and direct costs for males in arthropods. *Evolutionary Biology*, **40**, 169–184.

Seigel, R.A. & Fitch, H.S. (1984) Ecological patterns of relative clutch mass in snakes. *Oecologia*, **61**, 293–301.

Seigel, R.A., Huggins, M.M. & Ford, N.B. (1987) Reduction in locomotor ability as a cost of reproduction in gravid snakes. *Oecologia*, **73**, 481–485.

Shine, R. (2005) Life-history evolution in reptiles. *Annual Review of Ecology, Evolution and Systematics*, **36**, 23–46.

Slavens, F.L. & Slavens, K. (1999) *Reptiles and amphibians in captivity: breeding, longevity, and inventory*. Slaveware Publishing, Seattle, WA.

Sohal, R.S. (1986) The rate of living theory: a contemporary interpretation. *Insect aging* (ed. by K.G. Collatz and R.S. Sohal), pp. 23–44. Springer Verlag, Berlin.

Speakman, J.R. (2005a) Body size, energy metabolism and lifespan. *Journal of Experimental Biology*, **208**, 1717–1730.

Speakman, J.R. (2005b) Correlations between physiology and lifespan – two widely ignored problems with comparative studies. *Aging Cell*, **4**, 167–175.

Stearns, S.C. (1992) *The evolution of life histories*. Oxford University Press, London.

Tinkle, D.W. (1969) The concept of reproductive effort and its relation to the evolution of life histories of lizards. *The American Naturalist*, **103**, 501–516.

Tomašević-Kolarov, N., Ljubisavljević, K., Polović, L., Džukić, G. & Kalezić, M.L. (2010) The body size, age structure and growth pattern of the endemic Balkan mosor rock lizard (*Dinarolacerta mosorensis* (Kolombatović, 1886). *Acta Zoologica Academiae Scientiarum Hungaricae*, **56**, 55–71.

Uetz, P. (2014) *The Reptile Database*. Available at: http://reptile-database.reptarium.cz (accessed 4 April 2014).

Valcu, M., Griesser, D.M., Nakagawa, S. & Kempenaers, B. (2014) Global gradients of avian longevity support the classic evolutionary theory of ageing. *Ecography*, **37**, 930–938.

Valenzano, D.R., Terzibasi, E., Cattaneo, A., Domenici, L. & Cellerino, A. (2006) Temperature affects longevity and age-related locomotor and cognitive decay in the short-lived fish *Nothobranchius furzeri*. *Aging Cell*, **5**, 275–278.

Wasser, D.E. & Sherman, P.W. (2010) Avian longevities and their interpretation under evolutionary theories of senescence. *Journal of Zoology*, **280**, 103–155.

Werner, Y.L., Frankenberg, E., Volokita, M. & Harari, R. (1993) Longevity of geckos (Reptilia: Lacertilia: Gekkonoidea) in captivity: an analytical review incorporating new data. *Israel Journal of Zoology*, **39**, 105–124.

Wilkinson, G.S. & South, J.M. (2002) Life history, ecology and longevity in bats. *Aging Cell*, **1**, 124–131.

Williams, P.D., Day, T., Fletcher, Q. & Rowe, L. (2006) The shaping of senescence in the wild. *Trends in Ecology and Evolution*, **21**, 458–463.

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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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	20.0	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
Rhynchocephalia	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 c
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	Wilson 2012	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	Nature	Mitchell 1973	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	Brown 2012	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	Heatwole and Taylor 1	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	Slavens and Slavens 19	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	Captivity	van der Reijden 2008	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	Nature	Alcala 1966	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	Slavens and Slavens 19	Pyron and Burbrink 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	De Magalhaes and Cost	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	Slavens and Slavens 19	Siler et al. 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	Omnivorous	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	Omnivorous	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	NA	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 allogus*	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	De Magalhaes and Cost	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 2	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 2	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 2	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 2	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 2	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 2	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 2	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 2	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 2	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 2	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 2	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 2	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 2	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 2	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 2	Pyron and Burbrink 2014
Sauria	Iguania	Leiocephalidae	*Leiocephalus personatus*	3.3	1.57	NA	Diurnal	Carnivorous	Oviparous	2.0	NA	NA	NA	19.1	11.7	SVL	Tropiduridae Sensu lato (Meiri 2011)	Captivity	Henderson and Powell 2	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 2	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 gracilosus*	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. 199	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	-0.33	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	48	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 ;	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 :	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	De Magalhaes and Cost	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	11.6	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	Nocturnal	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 :	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 2	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 2	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 2	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 2	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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Aguirre and Gatica 2010	Aguirre, T. A. and Gatica, C. A. 2010. Ficha tecnica de Coleonyx brevis. En: Gatica C. A. (compilador). Diagnostico de algunas especies de anfibios y reptiles del Norte de Mexico. Laboratorio de Ecologia y Biodiversidad Animal. Instituto de Ciencias Biomedicas, Universidad Autonoma de Ciudad Juarez. Bases de datos SNIB-CONABIO. Proyecto No. CK007.
Alcala 1966	Alcala, A. C. 1966. Populations of three tropical lizards of Negros Island, Philippines. Ph.D. Thesis, Stanford University; 269 pp.
Alcala and Brown 1967	Alcala, A. C. and Brown, W. C. 1967. Population ecology of the tropical scincoid lizard, Emoia atrocostata, in the Philippines. Copeia, 1967: 596-604.
Allison 1982	Allison, A. 1982. Distribution and ecology of New Guinea lizards. Monographie Biologicae, 42: 803-813. In: Gressitt, J.L. (ed.) Biogeography and Ecology of New Guinea. Dr W. Junk Publishers, The Hague
Altunisik et al. 2013	Altunisik, A., Gul, C., Ozdemir, N., Tosunoglu, M. and Ergul, T. 2013. Age structure and body size of the Strauch’s racerunner, Eremias strauchi strauchi Kessler, 1878. Turkish Journal of Zoology 37: 539-543.
Amitai and Bouskila 2001	Amitai, P. and Bouskila, A. 2001. Handbook of amphibians and reptiles of Israel. Keter Publishing House, Jerusalem. (In Hebrew).
Ananjeva et al. 2003	Ananjeva, N. B., Smirina, E. M. and Nikitina, N. G. 2003. Dentition of Phrynocephalus melanurus: does tooth number depend on body size and/or age? Russian Journal of Herpetology, 10: 1-6.
Anastasiadis and Whitaker 1987	Anastasiadis, J. M. and Whitaker, A. H. 1987. Longevity of free-living Hoplodactylus maculatus (Reptilia : Gekkonidae). New Zealand Journal of Ecology 10: 141-142.
Andreone and Guarino 2003	Andreone, F. and Guarino, F. M. 2003. Giant and long-lived? Age structure in Macroscincus coctei, an extinct skink from Cape Verde. Amphibia-Reptilia 24: 459-470.
Andrews 1979	Andrews, R. M. 1979. Reproductive effort of female Anolis limifrons (Sauria: Iguanidae). Copeia, 1979: 620-626.
Arakelyan 2002	Arakelyan, M. 2002. The study of age, growth, and longevity in the triploid hybrids of rock lizards of the genus Darevskia in Armenia. Russian Journal of Herpetology 9: 63-68.
Arakelyan et al. 2011	Arakelyan, M. S., Danielyan, F. D., Corti, C., Sindaco, R. and Leviton, A. E. 2011. Herpetofauna of Armenia and Nagorno-Karabakhkh. Society for the Study of Amphibians and Reptiles, Salt Lake City.
Arribas 2004	Arribas, O. J. 2004. Characteristics of the reproductive biology of Iberolacerta aurelioi (Arribas, 1994). Herpetozoa 17: 3-18.
Axtell and Axtell 1971	Axtell, R. W. and Axtell, C. A. 1971. A new lizard (Sceloporus jarrovii cyanostictus) from Sierra Madre of Coahuila, Mexico. Copeia, 1971: 89-98.
Barbault 1974	Barbault, R. 1974. Structure et dynamique d'un peuplement de lezards: les scincides de la savane de Lamoto (Cote d'Ivoire). Terre Vie 28: 352-428.
Barbault 1976	Barbault, R. 1976. Population dynamics and reproductive patterns of three African skinks. Copeia, 1976: 483-490.
Barrows et al. 2010	Barrows, C. W., Rotenberry, J. T. and Allen, M. F. 2010. Assessing sensitivity to climate change and drought variability of a sand dune endemic lizard. Biological Conservation 143: 731-736.
Bateman and Chung-Maccoubrey 2012	Bateman, H. L. and Chung-Maccoubrey, A. 2012. Growth and activity of Sceloporus cowlesi (southwestern fence lizard). Herpetological Review, 43: 39-41.
Bateman et al. 2010	Bateman, H. L., Snell, H. L., Chung-MacCoubrey, A. and Finch, D. M. 2010. Growth, activity, and survivorship from three sympatric parthenogenic whiptails (Family Teiidae). Journal of Herpetology, 44: 301-306.
Bauer 2013	Bauer, A. M. 2013. Geckos. The animal answer guide. Johns Hopkins University Press. Boltimor.
Bauer et al. 2004	Bauer, A. M., Sumontha, M., Grossmann, W., Pauwels, O. S. G. and Vogel, G. 2004. A new species of Dixonius (Squamata: Gekkonidae) from Kanchanaburi Province, Western Thailand. Current Herpetology 23: 17-26.
Bauwens and Diaz-Uriarte 1997	Bauwens, D. and Diaz-Uriarte, R. 1997. Covariation of life-history traits in lacertid lizards: a comparative study. American Naturalist 149: 91-111.
Beane et al. 20100	Beane, J. C., Braswell, A. L., Mitchell, J. C., Palmer, W. M. and Harrison, J. R. 2010. Amphibians and reptiles of the Carolinas and Virginia. Second Edition, Revised and Updayted. The University of North Carolina Press, Chapel Hill.
Beck 2005	Beck, D. D. 2005. Biology of Gila Monsters and Beaded lizards. University of California Press, Berkeley.
Beutler 1981	Beutler, A. 1981. Cyrtodactylus kotschyi - Agaischer Bogenfingergecko. Pages 53-74 In: Bohme, W. editor. Handbuch der reptilien und amphibien Europas, Band 1, Echsen 1. Akademische Verlagsgesellschaft, Wiesbaden.
Bogaerts 2006	Bogaerts, S. 2006. First data on the reproduction of Lanza's skink, Chalcides lanzai Pasteur, 1967. Podarcis 7: 9-16.
Bogin et al. 1999	Bogin, Y., Por-Efrati, N. and Werner, Y. L. 1999. Captive longevity in Lacerta laevis laevis (Reptilia: Sauria): hypothetical effects of sex, temperature and climate. Russian Journal of Herpetology 6: 87-91.
Bringsoe 1998	Bringsoe, H. 1998. Observations on growth and longevity in Uromastyx aegyptia (Forsskal, 1775) in the Negev Desert, southern Israel (Reptilia: Sauria: Agamidae). Faunistische Abhandlungen Staatliches Museum fur Tierkunde Dresden 21 (supplement): 19-21.
Brito and Rebelo 2003	Brito, J. C. and Rebelo, R. 2003. Differential growth and mortality affect Sexual size dimorphism in Vipera latastei. Copeia, 2003: 865-871.
Britto et al. 2001	Britto, S. P., Abe, A. S. and Andre, D. V. 2001. Tupinambis merianae. Longevity. Herpetological Review 32: 260-261.
Brown 2012	Brown, D. 2012. A guide to Australian dragons in captivity. Reptile Publications, Burleigh.
Brown 2012	Brown, D. 2012. A guide to Australian geckos and pygopods in captivity. Reptile Publications, Burleigh.
Brown 2012	Brown, D. 2012. A guide to Australian skinks in captivity. Reptile Publications, Burleigh.
Brushko 1979	Brushko, Z. K. 1979. Longevity and age structure of a population of Phrynocephalus mystaceus in sand banks of the middle course of the Ili river Kazakh SSR USSA. Ecologiya (Sverdlovsk), 1: 104-107.
Busack and Jaksic 1982	Busack, S. D. and Jaksic, F. M. 1982. Autecological observations of Acanthodactylus erythrurus (Sauria: Lacertidae) in Southern Spain. Amphibia-Reptilia 3: 237-255.
Carey and Judge 2000	Carey, J. R. and Judge, D. S. 2000. Longevity records: life spans of mammals, birds, amphibians, reptiles and fish. Odense University Press, Odense.
Castanet 1994	Castanet, J. 1994. Age estimation and longevity in reptiles. Gerontology, 40: 174-192.
Castanet and Baez 1991	Castanet, J. and Baez, M. 1991. Adaptation and evolution in Gallotia lizards from the Canary Islands: age, growth, maturity and longevity. Amphibia-Reptilia 12: 81-102.
Chapple 2003	Chapple, D. G. 2003. Ecology, life-history, and behavior in the Australian Scincid genus Egernia, with comments on the evolution of complex sociality in lizards. Herpetological Monographs 17: 145-180.
Cicek et al. 2012	Cicek, K., Kumas, M., Ayaz, D. and Tok, C. V. 2012. Preliminary data on the age structure of Phrynocephalus horvathi in Mount Ararat (Northeastern Anatolia, Turkey). Biharean Biologist 6: 112-115.
Cisse et al. 1977	Cisse, M., Karns, D. R. and Karns, K. C. 1977. Aspects of the ecology of Acanthodactylus dumerili Sauria Lacertidae in Senegal. Bulletin de l'Institut Fondamental d'Afrique Noire Serie A Sciences 39: 190-218.
Cohen 2014a	Cohen, H. 2014a. Lampropeltis holbrooki (speckled kingsnake). Longevity. Herpetological Review 45: 61.
Cohen 2014b	Cohen, H. 2014b. Lampropeltis knoblochi (Knobloch's mountain kingsnake). Longevity. Herpetological Review 45: 61.
Conant and Hudson 1949	Conant, R. and Hudson, R. G. 1949. Longevity records for reptiles and amphibians in the Philadelphia Zoological Garden. Herpetologica, 5: 1-8.
De Lisle 1996	De Lisle, H. F. 1996. The natural history of monitor lizards. Krieger, Malabar.
De Magalhaes and Costa 2009	De Magalhaes, J. P. and Costa, J. 2009. A database of vertebrate longevity records and their relation to other life-history traits. Journal of Evolutionary Biology 22: 1770-1774.
Dearing and Schall 1994	Dearing, M. D. and Schall, J. J. 1994. Atypical reproduction and sexual dimorphism of the tropical Bonaire Island whiptail lizard, Cnemidophorus murinus. Copeia, 1994: 760-766.
Degenhardt et al. 1996	Degenhardt, W. G., Painter, C. W. and Price, A. H. 1996. Amphibians and reptiles of New Mexico. University of New Mexico Press, Albuquerque.
Dubey et al. 2013	Dubey, S., Sinsch, U., Dehling, M. J., Chevalley, M. and Shine, R. 2013. Population demography of an endangered lizard, the Blue Mountain Water Skink. BMC Ecology 13:e4.

Dubos 2013	Dubos, N. 2013. New locality record for Phelsuma grandis (Sauria: Gekkonidae) in Reunion, in sympatry with the critically endangered Phelsuma inexpectata. Herpetology Notes, 6: 309-311.
Dunham 1981	Dunham, A. E. 1981. Populations in a fluctuating environment: The comparative population ecology of Sceloporus merriami and Urosaurus ornatus. Miscellaneous Publications of the Museum of Zoology, University of Michigan 158: 1-62.
Eipper 2012	Eipper, S. 2012. A guide to Australian snakes in captivity. Elapids and colubrids. Reptile Publications, Burleigh.
Eisenberg and Werning 2012	Eisenberg, T. and Werning, H. 2012. Phymaturus cf. palluma in captivity: observations on its reproduction and biology. Salamandra 48: 198-206.
Evans and Spencer-Hartle 2013	Evans, I. and Spencer-Hartle, L. A. 2013. Crotalus oreganus oreganus. Longevity. Herpetological Review 44: 453.
Fellers et al. 1998	Fellers, G. M., Drost, C. A., Mautz, W. J. and Murphey, T. 1998. Ecology of the island night lizard, Xantusia riversiana, on San Nicolas Island, California. U.S. Navy Contributing Office Western Ecological Research Center.
Filippi and Luiselli 2000	Filippi, E. and Luiselli, L. 2000. Status of the Italian snake fauna and assessment of conservation threats. Biological Conservation 93: 219-225.
Fitch 1973	Fitch, H. S. 1973. Population structure and survivorship in some Costa Rican lizards. Occasional Papers of the Museum of Natural History, University of Kansas 18: 1-41.
Fogel 2003	Fogel, G. 2003. The art of armadillo lizards (Cordylus cataphractus): Fifteen years of captive observations. Bulletin of the Chicago Herpetological Society 38: 113-119.
Galan 2008	Galan, P. 2008. Lagartija de Bocage – Podarcis bocagei (Seoane, 1884). Version 28-01-2008. Enciclopedia virtual de los vertebrados Espanoles.
Galan 2011	Galan, P. 2011. Iberolacerta monticola. Longevity. Herpetological Review 43: 430.
Gates 1963	Gates, G. O. 1963. Ecology of the iguanid lizard, Urosaurus graciosus, in Arizona. PhD Dissertation, University of Arizona.
Germano and Williams 2005	Germano, D. J. and Williams, D. F. 2005. Population ecology of blunt-nosed leopard lizards in high elevation foothill habitat. Journal of Herpetology, 39: 1-18.
Gharzi and Yari 2013	Gharzi, A. and Yari, A. 2013. Age determination in the snake-eyed lizard, Ophisops elegans, by means of skeletochronology (Reptilia: Lacertidae). Zoology in the Middle East, 59: 10-15.
Gray 2014	Gray, B. S. 2014. Carphophis amoenus amoenus. Longevity. Herpetological Review 45: 256.
Greer 1989	Greer, A. E. 1989. The biology and evolution of Australian lizards. Surrey Beatty and Sons, Chipping Norton, NSW
Greer 2005	Greer, A. E. 2005. Encyclopedia of Australian reptiles. Australian Museum Online http://www.amonline.net.au/herpetology/research/encyclopedia.pdf Version date: 5 August 2005.
Grismer 2002	Grismer, L. L. 2002. Amphibians and reptiles of Baja California including its Pacific islands and the islands in the Sea of Cortes. University of California Press, Berkeley.
Guarino 2010	Guarino, F. M. 2010. Structure of the femora and autotomous (postpygal) caudal vertebrae in the three-toed skink Chalcides chalcides (Reptilia: Squamata: Scincidae) and its applicability for age and growth rate determination. Zoologischer Anzeiger 248: 273-283.
Gul et al. 2014	Gul, S., Ozdemir, N., Kumlutas, Y. and Ilgaz, C. 2014. Age structure and body size in three populations of Darevskia rudis (Bedriaga, 1886) from different altitudes (Squamata: Sauria: lacertidae). Herpetozoa 26: 151-158.
Gutierrez et al. 2013	Gutierrez, J. A., Piantoni, C., and Ibarguengoytia, N. R. 2013. Altitudinal effects on life history parameters in populations of Liolaemus pictus argentinus (Sauria: Liolaemidae). Acta Herpetologica 8: 9-17.
Halloy 2006	Halloy, M. 2006. Liolaemus quilmes. Longevity. Herpetological Review 37: 88-89.
Harbig 2000	Harbig, P. 2000. Erste erfahrungen bei terrarienhaltung und des Laos-kielskinks, Tropidophorus laotus Smith. Sauria 22: 3-9.
Harding and Rockafield 2012	Harding, J. H. and Rockafield, K. 2012. Nerodia sipedon (northern watersnake). Captive longevity. Herpetological Review 43: 265.
Hare et al. 2007	Hare, K. M., Hoare, J. M. and Hitchmough, R. A. 2007. Investigating natural population dynamics of Naultinus manukanus to inform conservation management of New Zealand's cryptic diurnal geckos. Journal of Herpetology 41: 81-93.
Hauschild and Gassner 1995	Hauschild, A. and Gassner, P. 1995. Skinke im terrarium. Landbuch Verlag, Hannover.
Heatwole and Taylor 1987	Heatwole, H. and Taylor, J. 1987. Ecology of reptiles. 2nd edition. Surrey Beatty and Sons, Chipping Norton, NSW.
Henderson and Powell 2009	Henderson, R. W. and Powell, R. 2009. Natural history of West Indian reptiles and amphibians. University Press of Florida, Gainsville.
Hoare et al. 2005	Hoare, J. M., Stephens, C. L., Daugherty, C. H. and Phillpot, P. M. S. 2005. Oligosoma lineoocellatum. Longevity. Herpetological Review 36: 181.
Honegger 1969	Honegger, R. E. 1969. Notes on some amphibians and reptiles at Zurich Zoo. International Zoo Yearbook 9: 24-28.
Animal Diversity Web	http://animaldiversity.ummz.umich.edu/accounts/Norops_sagrei/
Hughes 1988	Hughes, B. 1988. Longevity records of African captive amphibians and reptiles: part 2. Lizards and amphisbaenians. The Journal of the Herpetological Association of Africa 34: 20-24.
Hutchinson 1993	Hutchinson, M. N. 1993. Family Scincidae. Fauna of Australia 31: 1-45.
Hutchinson et al. 2001	Hutchinson, M., Swain, R. and Driessen, M. 2001. Snakes and lizards of Tasmania. University of Tasmania, Hobart.
Iverson et al. 2004	Iverson, J. B., Hines, K. N. and Valiulis, J. M. 2004. The nesting ecology of the Allen Cays rock iguana, Cyclura cychlura inornata in the Bahamas. Herpetological Monographs, 18: 1-36.
Jacobsen 1982	Jacobsen, N. H. G. 1982. The ecology of the reptiles and amphibians in the Burkea africana - Eragrostis pallens savanna of the Nyslvley Nature Reserve. MSc. Thesis, University og Pretoria.
Jennings and Hayes 1994	Jennings, M. R. and Hayes, M. P. 1994. Amphibian and reptile species of special concern in California. Final report. Contract 8023. Submitted to the California Department of Fish and Game, Rancho Cordova.
Jesus 2012	Jesus, J. 2012. Evidence of high longevity in an island lacertid, Teira dugesii (Milne-Edwards, 1829). First data on wild specimens. Acta Herpetologica, 7: 309-313.
Jones and Lovich 2009	Jones, L. and Lovich, R. 2009. Lizards of the American southwest: a photographic field guide. Rio Nuevo Publishers, Tuscon.
Karsten et al. 2008	Karsten, K. B., Andriamandimbiarisoa, L. N., Fox, S. F. and Raxworthy, C. J. 2008. A unique life history among tetrapods: An annual chameleon living mostly as an egg. Proceedings of the National Academy of Sciences, USA 105: 8980-8984.
King and Green 1999	King, D. and Green, B. 1999. Goanna: the biology of Varanid lizards. New South Wales Univ. Press, Sydney, New South Wales, Australia.
Kitchener et al. 1988	Kitchener, D. J., How R. A. and Dell, J. 1988. Biology of Oedura reticulata and Gehyra variegata (Gekkonidae) in an isolated woodland of Western Australia. Journal of Herpetology, 22: 401-412.
Langerwerf 2006	Langerwerf, B. 2006. Water dragons. A complete guide to Physignathus and more. T.F.H. Publications, Neptune City.
Laver et al. 2012	Laver, R. J., Purwandana, D., Ariefiandy, A., Imansyah, J., Forsyth, D., Ciofi, C. and Jessop, T. S. 2012. Life-history and spatial determinants of somatic growth dynamics in Komodo dragon populations. PLoS ONE 7(9): e45398. doi:10.1371/journal.pone.0045398
LeBerre 2009	LeBerre, F. 2009. The chameleon handbook. 3rd edition. Barron's, New York.
Leclair and Leclair 2011	Leclair, R. and Leclair, M. H. 2011. Life-history traits in a population of the dwarf gecko, Sphaerodactylus vincenti ronaldi, from a xerophytic habitat in Martinique, West Indies. Copeia 2011: 566-576.
Lettink and Whitaker 2006	Lettink, M. and Whitaker, T. 2006. Hoplodactylus maculatus. Longevity. Herpetological Review 37: 223-224.
Iezzi 2008	Lezzi, A. 2008. Husbandry manual for southern leaf-tailed gecko Phyllurus platurus Reptilia: Gekkonidae. Western Sydney Institute of TAFE, Richmond, special publication.
Li et al. 2010	Li, W.-R., Song, Y.-C. and Shi, L. 2010. Age determination of Teratoscincus roborowskii (Gekkonidae) by skeletochronology. Chinese Journal of Zoology 45: 79-86.
Luis et al. 2004	Luis, C., Rebelo, R., Brito, J. C., Godinho, R., Paulo, O. S. and Crespo, E. G. 2004. Age structure in Lacerta schreiberi from Portugal. Amphibia-Reptilia 25: 336-343.

Mallee Catchment Management Authority (Malee lizards fieldguide)	Mallee Catchment Management Authority (Malee lizards field guide); http://www.malleecma.vic.gov.au/resources/miscellaneous/mallee-lizard-field-guide
Manicom 2010	Manicom, C. 2010. Beyond abundance: The direct and indirect effects of predation in a terrestrial trophic web. Dissertation. James Cook University, Townsville, Australia.
Marchioro et al. 2005	Marchioro, M., Nunes, J.-M. D. A. M., Ramalho, A. M. R., Molowny, A., Perez-Martinez, E., Ponsoda, X. and Lopez-Garcia, C. 2005. Postnatal neurogenesis in the medial cortex of the tropical lizard Tropidurus hispidus. Neuroscience 134: 407-413.
Mautz and Lopez-Forment 1978	Mautz, W. J. and Lopez-Forment, W. 1978. Observations on the activity and diet of the cavernicolous lizard Lepidophyma smithii (Sauria: Xantusiidae). Herpetologica, 34: 311-313.
McFadden and Boylan 2014	McFadden, M. and Boylan, T. 2014. Boiga irregularis (brown tree snake). Captive reproduction and longevity. Herpetological Review 45: 60-61.
Measey et al. 2014	Measey, G. J., Raselimanana, A. and Herrel, A. 2014. Ecology and life history of chameleons. Pages 85-113 in Tolley, K. A. and Herrel, A. 2014. editors. The biology of chameleons. University of California Press, Berkeley.
Medica and Turner 1984	Medica, P. A. and Turner, F. B. 1984. Natural longevity of iguanid lizards in southern Nevada. Herpetological Review 15: 34-35.
Meneken et al. 2005	Meneken, B. M., Knipps, A. C. S., Layne, J. N. and Ashton, K. G. 2005. Neoseps reynoldsi. Longevity. Herpetological Review 36: 180-181.
Michael and Lindenmayer 2010	Michael, D. and Lindenmayer, D. 2010. Reptiles of the NSW Murray catchment. A guide to their identification, ecology and conservation. CSIRO Publishing, Collingwood, Victoria.
Mitchell 1973	Mitchell, F. J. 1973. Studies on the ecology of the agamid lizard Amphibolurus maculosus. Transactions of the Royal Society of South Australia 97: 47-76.
Mitchell 2006	Mitchell, J. C. 2006. Ernest Anthony Liner. *Copeia* , 2006: 316-320.
Miyata 2013	Miyata, K. I. 2013. Studies on the ecology and population biology of little known Ecuadorian anoles. Bulletin of the Museum of Comparative Zoology, 161: 45-78.
Molina-Borja and Rodriguez-Dominguez 2004	Molina-Borja, M. and Rodriguez-Dominguez, M. A. 2004. Evolution of biometric and life-history traits in lizards (Gallotia) from the Canary Islands. Journal of Zoological Systematics and Evolutionary Research 42: 44-53.
Montanucci 1983	Montanucci, R. R. 1983. Breeding, captive care and longevity of the Short-horned lizard Phrynosoma douglassi. International Zoo Yearbook 23: 148-156.
Moore et al. 2007	Moore, J. A., Hoare, J. M., Daugherty, C. H. and Nelson, N. J. 2007. Waiting reveals waning weight: Monitoring over 54 years shows a decline in body condition of a long-lived reptile (tuatara, Sphenodon punctatus). Biological Conservation 135: 181-188.
Mules 2012	Mules, R. D. 2012. Oligosoma chloronoton (green skink). Longevity, site fidelity. Herpetological Review 43: 488-489.
Necas 1999	Necas, P. 1999. Chameleons. Nature's hidden jewels. Edition Chimaira, Frankfurt am Main.
Olsson and Shine 1996	Olsson, M. and Shine, R. 1996. Does reproductive success increase with age or with size in species with indeterminate growth? A case study using sand lizards (Lacerta agilis). Oecologia 105: 175-178.
Ortega-Rubio et al. 1993	Ortega-Rubio, A., Khodaddost, M. and Servin, R. 1993. Skeletochronology in the mezquite lizard, Sceloporus grammicus. Proceedings of the Oklahoma Academy of Science 73: 31-34.
Pal et al. 2009	Pal, A., Swain M. M. and Rath, S. 2009. Long bone histology and skeletochronology in a tropical Indian lizard, Sitana ponticeriana (Sauria: Agamidae). Current Herpetology 28: 13-18.
Pancharatna and Kumbar 2005	Pancharatna, K. and Kumbar, S. M. 2005. Bone growth marks in tropical wall lizard, Hemidactylus brooki. Russian Journal of Herpetology 12: 107-110.
Paulissen 2000	Paulissen, M. A. 2000. Life history and drought tolerance of the parthenogenetic whiptail lizard Cnemidophorus laredoensis (Teiidae). Herpetological Natural History 7: 41-57.
Pearson and Jones 1999	Pearson, D. and Jones, B. 1999. Lancelin Island skink recovery plan. Department of Conservation and Land Management, Western Australian Wildlife Management Program No. 22
Pianka and Parker 1975	Pianka, E. R. and Parker, W. S. 1975. Age-specific reproductive tactics. American Naturalist 109: 453-464.
Piantoni et al. 2006	Piantoni, C., Ibarguengoytia, N. R. and Cussac, V. E. 2006. Growth and age of the southernmost distributed gecko of the world (Homonota darwini) studied by skeletochronology. Amphibia-Reptilia 27: 393-400.
Porter 1982	Porter, T. 1982. Phrynosoma coronatum jamesi (Coast Horned Lizards) longevity. Herpetological Review 13: 19 .
Read 1998	Read, J. L. 1998. The ecology of sympatric scincid lizards (Ctenotus) in arid South Australia. Australian Journal of Zoology 46: 617-629.
Read 1999	Read, J. L. 1999. Longevity, reproductive effort and movements of three sympatric Australian arid-zone geckos. Australian Journal of Zoology 47: 307-316.
Reagan 1992	Reagan, D. P. 1992. Congeneric species distribution and abundance in a three-dimensional habitat: the rain forest anoles of Puerto Rico. Copeia, 1992: 392-403.
Regalado 2006	Regalado, R. 2006. Reproduction and growth of seven species of dwarf geckos, Sphaerodactylus (Gekkonidae), in captivity. Herpetological Review 37: 13-20.
Reidpath 2006	Reidpath, D. 2006. Husbandry manual for Fijian crested iguana Brachylophus vitiensis. Privately produced, Sydney.
Rodriguez-Romero et al. 2011	Rodriguez-Romero, F., Smith, G. R., Mendez-Sanchez, F., Hernandez-Gallegos, O., Nava, P. S. and Mendez de la Cruz, F. R. 2011. Demography of a semelparous, high-elevation population of Sceloporus bicanthalis (Lacertilia: Phrynosomatidae) from the Nevado de Toluca Volcano, Mexico. The Southwestern Naturalist 56: 71-77.
Rogers 1997	Rogers, K. L. 1997. Iguana iguana. Longevity. Herpetological Review 28: 203.
Rogner 1997	Rogner, M. 1997. Lizards. Krieger Publishing Company, Malabar, FL.
Roitberg and Smirina 2006	Roitberg, E. S. and Smirina, E. M. 2006. Age, body size and growth of Lacerta agilis boemica and L. strigata (Reptilia, Lacertidae): a comparative study of two closely related lizard species based on skeletochronology. Herpetological Journal 16: 133-148.
Rutherford 2004	Rutherford, P. L. 2004. Proximate mechanisms that contribute to female biased sexual size dimorphism in an anguid lizard. Canadian Journal of Zoology 82: 817-822.
Savage 2002	Savage, J. M. 2002. The amphibians and reptiles of Costa Rica. The University of Chicago Press, Chicago.
Schleich and Kastle 2002	Schleich, H. H. and Kastle, W. 2002. Amphibians and reptiles of Nepal. Gantner Verlag, Koenigstein.
Schleich et al. 1996	Schleich, H. H., Kastle, W. and Kabisch, K. 1996. Amphibians and reptiles of North Africa. Biology, systematics, field guide. Koeltz Scientific, Koenigstein, Germany.
Sinsch et al. 2002	Sinsch, U., Martino, A. L. and di Tada, I. E. 2002. Longevity and sexual size dimorphism of the Pampa de Achala copper lizard Pristidactylus achalensis (Gallardo, 1964). Amphibia-Reptilia 23: 177-190.
Slavens and Slavens 1999	Slavens, F. L. and Slavens, K. 1999. Reptiles and amphibians in captivity: breeding, longevity, and inventory. Slaveware Publishing, Seattle.
Smirina and Ananjeva 2007	Smirina, E. M. and Ananjeva, N. B. 2007. Growth layers in bones and acrodont teeth of the agamid lizard Laudakia stoliczkana (Blanford, 1875) (Agamidae, Sauria). Amphibia-Reptilia 28: 193-204.
Smith et al. 2013	Smith, A.L., Bull, C. M. and Driscoll, D. 2013. Skeletochronological analysis of age in three 'fire-specialist' lizard species. South Australian Naturalist 87: 6-17.
Snider and Bowler 1992	Snider, A. T. and Bowler, J. K. 1999. Longevity of reptiles and Amphibians in North American collections. 2nd Ed. Oxford, Ohio: Society for the Study of Amphibians and Reptiles.
Stebbins and McGinnis 2012	Stebbins, R. C. and McGinnis, S. M. 2012. Field guide to amphibians and reptiles of California. Revised Edition. University of California Presss, Berkeley.
Sullivan and Sullivan 2012	Sullivan, B. K. and Sullivan, K. O. 2012. Common chuckwalla (Sauromalus ater) in an urban preserve: persistence of a small population and estimation of longevity. Herpetological Conservation and Biology 7: 437-441.
Szczerbak and Golubev 1996	Szczerbak, N. N. and Golubev, M. L. 1996. Gecko fauna of the USSR and contiguous regions. Society for the Study of Amphibians and Reptiles, St. Louis.
Tacutu et al. 2013	Tacutu, R., Craig, T., Budovsky, A., Wuttke, D., Lehmann, G., Taranukha, D., Costa, J., Fraifeld, V. E. and de Magalhaes, J. P. 2013. Human ageing genomic resources: Integrated databases and tools for the biology and genetics of ageing. Nucleic Acids Research 41: D1027-D1033.
Tanner and Krogh 1975	Tanner, W. W. and Krogh, J. E. 1975. Ecology of the zebra-tailed lizard Callisaurus draconoides at the Nevada Test Site. Herpetologica 31: 302-316.
TAUM	Tel Aviv University, Zoological Museum data

Tinkle and Dunham 1983	Tinkle, D. W. and Dunham, A. E. 1983. Demography of the tree lizard, Urosaurus ornatus, in Central Arizona. Copeia, 1983: 585-598.
Tocher 2009	Tocher, M. D. 2009. Life history traits contribute to decline of critically endangered lizards at Macraes Flat, Otago. New Zealand Journal of Ecology 33: 125-137.
Tomasevic-Kolarov et al. 2010	Tomasevic-Kolarov, N., Ljubisavljevic, K., Polovic, L., Dzukic, G. and Kalezic, M. 2010. The body size, age structure and growth pattern of the endemic balkan mosor rock lizards, Dinarolacerta mosorensis (Kolombatovic, 1886). Acta Zoologica Academiae Scientiarum Hungaricae 56: 55-71.
Towns 1994	Towns, D. R. 1994. The role of ecological restoration in the conservation of Whitaker's skink (Cyclodina whitakeri), a rare New Zealand lizard (Lacertilia: Scincidae). New Zealand Journal of Zoology, 21: 457-471.
Towns and Ferreira 2001	Towns, D. R. and Ferreira, S. M. 2001. Conservation of New Zealand lizards (Lacertilia: Scincidae) by translocation of small populations. Biological Conservation 98: 211-222.
Tsellarius and Tsellarius 2009	Tsellarius, A. Y. and Tsellarius, E. Y. 2009. Longevity and factors of mortality in the rock lizard Darevskia brauneri (Reptilia, Sauria) based on long-term observations in the Navagir Ridge. Zoologiceskij Zurnal 88: 1276-1280.
Uzum et al. 2014	Uzum, N., Ilgaz, C., Kumlutas, Y., Gumus, C. and Avci, A. 2014. The body size, age structure, and growth of Bosc’s fringe-toed lizard, Acanthodactylus boskianus (Daudin, 1802). Turkish Journal of Zoology 38: 383-388.
van der Reijden 2008	van der Reijden, J. 2008. The captive maintenance and breeding of Diporiphora winneckei (Cane grass dragon) at the Alice Springs Desert Park. Australian Society of Zoo Keeping INC. Special Publication.
Walker 2012	Walker, J. M. 2012. Aspidoscelis rodecki (Rodeck’s whiptail). Life history. Herpetological Review 43: 330-332.
Wapstra et al. 2001	Wapstra, E., Swain, R. and O'Reilly, J. M. 2001. Geographic variation in age and size at maturity in a small Australian viviparous skink. Copeia, 2001: 646-655.
Werner 1993	Werner, Y. L. 1993. The paradoxical tree gecko of Israel. Dactylus, Journal of the International Gecko Society, 2: 29-45.
Werner et al. 1993	Werner, Y. L., Frankenberg, E., Volokita, M. and Harari, R. 1993. Longevity of geckos (Reptilia: Lacertilia: Gekkonoidea) in captivity: an analytical review incorporating new data. Israel Journal of Zoology 39: 105-124.
Wiederhecker et al. 2003	Wiederhecker, H. C., Pinto, A. C. S., Paiva, M. S. and Colli, G. R. 2003. The demography of the lizard Tropidurus torquatus (Squamata, Tropiduridae) in a highly seasonal neotropical savanna. Phyllomedusa 2: 9-19.
Wikelski and Thom 2000	Wikelski, M. and Thom, C. 2000. Marine iguanas shrink to survive El Nino. Nature 403: 37-38.
Wilms 2005	Wilms, T. 2005. Uromastyx. Natural history, captive care, breeding. Herpeton, Offenbach.
Wilson 2010	Wilson, J. 2010. Population viability and resource competition on North Brother Island: conservation implications for tuatara (Sphenodon punctatus) and Duvaucel's Gecko (Hoplodactylus duvaucelii). MSc. Thesis,
Wilson 2012	Wilson, S. 2012. Australian lizards. A natural history. CSIRO Publishing, Melbourne.
Yakin and Tok 2014	Yakin, B. Y. and Tok, C. V. 2014. Age estimation of Anatololacerta anatolica (Werner, 1902) in the vicinity of Canakkale by skeletochronology. Turkish Journal of Zoology 38:
Yakin et al. 2012	Yakin, B. Y., Guerkan, M., Hayretdag, S. and Tok, C. V. 2012. Preliminary data on age estimation and body size of the dwarf lizard, Parvilacerta parva (Boulenger, 1887) (Reptilia: Lacertilia) from Aksehir, Konya (Turkey). Ecologia Balkanica 4: 81-85.
Zaldivar Riveron et al. 2002	Zaldivar Riveron, A., Schmidt, W. and Heimes, P. 2002. Elgaria parva. Revision de las categorias en el proyecto de norma oficial mexicana (PROY-NOM-059-2000) para las especies de lagartijas de la familia Anguidae (Reptilia). Museo de Zoologia "Alfonso L. Herrera", Departamento de Biologia, Facultad de Ciencias, Universidad Nacional Autonoma de Mexico.
Ziegler et al. 2010	Ziegler, T., Rutz, N., Oberreuter, J. and Holst, S. 2010. First f2 breeding of the Quince monitor lizard Varanus melinus Bohme and Ziegler, 1997 at the Cologne Zoo Aquarium. Biawak, 4: 82-92.
Zug et al. 1982	Zug, G. R., Barber, M. M. and Dudley, J. C. 1982. Gonadal histology and reproduction in Carlia bicarinata (Scincidae, Sauria, Reptilia) of the Port Moresby Area, Papua New Guinea. Herpetologica, 38: 418-425.

source	reference
Calvete et al. 2007	Calvete, J. J., Escolano, J. and Sanz, L. 2007. Snake venomics of Bitis species reveals large intragenus venom toxin composition variation: application to taxonomy of congeneric taxa. Journal of Proteome Research, 6: 2732-2745.
de la Vega-Perez et al. 2013	de la Vega-Perez, A. H. D. Jimenez-Arcos, V. H., Manriquez-Moran, N. L. and Mendez-de la Cruz, F. R. 2013. Conservatism of thermal preferences between parthenogenetic Aspidoscelis cozumela complex (Squamata: Teiidae) and their parental species. Herpetological Journal 23: 93-104.
Douglas et al. 2007	Douglas, M. E., Douglas, M. R., Schuett, G. W., Porras, L. W. and Thomason, B. L. 2007. Genealogical concordance between mitochondrial and nuclear dnas supports species recognition of the panamint rattlesnake (Crotalus mitchellii stephensi). Copeia, 2007: 920-932.
Edwards et al. 2013	Edwards, S., Branch, W. R., Vanhooydonck, B., Herrel, A., Measey, G. J. and Tolley, K. A. 2013. Taxonomic adjustments in the systematics of the southern African lacertid lizards (Sauria: Lacertidae). Zootaxa 3669: 101-114.
Fry et al. 2003	Fry, B. G., Wuster, W., Kini, R. M., Brusic, V., Khan, A., Venkataraman, D. and Rooney, A. P. 2003. Molecular evolution and phylogeny of elapid snake venom three-finger toxins. Journal of Molecular Evolution 57: 110-129.
Garcia-Porta and Ord 2013	Garcia-Porta, J. and Ord, T. J. 2013. Key innovations and island colonization as engines of evolutionary diversification: a comparative test with the Australasian diplodactyloid geckos. Journal of Evolutionary Biology
Gardner et al. 2008	Gardner, M. G., Hugall, A. F., Donnellan, S. C., Hutchinson, M. N. and Foster, R. 2008. Molecular systematics of social skinks: phylogeny and taxonomy of the Egernia group (Reptilia: Scincidae). Zoological Journal of the Linnean Society, 154: 781-794.
Greer and Wilson 2001	Greer, A. E. and Wilson, G. D. F. 2001. Comments on the scincid lizard genus Ophiomorus with a cladistic analysis of the species. Hamadryad 26: 261-271.
Harvey et al. 2012	Harvey, M. B., Ugueto, G. N. and Gutberlet, R. L. 2012. Review of teiid morphology with a revised taxonomy and phylogeny of the Teiidae (Lepidosauria: Squamata). Zootaxa 3459: 1-156.
Kay and Keogh 2012	Kay, G. M. and Keogh, J. S. 2012. Molecular phylogeny and morphological revision of the Ctenotus labillardieri (Reptilia: Squamata: Scincidae) species group and a new species of immediate conservation concern in the southwestern Australian biodiversity hotspot. Zootaxa 3390: 1-18.
Kelly et al. 2008	Kelly, C. M. R., Barker, N. P., Villet, M. H., Broadley, D. G. and Branch, W. R. 2008. The snake family Psammophiidae (Reptilia: Serpentes): Phylogenetics and species delimitation in the African sand snakes (Psammophis Boie, 1825) and allied genera. Molecular Phylogenetics and Evolution 47: 1045-1060.
Kluge 1964	Kluge, A. G. 1964. A revision of the South American gekkonid lizard genus Homonota Gray. American Museum Novitates 2193: 1-42.
Kohler et al. 2000	Kohler, G., Schroth, W. and Streit, B. 2000. Systematics of the Ctenosaura group of lizards (Reptilia: Sauria: Iguanidae). Amphibia-Reptilia 21: 177-191.
Leache and Reeder 2002	Leache, A. D. and Reeder, T. W. 2002. Molecular systematics of the Eastern Fence Lizard (Sceloporus undulatus): a comparision of parsimony, likelihood, and Bayesian approaches. Systematic Biology 51: 44-68.
Leache et al. 2009	Leache, A. D., Chong, R. A., Papenfuss, T. J., Wagner, P., Bohme, W., Schmitz, A., Rodel, M-O., Lebreton, M., Ineich, I., Chirio, L., Bauer, A. M., Eniang, E. A. and Baha El Din, S. 2009. Phylogeny of the genus Agama based on mitochondrial DNA sequence data. Bonner Zoologische Beitrage 56: 273-278.
Martinez-Mendez and Mendez-de la Cruz 2007	Martinez-Mendez, N. and Mendez-de la Cruz, F. R. 2007. Molecular phylogeny of the Sceloporus torquatus species-group (Squamata: Phrynosomatidae). Zootaxa 1609: 53-68.
Metallinou et al. 2013	Metallinou, M., Arnold, E. N., Crochet, P. A., Geniez, P. H., Brito, J. C., Lymberakis, P., Baha el Din, S., Sindaco, R., Robinson, M. and Carranza, S. 2012. Conquering the Sahara and Arabian deserts: systematics and biogeography of Stenodactylus geckos (Reptilia: Gekkonidae). BMC Evolutionary Biology 12: 258.
Morando et al. 2013	Morando, M., Avila, L. J., Perez, C. H. F., Hawkins, M. and Sites, J. W. 2013. A molecular phylogeny of the lizard genus Phymaturus (Squamata, Liolaemini): Implications for species diversity and historical biogeography of southern South America. Molecular Phylogenetics and Evolution 66: 694-714.
Nazarov et al. 2013	Nazarov, R., Melnikov, D. and Melnikova, E. 2013. Three new species of Ptyodactylus (Reptilia; Squamata; Phyllodactylidae) from the Middle East. Russian Journal of Herpetology 20: 147-162.
Nicholson et al. 2005	Nicholson, K. E., Glor, R. E., Kolbe, J. J., Larson, A., Hedges, S. B. and Losos, J. B. 2005. Mainland colonization by island lizards. Journal of Biogeography 32: 929–938.
Nielsen et al. 2011	Nielsen, S. V., Bauer, A. M., Jackman, T. R., Hitchmough, R. A. and Daugherty, C. H. 2011. New Zealand geckos (Diplodactylidae): Cryptic diversity in a post-Gondwanan lineage with trans-Tasman affinities. Molecular Phylogenetics and Evolution 59: 1-22.
Poe 2004	Poe, S. 2004. Phylogeny of anoles. Herpetological Monographs 18: 37-89.
Rato et al. 2012	Rato, C., Carranza, S. and Harris, D. J. 2012. Evolutionary history of the genus Tarentola (Gekkota: Phyllodactylidae) from the Mediterranean Basin, estimated using multilocus sequence data. BMC Evolutionary Biology 12: 14.
Reeder et al. 2002	Reeder, T. W., Cole, C. J. and Dessauer, H. C. 2002. Phylogenetic relationships of whiptail lizards of the genus Cnemidophorus (Squamata: Teiidae): A test of monophyly, reevaluation of karyotipic evolution, and review of hybrid origins. American Museum Novitates 3365: 1–61.
Shoo et al. 2008	Shoo, L. P., Rose, R., Doughty, P., Austin, J. J. and Melville, J. 2008. Diversification patterns of pebble-mimic dragons are consistent with historical disruption of important habitat corridors in arid Australia. Molecular Phylogenetics and Evolution 48: 528-542.
Solovyeva et al. 2011	Solovyeva, A. N., Poyarkov, N. A., Dunaev, E. A., Duysebayeva, T. N. and Bannikova, A. A. 2011. Molecular differentiation and taxonomy of the sunwatcher toad headed agama species complex Phrynocephalus superspecies helioscopus (Pallas 1771) (Reptilia: Agamidae). Russian Journal of Genetics, 47: 842-856.
Stanley et al. 2011	Stanley, E. L., Baue, A. M., Jackman, T. R., Branch, W. R. and Mouton, P. Le F. N. 2011. Between a rock and a hard polytomy: Rapid radiation in the rupicolous girdled lizards (Squamata: Cordylidae). Molecular Phylogenetics and Evolution 58: 53-70.
Vieira et al. 2005	Vieira, G. H. C., Colli, G. R. and Bao, S. N. 2005. Phylogenetic relationships of corytophanid lizards (Iguania, Squamata, Reptilia) based on partitioned and total evidence analyses of sperm morphology, gross morphology, and DNA data. Zoologica Scripta, 34: 605-625.
Warne and Charnov 2008	Warne, R. W. and Charnov, E. L. 2008. Reproductive allometry and the size-number trade-off for lizards. American Naturalist 172: E80-E98.
Wood et al. 2012	Wood, P. L., Heinicke, M. P., Jackman, T. R. and Bauer, A. M. 2012. Phylogeny of bent-toed geckos (Cyrtodactylus) reveals a west to east pattern of diversification. Molecular Phylogenetics and Evolution 65: 992-1003.
Kratochvil and Frynta 2002	Kratochvil, L. and Frynta, D. 2002. Body size, male combat and the evolution of sexual dimorphism in eublepharid geckos (Squamata: Eublepharidae). Biological Journal of the Linnean Society 76: 303-314.
Nagarajan et al. 2011	Nagarajan, D., Karthik, G., Duraivelu, R. and Santhalingam, K. 2011. Phylogenetic analysis and homology based inhibitor design for short neurotoxins of forest cobra. Interna
Schatti and Utiger 2001	Schatti, B. and Utiger, U. 2001. Hemerophis, a new genus for Zamenis socotrae Günther, and a contribution to the phylogeny of Old World racers, whip snakes, and related genera (Reptilia: Squamata: Colubrinae). Revue Suisse De Zoologie 108: 919-948.
Stuart-Fox and Owens 2003	Stuart-Fox, D. M. and Owens, I. P. F. 2003. Species-richness is agamid lizards: chance, body size, ecology or sexual selection? Journal of Evolutionary Biology 16: 659-669.
Liggins et al. 2008	Liggins, L., Chapple, D. G., Daugherty, C. H. and Ritchie, P. A. 2008. A SINE of restricted gene flow across the Alpine Fault: phylogeography of the New Zealand common s
Pyron and Burbrink 2014	Pyron, R. A. and Burbrink, F. T. 2014. Early origin of viviparity and multiple reversions to oviparity in squamate reptiles. Ecology Letters, 17: 13-21.
Rastegar-Pouyani et al. 2013	Rastegar-Pouyani, E., Avci, A., Kumlutas, Y., Ilgaz, C. and Hosseinian Yousefkhani, S. S. 2013. New country record and range extension of Eremias suphani Basoglu & Hell
Reed and Shine 2002	Reed, R. N and Shine, R. 2002. Lying in wait for extinction: ecological correlates of conservation status among Australian elapid snakes. Conservation Biology, 16: 451-461.
Scott et al. 2004	Scott, I. A. W., Keogh, S. and Whiting, M. J. 2004. Shifting sands and shifty lizards: molecular phylogeny and biogeography of African flat lizards (Platysaurus). Molecular Pl
Sindaco et al. 2012	Sindaco, R., Metallinou, M., Pupin, F., Fasola, M. and Carranza, S. 2012. Forgotten in the ocean: systematics, biogeography and evolution of the Trachylepis skinks of the Soc
Wagner et al. 2011	Wagner, P., Melville, J., Wilms, T. M. and Schmitz, A. 2011. Opening a box of cryptic taxa – the first review of the North African desert lizards in the Trapelus mutabilis Merrem, 1820 complex (Squamata: Agamidae) with descriptions of new taxa. Zoological Journal of the Linnean Society 163: 884-912.
Frost et al. 2001	Frost, D. R., Etheridge, R., Janies, D. and Titus, T. A. 2001. Total evidence, sequence alignment, evolution of Polychrotid lizards, and a reclassification of the Iguania (Squama
Siler et al. 2014	Siler, C. D., Lira-Noriega, A. and Brown, R. M. 2014. Conservation genetics of Australasian sailfin lizards: Flagship species threatened by coastal development and insufficient protected area coverage. Biological Conservation 169: 100-108.
Brown et al. 2012	Brown, R. M., Siler, C. D., Das, I. and Min, P. Y. 2012. Testing the phylogenetic affinities of Southeast Asia's rarest geckos: Flap-legged geckos (Luperosaurus), Flying gecko
Rocha et al. 2010	Rocha, S., Rosler, H., Gehring, P-S., Glaw, F., Posada, D., Harris, D. J. and Vences, M. 2010. Phylogenetic systematics of day geckos, genus Phelsuma, based on molecular ar
Ziegler et al. 2007	Ziegler, T., Schmitz, A., Koch, A. and Bohme, W. 2007. A review of the subgenus Euprepiosaurus of Varanus (Squamata: Varanidae): morphological and molecular phylogen
McVay and Cartens 2013	McVay, J. D. and Carstens, B. 2013. Testing monophyly without well-supported gene trees: Evidence from multi-locus nuclear data conflicts with existing taxonomy in the sna
McLachlan 1981	McLachlan G R 1981. Taxonomy of Agama hispida (Sauria: Agamidae) in southern Africa. Cimbebasia Ser. A 5(6): 219-227
Rivera et al. 2011	Rivera, P. C., Di Cola, V., Martinez, J. J., Gardenal, C. N. and Chiaraviglio, M. 2011. Species delimitation in the continental forms of the genus Epicrates (Serpentes, Boidae)

Richmond et al. 2012	Richmond, J. Q., Stanford, J. W., Wood, D. A. and Fisher, R. N.2012. An evolutionary approach to the biological management of invasive Brown Treesnakes (Boiga irregularis) on Guam. United States Geological Survey, Special Report. SERDP project number: 10 SISEED01-007 (SI-1733)
Stumbel and Joger 2009	Stumpel, N. and Joger, U. 2009. Recent advances in phylogeny and taxonomy of Near and Middle Eastern Vipers – an update. ZooKeys 31: 179-191.
Tamar 2014	Tamar 2014 Taxonomy, phylogeny, and phylogeography of the reptile genera Acanthodactylus Fitzinger, 1834 and Phoenicolacerta (Arnold, Arribas & Carranza, 2007) (Sauria: Lacertidae). PhD dissertation, Tel Aviv University.
Bauer et al. 2006	Bauer, A. M., Barts, M. and Hulbert, F. 2006. A new species of the Pachydactylus weberi group (Reptilia: Squamata: Gekkonidae) from the Orange River, with comments on its natural history. Salamandra 42: 83-92.
Bauer et al. 2013	Bauer, A. M., Masroor, R., Titus-Mcquillan, J., Heinicke, M. P., Daza, J. D. and Jackman, T. R. 2013. A preliminary phylogeny of the Palearctic naked-toed geckos (Reptilia:
Wagner and Bauer 2011	Wagner, P. and Bauer, A. M. 2011. A new dwarf Agama (Sauria: Agamidae) from Ethiopia. Breviora, 527: 1-19.
Graham et al 2013	Graham R., R., Niemiller, M. L. and Revell, L. J. 2014. Toward a tree-of-life for the boas and pythons: Multilocus species-level phylogeny with unprecedented taxon sampling
Hollis 2006	Hollis, J. L. 2006. Phylogenetics of the genus *Chironius* Fitizinger, 1826 (Serpentes, Colubridae) based on morphology. Herpetologica 62:435-45

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: Werne	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
lizards	
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.
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.
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-
Brown 1996	Brown, R. P. 1996. Thermal biology of the gecko Tarentola boettgeri: comparisons among populations from different elevations within Gran Canaria. Herpetologica, 52: 396-405.
Salvador and Brown 2007	Salvador, A. and Brown, R. P. 2007. Perenquen de Boettger – Tarentola boettgeri Steindachner, 1891. Version: 29-05-2007. Enciclopedia virtual de los vertebrados Espanoles.
Brown 2012	Brown, D. 2012. A guide to Australian dragons in captivity. Reptile Publications, Burleigh.
Bush 1992	Bush, B. 1992. Some records of reproduction in captive lizards and snakes. Herpetofauna 22: 26-30.
Bustard 1967	Bustard, H. R. 1967. Reproduction in the Australian gekkonid genus Oedura Gray 1842. Herpetologica, 23: 276-284.
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.
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.
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.
Cruz 1997	Cruz, F. B. 1997. Reproductive activity in Tropidurus etheridgei in the semiarid Chaco of Salta, Argentina. Journal of Herpetology 31: 444-450.
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.
Duellman 2005	Duellman, W. E. 2005. Cusco Amazónico: The lives of amphibians and reptiles in an Amazonian rainforest. Cornell University Press, Ithaca.
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-
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-
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.
Gardner 1994	Gardner, A. S. 1994. A new species of Asaccus (Gekkonidae) from the mountains of northern Oman. Journal of Herpetology, 28: 141-145.
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.
Hare 2005	Hare, K. M. 2005. The paradox of nocturnality in lizards. PhD Dissertation, Victoria University of Wellington.
Holmes 2004	Holmes, K. 2004. The female reproductive cycle of a viviparous skink, Oligosoma maccanni, in a subalpine environment
How et al. 1986	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.
How et al. 1990	How, R. A., Dell, J. and Wellington, B. D. 1990. Reproductive and dietary biology of Nephrurus and Underwoodisaurus (Gekkonidae) in Western Australia. Records of the Western Australian Museum 14: 449-459.
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.
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.
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.
Dunham et al. 1988	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.
mass: Warburg 1966, SVL: How et al. 1986	Warburg, M. R. 1966. On the water economy of several Australian geckos, agamids, and skinks. Copeia, 1966: 230-235.
Boulenger 1885	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,
Chapman and Dell 1985	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.
How et al. 1986	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.
Storr 1979	Storr, G. M. 1979. The Diplodactylus vittatus complex. Records of the Western Australian Museum 7: 391-402.
Storr 1988	Storr, G. M. 1988. The Diplodactylus ciliaris complex (Lacertilia: Gekkonidae) in Western Australia. Records of the Western Australian Museum, 14: 121-133.
Werner and Seifan 2006	Werner, Y. L. and Seifan, T. 2006. Eye size in geckos: asymmetry, allometry, sexual dimorphism, and behavioral correlates. Journal of Morphology 267: 1486-1500.
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.
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.
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.
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.
Salvador 2009	Salvador, A. 2009. Lagartija de las Pitiusas – Podarcis pityusensis (Bosca, 1883). Version 3-09-2009. Enciclopedia virtual de los vertebrados Espanoles.
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.
Shah 2002	Shah, B. 2002. Why do thick-tailed geckos (Underwoodisaurus milii) aggregate? Honors thesis, University of Sydney.
TAUM	based on specimens in the Natural History Museum. Tel Aviv University
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.
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.
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.
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.
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.
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.
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-
Vucko 2008	Vucko, M. J. 2008. The dynamics of water on the skin of Australian carphodactyline and diplodactyline geckos. MSc thesis, James Cook University.
Watkins 1996	Watkins, G. G. 1996. Proximate causes of sexual size dimorphism in the iguanian lizard Microlophus occipitalis. Ecology, 77: 1473-1482.
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.
Whitaker 1968	Whitaker, A. H. 1968. The lizards of the Poor Knights Islands, New Zealand. New Zealand Journal of Science 11: 623-651.
Withers et al. 2000	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.
Snakes	
Alexander 2007	Alexander G. 2007. Thermal biology of the Southern African Python (Python natalensis): does temperature limit its distribution? Biology of the boas and pythons (ed. By R.W. Henderson and R. Powell), pp 51-70. Eagle Mountain Publishing, Eagle Mountain, UT. natalensi
Aubert et al. 2005	AubretF, Bonnet X, Harris M, Maumelat S. 2005. Sex differences in body size and ectoparasite load in the ball python, Python regius. Journal of Herpetology 39: 315-320.
Barun et al. 2007	Barun A, Perry G, Henderson RW, Powel R. 2007. Alsophis portoricensis anegadae (Squamata: Colubridae): morphometric characteristics, activity patterns, and habitat use. Copeia 2007:
Braz et al. 2009	Braz HBP, Araujo CO, Almeida-Santos SM. 2009. Life history traits of the snake Phalotris lativittatus (Xenodontinae: Elapomorphini) from the Brazilian Cerrado. Herpetology Notes 2: 163-
Capula et al. 1995, Zuffi et al. 2010	Capula M, Filippi E, Luiselli L. 1995. Annual mating in female Colubrid snakes with irregular reproductive frequency. Herpetozoa 8: 11-15.
Chetri et al. 2009	Chettri B, Bhupathy S, Acharya BK. 2009. Morphometry and aspects of breeding biology of Trachischium guentheri boulenger, 1890 (serpentes: colubridae) in north Sikkim, eastern Himalaya, India. Russian Journal of Herpetology, 16(3), 177-182.
Dieckmann et al. 2010	Dieckmann S, Norval G, Mao JJ. 2010. A description of an Asian king snake (Dinodon rufozonatum rufozonatum [Cantor, 1842]) clutch size from central western Taiwan. Herpetology Notes 3: 313-314.
Faust & Blomquist 2011	Faust TM, Blomquist SM. 2011. Size and growth in two populations of black kingsnakes, Lampropeltis nigra, in east Tennessee. Southern Eastern Naturalist 10: 40-422.
Framco et al 2003	Franco FL, Ferreira TG, Marques OAV, Sazima I. 2003. A new species of hood-displaying Thamnodynastes (Serpentes: Colubridae) from the Atlantic forest in southeast Brazil. Magnolia
Franca et al. 2008	França FGR, Mesquita DO, Nogueira CC, Araújo AFB. 2008. Phylogeny and ecology determine morphological structure in a snake assemblage in the central Brazilian Cerrado. Copeia
Gorzula et al. 1997	Gorzula S, Nsiah WO, Oduro W. 1997. Survey of the status and management of the royal python (Python regius) in Ghana.
Greene & Jaksic 1992	Greene HW, Jaksic FM. 1992. The feeding behavior and natural history of two Chilean snakes, Philodryas chamissonís and. Revista Chilena de Historia Natural, 65, 485-493.
Inger et al. 1990	Inger RF, Zhao E, Bradley SH, Guanfu W. 1990. Report on a collection of amphibians and reptiles from Sichuan, China. Fieldiana: Zoology 58: i-iii, 1-24
Karns et al. 2010	Karns DR, Murphy JC, Voris HK. 2010. Semi-aquatic snake communities of the central plain region of Thailand. Tropical Natural History 10: 1-25.
King et al. 1999	King RB, Bittner TD, Queral-Regil A, Cline JH. 1999. Sexual dimorphism in neonate and adult snakes. Journal of Zoology 247: 19-28.
Luiselli et al. 1996,	Luiselli L, Capula M, Shine R. 1996. Reproductive output, costs of reproduction, and ecology of the smooth snake, Coronella austriaca, in the eastern Italian Alps. Oecologia 106: 100-110.
Moon & Candy 1997	Moon BR, Candy T. 1997. Coelomic and muscular cross-sectional areas in three families of snakes. Journal of Herpetology 31: 37-44.
Ota & Iwanaga 1997	Ota H, Iwanaga S. 1997. A systematic review of the snakes allied to Amphiesma pryeri (Boulenger) (Squamata: Colubridae) in the Ryukyu Archipelago, Japan. Zoological Journal of the Linnean Socticty 121, 339-360.
Parker & Brown 1974	Parker WS, Brown WS. 1974. Notes on the ecology of regal ringneck snakes (Diadophis punctatus regalis) in Northern Utah. Journal of Herpetology 8: 262-263.
Pearson et al. 2002	Pearson D, Shine R, Williams A. 2002. Geographic variation in sexual size dimorphism (Morelia spilota, Pythonidae). Oecologia 131: 418-426.
Quinn & Neitman 1978	Quinn HR, Neitman K. 1978. Reproduction in the Snake Boiga cynodon (Reptilia, Serpentes, Colubridae). Journal of Herpetology 12: 255-256.
Schumacher et al. 1997	Schumacher J, Lillywhite HB, Norman WM, Jacobson ER. Effects of ketamine HCl on cardiopulmonary function in snakes. Copeia 1997: 395-400.
Semlitsch et al. 1981	Semlitsch RD, Brown KL, Caldwell JP. 1981. Habitat Utilization, seasonal activity, and population size structure of the southeastern crowned snake Tantilla coronata. Herpetologica 37: 40-
Seymor 1987	Seymor RS. 1987. Scaling of cardiovascular physiology in snakes. American Zoologist 27: 97-109.
Shine et al 1996	Shine R, Harlow PS, Branch WR, Webb JK. 1996. Life on the lowest branch: sexual dimorphism, diet, and reproductive biology of an African twig snake, Thelotornis capensis (Serpentes, Colubridae). Copeia 1996: 290-299.
Shine et al 1998	Shine R, Harlow PS, Keogh JS, Boeadi. 1998. The allometry of life-history traits: insights from a study of giant snakes (Python reticulatus). Journal of Zoology 244: 405-414.
Stevenson et al. 2003	Stevenson DJ, Dyer KJ, Willis-Stevenson BA. 2003. Survey and monitoring of the eastern indigo snake in Georgia. Southern Naturalist 2: 393-408.
Todd et al. 2008	Todd BD, Willson JD, Winne CT, Semlitsch RD. 2008. Ecology of the South eastern Crowned Snake, Tantilla coronata. Copeia 2008: 388-394.
Trembath pt yl 2008	Trembath DF. 2008. A record of ophiophagy by the spotted python Antaresia maculosa (serpentes: Pythonidae) from Murray Falls National Park, north Queensland, Australia. Herpetofauna 38: 81-83.

Van Mierop & Barnard 1976	Van Mierop LHS, Barnard SM. Observations on the reproduction of Python molurus bivittatus (Reptilia, Serpentes, Boidae). Journal of Herpetology 10: 333-340.
Vitt & Valdinger 1983	Vitt LJ, Valdinger LD. 1983. Ecology of a snake community in northern Brazil. Amphibia-Reptilia 4: 273-296.
Vitt 1983	Vitt LJ. 1983. Ecology of an anuran-eating guild of terrestrial tropical snakes. Herpetologica 39: 52-66.
Weatherhead Gt el 1995	Weatherhead PJ, Barry FE, Brown GR, Forbes MRL. 1995. Sex ratios, mating behavior and sexual size dimorphism of the northern water snake, Nerodia sipedon. Behavioral Ecology and Sociobiology 36: 301-311.
Zug et al. 2011	Zug GR, Steve WG, Jeremy FJ. 2011. Pythons in Burma: Short-tailed python (Reptilia: Squamata). Proceedings of the Biological Society of Washington 124 (2): 112-136.
Zuffi tt nl 2010	Zuffi MAL, Fornasiero S, Picchiotti R, Rapoli P, Lomele M. 2010. Adaptive significance of food income in European snakes: body size is related to prey energetics. Biological Journal of the Linnean Society 100: 307-317.
	http://www.arkive.org/saint-lucia-racer/liophis-ornatus/

ain, UT.