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The ecology of lizard reproductive output

Shai Meiri[1]*, James H. Brown[2] and Richard M. Sibly[3]

[1]*Department of Zoology, Tel Aviv University, 69978 Tel Aviv, Israel,* [2]*Department of Biology, University of New Mexico, Albuquerque, NM 87131, USA and Santa Fe Institute, 1399 Hyde Park Road, Santa Fe, NM 87501, USA,* [3]*School of Biological Sciences, University of Reading, ReadingRG6 6AS, UK*

*Correspondence: Shai Meiri, Department of Zoology, Tel Aviv University, 69978 Tel Aviv, Israel.
E-mail: uncshai@post.tau.ac.il

ABSTRACT

Aim We provide a new quantitative analysis of lizard reproductive ecology. Comparative studies of lizard reproduction to date have usually considered life-history components separately. Instead, we examine the rate of production (productivity hereafter) calculated as the total mass of offspring produced in a year. We test whether productivity is influenced by proxies of adult mortality rates such as insularity and fossorial habits, by measures of temperature such as environmental and body temperatures, mode of reproduction and activity times, and by environmental productivity and diet. We further examine whether low productivity is linked to high extinction risk.

Location World-wide.

Methods We assembled a database containing 551 lizard species, their phylogenetic relationships and multiple life history and ecological variables from the literature. We use phylogenetically informed statistical models to estimate the factors related to lizard productivity.

Results Some, but not all, predictions of metabolic and life-history theories are supported. When analysed separately, clutch size, relative clutch mass and brood frequency are poorly correlated with body mass, but their product – productivity – is well correlated with mass. The allometry of productivity scales similarly to metabolic rate, suggesting that a constant fraction of assimilated energy is allocated to production irrespective of body size. Island species were less productive than continental species. Mass-specific productivity was positively correlated with environmental temperature, but not with body temperature. Viviparous lizards were less productive than egg-laying species. Diet and primary productivity were not associated with productivity in any model. Other effects, including lower productivity of fossorial, nocturnal and active foraging species were confounded with phylogeny. Productivity was not lower in species at risk of extinction.

Main conclusions Our analyses show the value of focusing on the rate of annual biomass production (productivity), and generally supported associations between productivity and environmental temperature, factors that affect mortality and the number of broods a lizard can produce in a year, but not with measures of body temperature, environmental productivity or diet.

Keywords
Body size, diet, insularity, mortality, oviparity, phylogenetic comparative methods, productivity, reproductive output, temperature, viviparity.

INTRODUCTION

Reproductive allocation is key to evolutionary and ecological success and usually varies systematically with body size. On a per unit mass basis, larger species have lower metabolic rates and lower rates of allocation of biomass to growth and reproduction (Blueweiss *et al.*, 1978; Calder, 1984). In lizards reproductive output is known to vary not only with body size but also with

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phylogenetic affinity and ecology (Dunham & Miles, 1985; Dunham *et al.*, 1988; Clobert *et al.*, 1998). Most comparative analyses of lizard life histories have considered effects of ecological factors on single clutches or litters (e.g. Dunham *et al.*, 1988; Shine, 1992; Kratochvíl & Kubicka, 2007). This approach cannot incorporate trade-offs in components of the life history that affect reproductive allocation over the course of a year. For example, geckos, anoles, and many skink and gymnophthalmid lizards have been excluded from comparative studies (e.g. Dunham & Miles, 1985; Hedges, 1985; Clobert *et al.*, 1998), because they have nearly fixed clutch sizes (Shine & Greer, 1991) although they may compensate for small clutches by frequent laying (e.g. Andrews & Rand, 1974).

Here we compile and analyse data on annual biomass production of lizards. Following Brown *et al.* (2004), Brown & Sibly (2006) and Sibly & Brown (2007), we define *Productivity* as the total mass of offspring produced in 1 year (hatchling or neonate mass × clutch size × number of clutches per year), and *Specific productivity* as productivity divided by the mass of the female. If some constant fraction of assimilated energy is allocated to the production of new biomass (Blueweiss *et al.*, 1978; Calder, 1984; Brown *et al.*, 2004; White *et al.*, 2007), then specific productivity should follow the same allometry as mass-specific metabolic rate, scaling as approximately the −0.25 to −0.2 power of body mass.

Although a negative relationship between specific productivity and body size is pervasive in animals (Ernest *et al.*, 2003), there is variation in productivity among clades and functional groups. Warne & Charnov (2008) studied body size/productivity relationships in lizards, and found no differences between egg-laying and viviparous species. They noted significant differences between two major groups, Scleroglossa and Iguania, which they tentatively attributed to differences in body shape and feeding strategies (note that most recent phylogenetic reconstructions consider Scleroglossa to be paraphyletic, e.g. Organ *et al.*, 2008; Albert *et al.*, 2009; Wiens *et al.*, 2010). Sibly & Brown (2007) and Hamilton *et al.* (2011) analysed the scaling of specific productivity in mammals, and found the expected negative relationship with mass but much variation among lineages and functional groups. They attributed this variation largely to between-lineage differences in extrinsic (= predation-induced) mortality and in the reliability of food supply.

Our aim here is twofold: (1) to quantify and analyse data on productivity, its components (clutch size, hatchling size and clutch frequency) and overall annual allocation to reproduction in lizards; (2) to test hypotheses about ecological factors and life-history characteristics, in addition to body size, that may affect allocation to reproduction. We have compiled a large dataset on lizard phylogeny, life history, body size and ecological traits to test several hypotheses for influences of these factors on specific productivity:

Mortality

Brown & Sibly (2006) suggested that reduced rates of predation-induced (= extrinsic) mortality will lead to reduced rates of production. This was on the basis that rates of biomass production and loss must balance for stable populations in the long term. We hypothesize that species endemic to islands will have low specific productivity, because on many islands they may experience relatively low extrinsic mortality. Arthropod abundances may be lower on islands (Janzen, 1973; Olesen and Valido 2003), further decreasing insular lizard productivity rates. Although Fitch (1985) found that island lizards usually have smaller clutches, Case (1982) claimed that lizards in predator-free insular environments are able to forage for longer, and therefore may attain higher rates of production. Additionally, we hypothesize that burrowing (= fossorial) lizards may face few predators compared with species active above ground, resulting in lower extrinsic mortality and, in turn, lower rates of production.

Temperature

We expect temperature to have both direct and indirect effects on lizard productivity. Specifically we hypothesize that lizards that live in warmer climates are diurnal rather than nocturnal, have higher body temperatures and should have higher rates of food intake, metabolism and hence production (e.g. Brown *et al.*, 2004). In warmer environments, at lower latitudes and elevations, lizards are predicted to have higher metabolic rates and extended diel (for nocturnal species) and, crucially, extended annual periods of activity, and to produce more broods per year (Inger & Greenberg, 1966; Adolph & Porter, 1993). Therefore we hypothesize that specific productivity will be correlated positively with both environmental and body temperature (perhaps surprisingly these variables are not correlated in our dataset: $n = 263$, slope $= 0.08 \pm 0.08$, $R^2 = 0.005$, $P = 0.27$) and that diurnal species will be more productive than nocturnal ones. Viviparity appears to be a frequent, convergent adaptation to cold climates in lizards (e.g. at high latitudes and elevations; Fitch, 1970). Viviparous species typically grow slowly (Dunham *et al.*, 1988), and have longer gestation times and therefore fewer broods per year than oviparous lizards, which can lay another clutch before the embryos of a previous clutch hatch. Additionally, clutch mass of viviparous species may be limited by selection for efficient locomotion and predator avoidance by pregnant females (Meiri, 2010). For these reasons we hypothesize that viviparous species will be less productive than oviparous ones.

Resources, diet and foraging

If reproductive allocation is limited by food availability, we further hypothesize that lizards in more productive environments will have higher specific productivity. Active-foraging and carnivorous species are lighter, more gracile, and are probably under selection to reduce the mass of eggs carried by the female and enhance efficiency of locomotion (Vitt & Congdon, 1978; Dunham *et al.*, 1988; Shine, 1992; Meiri, 2010). Therefore we hypothesize that active-foraging and carnivorous species will have lower specific productivity than sit-and-wait and herbivo-

rous species, respectively. Predicting relative rates of production on the basis of diet is, however, not straightforward. Although plant matter is often abundant, so herbivores might potentially have higher production rates (see Sibly & Brown 2007 for folivorous mammals), animal flesh is more nourishing and easier to digest. Carnivores often have higher metabolic rates than herbivores, with metabolic rates of omnivores being intermediate (McNab, 1986, 1995; Anderson & Jetz, 2005; cf. Clarke *et al.*, 2010). We note, however, that in endothermic vertebrates metabolic rates differ between folivores, nectarivores and frugivores, and that vertebrate eaters have higher metabolic rates than insectivores – the predominant mode of lizard feeding (McNab, 1986; Anderson & Jetz, 2005). Since we necessarily use rather crude dietary categories here, we may not be able to detect relationships between diet and productivity. Furthermore lizards tolerate irregular food availability more readily than endotherms (Pough, 1980), so their productivity may be less affected by diet.

Extinction risk

Species with lower reproductive rates may be more susceptible to extinction because they have lower population growth rates (e.g. Johnson, 2002; Cardillo *et al.*, 2005; Turvey, 2009). In lizards, Siliceo & Díaz (2010) found that (mainland) species with low reproductive output (small clutch size) were more prone to extinction than those with high reproductive output. Low production rates may therefore be associated with listing species as threatened with extinction.

Here we use species-specific traits in a phylogenetic framework to assess the intrinsic and ecological factors that affect specific productivity. Previous studies of reproductive effort in vertebrates were aimed at estimating just the overall slope effect of reproductive allometry rather than the ecological factors affecting it (Warne & Charnov, 2008), focused on single clutches or litters (e.g. Dunham *et al.*, 1988) or else were conducted in a way that did not enable teasing apart the influences of ecology and phylogeny (e.g. Sibly & Brown, 2009). Our dataset enables us to explicitly test the above-mentioned hypotheses for factors that may affect reproductive rates. Rather than focusing on the overall slope of the allometric relationship across all lizards, we are mainly interested here in the ecological factors responsible for the considerable variation around the regression line (Nee *et al.*, 2005).

METHODS

Body size and productivity

We used data compiled from the literature to analyse the relationships between specific productivity and body size, phylogenetic affinity and the above-mentioned ecological and life-history attributes. The dataset included 551 of the approximately 5600 recognized lizard species. Where multiple values were reported for a species we used the mean of the smallest and largest published values (see below). Lizard size is most often reported as snout–vent length (SVL), whereas it is natural to relate productivity to metabolism and therefore to body mass, *M*. In lizards, however, body shape varies widely, so that SVL may not provide an accurate reflection of body mass (Vitt & Congdon, 1978; Hedges, 1985; Shine, 1992; Greer & Wadsworth, 2003). Much of the variation in body weight that is not explained by SVL can be attributed to the degree of limb development and to phylogenetic affinity (Meiri, 2010). Therefore, to account for shape differences, we estimated the body mass of both adults and juveniles from SVL using family-specific equations (Table 3 in Meiri, 2010), or higher-clade equations (i.e. Table 2 in Meiri, 2010) when family-level equations were unavailable. The masses of legless and leg-reduced lizards were estimated using equations derived for such species [ordinary least squares (OLS) regressions, Tables 1 and 3 in Meiri, 2010]. Because lizards continue to grow well after attaining sexual maturity, size ranges of adults are commonly reported and used in comparative analyses of lizards (Meiri, 2008). Here we used mean adult female SVL wherever possible ($n = 431$), and when means were unavailable we used the midpoint between minimum and maximum adult female size ($n = 59$). For species where data for females were unavailable ($n = 36$), we used the means (22) or midpoints (14) reported without reference to gender. The basis for size calculation did not influence the results (not shown). Mass data were $\log_{10}$-transformed in all analyses to normalize the residuals and equalize variance, and because the biological effects of body size are inherently multiplicative (it is how many times larger or smaller that matters, not how many grams heavier or lighter).

Because we estimated mass-specific productivity as (hatchling mass) × (clutch size) × (number of clutches per year)/(female mass), plotting this measure as a function of female mass has the disadvantage that ratios of random numbers regressed against their denominator will automatically yield negative correlations (Atchley *et al.*, 1976). We nonetheless use this ratio for several reasons:

1. The problem of spurious correlation is not serious when the correlation between numerator and denominator is high (Smith, 1999). In our data the correlation between productivity and female mass is $r = 0.90$.

2. The use of ratios did not affect our calculated estimates of coefficients, standard errors and probabilities of other variables, and the effect was to lower the allometric slope for specific productivity by exactly 1 as predicted: the slope of the regression of whole-organism productivity against female mass is 0.84 ($R^2 = 0.80$), and significantly lower than 1, while the allometric slope of specific productivity is −0.16.

3. The use of ratios allows direct comparisons with previous work (Sibly & Brown, 2007, 2009), while not compromising testing of the above hypotheses. Specific productivity values were $\log_{10}$-transformed in all analyses to normalize the residuals and equalize variances, and to be consistent with standard allometric analysis.

Hatchling mass was estimated from SVLs of hatchlings or neonates using the same allometric equations used for adults.

This assumes that the body mass/body shape does not change during ontogeny – which is probably true (Meiri, 2010). Because the allometric equations are family-specific, this is only likely to affect our results if ontogenetic shape changes vary between families. Clutch size is the geometric mean of the lowest and highest reported mean clutch size (and of clutch size if means were unavailable). Clutch frequency is the geometric mean of minimum and maximum reported clutch (or brood) frequency.

Ecological attributes

Ecological traits were derived and coded as follows:

1. Mortality-related

a. Insularity: species were classified as endemic to islands or as mainland species, using data from Meiri *et al.* (2011).

b. Burrowing: we classified lizards as fossorial or surface active (including semi-fossorial species; classifying the latter as fossorial did not change the results).

2. Temperature-related

a. Environmental temperature: we used digitized published species range maps (see Powney *et al.*, 2010 and http://www3.imperial.ac.uk/cpb/workshops/globalassessmentofreptiledistributions) to obtain temperature data (mean value of mean annual temperature in 150″ × 150″ grid cells, data from Hijmans *et al.*, 2005) for all species for which we had distribution maps.

b. Body temperature: we used literature data on the mean body temperature of active lizards. Where more than one value was reported for a species we used the midpoint of the range of measurements.

c. Diel activity, diet, and foraging mode: lizards were classified as diurnal, nocturnal or cathemeral (active both day and night).

d. Mode of reproduction: reproductive strategy was coded as oviparous or viviparous (including ovoviviparous). For seven species in which reproductive strategies vary between populations we used the mode of reproduction in the population which was the source for reproductive data. For example, *Plestiodon tetragrammus* was classified as oviparous, because our reproduction data are from Degenhardt *et al.* (1996), who mention there is but a single known case of viviparity in this species.

3. Environmental productivity-related

a. Primary productivity was calculated as average net primary productivity (NPP, mean value across grid cells, data from Imhoff *et al.*, 2004, $\log_{10}$-transformed) within the species ranges (see above for temperature).

b. Foraging: we classified foraging mode as either sit-and-wait, active-foraging or mixed. Data were obtained from the literature.

c. Diet: diet was treated as a carnivore, omnivore, herbivore trichotomy according to the criteria of Meiri (2008). We did not distinguish between vertebrate and invertebrate feeding, because most carnivorous lizards seem to gradually consume more vertebrate food with increasing size (S.M., pers. obs.). Data were obtained from the literature.

4. Extinction risk: we used threat categories from the IUCN Red List of threatened species (IUCN, 2009) to classify species dichotomously: those in Red List categories 'least concern' and 'near threatened' were considered to be non-threatened, whereas those in categories 'vulnerable', 'endangered', or 'critically endangered' were considered to be threatened. In an alternative coding we used '1' for the least concern category, and 2, 3, 4 and 5 for the near threatened, vulnerable, endangered and critically endangered ones, respectively. Species in the 'Data Deficient' category were omitted.

Phylogenetic and statistical analyses

We created a composite phylogeny from published phylogenetic hypotheses (Appendix S1 in Supporting Information). Lacking branch lengths for most of the tree, we scaled branches to make the tree ultrametric using the cladogram transform in FigTree (Rambaut, 2010). We used phylogenetically corrected general linear models (Freckleton *et al.*, 2002) implemented in the R package CAIC (Orme, http://r-forge.r-project.org/projects/caic/) to account for phylogenetic non-independence, adjusting the strength of phylogenetic non-independence using the maximum likelihood value of the scaling parameter, Pagel's λ.

Statistical analyses were performed in R 2.11.1 (R Development Core Team, 2010). The highest correlation coefficient between continuous predictors in our dataset is 0.22 (between environmental temperature and body mass), hence multicollinearity is probably not a serious issue. We had data for all species for mass, mode of reproduction, insularity and fossoriality, and for > 94% of the species for diet, activity times, environmental temperature and NPP. However, we only had data for 53% of the species for body temperature, for 50% for foraging strategy and 49% for IUCN threat category. We therefore used a two-stage model evaluation process: (1) start with a full model of variables for which we had data for > 94% of the species, and simplify it as suggested by Crawley (2007, pp. 328–332) starting with interaction terms; (2) sequentially add the variables for which we had data for a smaller proportion of the species, to the minimum adequate model identified in (1).

RESULTS

Components of lizard reproductive allometry

Our dataset comprises 551 species in 27 lizard and amphisbaenian families (Appendix S2). The allometries of the life-history traits and productivity are shown in Fig. 1 and Table 1a. Clutch size increased, clutch frequency generally decreased and relative clutch mass did not vary with increasing body size (Fig. 1a–c). Whole-organism production rate increased with body size, as expected, and this relationship was much tighter than the others ($R^2 = 0.80$, Fig. 1d). Hatchling mass increased with female mass (slope 0.711 ± 0.014, $R^2 = 0.82$). All these patterns have a strong phylogenetic signal: addition of family improved all non-phylogenetic models ($P < 0.001$, $\Delta AIC > 160$ in all cases, overall R^2 increases by 6 to 45%, Appendix S3). Allowing slopes to vary between families (adding a family:

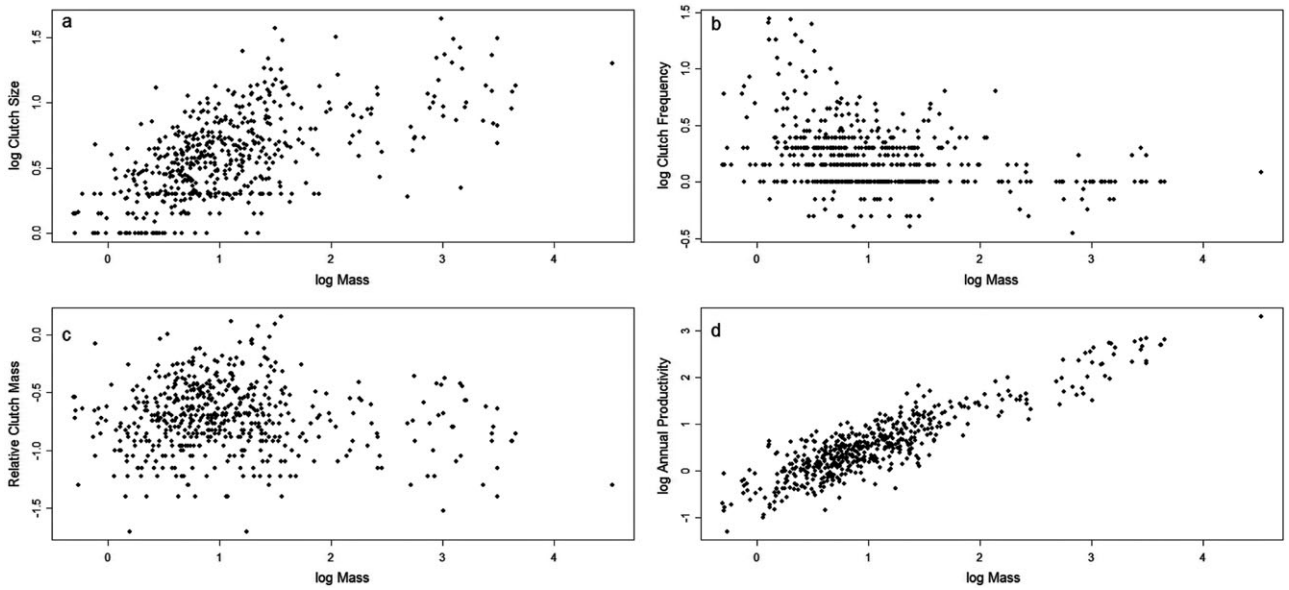

Figure 1 Allometry of reproductive components: plots on logarithmic axes of (a) clutch size, (b) number of clutches per year, (c) relative clutch mass (g), and (d) whole-organism annual biomass production as a function of female body mass.

Table 1 Allometry of reproductive traits in lizards based on linear regression models of log-transformed data with female mass as the predictor variable.

(a) Non-phylogenetic models

Dependent variable	Intercept	Slope	R^2	Slope with family as factor	R^2 with family as factor	R^2 (with mass: family interaction)
Clutch size	0.301 ± 0.019	0.259 ± 0.015	0.362	0.195 ± 0.017	0.681	0.724
Clutch frequency	0.336 ± 0.020	−0.125 ± 0.015	0.109	−0.094 ± 0.018	0.523	0.568
Relative clutch mass (g)	0.255 ± 0.014	−0.009 ± 0.010	0.001	−0.050 ± 0.012	0.453	0.484
Productivity (g year^{-1})	−0.339 ± 0.024	0.844 ± 0.018	0.798	0.790 ± 0.024	0.863	0.870

(b) Phylogenetic models

Dependent variable	Intercept	Slope	R^2	λ
Dependent variable	Intercept	Slope	R^2	λ
Clutch size	0.300 ± 0.080	0.211 ± 0.017	0.210	0.82
Clutch frequency	0.252 ± 0.089	−0.054 ± 0.019	0.014	0.83
Relative clutch mass (g)	0.293 ± 0.057	−0.063 ± 0.014	0.035	0.73
Productivity (g year^{-1})	−0.339 ± 0.087	0.805 ± 0.025	0.651	0.58

$n = 551$ in all cases. All variables except relative clutch mass were $\log_{10}$-transformed. All tests are significant (at $\alpha = 0.01$) except the non-phylogenetic allometry of relative clutch mass ($P = 0.37$). Slopes and intercepts are reported with standard errors.

mass interaction term) further improved models for clutch size and frequency, but not for productivity and relative clutch mass (for which AIC scores increased, Appendix S3). Pagel's λ, a measure of the influence of phylogeny, was always significantly higher than 0 (no phylogenetic effect) and lower than 1 (identical to a phylogeny-dependent Brownian motion model of evolution) (Table 1b).

Traits affecting allocation to production

Non-phylogenetic analysis

The slope of the relationship between specific productivity and female body mass was –0.16 ± 0.02 SE [95% confidence interval (CI) –0.124 to –0.197]. There were major differences in normal-

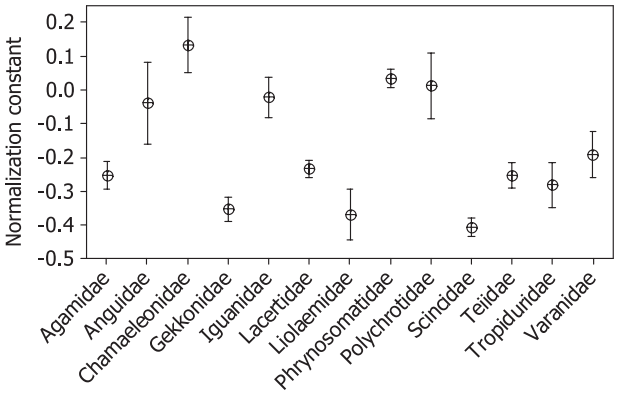

Figure 2 Productivity in different lizard families. Normalization constants indicate the relative productivity ($\log_{10}$ scale) of the families and were obtained by fitting parallel lines to the data of Figure 3 and recording their *y*-intercepts. Vertical bars indicate standard errors. Only families with 10 or more species are shown.

ization constants (i.e. the intercepts of the allometric equation) among families ($F_{26,523} = 8.94$, $P < 0.0001$, Fig. 2), but no significant family × body mass interactions ($F_{20,503} = 1.31$, $P = 0.17$, Fig. 3). The normalization constants for the 13 best-represented families (with 10 or more species) cover a range of 0.57 $\log_{10}$ units or about 3.5-fold. The most productive families, horned lizards (Phrynosomatidae), anoles (Polychrotidae) and chameleons (Chamaeleonidae) are 2–3.5 times more productive than geckos, skinks and liolaemids (Gekkonidae, Scincidae and Liolaemidae, respectively) (Fig. 2, Appendix S3b).

The best stage 1 non-phylogenetic model ($n = 526$ species) explained 19% of the variation in specific productivity and included all predictors except diet (with no significant interactions) (Fig. 3). In addition to the large effect of mass (slope –0.18 ± 0.02), we found that:

1. Insular and fossorial species were less productive than mainland lizards and those active above ground respectively (intercept differences of 0.09 ± 0.04 and 0.16 ± 0.08 log units for insularity and fossoriality, respectively, $P = 0.04$ in both cases).

2. Specific productivity increased with increasing environmental temperature (slope = 0.009 ± 0.003, $P = 0.002$), viviparous species were less productive than oviparous ones (difference of 0.14 ± 0.04 log units, $P = 0.0001$) and diurnal species were more productive than nocturnal but not cathemeral lizards (differences: 0.12 ± 0.04 and 0.07 ± 0.06 $\log_{10}$ units, $P = 0.005$ and 0.22, respectively). Interestingly, however, within both skinks and geckos, the only families containing both diurnal and nocturnal forms, species with different activity times have similar specific productivities: Controlling for size, nocturnal species had a higher normalization constant than that of diurnal species by 0.01 ± 0.09 in skinks and 0.021 ± 0.14 in geckos ($P = 0.88$ in both cases). Adding other predictors did not make activity time a significant factor.

Viviparous lizards (n = 105) reproduce less frequently than oviparous species (n = 446), having, on average, less than half as many clutches per year (1.01 vs. 2.44, respectively: t = 9.09, P < 0.0001). Among species producing only one clutch per year, there was no significant difference in specific production between oviparous and viviparous species: controlling for size, viviparous species were less productive by 0.01 ± 0.05 log10 units (P = 0.86, adding other predictors does not make mode of reproduction become a significant factor). Body temperatures were not significantly associated with specific productivity when added to the best stage 1 model (slope 0.002 ± 0.005, P = 0.68).

3. Specific productivity decreased with increased NPP (slope –0.074 ± 0.036; $P = 0.04$). Diet was not significantly correlated with specific productivity, and was therefore excluded from the best stage 1 model. Specific productivity was higher in sit-and-wait species ($n = 118$) and mixed strategists ($n = 27$) than in active foragers ($n = 132$) (by 0.13 ± 0.04 and 0.23 ± 0.07 $\log_{10}$ units, $P = 0.001$ and 0.001, respectively, with foraging mode added to the best stage 1 model).

4. IUCN threat category was unrelated to specific productivity when added to the best stage 1 model (threatened species more productive by 0.012 ± 0.06 log units, $P = 0.84$, when threat is modelled as a continuous variable the slope is 0.014 ± 0.021, $P = 0.50$).

Overall body mass explained the majority of variation in specific productivity across species (12.4% in the best stage 1 model, based on partial R^2 scores), with mode of reproduction, activity time and environmental temperatures contributing each an additional 1.3–2.4%, while insularity (0.7%), NPP (0.7%) and fossoriality (0.6% added explained variance) were less important.

Phylogenetic analysis

As suggested by the above effect of family, specific productivity was associated with phylogeny: $\lambda = 0.6$ in the best stage 1 model (different from 0 and 1, both $\chi^2 > 140$, $P < 0.001$). In the phylogenetically explicit model, specific productivity decreased with increasing body size with a somewhat steeper (more negative) slope than in the non-phylogenetic analysis (slope = –0.20 ± 0.03, $t = 7.75$, $P < 0.0001$). The best stage 1 model ($n = 526$ species) explained 15% of the variation in specific productivity. It contained no interaction terms. The differences between the phylogenetic and non-phylogenetic analyses are summarized in Table 2.

Effects of the ecological variables in the phylogenetic model were as follows.

1. Island endemics are less productive than continental lizards (by 0.09 ± 0.04 $\log_{10}$ units, $t = 2.20$, $P = 0.028$). Fossoriality was not associated with specific productivity.

2. Viviparous species were less productive than oviparous ones (by 0.17 ± 0.05 $\log_{10}$ units, $t = 3.78$, $P = 0.0001$) and specific productivity increased with increasing environmental temperatures (slope = 0.007 ± 0.003, $t = 2.20$, $P = 0.028$). Activity time was unrelated to specific productivity and body temperature was not significant when added to the best stage 1 model ($n = 277$, slope = 0.001 ± 0.006, $t = 0.15$, $P = 0.88$).

3. Specific productivity was not significantly correlated with either NPP or diet, and foraging strategy was likewise not sig-

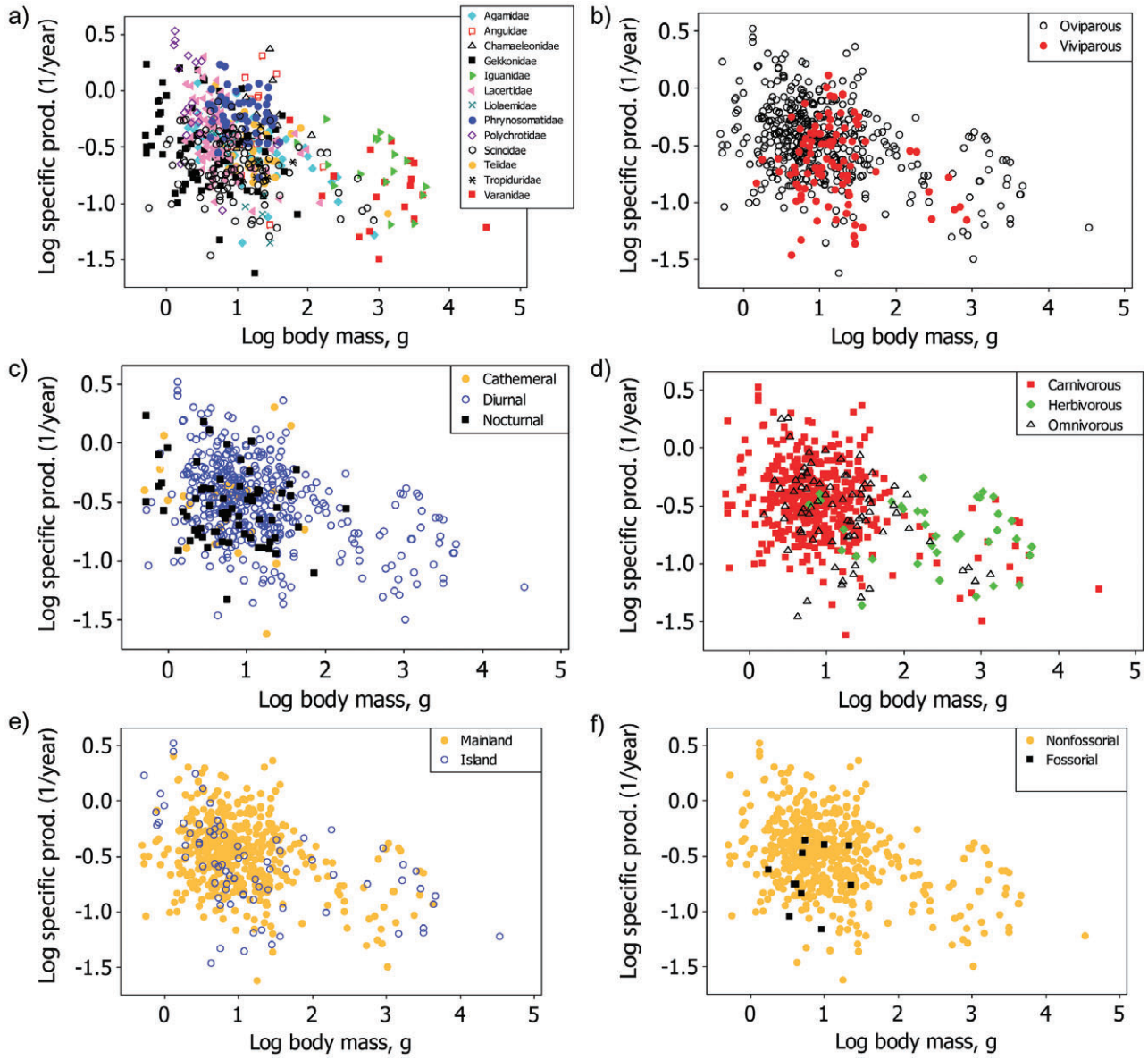

Figure 3 Effects of associations between lineages (families, only those with 10 or more species are shown), life-history traits, ecological variables and specific productivity (specific prod.): (a) family, (b) mode of reproduction, (c) activity time, (d) diet, (e) insularity, and (f) fossoriality. Associations with the various factors are shown by superposition on plots of mass-specific productivity as a function of female body mass on log-transformed axes. Specific productivity (mass of offspring produced yearly, divided by female mass) units are 1/year.

nificant when added to the best stage 1 model ($n = 270$, sit-and-wait foragers with a lower normalization constant than active foragers by only 0.03 ± 0.05 log units, $t = 0.52$, $P = 0.60$).

4. IUCN extinction risk category was not associated with specific productivity, regardless of whether treated as a continuous or dichotomous variable ($n = 265$, slope = 0.0005 ± 0.017, $t = 0.03$, $P = 0.98$; threatened species are less productive by only 0.04 ± 0.05 log units, $t = 0.80$, $P = 0.43$).

DISCUSSION

Lizard productivity is strongly correlated with body mass, but clutch size, clutch frequency and relative clutch mass are much less so (Fig. 1). This makes a compelling case for using annual productivity, which integrates reproductive output over the entire year, as the best single quantitative measure of allocation to reproduction. Variations in the individual components of productivity with body size are similar to those reported previously: (1) clutch size increases (e.g. Fitch, 1970; Tinkle *et al.*, 1970; Dunham & Miles, 1985; Clobert *et al.*, 1998), (2) clutch frequency decreases (Dunham & Miles, 1985), and (3) hatchling body mass increases (Andrews & Rand, 1974).

The allometric relationships shown in Fig. 1 all vary among clades (Table 1, see also Clobert *et al.*, 1998; Kratochvíl & Frynta, 2006; Warne & Charnov, 2008). The largest clutches are laid not only by very large monitor lizards (Varanidae) and

Table 2 Comparison of the results of the phylogenetic and non-phylogenetic models.

Factor	Non-phylogenetic model	Phylogenetic model
Body size	Large species are less productive	Large species are less productive
Insularity	Insular species are less productive	Insular species are less productive
Fossoriality	Fossorial species are less productive	n.s.
Environmental temperature	Species in cold environments are less productive	Species in cold environments are less productive
Body temperature	n.s.	n.s.
Mode of reproduction	Viviparous species are less productive	Viviparous species are less productive
Activity time	Diurnal species are more productive	n.s.
NPP	Productivity decreases with increasing NPP	n.s.
Diet	n.s.	n.s.
Foraging	Sit-and-wait species are more productive	n.s.
IUCN category	n.s.	n.s.

NPP, net primary productivity; IUCN category, level of extinction threat; n.s., non-significant.

iguanas (Iguanidae), but also by medium-sized chameleons (Chamaeleonidae). Similarly anoles, not the smallest lizards, produce the smallest clutches (invariably laying a single egg), but lay frequently and, because of the extended reproductive season in their tropical and subtropical environments, often produce clutches throughout the year. The result is that tropical anoles and chameleons are among the most productive lizards (i.e. with high residuals in a non-phylogenetic regression of productivity on body mass). By contrast, many of the least productive species are viviparous inhabitants of cold climates at high elevations or high latitudes (e.g. some Andean *Phymaturus* and *Liolaemus*, New Zealand *Hoplodactylus* geckos and Tasmanian *Niveoscincus* skinks); they reproduce very infrequently, often taking more than a year to complete a reproductive cycle. Other species with low productivity include viviparous fossorial skinks (e.g. *Typlosaurus* and *Chalcides*) – species that probably encounter little predation-induced mortality and reproduce infrequently.

The decrease in specific productivity with body size was expected, and the slope is not far from the −0.24 suggested by scaling of mass-specific metabolic rate in reptiles (White *et al*., 2007). Similar slopes were reported by Warne & Charnov (2008), although our dataset contains nearly five times as many species and we used somewhat different methods for compiling and standardizing data and for statistical analysis. Similarity in allometries of metabolic rate and productivity indicates that across species, which differ conspicuously in ecology and phylogenetic affinity, lizards generally allocate an approximately constant fraction of metabolic energy to reproduction in the form of production of new biomass.

Our results, while showing considerable variation in rates of production among and within phylogenetic lineages and ecological types (Nee *et al*., 2005), provided mixed support for our hypotheses based on metabolic theory, life-history theory and previous studies of lizard ecology.

Mortality

As expected, insular lizards are less productive than mainland ones. Some of the insular endemics in our dataset, however, inhabit very large islands (e.g. Cuba, Tasmania), and some of these islands hold a diverse array of avian, ophidian and even mammalian carnivores (e.g. Taiwan). Even within species lizard body size differs between islands (Hasegawa, 1994; Meiri, 2007), and the ecological conditions prevailing on different islands play a crucial role in shaping life-history characteristics (Raia & Meiri, 2006). Thus equating insularity with reduced predation is at best an oversimplification. Furthermore, while fossorial species are less productive than surface-active lizards, this effect is confounded with phylogeny, so it may stem from factors unrelated to mortality.

Temperature

The metabolic theory of ecology predicts that lizards should be more productive when body temperatures are higher. Our data suggest that productivity is not related to body temperature but is related to environmental temperature. This is reflected in the fact that directly measured body temperatures and phylogeny-independent activity times came out as unimportant, while both environmental temperatures and reproductive mode strongly affect productivity. We suggest that this is probably because mean annual temperature reflects the length of the reproductive season – which we also found to be the factor causing the lower productivity of viviparous species. Species inhabiting colder, presumably more seasonal, climates cannot reproduce so often, and neither can viviparous species, constrained by their lengthy pregnancies. In temperate environments with seasonal time constraints, lizards may accelerate growth (Meiri & Yom-Tov, 2004) and reproduce at smaller sizes, leading to smaller clutches. Brood frequency (log-transformed, corrected for mass) increases with environmental temperatures (slope 0.02,

$P < 0.001$), supporting the notion that season length is a major factor shaping lizard reproduction. The relationship between productivity and temperature warrants further investigation, in part because of problems in standardizing measurements of 'body temperature' in lizards, many of which exhibit wide daily and seasonal variation, and engage in behavioural thermoregulation.

Environmental productivity

Measures of energy availability and expenditure seem not to affect lizard reproductive output. Differences between sit-and-wait and active foragers are confounded with phylogeny and should be treated with caution. Productivity is negatively correlated with NPP (and uncorrelated when phylogeny is taken into account) or with diet, suggesting that the availability of food to individual lizards is not higher in more productive environments. Perhaps population densities are also higher in such environments (Buckley *et al.*, 2008), resulting in similar resource availability per individual. This is consistent with the general view that vertebrates in productive tropical rain forests have low productivity, long life spans and generally slow life histories, and with the findings of Anderson & Jetz (2005) for geographic variation in field metabolic rates of birds and mammals.

Extinction risk

Surprisingly, and unlike the well-documented situation in mammals (Johnson, 2002; Cardillo *et al.*, 2005; Davidson *et al.*, 2009) and mainland lacertids lizards (Siliceo & Díaz, 2010), lizard species identified by the IUCN as threatened with extinction do not have unusually low productivities reflecting 'slow' life histories. Extinction risk in lizards apparently depends more on factors such as geographic range size and population density than on productivity.

The results of our non-phylogenetic and phylogenetically explicit analyses, while broadly similar, nevertheless contain some discrepancies (Table 2). The similar productivity of diurnal and nocturnal geckos and skinks, as well as the lack of body temperature effects, suggest that the significant effect of activity time we found using non-phylogenetic models is an artefact. Foraging mode varies within some lineages, suggesting that a phylogenetic analysis would have sufficient power to reject the null had a true relationship with productivity existed. Hence for foraging mode too it is reasonable to prefer the results of the phylogenetic analysis over the non-phylogenetic one. The discrepancy in the results for fossoriality is more difficult to interpret. Fossoriality has evolved only a few times – in skinks (a few times), pygopodids and amphisbaenians, three clades with relatively low reproductive output (Appendix S3). The low number of independent evolutions of fossoriality will result in phylogenetic comparative analyses, which, perhaps unjustifiably, give priority to phylogenetic effects over ecological ones (Westoby *et al.*, 1995), having low power to reject the null. Thus we suspect that in this case the non-phylogenetic result, that fossorial species are less productive than other taxa, may well represent evolutionary reality, even though it was rejected in the phylogenetic analysis.

Body size alone explained 80% of the variation in whole-organism allocation to production on an annual basis. The similar scaling of productivity and metabolic rate with body size implies that in general lizards allocate a constant fraction of metabolic energy to reproduction. When whole-organism productivity is divided by body size to obtain specific productivity, much of this size-dependent variation is obscured, some 80% of the variation in specific productivity remains unexplained. Nevertheless, our analysis generally supported associations between productivity and factors that affect mortality and the number of broods a lizard can produce in a year, but not with measures of body temperatures, environmental productivity or diet. By analysing a large dataset, incorporating a phylogenetic perspective and combining the life-history components into a single measure of annual productivity, this study goes beyond earlier ones (e.g. Tinkle *et al.*, 1970; Dunham *et al.*, 1988; Clobert *et al.*, 1998; Shine, 2005; Warne & Charnov, 2008) to provide additional insights into how allometric constraints and ecological factors have shaped the reproductive biology of lizards.

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SUPPORTING INFORMATION

Additional Supporting Information may be found in the online version of this article:

Appendix S1 The phylogenetic hypothesis used, and what it is based on.

Appendix S2 Lizard trait dataset.

Appendix S3 Components of production allometry.

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BIOSKETCHES

Shai Meiri is a senior lecturer at the Department of Zoology, Tel Aviv University. He is interested in trait evolution, the tempo and mode of evolution, the evolutionary implications of biogeography, vertebrate evolution and functional diversity.

James Brown is a Distinguished Professor of Biology at the University of New Mexico. His recent research has focused on patterns related to body size and the search for fundamental mechanistic principles that produce or constrain such allometric relationships.

Richard M. Sibly is a professor at the School of Biological Sciences, University of Reading. He is interested in integrating life-history theory with metabolic ecology and in developing new population ecology theory applicable to real landscapes.

R.M.S., J.H.B. and S.M. conceived the ideas; S.M. collected and analysed the data; S.M., R.M.S. and J.H.B. led the writing.

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Appendix 1
The phylogenetic hypothesis used, and what it is based on

a. Newick code
b. Sources

a.

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:15,Chondrodactylus_angulifer:15,Christinus_marmoratus:15):1,((Teratoscincus_sci
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alis:5):2):2,(Pedioplanis_burchelli:8,Pedioplanis_namaquensis:8):1):2,(Heliobolu
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allotia_stehlini:4):1,Gallotia_atlantica:5):1):8):1):3,((((((((((Aspidoscelis_i
nornata:2,Aspidoscelis_exsanguis:2,Aspidoscelis_sonorae:2,Aspidoscelis_uniparens
:2,Aspidoscelis_velox:2):1,Aspidoscelis_sexlineata:3):2,((Aspidoscelis_gularis:2
,Aspidoscelis_laredoensis:2,Aspidoscelis_scalaris:2):2,Aspidoscelis_burti:4):1):
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s_marmoratus:1,Aspidoscelis_tigris:1):6):1,(Aspidoscelis_dixoni:1,Aspidoscelis_n
eomexicanus:1,Aspidoscelis_tesselatus:1):7):1):1,Cnemidophorus_ocellifer:10):1,(
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sul:1,Ameiva_festiva:1,Ameiva_fuscata:1,Ameiva_quadrilineata:1):11):1,(Cnemidoph
orus_lacertoides:1,Cnemidophorus_vacariensis:1):12):2,(Teius_oculatus:1,Teius_te
you:1):14):1,Tupinambis_teguixin:16):1,(((Potamites_ecpleopus:4,Cercosaura_schre
ibersii:4):2,Gymnophthalmus_speciosus:6):1,Leposoma_rugiceps:7):10):1):9,(((((Ba
siliscus_basiliscus:1,Basiliscus_vittatus:1):22,((((Anolis_roquet:17,(Anolis_bah
orucoensis:16,((Anolis_argenteolus:1,Anolis_lucius:1):14,(((((((Anolis_limifrons
:4,Anolis_lionotus:4):4,((Anolis_cupreus:1,Anolis_polylepis:1):4,(Anolis_interme
dius:1,Anolis_tropidolepis:1):4):3):1,Anolis_nebulosus:9):2,((Anolis_opalinus:3,
Anolis_valencienni:3):1,Anolis_lineatopus:4):7):1,Anolis_sagrei:12):1,(Anolis_sa
banus:9,Anolis_acutus:9):4):1,Anolis_carolinensis:14):1):1):1):1,((((((Plica_pli
ca:1,Plica_umbra:1):1,Uracentron_flaviceps:2):6,(((Tropidurus_torquatus:4,Tropid
urus_etheridgei:4):2,Tropidurus_semitaeniatus:6):1,Tropidurus_spinulosus:7):1):3
,(Stenocercus_chrysopygus:2,Stenocercus_dumerilii:2):9):1,Polychrus_acutirostris
:12):2,Leiocephalus_psammodromus:14):4):1,((((((Sauromalus_hispidus:1,Sauromalus
_varius:1):1,Sauromalus_ater:2,Sauromalus_obesus:2):4,((((Cyclura_carinata:2,Cyc
lura_cornuta:2):1,(Cyclura_cychlura:1,Cyclura_nubila:1):2):1,Cyclura_pinguis:4):
1,Iguana_iguana:5):1):1,(((Conolophus_pallidus:1,Conolophus_subcristatus:1):2,Am
blyrhynchus_cristatus:3):1,(Ctenosaura_pectinata:1,Ctenosaura_similis:1):3):3):1
,Brachylophus_fasciatus:8):1,Dipsosaurus_dorsalis:9):10):3,((((((Phrynosoma_mode
stum:4,((Phrynosoma_ditmarsi:1,Phrynosoma_hernandesi:1):1,Phrynosoma_douglassii:
2):2):2,(((Phrynosoma_mcallii:1,Phrynosoma_platyrhinos:1):3,(Phrynosoma_blainvil
lii:3,Phrynosoma_coronatum:3):1):1,Phrynosoma_solare:5):1):3,Phrynosoma_cornutum
:9):1,(((((Holbrookia_maculata:1,Holbrookia_propinqua:1):1,Holbrookia_lacerata:2
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l:3):2):5):10,((((Urosaurus_graciosus:1,Urosaurus_ornatus:1):2,Urosaurus_bicarin
atus:3):14,((Sceloporus_cozumelae:2,Sceloporus_variabilis:2):14,(Sceloporus_utif
ormis:15,((Sceloporus_gadoviae:13,(((Sceloporus_horridus:5,(Sceloporus_formosus:
4,Sceloporus_malachiticus:4):1):6,((Sceloporus_magister:3,Sceloporus_orcutti:3):
7,(((((((Sceloporus_serrifer:2,Sceloporus_cyanogenys:2):1,(Sceloporus_mucronatus
:1,Sceloporus_poinsettii:1):2):2,Sceloporus_omiltemanus:5):1,(Sceloporus_torquat
us:3,Sceloporus_jarrovii:3):3):1,Sceloporus_grammicus:7):1,((Sceloporus_scalaris
:3,(Sceloporus_slevini:2,Sceloporus_aeneus:2):1):4,(((((Sceloporus_undulatus:1,S
celoporus_woodi:1):1,Sceloporus_consobrinus:2):2,Sceloporus_virgatus:4):1,Scelop
orus_occidentalis:5):1,Sceloporus_olivaceus:6):1):1):1,Sceloporus_clarkii:9):1):
1):1,(Sceloporus_arenicolus:1,Sceloporus_graciosus:1):11):1):1,Sceloporus_merria
mi:14):1):1):1):2,Uta_stansburiana:19):1):1,((((Liolaemus_elongatus:2,Liolaemus_
pictus:2):4,Liolaemus_bibronii:6):8,(((((Liolaemus_boulengeri:9,Liolaemus_koslow
skyi:9):1,(Liolaemus_wiegmannii:2,Liolaemus_lutzae:2):8):1,(Liolaemus_andinus:1,
Liolaemus_huacahuasicus:1,Liolaemus_signifer:1):10):1,Liolaemus_lineomaculatus:1
2):1,Liolaemus_scolaroi:13):1):1,((Phymaturus_zapalensis:2,Phymaturus_patagonicu
s:2):1,Phymaturus_punae:3):12):6):1):1):1,((Crotaphytus_reticulatus:4,(Crotaphyt
us_grismeri:3,Crotaphytus_collaris:3):1):1,(Gambelia_wislizenii:2,Gambelia_sila:
2):3):19):1,((Uromastyx_aegyptia:4,Uromastyx_acanthinura:4,Uromastyx_ornata:4):1
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Trioceros_jacksonii:3):3):1,(((Chamaeleo_chamaeleon:2,Chamaeleo_calyptratus:2):2
,Chamaeleo_dilepis:4):1,Chamaeleo_namaquensis:5):2):4,Furcifer_labordi:11):2,(Br
adypodion_pumilum:6,Bradypodion_ventrale:6):7):1,Rhampholeon_marshalli:14):3,(((
Moloch_horridus:13,((((Ctenophorus_nuchalis:6,(Ctenophorus_ornatus:5,(Ctenophoru
s_fordi:3,Ctenophorus_isolepis:3):2):1):1,Ctenophorus_maculosus:7):4,((Pogona_ba
rbata:9,Chlamydosaurus_kingii:9):1,Lophognathus_longirostris:10):1):1,Physignath
us_lesueurii:12):1):1,Physignathus_cocincinus:14):1,((Draco_volans:10,((((((Calo
tes_versicolor:4,Calotes_nigrilabris:4):1,Calotes_mystaceus:5):1,Calotes_nemoric
ola:6):1,((Gonocephalus_bellii:1,Gonocephalus_bornensis:1,Gonocephalus_chamaeleo
ntinus:1,Gonocephalus_grandis:1):1,Aphaniotis_acutirostris:2):5):1,(Sitana_fusca
:1,Sitana_ponticeriana:1,Sitana_sivalensis:1):7):1,(Japalura_kumaonensis:1,Japal
ura_swinhonis:1):8):1):2,(((Trapelus_mutabilis:1,Trapelus_ruderatus:1,Trapelus_s
anguinolentus:1):2,Acanthocercus_atricollis:3):5,((Laudakia_stellio:2,Laudakia_c
aucasia:2):5,(((Phrynocephalus_theobaldi:3,(Phrynocephalus_versicolor:2,Phrynoce
phalus_guttatus:2):1):1,Phrynocephalus_helioscopus:4):2,Phrynocephalus_mystaceus
:6):1):1,(Agama_agama:4,Agama_impalearis:4):4):4):3):2):1):7):1,(((((((((Ophisau
rus_attenuatus:1,Ophisaurus_compressus:1,Ophisaurus_ventralis:1):1,Ophisaurus_gr
acilis:2):1,(Anguis_fragilis:1,Pseudopus_apodus:1):2):4,((Gerrhonotus_infernalis
:5,((Mesaspis_monticola:3,Mesaspis_juarezi:3):1,Mesaspis_gadovii:4):1,(Barisia_h
errerae:1,Barisia_imbricata:1):4):1,(Elgaria_multicarinata:2,Elgaria_coerulea:2)
:4):1):1,Ophiodes_striatus:8):1,Anniella_pulchra:9):1,(Heloderma_horridum:1,Helo
derma_suspectum:1):9):1,Xenosaurus_grandis:11):2,(((((Varanus_bengalensis:2,Vara
nus_flavescens:2):1,((Varanus_cumingi:1,Varanus_salvator:1):1,Varanus_rudicollis
:2):1):6,(((Varanus_tristis:4,Varanus_scalaris:4):3,(Varanus_caudolineatus:3,Var
anus_acanthurus:3):4):1,((Varanus_komodoensis:1,Varanus_varius:1):5,(((Varanus_g
ouldii:3,Varanus_giganteus:3):1,Varanus_spenceri:4):1,Varanus_mertensi:5):1):2):
1):1,Varanus_olivaceus:10):1,((Varanus_albigularis:2,Varanus_niloticus:2):1,Vara
nus_griseus:3):8):2):13):1):1,(((Acontias_kgalagadi:1,Typhlosaurus_gariepensis:1
):21,(Lobulia_alpina:21,Cyclodomorphus_melanops:21,Bassiana_duperreyi:21,Asymble
pharus_sikimmensis:21,Ablepharus_kitaibelii:21,(Plestiodon_okadae:10,((Plestiodo
n_copei:5,Plestiodon_lynxe:5):4,(Plestiodon_skiltonianus:8,((((((Plestiodon_fasc
iatus:1,Plestiodon_septentrionalis:1):1,(Plestiodon_multivirgatus:1,Plestiodon_t
etragrammus:1):1):1,(Plestiodon_inexpectatus:1,Plestiodon_laticeps:1):2):1,Plest
iodon_obsoletus:4):1,Plestiodon_anthracinus:5):1,(Plestiodon_egregius:1,Plestiod
on_reynoldsi:1):5):2):1):1):11,(((Mabuya_nigropunctata:8,((Mabuya_frenata:2,(Mab
uya_agilis:1,Mabuya_heathi:1):1):5,((Mabuya_unimarginata:4,Mabuya_mabouya:4):2,M
abuya_bistriata:6):1):1):3,(Trachylepis_vittata:4,Trachylepis_spilogaster:4,Trac
hylepis_sparsa:4,Trachylepis_quinquetaeniata:4,Trachylepis_buettneri:4,Trachylep
is_aurata:4,Trachylepis_maculilabris:4,Trachylepis_affinis:4,Trachylepis_striata
:4):7):1,Dasia_olivacea:12):9,((Oligosoma_oliveri:1,Oligosoma_whitakeri:1):6,(Ol
igosoma_maccanni:3,Oligosoma_otagense:3):4):14,(Afroablepharus_wahlbergi:2,Panas
pis_nimbaensis:2):19,(Sphenomorphus_fasciatus:1,Sphenomorphus_indicus:1,Sphenomo
rphus_maculatus:1,Sphenomorphus_taiwanensis:1):20,(((Cyclodomorphus_celatus:1,Ti
liqua_nigrolutea:1,Tiliqua_occipitalis:1,Tiliqua_rugosa:1,Tiliqua_scincoides:1):
2,(Egernia_stokesii:2,Egernia_kingii:2,(Egernia_cunninghami:1,Egernia_striolata:
1):1):1):4,((((Liopholis_kintorei:1,Liopholis_striata:1):1,Liopholis_inornata:2)
:1,(Liopholis_modesta:1,Liopholis_whitii:1):2):1,Lissolepis_coventryi:4):3):14,(
(((((Carlia_rhomboidalis:1,Carlia_rubrigularis:1):2,Carlia_rostralis:3):1,Carlia
_tetradactyla:4):1,Carlia_longipes:5):4,(Menetia_greyii:3,(Morethia_boulengeri:1
,Morethia_obscura:1):2,(Emoia_atrocostata:1,Emoia_cyanura:1,Emoia_nigra:1):2):6)
:1,(Lamprolepis_smaragdina:1,Lampropholis_delicata:1,Lampropholis_guichenoti:1):
9):11,(Eumeces_schneideri:3,(Scincus_mitranus:1,Scincus_scincus:1):2):18,(Chalci
des_chalcides:8,((Chalcides_sepsoides:3,Chalcides_bedriagai:3):4,(Chalcides_viri
danus:6,Chalcides_ocellatus:6):1):1):13,(((((Niveoscincus_greeni:1,Niveoscincus_
ocellatus:1):1,Niveoscincus_microlepidotus:2):2,Niveoscincus_metallicus:4):1,Niv
eoscincus_coventryi:5):1,Nannoscincus_maccoyi:6):15,(((((Eremiascincus_richardso
nii:2,Hemiergis_peronii:2):15,((Lerista_bougainvillii:14,(Lerista_punctatovittat
a:11,(Lerista_borealis:7,Lerista_xanthura:7):4):3):2,(Ctenotus_brooksi:1,Ctenotu
s_pantherinus:1,Ctenotus_taeniolatus:1):15):1):1,(Eulamprus_brachyosoma:1,Eulamp
rus_quoyii:1,Eulamprus_tympanum:1):17):1,Scincella_lateralis:19):1,(Eutropis_car
inata:1,Eutropis_longicaudata:1,Eutropis_multifasciata:1):19):1):1):1,((Xantusia

_henshawi:5,(Xantusia_riversiana:3,(Xantusia_vigilis:2,Xantusia_arizonae:2):1):2
):5,((Cordylus_giganteus:7,Cordylus_melanotus:7,Cordylus_capensis:7):2,Gerrhosau
rus_skoogi:9):1):13):5):1);

Appendix 1 b

Sources for Phylogenetic data

The data source used to assign each species to its position in the phylogeny.
References are listed below the table

Family	*species*	References for body size data
Agamidae	*Acanthocercus atricollis*	Stuart-Fox & Owens, Taxonomy
Agamidae	*Agama agama*	Stuart-Fox & Owens, Taxonomy
Agamidae	*Agama impalearis*	Stuart-Fox & Owens, Taxonomy
Agamidae	*Aphaniotis acutirostris*	Stuart-Fox & Owens, taxonomy
Agamidae	*Calotes mystaceus*	Zug et al. 2006
Agamidae	*Calotes nemoricola*	polytomy at base of Calotes tree
Agamidae	*Calotes nigrilabris*	Zug et al. 2006
Agamidae	*Calotes versicolor*	Stuart-Fox & Owens, Taxonomy
Agamidae	*Chlamydosaurus kingii*	Stuart-Fox & Owens
Agamidae	*Ctenophorus fordi*	Doughty et al. 2007
Agamidae	*Ctenophorus isolepis*	Doughty et al. 2007
Agamidae	*Ctenophorus maculosus*	Doughty et al. 2007
Agamidae	*Ctenophorus nuchalis*	Doughty et al. 2007
Agamidae	*Ctenophorus ornatus*	Melville et al. 2001
Agamidae	*Draco volans*	Stuart-Fox & Owens
Agamidae	*Gonocephalus bellii*	Stuart-Fox & Owens, taxonomy
Agamidae	*Gonocephalus bornensis*	Stuart-Fox & Owens, taxonomy
Agamidae	*Gonocephalus chamaeleontinus*	Stuart-Fox & Owens, taxonomy
Agamidae	*Gonocephalus grandis*	Stuart-Fox & Owens, taxonomy
Agamidae	*Japalura kumaonensis*	Stuart-Fox & Owens 2003, Taxonomy
Agamidae	*Japalura swinhonis*	Stuart-Fox & Owens 2003, Taxonomy
Agamidae	*Laudakia caucasia*	Stuart-Fox & Owens, Brown & Yang 2010
Agamidae	*Laudakia stellio*	Stuart-Fox & Owens, Taxonomy
Agamidae	*Lophognathus longirostris*	Hugall et al. 2008
Agamidae	*Moloch horridus*	Stuart-Fox & Owens, Hugall et al. 2008
Agamidae	*Phrynocephalus guttatus*	Stuart-Fox & Owens
Agamidae	*Phrynocephalus helioscopus*	Guo and Wang 2007, Stuart-Fox and Owens 2003
Agamidae	*Phrynocephalus mystaceus*	Guo and Wang 2007, Stuart-Fox and Owens 2003
Agamidae	*Phrynocephalus theobaldi*	Ji et al. 2008, Ji et al. 2009
Agamidae	*Phrynocephalus versicolor*	Guo and Wang 2007, Stuart-Fox and Owens 2003
Agamidae	*Physignathus cocincinus*	Hugall et al. 2008
Agamidae	*Physignathus lesueurii*	Hugall et al. 2008
Agamidae	*Pogona barbata*	Stuart-Fox & Owens, Taxonomy
Agamidae	*Sitana fusca*	Stuart-Fox & Owens, Taxonomy
Agamidae	*Sitana ponticeriana*	Stuart-Fox & Owens, Taxonomy
Agamidae	*Sitana sivalensis*	Stuart-Fox & Owens, Taxonomy
Agamidae	*Trapelus mutabilis*	Stuart-Fox & Owens, Taxonomy
Agamidae	*Trapelus ruderatus*	Stuart-Fox & Owens, Taxonomy
Agamidae	*Trapelus sanguinolentus*	Stuart-Fox & Owens, Taxonomy
Agamidae	*Uromastyx acanthinura*	Townsend et al. 2004, Stuart-Fox & Owens, Taxonomy
Agamidae	*Uromastyx aegyptia*	Townsend et al. 2004, Stuart-Fox & Owens, Taxonomy
Agamidae	*Uromastyx ornata*	Wilms et al. 2009
Amphisbaenidae	*Amphisbaena kingii*	Mott and Vieites 2009
Anguidae	*Anguis fragilis*	Macey et al. 1999

Anguidae	*Barisia herrerae*	Macey et al. 1999, taxonomy
Anguidae	*Barisia imbricata*	Macey et al. 1999, taxonomy
Anguidae	*Elgaria coerulea*	Macey et al. 1999
Anguidae	*Elgaria multicarinata*	Macey et al. 1999
Anguidae	*Gerrhonotus infernalis*	Macey et al. 1999
Anguidae	*Mesaspis gadovii*	Macey et al. 1999, Good 1994
Anguidae	*Mesaspis juarezi*	Macey et al. 1999, Good 1994
Anguidae	*Mesaspis monticola*	Macey et al. 1999, Good 1994
Anguidae	*Ophiodes striatus*	Macey et al. 1999
Anguidae	*Ophisaurus attenuatus*	Macey et al. 1999
Anguidae	*Ophisaurus compressus*	Macey et al. 1999, biogeography (closer to nearctic than to asian ophisaurus)
Anguidae	*Ophisaurus gracilis*	Macey et al. 1999, biogeography (closer to asian than to nearctic ophisaurus)
Anguidae	*Ophisaurus ventralis*	Macey et al. 1999
Anguidae	*Pseudopus apodus*	Macey et al. 1999
Anniellidae	*Anniella pulchra*	Macey et al. 1999, Townsend et al. 2004
Bipedidae	*Bipes biporus*	Townsend et al. 2004, Macey et al. 2004
Bipedidae	*Bipes canaliculatus*	Townsend et al. 2004, Macey et al. 2004
Bipedidae	*Bipes tridactylus*	Townsend et al. 2004, Macey et al. 2004
Blanidae	*Blanus mettetali*	Townsend et al. 2004, Macey et al. 2004, Albert et al. 2007
Chamaeleonidae	*Bradypodion pumilum*	Stuart-Fox et al. 2007
Chamaeleonidae	*Bradypodion ventrale*	Branch et al. 2006
Chamaeleonidae	*Chamaeleo calyptratus*	Townsend & Larson 2002
Chamaeleonidae	*Chamaeleo chamaeleon*	Townsend & Larson 2002
Chamaeleonidae	*Chamaeleo dilepis*	Townsend & Larson 2002
Chamaeleonidae	*Chamaeleo namaquensis*	Townsend & Larson 2002
Chamaeleonidae	*Furcifer labordi*	Raxworthy et al. 2002
Chamaeleonidae	*Rhampholeon marshalli*	Matthee et al. 2004
Chamaeleonidae	*Trioceros ellioti*	Townsend & Larson 2002
Chamaeleonidae	*Trioceros hoehnelii*	Townsend & Larson 2002
Chamaeleonidae	*Trioceros jacksonii*	Townsend & Larson 2002
Chamaeleonidae	*Trioceros quadricornis*	Townsend & Larson 2002
Cordylidae	*Cordylus capensis*	Frost et al. 2001
Cordylidae	*Cordylus giganteus*	Frost et al. 2001
Cordylidae	*Cordylus melanotus*	Frost et al. 2001
Corytophanidae	*Basiliscus basiliscus*	Schulte et al. 2003, Taxonomy
Corytophanidae	*Basiliscus vittatus*	Schulte et al. 2003, Taxonomy
Crotaphytidae	*Crotaphytus collaris*	Schulte et al. 2003, McGuire et al. 2007
Crotaphytidae	*Crotaphytus grismeri*	Schulte et al. 2003, McGuire et al. 2007
Crotaphytidae	*Crotaphytus reticulatus*	Schulte et al. 2003, McGuire et al. 2007
Crotaphytidae	*Gambelia sila*	Schulte et al. 2003
Crotaphytidae	*Gambelia wislizenii*	Schulte et al. 2003
Gekkonidae	*Aeluroscalabotes felinus*	Ota et al. 1999
Gekkonidae	*Alsophylax laevis*	Taxonomy (Gekkoninae)
Gekkonidae	*Alsophylax loricatus*	Taxonomy (Gekkoninae)
Gekkonidae	*Alsophylax pipiens*	Taxonomy (Gekkoninae)
Gekkonidae	*Alsophylax szczerbaki*	Taxonomy (Gekkoninae), was considered conspecific with loricatus
Gekkonidae	*Aristelliger georgeensis*	Gamble et al. 2008b taxonomy
Gekkonidae	*Aristelliger praesignis*	Gamble et al. 2008b taxonomy
Gekkonidae	*Chondrodactylus angulifer*	Lamb and Bauer 2006
Gekkonidae	*Christinus marmoratus*	Taxonomy (Gekkoninae)
Gekkonidae	*Cnemaspis kandiana*	Taxonomy (Gekkoninae)

Gekkonidae	*Coleonyx brevis*	Ota et al. 1999
Gekkonidae	*Coleonyx elegans*	Kratochvil & Frynta 2002
Gekkonidae	*Coleonyx reticulatus*	Kratochvil & Frynta 2002
Gekkonidae	*Coleonyx variegatus*	Ota et al. 1999
Gekkonidae	*Crenadactylus ocellatus*	Melville et al. 2004
Gekkonidae	*Crossobamon eversmanni*	Taxonomy (Gekkoninae)
Gekkonidae	*Cyrtodactylus peguensis*	Taxonomy (Gekkoninae)
Gekkonidae	*Cyrtopodion caspium*	taxonomy
Gekkonidae	*Cyrtopodion fedtschenkoi*	taxonomy
Gekkonidae	*Diplodactylus tessellatus*	Oliver et al. 2009
Gekkonidae	*Eublepharis macularius*	Starostova et al. 2008
Gekkonidae	*Eublepharis turcmenicus*	Kratochvil & Frynta 2002
Gekkonidae	*Geckonia chazaliae*	Gamble et al. 2008, Carranza et al. 2002
Gekkonidae	*Gehyra variegata*	Oliver et al. 2010
Gekkonidae	*Gekko gecko*	Taxonomy (Gekkoninae)
Gekkonidae	*Gekko hokouensis*	Taxonomy (Gekkoninae)
Gekkonidae	*Gonatodes albogularis*	Schargel 2010
Gekkonidae	*Goniurosaurus araneus*	Kratochvil & Frynta 2002
Gekkonidae	*Gymnodactylus geckoides*	taxonomy
Gekkonidae	*Hemidactylus bowringii*	Carranza and Arnold 2006
Gekkonidae	*Hemidactylus brookii*	Carranza and Arnold 2006
Gekkonidae	*Hemidactylus flaviviridis*	Carranza and Arnold 2006
Gekkonidae	*Hemidactylus frenatus*	Carranza and Arnold 2006
Gekkonidae	*Hemidactylus mabouia*	Carranza and Arnold 2006
Gekkonidae	*Hemidactylus maculatus*	Bauer et al. 2010
Gekkonidae	*Hemidactylus turcicus*	Carranza and Arnold 2006
Gekkonidae	*Heteronotia binoei*	Jackman et al. 2008
Gekkonidae	*Homonota darwinii*	Gamble et al. 2008, Taxonomy
Gekkonidae	*Homonota fasciata*	Gamble et al. 2008, Taxonomy
Gekkonidae	*Hoplodactylus maculatus*	Melville et al. 2004, taxonomy
Gekkonidae	*Lepidodactylus lugubris*	Russell and Bauer 2002
Gekkonidae	*Lucasium damaeum*	Pepper et al. 2006
Gekkonidae	*Lygodactylus klugei*	Volobouev and Ineich 1994, Taxonomy (Gekkoninae)
Gekkonidae	*Mediodactylus kotschyi*	Taxonomy (Gekkoninae)
Gekkonidae	*Mediodactylus russowii*	taxonomy
Gekkonidae	*Naultinus gemmeus*	Melville et al. 2004, taxonomy
Gekkonidae	*Naultinus manukanus*	Melville et al. 2004, taxonomy
Gekkonidae	*Oedura castelnaui*	Melville et al. 2004, Taxonomy
Gekkonidae	*Oedura lesueurii*	Melville et al. 2004, Taxonomy
Gekkonidae	*Oedura monilis*	Melville et al. 2004, Taxonomy
Gekkonidae	*Oedura reticulata*	Melville et al. 2004, Taxonomy
Gekkonidae	*Oedura tryoni*	Melville et al. 2004, Taxonomy
Gekkonidae	*Phelsuma dubia*	Taxonomy (Gekkoninae)
Gekkonidae	*Phyllodactylus lanei*	0
Gekkonidae	*Phyllopezus pollicaris*	Gamble et al. 2008
Gekkonidae	*Phyllurus platurus*	Melville et al. 2004
Gekkonidae	*Pristurus rupestris*	Taxonomy (Gekkoninae)
Gekkonidae	*Ptenopus garrulus*	Taxonomy (Gekkoninae)
Gekkonidae	*Ptyodactylus guttatus*	Gamble et al. 2008b, taxonomy
Gekkonidae	*Ptyodactylus oudrii*	Gamble et al. 2008b, taxonomy
Gekkonidae	*Ptyodactylus ragazzii*	Gamble et al. 2008b, taxonomy
Gekkonidae	*Quedenfeldtia trachyblepharus*	Gamble et al. 2008b, taxonomy
Gekkonidae	*Rhacodactylus auriculatus*	Melville et al. 2004

Gekkonidae	*Saltuarius cornutus*	Melville et al. 2004
Gekkonidae	*Sphaerodactylus cinereus*	Geurgas et al. 2008, Gamble et al. 2008b, Taxonomy
Gekkonidae	*Sphaerodactylus elegans*	Geurgas et al. 2008, Gamble et al. 2008b, Taxonomy
Gekkonidae	*Sphaerodactylus pimienta*	Geurgas et al. 2008, Gamble et al. 2008b, Taxonomy
Gekkonidae	*Sphaerodactylus roosevelti*	Geurgas et al. 2008, Gamble et al. 2008b, Taxonomy
Gekkonidae	*Sphaerodactylus savagei*	Geurgas et al. 2008, Gamble et al. 2008b, Taxonomy
Gekkonidae	*Stenodactylus doriae*	Taxonomy (Gekkoninae)
Gekkonidae	*Strophurus ciliaris*	Melville et al. 2004
Gekkonidae	*Strophurus elderi*	Melville et al. 2004
Gekkonidae	*Strophurus intermedius*	Melville et al. 2004
Gekkonidae	*Tarentola angustimentalis*	Gamble et al. 2008, Carranza et al. 2002
Gekkonidae	*Tarentola annularis*	Gamble et al. 2008, Carranza et al. 2002
Gekkonidae	*Tarentola boettgeri*	Gamble et al. 2008, Carranza et al. 2002
Gekkonidae	*Tarentola deserti*	Gamble et al. 2008, Carranza et al. 2002
Gekkonidae	*Tarentola mauritanica*	Gamble et al. 2008, Carranza et al. 2002
Gekkonidae	*Teratoscincus scincus*	Gamble et al. 2008, taxonomy
Gerrhosauridae	*Gerrhosaurus skoogi*	Hugall et al. 2007, Townsend et al. 2004, Lamb et al. 2003
Gymnophthalmidae	*Cercosaura schreibersii*	Castoe et al. 2004, Doan 2003
Gymnophthalmidae	*Gymnophthalmus speciosus*	Warne Charnov
Gymnophthalmidae	*Leposoma rugiceps*	Warne Charnov
Gymnophthalmidae	*Potamites ecpleopus*	Castoe et al. 2004
Helodermatidae	*Heloderma horridum*	Townsend et al. 2004
Helodermatidae	*Heloderma suspectum*	Townsend et al. 2004
Iguanidae	*Amblyrhynchus cristatus*	Wiens & Hollingsworth 2000
Iguanidae	*Brachylophus fasciatus*	Keogh et al. 2008
Iguanidae	*Conolophus pallidus*	Wiens & Hollingsworth 2000
Iguanidae	*Conolophus subcristatus*	Wiens & Hollingsworth 2000
Iguanidae	*Ctenosaura pectinata*	Wiens & Hollingsworth 2000, taxonomy
Iguanidae	*Ctenosaura similis*	Wiens & Hollingsworth 2000, taxonomy
Iguanidae	*Cyclura carinata*	Malone et al. 2000
Iguanidae	*Cyclura cornuta*	Malone et al. 2000
Iguanidae	*Cyclura cychlura*	Malone et al. 2000
Iguanidae	*Cyclura nubila*	Malone et al. 2000
Iguanidae	*Cyclura pinguis*	Malone et al. 2000
Iguanidae	*Dipsosaurus dorsalis*	Wiens & Hollingsworth 2000, taxonomy
Iguanidae	*Iguana iguana*	Wiens & Hollingsworth 2000
Iguanidae	*Sauromalus ater*	Wiens & Hollingsworth 2000, Petren and Case 1997, Petren and Case 2002
Iguanidae	*Sauromalus hispidus*	Wiens & Hollingsworth 2000, Petren and Case 1997, Petren and Case 2002
Iguanidae	*Sauromalus obesus*	Wiens & Hollingsworth 2000, Petren and Case 1997, Petren and Case 2002
Iguanidae	*Sauromalus varius*	Wiens & Hollingsworth 2000, Petren and Case 1997, Petren and Case 2002
Lacertidae	*Acanthodactylus erythrurus*	Mayer & Pavlicev 2007, Taxonomy
Lacertidae	*Acanthodactylus pardalis*	Mayer & Pavlicev 2007, Harris and Arnold 2000
Lacertidae	*Acanthodactylus scutellatus*	Mayer & Pavlicev 2007, Harris and Arnold 2000
Lacertidae	*Acanthodactylus spinicauda*	Mayer & Pavlicev 2007, Harris and Arnold 2000
Lacertidae	*Algyroides marchi*	Arnold et al. 2007, Harris et al. 1999
Lacertidae	*Algyroides moreoticus*	Mayer & Pavlicev 2007, Harris et al. 1999
Lacertidae	*Algyroides nigropunctatus*	Mayer & Pavlicev 2007, Harris et al. 1999
Lacertidae	*Atlantolacerta andreanskyi*	Arnold et al. 2007
Lacertidae	*Dalmatolacerta oxycephala*	Arnold et al. 2007
Lacertidae	*Darevskia chlorogaster*	Mayer & Pavlicev 2007, Taxonomy

Lacertidae	*Darevskia derjugini*	Mayer & Pavlicev 2007, Taxonomy
Lacertidae	*Darevskia parvula*	Mayer & Pavlicev 2007, Taxonomy
Lacertidae	*Darevskia portschinskii*	Mayer & Pavlicev 2007, Taxonomy
Lacertidae	*Darevskia praticola*	Mayer & Pavlicev 2007, Taxonomy
Lacertidae	*Darevskia raddei*	Mayer & Pavlicev 2007, Taxonomy
Lacertidae	*Darevskia rostombekovi*	Mayer & Pavlicev 2007, Taxonomy
Lacertidae	*Darevskia rudis*	Mayer & Pavlicev 2007, Taxonomy
Lacertidae	*Darevskia saxicola*	Mayer & Pavlicev 2007, Taxonomy
Lacertidae	*Darevskia unisexualis*	Mayer & Pavlicev 2007, Taxonomy
Lacertidae	*Darevskia valentini*	Mayer & Pavlicev 2007, Taxonomy
Lacertidae	*Dinarolacerta mosorensis*	Arnold et al. 2007
Lacertidae	*Eremias arguta*	Mayer & Pavlicev 2007, Taxonomy
Lacertidae	*Eremias grammica*	Mayer & Pavlicev 2007, Taxonomy
Lacertidae	*Eremias intermedia*	Mayer & Pavlicev 2007, Taxonomy
Lacertidae	*Eremias lineolata*	Mayer & Pavlicev 2007, Taxonomy
Lacertidae	*Eremias nigrocellata*	Mayer & Pavlicev 2007, Taxonomy
Lacertidae	*Eremias nikolskii*	Mayer & Pavlicev 2007, Taxonomy
Lacertidae	*Eremias persica*	Mayer & Pavlicev 2007, Taxonomy
Lacertidae	*Eremias pleskei*	Mayer & Pavlicev 2007, Taxonomy
Lacertidae	*Eremias regeli*	Mayer & Pavlicev 2007, Taxonomy
Lacertidae	*Eremias strauchi*	Mayer & Pavlicev 2007, Taxonomy
Lacertidae	*Eremias velox*	Mayer & Pavlicev 2007, Taxonomy
Lacertidae	*Gallotia atlantica*	Arnold et al. 2007
Lacertidae	*Gallotia bravoana*	Arnold et al. 2007
Lacertidae	*Gallotia caesaris*	Arnold et al. 2007
Lacertidae	*Gallotia galloti*	Arnold et al. 2007
Lacertidae	*Gallotia simonyi*	Arnold et al. 2007
Lacertidae	*Gallotia stehlini*	Arnold et al. 2007
Lacertidae	*Heliobolus lugubris*	Mayer & Pavlicev 2007, Taxonomy
Lacertidae	*Hellenolacerta graeca*	Arnold et al. 2007
Lacertidae	*Iberolacerta aranica*	Arnold et al. 2007
Lacertidae	*Iberolacerta aurelioi*	Arnold et al. 2007
Lacertidae	*Iberolacerta bonnali*	Arnold et al. 2007
Lacertidae	*Iberolacerta cyreni*	Arnold et al. 2007
Lacertidae	*Iberolacerta horvathi*	Arnold et al. 2007
Lacertidae	*Iberolacerta monticola*	Arnold et al. 2007
Lacertidae	*Ichnotropis squamulosa*	Mayer & Pavlicev 2007, Taxonomy
Lacertidae	*Lacerta agilis*	Arnold et al. 2007, Godhino et al. 2005
Lacertidae	*Lacerta schreiberi*	Arnold et al. 2007, Godhino et al. 2005
Lacertidae	*Lacerta strigata*	Arnold et al. 2007, Godhino et al. 2005
Lacertidae	*Lacerta trilineata*	Arnold et al. 2007, Godhino et al. 2005
Lacertidae	*Lacerta viridis*	Arnold et al. 2007, Godhino et al. 2005
Lacertidae	*Meroles anchietae*	Lamb & Bauer 2003
Lacertidae	*Meroles cuneirostris*	Lamb & Bauer 2003
Lacertidae	*Meroles suborbitalis*	Lamb & Bauer 2003
Lacertidae	*Mesalina guttulata*	Arnold et al. 2007, Mayer & Pavlicev 2007, Joger and Mayer 2002, Kapli et al. 2008
Lacertidae	*Mesalina olivieri*	Arnold et al. 2007, Mayer & Pavlicev 2007, Joger and Mayer 2002, Kapli et al. 2008
Lacertidae	*Mesalina pasteuri*	Arnold et al. 2007, Mayer & Pavlicev 2007, Joger and Mayer 2002, Kapli et al. 2008
Lacertidae	*Mesalina rubropunctata*	Arnold et al. 2007, Mayer & Pavlicev 2007, Joger and Mayer 2002, Kapli et al. 2008
Lacertidae	*Nucras lalandii*	Mayer & Pavlicev 2007, Taxonomy
Lacertidae	*Nucras taeniolata*	Mayer & Pavlicev 2007, Taxonomy

Lacertidae	*Nucras tessellata*	Mayer & Pavlicev 2007, Taxonomy
Lacertidae	*Ophisops elegans*	Arnold et al. 2007, Mayer & Pavlicev 2007, Taxonomy
Lacertidae	*Parvilacerta parva*	Arnold et al. 2007
Lacertidae	*Pedioplanis burchelli*	Makokha et al. 2007
Lacertidae	*Pedioplanis namaquensis*	Makokha et al. 2007
Lacertidae	*Phoenicolacerta laevis*	Arnold et al. 2007, Taxonomy
Lacertidae	*Phoenicolacerta troodica*	was synonym of laevis
Lacertidae	*Podarcis bocagei*	Arnold et al. 2007, Taxonomy
Lacertidae	*Podarcis carbonelli*	Arnold et al. 2007, Taxonomy
Lacertidae	*Podarcis erhardii*	Arnold et al. 2007, Poulakakis et al. 2005
Lacertidae	*Podarcis filfolensis*	Arnold et al. 2007, Taxonomy
Lacertidae	*Podarcis gaigeae*	Arnold et al. 2007, Taxonomy
Lacertidae	*Podarcis hispanicus*	Arnold et al. 2007, Taxonomy
Lacertidae	*Podarcis lilfordi*	Arnold et al. 2007, Taxonomy
Lacertidae	*Podarcis liolepis*	Arnold et al. 2007, Taxonomy
Lacertidae	*Podarcis melisellensis*	Arnold et al. 2007, Poulakakis et al. 2005
Lacertidae	*Podarcis milensis*	Arnold et al. 2007, Poulakakis et al. 2005, Amat 2008
Lacertidae	*Podarcis muralis*	Arnold et al. 2007, Taxonomy
Lacertidae	*Podarcis peloponnesiacus*	Arnold et al. 2007, Poulakakis et al. 2005
Lacertidae	*Podarcis pityusensis*	Arnold et al. 2007
Lacertidae	*Podarcis siculus*	Arnold et al. 2007, Taxonomy
Lacertidae	*Podarcis tauricus*	Arnold et al. 2007, Taxonomy
Lacertidae	*Podarcis waglerianus*	Arnold et al. 2007, Harris et al. 2005
Lacertidae	*Psammodromus algirus*	Carranza et al. 2006, Arnold et al. 2007
Lacertidae	*Psammodromus blanci*	Carranza et al. 2006, Arnold et al. 2007
Lacertidae	*Psammodromus hispanicus*	Carranza et al. 2006, Arnold et al. 2007
Lacertidae	*Scelarcis perspicillata*	Arnold et al. 2007
Lacertidae	*Takydromus amurensis*	Lue and Lin 2008
Lacertidae	*Takydromus septentrionalis*	Lin et al. 2002
Lacertidae	*Takydromus sexlineatus*	Lin et al. 2002
Lacertidae	*Takydromus tachydromoides*	Lue and Lin 2008
Lacertidae	*Takydromus wolteri*	Lue and Lin 2008
Lacertidae	*Teira dugesii*	Arnold et al. 2007, Taxonomy
Lacertidae	*Timon lepidus*	Arnold et al. 2007, Taxonomy
Lacertidae	*Timon pater*	Arnold et al. 2007, Taxonomy
Lacertidae	*Zootoca vivipara*	Arnold et al. 2007
Liolaemidae	*Liolaemus andinus*	Pincheira-Donoso et al. 2008
Liolaemidae	*Liolaemus bibronii*	Morando et al. 2007
Liolaemidae	*Liolaemus boulengeri*	Abdala 2007
Liolaemidae	*Liolaemus elongatus*	Torres-Perez et al. 2009, Pincheira-Donoso et al. 2008
Liolaemidae	*Liolaemus huacahuasicus*	Montanus clade. Pincheira-Donoso et al. 2008a
Liolaemidae	*Liolaemus koslowskyi*	Abdala 2007
Liolaemidae	*Liolaemus lineomaculatus*	Pincheira-Donoso et al. 2009
Liolaemidae	*Liolaemus lutzae*	wiegmannii clade. Pincheira-Donoso et al. 2008a
Liolaemidae	*Liolaemus pictus*	Pincheira-Donoso et al. 2008
Liolaemidae	*Liolaemus scolaroi*	Pincheira-Donoso et al. 2008
Liolaemidae	*Liolaemus signifer*	Pincheira-Donoso et al. 2008
Liolaemidae	*Liolaemus wiegmannii*	Pincheira-Donoso et al. 2008
Liolaemidae	*Phymaturus patagonicus*	Schlute et al. 2003, taxonomy
Liolaemidae	*Phymaturus punae*	Schlute et al. 2003, Lobo and Quinteros 2005
Liolaemidae	*Phymaturus zapalensis*	Schlute et al. 2003, Lobo and Quinteros 2005
Phrynosomatidae	*Callisaurus draconoides*	Wiens et al. 2010
Phrynosomatidae	*Cophosaurus texanus*	Wiens et al. 2010

Phrynosomatidae	*Holbrookia lacerata*	Wiens et al. 2010
Phrynosomatidae	*Holbrookia maculata*	Wiens et al. 2010
Phrynosomatidae	*Holbrookia propinqua*	Wiens et al. 2010
Phrynosomatidae	*Phrynosoma blainvillii*	Wiens et al. 2010
Phrynosomatidae	*Phrynosoma cornutum*	Wiens et al. 2010
Phrynosomatidae	*Phrynosoma coronatum*	Leache & McGuire 2006
Phrynosomatidae	*Phrynosoma ditmarsi*	Wiens et al. 2010
Phrynosomatidae	*Phrynosoma douglassii*	Wiens et al. 2010
Phrynosomatidae	*Phrynosoma hernandesi*	Wiens et al. 2010
Phrynosomatidae	*Phrynosoma mcallii*	Leache & McGuire 2006
Phrynosomatidae	*Phrynosoma modestum*	Wiens et al. 2010
Phrynosomatidae	*Phrynosoma platyrhinos*	Wiens et al. 2010
Phrynosomatidae	*Phrynosoma solare*	Leache & McGuire 2006
Phrynosomatidae	*Sceloporus aeneus*	Wiens et al. 2010
Phrynosomatidae	*Sceloporus arenicolus*	Wiens et al. 2010
Phrynosomatidae	*Sceloporus clarkii*	Wiens & Reeder 1997
Phrynosomatidae	*Sceloporus consobrinus*	Wiens et al. 2010
Phrynosomatidae	*Sceloporus cozumelae*	Wiens et al. 2010
Phrynosomatidae	*Sceloporus cyanogenys*	Wiens et al. 2010
Phrynosomatidae	*Sceloporus formosus*	Wiens et al. 2010
Phrynosomatidae	*Sceloporus gadoviae*	Wiens et al. 2010
Phrynosomatidae	*Sceloporus graciosus*	Wiens et al. 2010
Phrynosomatidae	*Sceloporus grammicus*	Wiens et al. 2010
Phrynosomatidae	*Sceloporus horridus*	Wiens et al. 2010
Phrynosomatidae	*Sceloporus jarrovii*	Wiens & Reeder 1997, Martinez-Mendez and Mendez-de la Cruz 2007
Phrynosomatidae	*Sceloporus magister*	Wiens et al. 2010
Phrynosomatidae	*Sceloporus malachiticus*	Wiens et al. 2010
Phrynosomatidae	*Sceloporus merriami*	Wiens et al. 2010
Phrynosomatidae	*Sceloporus mucronatus*	Wiens et al. 2010
Phrynosomatidae	*Sceloporus occidentalis*	Wiens et al. 2010
Phrynosomatidae	*Sceloporus olivaceus*	Wiens et al. 2010
Phrynosomatidae	*Sceloporus omiltemanus*	Martinez-Mendez & Mendez-de la Cruz 2007
Phrynosomatidae	*Sceloporus orcutti*	Wiens et al. 2010
Phrynosomatidae	*Sceloporus poinsettii*	Wiens et al. 2010
Phrynosomatidae	*Sceloporus scalaris*	Wiens et al. 2010
Phrynosomatidae	*Sceloporus serrifer*	Wiens et al. 2010
Phrynosomatidae	*Sceloporus slevini*	Wiens & Reeder 1997, Wiens et al. 2010
Phrynosomatidae	*Sceloporus torquatus*	Wiens & Reeder 1997, Martinez-Mendez and Mendez-de la Cruz 2007
Phrynosomatidae	*Sceloporus undulatus*	Wiens et al. 2010
Phrynosomatidae	*Sceloporus utiformis*	Wiens & Reeder 1997
Phrynosomatidae	*Sceloporus variabilis*	Wiens et al. 2010
Phrynosomatidae	*Sceloporus virgatus*	Wiens et al. 2010
Phrynosomatidae	*Sceloporus woodi*	Wiens et al. 2010
Phrynosomatidae	*Uma exsul*	Wiens 1999
Phrynosomatidae	*Uma notata*	Wiens et al. 2010
Phrynosomatidae	*Urosaurus bicarinatus*	Reeder and Wiens 1996
Phrynosomatidae	*Urosaurus graciosus*	Bonine et al. 2005, Reeder and Wiens 1996
Phrynosomatidae	*Urosaurus ornatus*	Reeder and Wiens 1996
Phrynosomatidae	*Uta stansburiana*	Bonine et al. 2005
Polychrotidae	*Anolis acutus*	Nicholson et al. 2005
Polychrotidae	*Anolis argenteolus*	Nicholson et al. 2005
Polychrotidae	*Anolis bahorucoensis*	Nicholson et al. 2005
Polychrotidae	*Anolis carolinensis*	Nicholson et al. 2005

Polychrotidae	*Anolis cupreus*	Nicholson et al. 2005
Polychrotidae	*Anolis intermedius*	Nicholson et al. 2005
Polychrotidae	*Anolis limifrons*	Nicholson et al. 2005
Polychrotidae	*Anolis lineatopus*	Nicholson et al. 2005
Polychrotidae	*Anolis lionotus*	Nicholson et al. 2005
Polychrotidae	*Anolis lucius*	Nicholson et al. 2005
Polychrotidae	*Anolis nebulosus*	Nicholson et al. 2005, Poe 2004
Polychrotidae	*Anolis opalinus*	Nicholson et al. 2005
Polychrotidae	*Anolis polylepis*	Nicholson et al. 2005
Polychrotidae	*Anolis roquet*	Nicholson et al. 2005
Polychrotidae	*Anolis sabanus*	Nicholson et al. 2005
Polychrotidae	*Anolis sagrei*	Nicholson et al. 2005
Polychrotidae	*Anolis tropidolepis*	Nicholson et al. 2005
Polychrotidae	*Anolis valencienni*	Nicholson et al. 2005
Polychrotidae	*Polychrus acutirostris*	Schlute et al. 2003, taxonomy
Pygopodidae	*Aprasia pulchella*	Gamble et al. 2008, Taxonomy
Pygopodidae	*Aprasia repens*	Gamble et al. 2008, Lee et al. 2009
Pygopodidae	*Lialis burtonis*	Gamble et al. 2008, Lee et al. 2009
Scincidae	*Ablepharus kitaibelii*	polytomy at base of skink tree
Scincidae	*Acontias kgalagadi*	Daniels et al. 2006, Taxonomy
Scincidae	*Afroablepharus wahlbergi*	Jesus et al. 2007, taxonomy
Scincidae	*Asymblepharus sikimmensis*	polytomy at base of skink tree
Scincidae	*Bassiana duperreyi*	Skinner et al. 2011, taxonomy
Scincidae	*Carlia longipes*	Reeder 2003, Dolman and Hugall 2008
Scincidae	*Carlia rhomboidalis*	Reeder 2003, Dolman and Hugall 2008
Scincidae	*Carlia rostralis*	Reeder 2003, Dolman and Hugall 2008
Scincidae	*Carlia rubrigularis*	Reeder 2003, Dolman and Hugall 2008
Scincidae	*Carlia tetradactyla*	Reeder 2003, Dolman and Hugall 2008
Scincidae	*Chalcides bedriagai*	Carranza et al. 2008
Scincidae	*Chalcides chalcides*	Carranza et al. 2008
Scincidae	*Chalcides ocellatus*	Carranza et al. 2008
Scincidae	*Chalcides sepsoides*	Carranza et al. 2008
Scincidae	*Chalcides viridanus*	Carranza et al. 2008
Scincidae	*Ctenotus brooksi*	Rabosky et al. 2007, taxonomy
Scincidae	*Ctenotus pantherinus*	Rabosky et al. 2007, taxonomy
Scincidae	*Ctenotus taeniolatus*	Rabosky et al. 2007, taxonomy
Scincidae	*Cyclodomorphus celatus*	Gardner et al. 2008
Scincidae	*Cyclodomorphus melanops*	polytomy at base of skink tree
Scincidae	*Dasia olivacea*	Honda et al. 2003
Scincidae	*Egernia cunninghami*	Gardner et al. 2008
Scincidae	*Egernia kingii*	Gardner et al. 2008
Scincidae	*Egernia stokesii*	Gardner et al. 2008
Scincidae	*Egernia striolata*	Gardner et al. 2008
Scincidae	*Emoia atrocostata*	Reeder 2003, taxonomy
Scincidae	*Emoia cyanura*	Reeder 2003, taxonomy
Scincidae	*Emoia nigra*	Reeder 2003, taxonomy
Scincidae	*Eremiascincus richardsonii*	Rabosky et al. 2007, taxonomy
Scincidae	*Eulamprus brachyosoma*	Rabosky et al. 2007, taxonomy
Scincidae	*Eulamprus quoyii*	Rabosky et al. 2007, taxonomy
Scincidae	*Eulamprus tympanum*	Rabosky et al. 2007, taxonomy
Scincidae	*Eumeces schneideri*	Smith et al. 2007, taxonomy
Scincidae	*Eutropis carinata*	taxonomy
Scincidae	*Eutropis longicaudata*	taxonomy
Scincidae	*Eutropis multifasciata*	taxonomy

Scincidae	*Hemiergis peronii*	Rabosky et al. 2007, Reeder 2003, taxonomy
Scincidae	*Lamprolepis smaragdina*	Skinner et al. 2011, taxonomy
Scincidae	*Lampropholis delicata*	Rabosky et al. 2007, Reeder 2003, taxonomy
Scincidae	*Lampropholis guichenoti*	Rabosky et al. 2007, Reeder 2003, taxonomy
Scincidae	*Lerista borealis*	Skinner and Lee 2010
Scincidae	*Lerista bougainvillii*	Skinner and Lee 2010
Scincidae	*Lerista punctatovittata*	Skinner and Lee 2010
Scincidae	*Lerista xanthura*	Skinner and Lee 2010
Scincidae	*Liopholis inornata*	Gardner et al. 2008
Scincidae	*Liopholis kintorei*	Gardner et al. 2008
Scincidae	*Liopholis modesta*	Chapple & Keogh 2004
Scincidae	*Liopholis striata*	Gardner et al. 2008
Scincidae	*Liopholis whitii*	Gardner et al. 2008
Scincidae	*Lissolepis coventryi*	Warne Charnov
Scincidae	*Lobulia alpina*	taxonomy
Scincidae	*Mabuya agilis*	Miralles et al. 2009
Scincidae	*Mabuya bistriata*	Whiting et al. 2006
Scincidae	*Mabuya frenata*	Miralles et al. 2009
Scincidae	*Mabuya heathi*	Whiting et al. 2006
Scincidae	*Mabuya mabouya*	Whiting et al. 2006
Scincidae	*Mabuya nigropunctata*	Miralles et al. 2009
Scincidae	*Mabuya unimarginata*	Whiting et al. 2006, Honda et al. 2006, Miralles et al. 2006
Scincidae	*Menetia greyii*	Smith et al. 2007
Scincidae	*Morethia boulengeri*	Reeder 2003, taxonomy
Scincidae	*Morethia obscura*	Reeder 2003, taxonomy
Scincidae	*Nannoscincus maccoyi*	Smith et al. 2007, taxonomy, biogeography (sister to New Caledonia skinks)
Scincidae	*Niveoscincus coventryi*	Melville & Swain 2000
Scincidae	*Niveoscincus greeni*	Melville & Swain 2000
Scincidae	*Niveoscincus metallicus*	Melville & Swain 2000
Scincidae	*Niveoscincus microlepidotus*	Melville & Swain 2000
Scincidae	*Niveoscincus ocellatus*	Melville & Swain 2000
Scincidae	*Oligosoma maccanni*	Chapple et al. 2009
Scincidae	*Oligosoma oliveri*	polytomy at base of skink tree, taxonomy
Scincidae	*Oligosoma otagense*	Chapple et al. 2009
Scincidae	*Oligosoma whitakeri*	Chapple et al. 2009
Scincidae	*Panaspis nimbaensis*	Schmitz et al. 2005, Jesus et al. 2007, taxonomy
Scincidae	*Plestiodon anthracinus*	Brandley et al. 2011, Siler et al. 2011 for placement of the genus with Eumeces as sister to Brachymeles
Scincidae	*Plestiodon copei*	Schmitz et al. 2004, Richmond 2006, Brevirostris group
Scincidae	*Plestiodon egregius*	Brandley et al. 2011
Scincidae	*Plestiodon fasciatus*	Richmond 2006, Brandley et al. 2011
Scincidae	*Plestiodon inexpectatus*	Brandley et al. 2011
Scincidae	*Plestiodon laticeps*	Richmond 2006
Scincidae	*Plestiodon lynxe*	Schmitz et al. 2004, Richmond 2006, Brevirostris group
Scincidae	*Plestiodon multivirgatus*	Brandley et al. 2011
Scincidae	*Plestiodon obsoletus*	Richmond 2006, Brandley et al. 2011
Scincidae	*Plestiodon okadae*	Okamoto & Hikida 2009: allied to latiscutatus and japonicus
Scincidae	*Plestiodon reynoldsi*	Brandley et al. 2011
Scincidae	*Plestiodon septentrionalis*	Richmond 2006, Brandley et al. 2011
Scincidae	*Plestiodon skiltonianus*	Richmond 2006

Scincidae	*Plestiodon tetragrammus*	Richmond 2006, Brandley et al. 2011
Scincidae	*Scincella lateralis*	Reeder 2003, Grismer et al. 2011
Scincidae	*Scincus mitranus*	Smith et al. 2007, taxonomy
Scincidae	*Scincus scincus*	Smith et al. 2007, taxonomy
Scincidae	*Sphenomorphus fasciatus*	polytomy at base of skink tree, taxonomy
Scincidae	*Sphenomorphus indicus*	polytomy at base of skink tree, taxonomy
Scincidae	*Sphenomorphus maculatus*	polytomy at base of skink tree, taxonomy
Scincidae	*Sphenomorphus taiwanensis*	polytomy at base of skink tree, taxonomy
Scincidae	*Tiliqua nigrolutea*	Gardner et al. 2008
Scincidae	*Tiliqua occipitalis*	Gardner et al. 2008
Scincidae	*Tiliqua rugosa*	Gardner et al. 2008
Scincidae	*Tiliqua scincoides*	Gardner et al. 2008
Scincidae	*Trachylepis affinis*	Rocha et al. 2010
Scincidae	*Trachylepis aurata*	polytomy at base of skink tree, taxonomy
Scincidae	*Trachylepis buettneri*	polytomy at base of skink tree, taxonomy
Scincidae	*Trachylepis maculilabris*	Rocha et al. 2010
Scincidae	*Trachylepis quinquetaeniata*	Rocha et al. 2010
Scincidae	*Trachylepis sparsa*	polytomy at base of skink tree, taxonomy
Scincidae	*Trachylepis spilogaster*	polytomy at base of skink tree, taxonomy
Scincidae	*Trachylepis striata*	Rocha et al. 2010
Scincidae	*Trachylepis vittata*	polytomy at base of skink tree, taxonomy
Scincidae	*Typhlosaurus gariepensis*	Daniels et al. 2006, Taxonomy
Teiidae	*Ameiva ameiva*	Giugliano et al. 2007, Reeder et al. 2002, taxonomy
Teiidae	*Ameiva exsul*	Giugliano et al. 2007, Reeder et al. 2002, taxonomy
Teiidae	*Ameiva festiva*	Giugliano et al. 2007, Reeder et al. 2002, taxonomy
Teiidae	*Ameiva fuscata*	Giugliano et al. 2007, Reeder et al. 2002, taxonomy
Teiidae	*Ameiva quadrilineata*	Giugliano et al. 2007, Reeder et al. 2002, taxonomy
Teiidae	*Aspidoscelis burti*	Reeder et al. 2002
Teiidae	*Aspidoscelis cozumelae*	Reeder et al. 2002
Teiidae	*Aspidoscelis deppei*	Reeder et al. 2002
Teiidae	*Aspidoscelis dixoni*	Reeder et al. 2002
Teiidae	*Aspidoscelis exsanguis*	Reeder et al. 2002
Teiidae	*Aspidoscelis gularis*	Reeder et al. 2002
Teiidae	*Aspidoscelis guttatus*	Reeder et al. 2002
Teiidae	*Aspidoscelis hyperythrus*	Reeder et al. 2002
Teiidae	*Aspidoscelis inornata*	Reeder et al. 2002
Teiidae	*Aspidoscelis laredoensis*	Reeder et al. 2002
Teiidae	*Aspidoscelis lineattissimus*	sometimes treated as synonym of deppei (Uetz 2008)
Teiidae	*Aspidoscelis marmoratus*	Reeder et al. 2002
Teiidae	*Aspidoscelis neomexicanus*	Reeder et al. 2002
Teiidae	*Aspidoscelis scalaris*	Reeder et al. 2002
Teiidae	*Aspidoscelis sexlineata*	Reeder et al. 2002
Teiidae	*Aspidoscelis sonorae*	Reeder et al. 2002
Teiidae	*Aspidoscelis tesselatus*	Reeder et al. 2002
Teiidae	*Aspidoscelis tigris*	Reeder et al. 2002
Teiidae	*Aspidoscelis uniparens*	Reeder et al. 2002
Teiidae	*Aspidoscelis velox*	Reeder et al. 2002
Teiidae	*Cnemidophorus cryptus*	Reeder et al. 2002
Teiidae	*Cnemidophorus lacertoides*	Reeder et al. 2002
Teiidae	*Cnemidophorus lemniscatus*	Reeder et al. 2002
Teiidae	*Cnemidophorus ocellifer*	Giugliano et al. 2007
Teiidae	*Cnemidophorus vacariensis*	Feltrim and De Lema 2000
Teiidae	*Kentropyx calcarata*	Wereneck et al. 2009
Teiidae	*Kentropyx pelviceps*	Wereneck et al. 2009

Teiidae	*Kentropyx striata*	Wereneck et al. 2009
Teiidae	*Teius oculatus*	Reeder et al. 2002, taxonomy
Teiidae	*Teius teyou*	Reeder et al. 2002
Teiidae	*Tupinambis teguixin*	Giugliano et al. 2007, Fitzgerald et al. 1999
Trogonophiidae	*Trogonophis wiegmanni*	Macey et al. 2004, Taxonomy
Tropiduridae	*Leiocephalus psammodromus*	Torres-Carvajal and de Queiroz 2009, taxonomy
Tropiduridae	*Plica plica*	Schlute et al. 2003, taxonomy
Tropiduridae	*Plica umbra*	Schlute et al. 2003, taxonomy
Tropiduridae	*Stenocercus chrysopygus*	Schlute et al. 2003, Warne & Charnov 2008, taxonomy
Tropiduridae	*Stenocercus dumerilii*	Schlute et al. 2003, Warne & Charnov 2008, taxonomy
Tropiduridae	*Tropidurus etheridgei*	Frost et al. 2001
Tropiduridae	*Tropidurus semitaeniatus*	Frost et al. 2001
Tropiduridae	*Tropidurus spinulosus*	Frost et al. 2001
Tropiduridae	*Tropidurus torquatus*	Frost et al. 2001
Tropiduridae	*Uracentron flaviceps*	Schlute et al. 2003, Warne & Charnov 2008, taxonomy
Varanidae	*Varanus acanthurus*	Thompson et al. 2008
Varanidae	*Varanus albigularis*	Ast 2001, taxonomy (was considered subspecies of Varanus exanthematicus)
Varanidae	*Varanus bengalensis*	Ast 2001
Varanidae	*Varanus caudolineatus*	Ast 2001, Pianka and King 2004 (caudolineatus close to V. gilleni)
Varanidae	*Varanus cumingi*	considered subspeces of salvator
Varanidae	*Varanus flavescens*	Ast 2001
Varanidae	*Varanus giganteus*	Thompson et al. 2008
Varanidae	*Varanus gouldii*	Thompson et al. 2008
Varanidae	*Varanus griseus*	Ast 2001
Varanidae	*Varanus komodoensis*	Thompson et al. 2008
Varanidae	*Varanus mertensi*	Thompson et al. 2008
Varanidae	*Varanus niloticus*	Ast 2001
Varanidae	*Varanus olivaceus*	Ast 2001
Varanidae	*Varanus rudicollis*	Ast 2001
Varanidae	*Varanus salvator*	Ast 2001
Varanidae	*Varanus scalaris*	Thompson et al. 2008
Varanidae	*Varanus spenceri*	Thompson et al. 2008
Varanidae	*Varanus tristis*	Thompson et al. 2008
Varanidae	*Varanus varius*	Thompson et al. 2008
Xantusiidae	*Xantusia arizonae*	Leavitt et al. 2007
Xantusiidae	*Xantusia henshawi*	Leavitt et al. 2007
Xantusiidae	*Xantusia riversiana*	Leavitt et al. 2007
Xantusiidae	*Xantusia vigilis*	Leavitt et al. 2007
Xenosauridae	*Xenosaurus grandis*	Townsend et al. 2004, Taxonomy

"taxonomy" usually means that, in the absence of phylogenetic data we considered taxonomic ranks such as sub families and genera as monophyletic and Genera/species within them were treated as a polytomy.

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Appendix 2: Data

species	Family	female SVL (mm)	based on	hutchling SVL (mm)	Mass / SVL allometry of
Acanthocercus atricollis	Agamidae	120.24	mean Female SVL	33.0	Agamidae
Agama agama	Agamidae	89.64	mean Female SVL	31.0	Agamidae
Agama impalearis	Agamidae	106.23	midpoint Female SVL	27.5	Agamidae
Aphaniotis acutirostris	Agamidae	50.30	mean Female SVL	23.0	Agamidae
Calotes mystaceus	Agamidae	104.78	mean Female SVL	24.0	Agamidae
Calotes nemoricola	Agamidae	93.56	mean Female SVL	25.2	Agamidae
Calotes nigrilabris	Agamidae	78.8	mean Female SVL	30.0	Agamidae
Calotes versicolor	Agamidae	88.68	mean Female SVL	19.4	Agamidae
Chlamydosaurus kingii	Agamidae	219.36	mean Female SVL	42.0	Agamidae
Ctenophorus fordi	Agamidae	52.60	mean Female SVL	23.0	Agamidae
Ctenophorus isolepis	Agamidae	61.07	mean Female SVL	27.0	Agamidae
Ctenophorus maculosus	Agamidae	59.20	mean Female SVL	25.0	Agamidae
Ctenophorus nuchalis	Agamidae	88.00	mean Female SVL	31.0	Agamidae
Ctenophorus ornatus	Agamidae	81.11	mean Female SVL	30.0	Agamidae
Draco volans	Agamidae	79.32	mean Female SVL	21.0	Agamidae
Gonocephalus bellii	Agamidae	114.93	midpoint Female SVL	25.0	Agamidae
Gonocephalus bornensis	Agamidae	110.00	midpoint Female SVL	36.0	Agamidae
Gonocephalus chamaeleontinus	Agamidae	122.08	midpoint Female SVL	30.0	Agamidae
Gonocephalus grandis	Agamidae	126.4	mean Female SVL	33.5	Agamidae
Japalura kumaonensis	Agamidae	61.26	midpoint species SVL	18.4	Agamidae
Japalura swinhonis	Agamidae	68.89	mean Female SVL	20.0	Agamidae
Laudakia caucasia	Agamidae	114.47	mean Female SVL	35.0	Agamidae
Laudakia stellio	Agamidae	105.57	mean Female SVL	32.0	Agamidae
Lophognathus longirostris	Agamidae	86.05	mean Female SVL	27.0	Agamidae
Moloch horridus	Agamidae	95.44	mean Female SVL	34.0	Agamidae
Phrynocephalus guttatus	Agamidae	48.09	mean Female SVL	22.0	Agamidae
Phrynocephalus helioscopus	Agamidae	49.15	mean Female SVL	18.0	Agamidae
Phrynocephalus mystaceus	Agamidae	73.65	mean Female SVL	30.0	Agamidae
Phrynocephalus theobaldi	Agamidae	50.22	mean Female SVL	25.3	Agamidae
Phrynocephalus versicolor	Agamidae	50.34	midpoint Female SVL	22.0	Agamidae
Physignathus cocincinus	Agamidae	159.48	mean Female SVL	45.0	Agamidae
Physignathus lesueurii	Agamidae	205.28	midpoint Female SVL	49.0	Agamidae
Pogona barbata	Agamidae	167.59	midpoint Female SVL	30.0	Agamidae
Sitana fusca	Agamidae	48.08	midpoint Female SVL	15.0	Agamidae
Sitana ponticeriana	Agamidae	49.44	mean Female SVL	16.9	Agamidae
Sitana sivalensis	Agamidae	44.79	midpoint Female SVL	14.0	Agamidae
Trapelus mutabilis	Agamidae	74.60	mean Female SVL	30.0	Agamidae
Trapelus ruderatus	Agamidae	75.27	midpoint Female SVL	27.0	Agamidae
Trapelus sanguinolentus	Agamidae	86.71	mean Female SVL	29.0	Agamidae
Uromastyx acanthinura	Agamidae	218.22	mean Female SVL	50.0	Agamidae
Uromastyx aegyptia	Agamidae	321.44	mean Female SVL	59.0	Agamidae
Uromastyx ornata	Agamidae	155.11	mean Female SVL	53.0	Agamidae
Amphisbaena kingii	Amphisbaenidae	201.50	mean Female SVL	85.0	Amphisbaenidae
Anguis fragilis	Anguidae	177.96	mean Female SVL	38.0	Limbless Lizards
Barisia herrerae	Anguidae	111.87	mean Female SVL	34.0	Anguidae
Barisia imbricata	Anguidae	111.48	mean Female SVL	29.1	Anguidae
Elgaria coerulea	Anguidae	95.28	mean Female SVL	30.5	Anguidae
Elgaria multicarinata	Anguidae	121.26	mean Female SVL	30.0	Anguidae
Gerrhonotus infernalis	Anguidae	164.70	mean Female SVL	33.0	Anguidae
Mesaspis gadovii	Anguidae	85.12	mean Female SVL	28.7	Anguidae
Mesaspis juarezi	Anguidae	71.14	mean Female SVL	25.0	Anguidae
Mesaspis monticola	Anguidae	75.63	mean Female SVL	23.0	Anguidae
Ophiodes striatus	Anguidae	194.42	mean Female SVL	33.0	leg reduced
Ophisaurus attenuatus	Anguidae	240.77	mean Female SVL	56.0	Limbless Lizards
Ophisaurus compressus	Anguidae	166.3	mean Female SVL	40.0	Limbless Lizards

Ophisaurus gracilis	Anguidae	192.70	mean species SVL	44.0	Limbless Lizards
Ophisaurus ventralis	Anguidae	220.5	mean Female SVL	46.0	Limbless Lizards
Pseudopus apodus	Anguidae	392.28	mean Female SVL	90.0	leg reduced
Anniella pulchra	Anniellidae	123.0	mean Female SVL	45.0	Limbless Lizards
Bipes biporus	Bipedidae	177.15	mean Female SVL	90.0	Amphisbaenia
Bipes canaliculatus	Bipedidae	203.65	midpoint Female SVL	93.0	Amphisbaenia
Bipes tridactylus	Bipedidae	128.13	midpoint Female SVL	60.0	Amphisbaenia
Blanus mettetali	Blanidae	145.98	mean Female SVL	86.0	Amphisbaenia
Bradypodion pumilum	Chamaeleonidae	78.30	mean Female SVL	21.0	Chamaeleonidae
Bradypodion ventrale	Chamaeleonidae	87.50	midpoint Female SVL	23.5	Chamaeleonidae
Chamaeleo calyptratus	Chamaeleonidae	179.38	midpoint Female SVL	25	Chamaeleonidae
Chamaeleo chamaeleon	Chamaeleonidae	118.90	mean Female SVL	25.5	Chamaeleonidae
Chamaeleo dilepis	Chamaeleonidae	112.22	mean Female SVL	31.5	Chamaeleonidae
Chamaeleo namaquensis	Chamaeleonidae	121.91	mean Female SVL	27.8	Chamaeleonidae
Furcifer labordi	Chamaeleonidae	72.81	mean Female SVL	20.0	Chamaeleonidae
Rhampholeon marshalli	Chamaeleonidae	71.00	midpoint Female SVL	20.0	Chamaeleonidae
Trioceros ellioti	Chamaeleonidae	91.83	mean Female SVL	26.0	Chamaeleonidae
Trioceros hoehnelii	Chamaeleonidae	81.47	mean Female SVL	24.0	Chamaeleonidae
Trioceros jacksonii	Chamaeleonidae	106.96	mean Female SVL	25.0	Chamaeleonidae
Trioceros quadricornis	Chamaeleonidae	107.97	mean Female SVL	42.0	Chamaeleonidae
Cordylus capensis	Cordylidae	97.46	mean Female SVL	44.7	Legged Cordylida
Cordylus giganteus	Cordylidae	190.86	mean Female SVL	nodata	Legged Cordylida
Cordylus melanotus	Cordylidae	103.41	mean Female SVL	41.0	Legged Cordylida
Basiliscus basiliscus	Corytophanidae	162.74	mean Female SVL	39.5	Iguania
Basiliscus vittatus	Corytophanidae	120.35	mean Female SVL	34.0	Iguania
Crotaphytus collaris	Crotaphytidae	92.38	mean Female SVL	34.0	Iguania
Crotaphytus grismeri	Crotaphytidae	83.94	midpoint Female SVL	50.0	Iguania
Crotaphytus reticulatus	Crotaphytidae	115.90	midpoint species SVL	34.0	Iguania
Gambelia sila	Crotaphytidae	99.27	mean Female SVL	47.5	Iguania
Gambelia wislizenii	Crotaphytidae	111.49	mean Female SVL	38.0	Iguania
Aeluroscalabotes felinus	Gekkonidae	106.56	mean Female SVL	43.0	Gekkonidae
Alsophylax laevis	Gekkonidae	33.20	mean Female SVL	17.8	Gekkonidae
Alsophylax loricatus	Gekkonidae	28.28	mean Female SVL	15.0	Gekkonidae
Alsophylax pipiens	Gekkonidae	33.91	mean Female SVL	17.0	Gekkonidae
Alsophylax szczerbaki	Gekkonidae	27.79	mean Female SVL	16.0	Gekkonidae
Aristelliger georgeensis	Gekkonidae	95.48	midpoint species SVL	26.4	Gekkonidae
Aristelliger praesignis	Gekkonidae	71.75	midpoint species SVL	27.0	Gekkonidae
Chondrodactylus angulifer	Gekkonidae	80.41	mean Female SVL	38.0	Gekkonidae
Christinus marmoratus	Gekkonidae	52.46	mean Female SVL	19.0	Gekkonidae
Cnemaspis kandiana	Gekkonidae	33.68	mean Female SVL	13.5	Gekkonidae
Coleonyx brevis	Gekkonidae	54.00	mean Female SVL	23	Gekkonidae
Coleonyx elegans	Gekkonidae	87.26	mean Female SVL	38.0	Gekkonidae
Coleonyx reticulatus	Gekkonidae	88.73	midpoint Female SVL	40.0	Gekkonidae
Coleonyx variegatus	Gekkonidae	60.81	mean Female SVL	22.0	Gekkonidae
Crenadactylus ocellatus	Gekkonidae	32.23	mean Female SVL	15.0	Gekkonidae
Crossobamon eversmanni	Gekkonidae	46.78	mean Female SVL	21.0	Gekkonidae
Cyrtodactylus peguensis	Gekkonidae	72.85	midpoint species SVL	28.0	Gekkonidae
Cyrtopodion caspium	Gekkonidae	56.27	mean Female SVL	20.0	Gekkonidae
Cyrtopodion fedtschenkoi	Gekkonidae	59.77	mean Female SVL	22.0	Gekkonidae
Diplodactylus tessellatus	Gekkonidae	54.72	mean Female SVL	25.0	Gekkonidae
Eublepharis macularius	Gekkonidae	120.86	mean Female SVL	44.0	Gekkonidae
Eublepharis turcmenicus	Gekkonidae	129.56	midpoint Female SVL	71.0	Gekkonidae
Geckonia chazaliae	Gekkonidae	62.80	mean species SVL	20.0	Gekkonidae
Gehyra variegata	Gekkonidae	50.14	mean Female SVL	21.0	Gekkonidae
Gekko gecko	Gekkonidae	131.91	mean Female SVL	46.4	Gekkonidae
Gekko hokouensis	Gekkonidae	72.49	mean Female SVL	31.0	Gekkonidae
Gonatodes albogularis	Gekkonidae	41.05	mean Female SVL	17.9	Gekkonidae
Goniurosaurus araneus	Gekkonidae	111.51	midpoint Female SVL	44.0	Gekkonidae
Gymnodactylus geckoides	Gekkonidae	43.63	mean Female SVL	20.0	Gekkonidae

Hemidactylus bowringii	Gekkonidae	47.74	mean Female SVL	18.3	Gekkonidae
Hemidactylus brookii	Gekkonidae	50.65	mean Female SVL	23.3	Gekkonidae
Hemidactylus flaviviridis	Gekkonidae	64.14	mean Female SVL	25.0	Gekkonidae
Hemidactylus frenatus	Gekkonidae	53.48	mean Female SVL	18.5	Gekkonidae
Hemidactylus mabouia	Gekkonidae	56.27	mean Female SVL	20.5	Gekkonidae
Hemidactylus maculatus	Gekkonidae	105.00	midpoint Female SVL	31.0	Gekkonidae
Hemidactylus turcicus	Gekkonidae	47.02	mean Female SVL	22.0	Gekkonidae
Heteronotia binoei	Gekkonidae	49.05	mean Female SVL	18.0	Gekkonidae
Homonota darwinii	Gekkonidae	39.05	mean Female SVL	21.4	Gekkonidae
Homonota fasciata	Gekkonidae	49.63	mean Female SVL	26.7	Gekkonidae
Hoplodactylus maculatus	Gekkonidae	64.11	mean Female SVL	23.0	Gekkonidae
Lepidodactylus lugubris	Gekkonidae	40.98	mean Female SVL	14	Gekkonidae
Lucasium damaeum	Gekkonidae	53.85	mean Female SVL	22.0	Gekkonidae
Lygodactylus klugei	Gekkonidae	29.65	mean Female SVL	14.0	Gekkonidae
Mediodactylus kotschyi	Gekkonidae	41.27	mean Female SVL	17.0	Gekkonidae
Mediodactylus russowii	Gekkonidae	42.51	mean Female SVL	16.6	Gekkonidae
Naultinus gemmeus	Gekkonidae	68.12	mean Female SVL	33.0	Gekkonidae
Naultinus manukanus	Gekkonidae	74.00	mean Female SVL	nodata	Gekkonidae
Oedura castelnaui	Gekkonidae	98.27	midpoint Female SVL	38.0	Gekkonidae
Oedura lesueurii	Gekkonidae	64.72	mean Female SVL	28.0	Gekkonidae
Oedura monilis	Gekkonidae	80.94	mean Female SVL	30.0	Gekkonidae
Oedura reticulata	Gekkonidae	65.13	mean Female SVL	26.0	Gekkonidae
Oedura tryoni	Gekkonidae	81.13	mean Female SVL	35.0	Gekkonidae
Phelsuma dubia	Gekkonidae	53.86	midpoint Female SVL	21.0	Gekkonidae
Phyllodactylus lanei	Gekkonidae	64.79	mean Female SVL	22.0	Gekkonidae
Phyllopezus pollicaris	Gekkonidae	76.59	mean Female SVL	29.0	Gekkonidae
Phyllurus platurus	Gekkonidae	87.63	mean Female SVL	30.3	Gekkonidae
Pristurus rupestris	Gekkonidae	28.12	midpoint species SVL	16.0	Gekkonidae
Ptenopus garrulus	Gekkonidae	46.37	mean Female SVL	23.0	Gekkonidae
Ptyodactylus guttatus	Gekkonidae	68.54	mean Female SVL	25.0	Gekkonidae
Ptyodactylus oudrii	Gekkonidae	50.35	mean Female SVL	28.0	Gekkonidae
Ptyodactylus ragazzii	Gekkonidae	83.25	mean Female SVL	28.0	Gekkonidae
Quedenfeldtia trachyblepharus	Gekkonidae	40.30	mean species SVL	nodata	Gekkonidae
Rhacodactylus auriculatus	Gekkonidae	121.59	mean species SVL	40.0	Gekkonidae
Saltuarius cornutus	Gekkonidae	153.90	mean species SVL	50.6	Gekkonidae
Sphaerodactylus cinereus	Gekkonidae	32.05	midpoint Female SVL	nodata	Gekkonidae
Sphaerodactylus elegans	Gekkonidae	28.12	midpoint species SVL	16.3	Gekkonidae
Sphaerodactylus pimienta	Gekkonidae	33.02	midpoint Female SVL	18.0	Gekkonidae
Sphaerodactylus roosevelti	Gekkonidae	35.12	midpoint Female SVL	19.5	Gekkonidae
Sphaerodactylus savagei	Gekkonidae	32.41	midpoint Female SVL	14.0	Gekkonidae
Stenodactylus doriae	Gekkonidae	64.31	mean Female SVL	29.0	Gekkonidae
Strophurus ciliaris	Gekkonidae	73.86	mean Female SVL	28.6	Gekkonidae
Strophurus elderi	Gekkonidae	43.90	mean Female SVL	14.1	Gekkonidae
Strophurus intermedius	Gekkonidae	67.17	mean Female SVL	26.8	Gekkonidae
Tarentola angustimentalis	Gekkonidae	63.02	midpoint Female SVL	20.0	Gekkonidae
Tarentola annularis	Gekkonidae	100.73	mean Female SVL	33.0	Gekkonidae
Tarentola boettgeri	Gekkonidae	59.93	midpoint Female SVL	25.0	Gekkonidae
Tarentola deserti	Gekkonidae	82.34	mean Female SVL	38.0	Gekkonidae
Tarentola mauritanica	Gekkonidae	64.97	mean Female SVL	20.0	Gekkonidae
Teratoscincus scincus	Gekkonidae	78.68	mean Female SVL	37.5	Gekkonidae
Gerrhosaurus skoogi	Gerrhosauridae	146.02	midpoint Female SVL	60.0	Gerrhosauridae
Cercosaura schreibersii	Gymnophthalmidae	38.57	mean Female SVL	13.4	Legged Gymnoph
Gymnophthalmus speciosus	Gymnophthalmidae	41.78	mean Female SVL	16.0	Legged Gymnoph
Leposoma rugiceps	Gymnophthalmidae	40.25	midpoint Female SVL	16.0	Legged Gymnoph
Potamites ecpleopus	Gymnophthalmidae	59.38	mean Female SVL	21.0	Legged Gymnoph
Heloderma horridum	Helodermatidae	367.33	mean Female SVL	115.0	Anguimorpha
Heloderma suspectum	Helodermatidae	302.68	mean Female SVL	136.5	Anguimorpha
Amblyrhynchus cristatus	Iguanidae	323.87	mean Female SVL	110.5	Iguanidae
Brachylophus fasciatus	Iguanidae	159.83	mean Female SVL	74	Iguanidae

Conolophus pallidus	Iguanidae	337.47	mean Female SVL	100.0	Iguanidae
Conolophus subcristatus	Iguanidae	386.30	mean Female SVL	99.0	Iguanidae
Ctenosaura pectinata	Iguanidae	283.03	mean Female SVL	56.6	Iguanidae
Ctenosaura similis	Iguanidae	308.70	mean Female SVL	52	Iguanidae
Cyclura carinata	Iguanidae	232.30	mean Female SVL	79.8	Iguanidae
Cyclura cornuta	Iguanidae	475.54	mean Female SVL	102.3	Iguanidae
Cyclura cychlura	Iguanidae	419.07	midpoint Female SVL	88.5	Iguanidae
Cyclura nubila	Iguanidae	334.25	mean Female SVL	102.5	Iguanidae
Cyclura pinguis	Iguanidae	462.87	mean Female SVL	97.5	Iguanidae
Dipsosaurus dorsalis	Iguanidae	116.20	mean Female SVL	44.0	Iguanidae
Iguana iguana	Iguanidae	322.26	mean Female SVL	77.5	Iguanidae
Sauromalus ater	Iguanidae	162.60	mean Female SVL	52.5	Iguanidae
Sauromalus hispidus	Iguanidae	274.14	mean species SVL	70.0	Iguanidae
Sauromalus obesus	Iguanidae	174.21	mean Female SVL	54.0	Iguanidae
Sauromalus varius	Iguanidae	289.72	midpoint species SVL	75.0	Iguanidae
Acanthodactylus erythrurus	Lacertidae	71.49	mean Female SVL	29.0	Lacertidae
Acanthodactylus pardalis	Lacertidae	62.02	mean Female SVL	28.0	Lacertidae
Acanthodactylus scutellatus	Lacertidae	53.72	mean Female SVL	25.0	Lacertidae
Acanthodactylus spinicauda	Lacertidae	52.62	mean Female SVL	33.0	Lacertidae
Algyroides marchi	Lacertidae	45.05	mean species SVL	20.0	Lacertidae
Algyroides moreoticus	Lacertidae	45.47	midpoint Female SVL	20.0	Lacertidae
Algyroides nigropunctatus	Lacertidae	54.40	midpoint Female SVL	20.0	Lacertidae
Atlantolacerta andreanskyi	Lacertidae	50.29	mean species SVL	22.2	Lacertidae
Dalmatolacerta oxycephala	Lacertidae	56.85	mean Female SVL	20.0	Lacertidae
Darevskia chlorogaster	Lacertidae	60.19	mean Female SVL	24.4	Lacertidae
Darevskia derjugini	Lacertidae	57.41	mean Female SVL	19.0	Lacertidae
Darevskia parvula	Lacertidae	51.51	mean Female SVL	21.0	Lacertidae
Darevskia portschinskii	Lacertidae	52.85	mean Female SVL	25.0	Lacertidae
Darevskia praticola	Lacertidae	55.57	mean Female SVL	22.0	Lacertidae
Darevskia raddei	Lacertidae	58.57	mean Female SVL	24.0	Lacertidae
Darevskia rostombekovi	Lacertidae	52.12	mean Female SVL	22.5	Lacertidae
Darevskia rudis	Lacertidae	69.87	mean Female SVL	25.0	Lacertidae
Darevskia saxicola	Lacertidae	58.28	mean Female SVL	22.2	Lacertidae
Darevskia unisexualis	Lacertidae	59.75	mean Female SVL	25.0	Lacertidae
Darevskia valentini	Lacertidae	69.48	mean Female SVL	25.4	Lacertidae
Dinarolacerta mosorensis	Lacertidae	65.01	mean Female SVL	25.4	Lacertidae
Eremias arguta	Lacertidae	73.36	midpoint Female SVL	25.0	Lacertidae
Eremias grammica	Lacertidae	59.86	midpoint Female SVL	25.5	Lacertidae
Eremias intermedia	Lacertidae	52.88	midpoint Female SVL	27.0	Lacertidae
Eremias lineolata	Lacertidae	42.60	midpoint Female SVL	25.0	Lacertidae
Eremias nigrocellata	Lacertidae	67.72	midpoint species SVL	27.0	Lacertidae
Eremias nikolskii	Lacertidae	65.99	midpoint Female SVL	25.0	Lacertidae
Eremias persica	Lacertidae	87.83	midpoint Female SVL	32.0	Lacertidae
Eremias pleskei	Lacertidae	55.20	midpoint species SVL	23.0	Lacertidae
Eremias regeli	Lacertidae	61.40	mean species SVL	26.0	Lacertidae
Eremias strauchi	Lacertidae	66.07	mean species SVL	28.0	Lacertidae
Eremias velox	Lacertidae	71.22	midpoint Female SVL	26.0	Lacertidae
Gallotia atlantica	Lacertidae	63.32	mean Female SVL	23.2	Lacertidae
Gallotia bravoana	Lacertidae	120.03	mean Female SVL	33.1	Lacertidae
Gallotia caesaris	Lacertidae	74.49	mean Female SVL	29.4	Lacertidae
Gallotia galloti	Lacertidae	89.51	mean Female SVL	30.0	Lacertidae
Gallotia simonyi	Lacertidae	163.14	mean Female SVL	44.0	Lacertidae
Gallotia stehlini	Lacertidae	188.89	mean Female SVL	40.0	Lacertidae
Heliobolus lugubris	Lacertidae	58.31	midpoint Female SVL	18.0	Lacertidae
Hellenolacerta graeca	Lacertidae	65.15	midpoint Female SVL	28.5	Lacertidae
Iberolacerta aranica	Lacertidae	57.93	mean Female SVL	22.1	Lacertidae
Iberolacerta aurelioi	Lacertidae	55.89	mean Female SVL	26.4	Lacertidae
Iberolacerta bonnali	Lacertidae	56.74	mean Female SVL	20.0	Lacertidae
Iberolacerta cyreni	Lacertidae	75.99	mean Female SVL	22.0	Lacertidae

Iberolacerta horvathi	Lacertidae	60.46	mean Female SVL	24.0	Lacertidae
Iberolacerta monticola	Lacertidae	67.39	mean Female SVL	22.0	Lacertidae
Ichnotropis squamulosa	Lacertidae	56.30	mean Female SVL	29.0	Lacertidae
Lacerta agilis	Lacertidae	79.10	mean Female SVL	20.0	Lacertidae
Lacerta schreiberi	Lacertidae	110.24	mean Female SVL	25.0	Lacertidae
Lacerta strigata	Lacertidae	95.46	midpoint Female SVL	30.0	Lacertidae
Lacerta trilineata	Lacertidae	115.67	mean Female SVL	34.0	Lacertidae
Lacerta viridis	Lacertidae	104.39	mean Female SVL	27.0	Lacertidae
Meroles anchietae	Lacertidae	44.59	mean Female SVL	26.0	Lacertidae
Meroles cuneirostris	Lacertidae	49.66	mean Female SVL	26.0	Lacertidae
Meroles suborbitalis	Lacertidae	55.60	mean Female SVL	26.5	Lacertidae
Mesalina guttulata	Lacertidae	46.40	mean Female SVL	21.0	Lacertidae
Mesalina olivieri	Lacertidae	41.35	mean Female SVL	20.0	Lacertidae
Mesalina pasteuri	Lacertidae	44.47	midpoint species SVL	21.0	Lacertidae
Mesalina rubropunctata	Lacertidae	49.28	mean Female SVL	24.0	Lacertidae
Nucras lalandii	Lacertidae	89.10	mean Female SVL	20.0	Lacertidae
Nucras taeniolata	Lacertidae	69.25	mean Female SVL	32.0	Lacertidae
Nucras tessellata	Lacertidae	71.00	mean Female SVL	32.0	Lacertidae
Ophisops elegans	Lacertidae	48.26	mean Female SVL	19.7	Lacertidae
Parvilacerta parva	Lacertidae	54.25	midpoint Female SVL	24.0	Lacertidae
Pedioplanis burchelli	Lacertidae	54.86	mean Female SVL	nodata	Lacertidae
Pedioplanis namaquensis	Lacertidae	50.10	mean Female SVL	21.0	Lacertidae
Phoenicolacerta laevis	Lacertidae	63.18	mean Female SVL	25.0	Lacertidae
Phoenicolacerta troodica	Lacertidae	55.81	midpoint Female SVL	25.5	Lacertidae
Podarcis bocagei	Lacertidae	53.55	mean Female SVL	20.0	Lacertidae
Podarcis carbonelli	Lacertidae	51.77	mean Female SVL	20.9	Lacertidae
Podarcis erhardii	Lacertidae	62.54	mean Female SVL	27.8	Lacertidae
Podarcis filfolensis	Lacertidae	65.67	mean Female SVL	24.8	Lacertidae
Podarcis gaigeae	Lacertidae	64.30	mean Female SVL	27.8	Lacertidae
Podarcis hispanicus	Lacertidae	53.92	mean Female SVL	20.0	Lacertidae
Podarcis lilfordi	Lacertidae	60.44	mean Female SVL	28.7	Lacertidae
Podarcis liolepis	Lacertidae	59.52	mean Female SVL	22.1	Lacertidae
Podarcis melisellensis	Lacertidae	60.32	mean Female SVL	25.0	Lacertidae
Podarcis milensis	Lacertidae	51.39	mean Female SVL	24.0	Lacertidae
Podarcis muralis	Lacertidae	61.37	mean Female SVL	24.1	Lacertidae
Podarcis peloponnesiacus	Lacertidae	68.65	mean Female SVL	28.2	Lacertidae
Podarcis pityusensis	Lacertidae	58.60	mean Female SVL	27.8	Lacertidae
Podarcis siculus	Lacertidae	63.07	mean Female SVL	23.0	Lacertidae
Podarcis tauricus	Lacertidae	62.99	mean Female SVL	26.7	Lacertidae
Podarcis waglerianus	Lacertidae	55.51	midpoint Female SVL	26.2	Lacertidae
Psammodromus algirus	Lacertidae	70.26	mean Female SVL	25.0	Lacertidae
Psammodromus blanci	Lacertidae	42.89	mean Female SVL	19.0	Lacertidae
Psammodromus hispanicus	Lacertidae	49.02	mean Female SVL	19.0	Lacertidae
Scelarcis perspicillata	Lacertidae	45.65	mean Female SVL	23.0	Lacertidae
Takydromus amurensis	Lacertidae	72.07	midpoint Female SVL	23.0	Lacertidae
Takydromus septentrionalis	Lacertidae	61.77	mean Female SVL	23.4	Lacertidae
Takydromus sexlineatus	Lacertidae	56.70	mean Female SVL	15.0	Lacertidae
Takydromus tachydromoides	Lacertidae	51.75	mean Female SVL	22.0	Lacertidae
Takydromus wolteri	Lacertidae	51.83	mean Female SVL	21.8	Lacertidae
Teira dugesii	Lacertidae	62.03	mean Female SVL	28.2	Lacertidae
Timon lepidus	Lacertidae	152.53	mean Female SVL	36.5	Lacertidae
Timon pater	Lacertidae	143.09	mean Female SVL	42.0	Lacertidae
Zootoca vivipara	Lacertidae	58.79	mean Female SVL	15.0	Lacertidae
Liolaemus andinus	Liolaemidae	86.91	mean Female SVL	28.0	Tropiduridae
Liolaemus bibronii	Liolaemidae	52.15	mean Female SVL	27.0	Tropiduridae
Liolaemus boulengeri	Liolaemidae	59.57	mean Female SVL	24.9	Tropiduridae
Liolaemus elongatus	Liolaemidae	74.11	mean Female SVL	23.1	Tropiduridae
Liolaemus huacahuasicus	Liolaemidae	63.20	mean Female SVL	26.0	Tropiduridae
Liolaemus koslowskyi	Liolaemidae	56.71	mean Female SVL	22.0	Tropiduridae

Liolaemus lineomaculatus	Liolaemidae	56.51	mean Female SVL	25.0	Tropiduridae
Liolaemus lutzae	Liolaemidae	63.93	mean Female SVL	31.0	Tropiduridae
Liolaemus pictus	Liolaemidae	61.23	mean Female SVL	32.0	Tropiduridae
Liolaemus scolaroi	Liolaemidae	50.22	mean species SVL	27.9	Tropiduridae
Liolaemus signifer	Liolaemidae	57.57	midpoint Female SVL	28.0	Tropiduridae
Liolaemus wiegmannii	Liolaemidae	49.58	mean Female SVL	20.0	Tropiduridae
Phymaturus patagonicus	Liolaemidae	98.68	mean Female SVL	33.0	Tropiduridae
Phymaturus punae	Liolaemidae	92.54	mean Female SVL	49.2	Tropiduridae
Phymaturus zapalensis	Liolaemidae	90.17	mean Female SVL	47.5	Tropiduridae
Callisaurus draconoides	Phrynosomatidae	74.43	mean Female SVL	29.0	Phrynosomatidae
Cophosaurus texanus	Phrynosomatidae	57.25	mean Female SVL	23.5	Phrynosomatidae
Holbrookia lacerata	Phrynosomatidae	59.15	mean species SVL	20.0	Phrynosomatidae
Holbrookia maculata	Phrynosomatidae	55.31	mean Female SVL	17.0	Phrynosomatidae
Holbrookia propinqua	Phrynosomatidae	52.59	mean Female SVL	26.0	Phrynosomatidae
Phrynosoma blainvillii	Phrynosomatidae	89.50	mean species SVL	29.0	Phrynosomatidae
Phrynosoma cornutum	Phrynosomatidae	77.90	mean Female SVL	19	Phrynosomatidae
Phrynosoma coronatum	Phrynosomatidae	83.60	mean Female SVL	31.0	Phrynosomatidae
Phrynosoma ditmarsi	Phrynosomatidae	72.63	mean Female SVL	24.0	Phrynosomatidae
Phrynosoma douglassii	Phrynosomatidae	73.21	mean Female SVL	23	Phrynosomatidae
Phrynosoma hernandesi	Phrynosomatidae	96.76	midpoint Female SVL	26	Phrynosomatidae
Phrynosoma mcallii	Phrynosomatidae	70.20	mean Female SVL	30.0	Phrynosomatidae
Phrynosoma modestum	Phrynosomatidae	59.30	mean Female SVL	19.0	Phrynosomatidae
Phrynosoma platyrhinos	Phrynosomatidae	81.36	mean Female SVL	25	Phrynosomatidae
Phrynosoma solare	Phrynosomatidae	92.08	mean Female SVL	28.0	Phrynosomatidae
Sceloporus aeneus	Phrynosomatidae	47.51	mean Female SVL	nodata	Phrynosomatidae
Sceloporus arenicolus	Phrynosomatidae	54.98	mean Female SVL	22.4	Phrynosomatidae
Sceloporus clarkii	Phrynosomatidae	94.22	mean Female SVL	30.5	Phrynosomatidae
Sceloporus consobrinus	Phrynosomatidae	65.90	mean Female SVL	22.0	Phrynosomatidae
Sceloporus cozumelae	Phrynosomatidae	46.41	mean Female SVL	23.0	Phrynosomatidae
Sceloporus cyanogenys	Phrynosomatidae	108.24	mean Female SVL	28.0	Phrynosomatidae
Sceloporus formosus	Phrynosomatidae	71.02	mean Female SVL	28.6	Phrynosomatidae
Sceloporus gadoviae	Phrynosomatidae	53.88	mean Female SVL	24.0	Phrynosomatidae
Sceloporus graciosus	Phrynosomatidae	56.36	mean Female SVL	23.0	Phrynosomatidae
Sceloporus grammicus	Phrynosomatidae	50.92	mean Female SVL	18.0	Phrynosomatidae
Sceloporus horridus	Phrynosomatidae	83.49	mean Female SVL	23.0	Phrynosomatidae
Sceloporus jarrovii	Phrynosomatidae	74.93	mean Female SVL	25.0	Phrynosomatidae
Sceloporus magister	Phrynosomatidae	94.12	mean Female SVL	35	Phrynosomatidae
Sceloporus malachiticus	Phrynosomatidae	71.70	mean Female SVL	29.0	Phrynosomatidae
Sceloporus merriami	Phrynosomatidae	48.75	mean Female SVL	22.0	Phrynosomatidae
Sceloporus mucronatus	Phrynosomatidae	83.50	mean Female SVL	25.0	Phrynosomatidae
Sceloporus occidentalis	Phrynosomatidae	74.39	mean Female SVL	27.0	Phrynosomatidae
Sceloporus olivaceus	Phrynosomatidae	92.66	mean Female SVL	22.0	Phrynosomatidae
Sceloporus omiltemanus	Phrynosomatidae	83.76	mean Female SVL	28.6	Phrynosomatidae
Sceloporus orcutti	Phrynosomatidae	92.54	mean Female SVL	33.0	Phrynosomatidae
Sceloporus poinsettii	Phrynosomatidae	99.27	mean Female SVL	32	Phrynosomatidae
Sceloporus scalaris	Phrynosomatidae	53.11	mean Female SVL	20.0	Phrynosomatidae
Sceloporus serrifer	Phrynosomatidae	100.74	mean Female SVL	29.6	Phrynosomatidae
Sceloporus slevini	Phrynosomatidae	56.58	midpoint species SVL	20.0	Phrynosomatidae
Sceloporus torquatus	Phrynosomatidae	93.25	mean Female SVL	29.0	Phrynosomatidae
Sceloporus undulatus	Phrynosomatidae	63.89	mean Female SVL	22.0	Phrynosomatidae
Sceloporus utiformis	Phrynosomatidae	63.05	mean Female SVL	25.0	Phrynosomatidae
Sceloporus variabilis	Phrynosomatidae	55.38	mean Female SVL	22.6	Phrynosomatidae
Sceloporus virgatus	Phrynosomatidae	56.05	mean Female SVL	21.5	Phrynosomatidae
Sceloporus woodi	Phrynosomatidae	56.00	mean Female SVL	21.0	Phrynosomatidae
Uma exsul	Phrynosomatidae	67.90	mean Female SVL	32.0	Phrynosomatidae
Uma notata	Phrynosomatidae	81.23	mean Female SVL	37.5	Phrynosomatidae
Urosaurus bicarinatus	Phrynosomatidae	45.49	mean Female SVL	18.0	Phrynosomatidae
Urosaurus graciosus	Phrynosomatidae	51.64	mean Female SVL	24.0	Phrynosomatidae
Urosaurus ornatus	Phrynosomatidae	47.22	mean Female SVL	17.0	Phrynosomatidae

Uta stansburiana	Phrynosomatidae	47.09	mean Female SVL	18.0	Phrynosomatidae
Anolis acutus	Polychrotidae	43.85	mean Female SVL	20.5	Polychrotidae
Anolis argenteolus	Polychrotidae	47.24	mean Female SVL	20.1	Polychrotidae
Anolis bahorucoensis	Polychrotidae	44.94	midpoint Female SVL	18.5	Polychrotidae
Anolis carolinensis	Polychrotidae	50.18	mean Female SVL	20.0	Polychrotidae
Anolis cupreus	Polychrotidae	41.38	mean Female SVL	18.0	Polychrotidae
Anolis intermedius	Polychrotidae	45.81	mean Female SVL	18.0	Polychrotidae
Anolis limifrons	Polychrotidae	42.19	mean Female SVL	12.0	Polychrotidae
Anolis lineatopus	Polychrotidae	39.60	mean Female SVL	21.1	Polychrotidae
Anolis lionotus	Polychrotidae	66.86	mean species SVL	23.0	Polychrotidae
Anolis lucius	Polychrotidae	51.95	mean Female SVL	25.1	Polychrotidae
Anolis nebulosus	Polychrotidae	39.39	mean Female SVL	18.0	Polychrotidae
Anolis opalinus	Polychrotidae	39.56	mean Female SVL	19.3	Polychrotidae
Anolis polylepis	Polychrotidae	46.03	mean Female SVL	19.0	Polychrotidae
Anolis roquet	Polychrotidae	53.40	mean Female SVL	22.0	Polychrotidae
Anolis sabanus	Polychrotidae	49.66	midpoint Female SVL	23.0	Polychrotidae
Anolis sagrei	Polychrotidae	47.65	mean Female SVL	15.8	Polychrotidae
Anolis tropidolepis	Polychrotidae	51.42	mean Female SVL	20.0	Polychrotidae
Anolis valencienni	Polychrotidae	61.00	mean Female SVL	23.0	Polychrotidae
Polychrus acutirostris	Polychrotidae	122.86	mean Female SVL	34.0	Polychrotidae
Aprasia pulchella	Pygopodidae	111.57	mean Female SVL	46.0	Pygopodidae
Aprasia repens	Pygopodidae	110.35	mean Female SVL	43.0	Pygopodidae
Lialis burtonis	Pygopodidae	200.62	mean Female SVL	67.0	Pygopodidae
Ablepharus kitaibelii	Scincidae	46.19	mean Female SVL	20.0	Legged Scincidae
Acontias kgalagadi	Scincidae	133.45	mean Female SVL	57.0	Limbless Lizards
Afroablepharus wahlbergi	Scincidae	43.92	mean Female SVL	15.0	Legged Scincidae
Asymblepharus sikimmensis	Scincidae	39.61	mean species SVL	19.0	Legged Scincidae
Bassiana duperreyi	Scincidae	66.72	mean Female SVL	23.5	Legged Scincidae
Carlia longipes	Scincidae	59.39	mean Female SVL	21.0	Legged Scincidae
Carlia rhomboidalis	Scincidae	49.89	mean Female SVL	19.0	Legged Scincidae
Carlia rostralis	Scincidae	59.88	mean Female SVL	29.0	Legged Scincidae
Carlia rubrigularis	Scincidae	53.55	mean Female SVL	22.0	Legged Scincidae
Carlia tetradactyla	Scincidae	52.91	mean Female SVL	25.0	Legged Scincidae
Chalcides bedriagai	Scincidae	76.55	mean Female SVL	25.5	Legged Scincidae
Chalcides chalcides	Scincidae	127.28	mean species SVL	40.0	leg reduced
Chalcides ocellatus	Scincidae	132.34	mean Female SVL	40.0	Legged Scincidae
Chalcides sepsoides	Scincidae	99.39	mean species SVL	39.0	leg reduced
Chalcides viridanus	Scincidae	108.27	mean Female SVL	31.9	Legged Scincidae
Ctenotus brooksi	Scincidae	46.39	mean Female SVL	24.0	Legged Scincidae
Ctenotus pantherinus	Scincidae	80.66	mean Female SVL	34.0	Legged Scincidae
Ctenotus taeniolatus	Scincidae	70.32	mean Female SVL	27.0	Legged Scincidae
Cyclodomorphus celatus	Scincidae	101.90	mean Female SVL	38.0	Legged Scincidae
Cyclodomorphus melanops	Scincidae	96.87	mean Female SVL	40.5	Legged Scincidae
Dasia olivacea	Scincidae	120.25	midpoint species SVL	32.0	Legged Scincidae
Egernia cunninghami	Scincidae	222.62	mean species SVL	63.5	Legged Scincidae
Egernia kingii	Scincidae	217.58	mean Female SVL	70.0	Legged Scincidae
Egernia stokesii	Scincidae	182.25	mean Female SVL	75.5	Legged Scincidae
Egernia striolata	Scincidae	108.58	mean Female SVL	47.0	Legged Scincidae
Emoia atrocostata	Scincidae	84.13	mean Female SVL	33.0	Legged Scincidae
Emoia cyanura	Scincidae	47.13	mean Female SVL	21.5	Legged Scincidae
Emoia nigra	Scincidae	104.03	mean Female SVL	35.5	Legged Scincidae
Eremiascincus richardsonii	Scincidae	86.47	mean Female SVL	32.0	Legged Scincidae
Eulamprus brachyosoma	Scincidae	71.35	mean Female SVL	nodata	Legged Scincidae
Eulamprus quoyii	Scincidae	104.37	mean Female SVL	38.6	Legged Scincidae
Eulamprus tympanum	Scincidae	91.03	mean Female SVL	31.0	Legged Scincidae
Eumeces schneideri	Scincidae	146.09	mean Female SVL	58.0	Legged Scincidae
Eutropis carinata	Scincidae	90.49	midpoint Female SVL	30.0	Legged Scincidae
Eutropis longicaudata	Scincidae	109.29	mean Female SVL	45.0	Legged Scincidae
Eutropis multifasciata	Scincidae	99.23	mean Female SVL	38.1	Legged Scincidae

Hemiergis peronii	Scincidae	62.68	mean Female SVL	24.0	leg reduced
Lamprolepis smaragdina	Scincidae	90.52	mean Female SVL	31.0	Legged Scincidae
Lampropholis delicata	Scincidae	40.49	mean Female SVL	14.0	Legged Scincidae
Lampropholis guichenoti	Scincidae	40.87	mean Female SVL	17.0	Legged Scincidae
Lerista borealis	Scincidae	59.70	mean Female SVL	30.0	leg reduced
Lerista bougainvillii	Scincidae	58.66	mean Female SVL	nodata	Legged Scincidae
Lerista punctatovittata	Scincidae	96.04	mean Female SVL	39.0	leg reduced
Lerista xanthura	Scincidae	49.80	mean Female SVL	25.0	leg reduced
Liopholis inornata	Scincidae	72.76	mean Female SVL	32.0	Legged Scincidae
Liopholis kintorei	Scincidae	193.31	mean Female SVL	75.0	Legged Scincidae
Liopholis modesta	Scincidae	102.74	mean Female SVL	39.4	Legged Scincidae
Liopholis striata	Scincidae	87.99	mean Female SVL	41.0	Legged Scincidae
Liopholis whitii	Scincidae	89.35	mean Female SVL	40.0	Legged Scincidae
Lissolepis coventryi	Scincidae	102.74	mean Female SVL	36.5	Legged Scincidae
Lobulia alpina	Scincidae	64.83	mean Female SVL	26.0	Legged Scincidae
Mabuya agilis	Scincidae	68.45	mean Female SVL	32.0	Legged Scincidae
Mabuya bistriata	Scincidae	94.10	mean Female SVL	35.8	Legged Scincidae
Mabuya frenata	Scincidae	74.15	mean Female SVL	26.0	Legged Scincidae
Mabuya heathi	Scincidae	74.37	mean Female SVL	31.0	Legged Scincidae
Mabuya mabouya	Scincidae	83.54	mean Female SVL	34.5	Legged Scincidae
Mabuya nigropunctata	Scincidae	87.65	mean Female SVL	38.0	Legged Scincidae
Mabuya unimarginata	Scincidae	71.61	mean Female SVL	32.0	Legged Scincidae
Menetia greyii	Scincidae	32.02	mean Female SVL	11.0	Legged Scincidae
Morethia boulengeri	Scincidae	47.84	mean Female SVL	18.0	Legged Scincidae
Morethia obscura	Scincidae	49.47	mean Female SVL	18.0	Legged Scincidae
Nannoscincus maccoyi	Scincidae	51.59	mean Female SVL	22.0	Legged Scincidae
Niveoscincus coventryi	Scincidae	43.32	mean Female SVL	17.6	Legged Scincidae
Niveoscincus greeni	Scincidae	65.73	mean Female SVL	31	Legged Scincidae
Niveoscincus metallicus	Scincidae	53.55	mean Female SVL	21.2	Legged Scincidae
Niveoscincus microlepidotus	Scincidae	60.03	mean Female SVL	19.0	Legged Scincidae
Niveoscincus ocellatus	Scincidae	69.76	mean Female SVL	29.0	Legged Scincidae
Oligosoma maccanni	Scincidae	62.33	mean Female SVL	26.1	Legged Scincidae
Oligosoma oliveri	Scincidae	82.54	mean Female SVL	40.4	Legged Scincidae
Oligosoma otagense	Scincidae	116.53	mean Female SVL	38.0	Legged Scincidae
Oligosoma whitakeri	Scincidae	90.35	midpoint Female SVL	48.0	Legged Scincidae
Panaspis nimbaensis	Scincidae	45.79	mean Female SVL	18.0	Legged Scincidae
Plestiodon anthracinus	Scincidae	60.90	mean Female SVL	20.0	Legged Scincidae
Plestiodon copei	Scincidae	68.31	mean Female SVL	24.7	Legged Scincidae
Plestiodon egregius	Scincidae	45.32	mean Female SVL	22.3	leg reduced
Plestiodon fasciatus	Scincidae	69.02	mean Female SVL	21.0	Legged Scincidae
Plestiodon inexpectatus	Scincidae	70.75	mean Female SVL	22.0	Legged Scincidae
Plestiodon laticeps	Scincidae	100.73	mean Female SVL	27.0	Legged Scincidae
Plestiodon lynxe	Scincidae	61.77	mean Female SVL	24.0	Legged Scincidae
Plestiodon multivirgatus	Scincidae	65.50	mean Female SVL	20.0	Legged Scincidae
Plestiodon obsoletus	Scincidae	118.78	mean Female SVL	37.5	Legged Scincidae
Plestiodon okadae	Scincidae	82.28	mean Female SVL	26.5	Legged Scincidae
Plestiodon reynoldsi	Scincidae	56.23	mean Female SVL	24.0	Legged Scincidae
Plestiodon septentrionalis	Scincidae	73.44	mean Female SVL	22.0	Legged Scincidae
Plestiodon skiltonianus	Scincidae	64.72	mean Female SVL	25.0	Legged Scincidae
Plestiodon tetragrammus	Scincidae	63.45	mean species SVL	20.0	Legged Scincidae
Scincella lateralis	Scincidae	45.79	mean Female SVL	19.0	Legged Scincidae
Scincus mitranus	Scincidae	101.44	mean Female SVL	36.0	Legged Scincidae
Scincus scincus	Scincidae	100.12	mean Female SVL	51.0	Legged Scincidae
Sphenomorphus fasciatus	Scincidae	97.95	mean Female SVL	25.9	Legged Scincidae
Sphenomorphus indicus	Scincidae	80.24	mean Female SVL	26.5	Legged Scincidae
Sphenomorphus maculatus	Scincidae	57.08	mean Female SVL	28.0	Legged Scincidae
Sphenomorphus taiwanensis	Scincidae	53.86	mean Female SVL	24.8	Legged Scincidae
Tiliqua nigrolutea	Scincidae	290.66	midpoint Female SVL	114.0	Legged Scincidae
Tiliqua occipitalis	Scincidae	275.66	mean Female SVL	85.0	Legged Scincidae

Tiliqua rugosa	Scincidae	263.09	mean Female SVL	124.0	Legged Scincidae
Tiliqua scincoides	Scincidae	309.71	mean species SVL	74.3	Legged Scincidae
Trachylepis affinis	Scincidae	64.57	mean Female SVL	23.7	Legged Scincidae
Trachylepis aurata	Scincidae	75.80	midpoint Female SVL	30.0	Legged Scincidae
Trachylepis buettneri	Scincidae	71.25	mean Female SVL	22.0	Legged Scincidae
Trachylepis maculilabris	Scincidae	73.50	mean Female SVL	24.0	Legged Scincidae
Trachylepis quinquetaeniata	Scincidae	81.70	mean Female SVL	31.8	Legged Scincidae
Trachylepis sparsa	Scincidae	80.14	mean Female SVL	28.0	Legged Scincidae
Trachylepis spilogaster	Scincidae	75.45	mean Female SVL	25.5	Legged Scincidae
Trachylepis striata	Scincidae	75.20	mean Female SVL	26.0	Legged Scincidae
Trachylepis vittata	Scincidae	65.66	mean Female SVL	23.0	Legged Scincidae
Typhlosaurus gariepensis	Scincidae	123.58	mean Female SVL	58.0	Limbless Lizards
Ameiva ameiva	Teiidae	122.73	mean Female SVL	39.0	Teiidae
Ameiva exsul	Teiidae	96.18	mean Female SVL	36.0	Teiidae
Ameiva festiva	Teiidae	89.37	mean Female SVL	37.0	Teiidae
Ameiva fuscata	Teiidae	135.21	midpoint Female SVL	51.0	Teiidae
Ameiva quadrilineata	Teiidae	70.35	mean Female SVL	30.0	Teiidae
Aspidoscelis burti	Teiidae	104.13	mean Female SVL	33.0	Teiidae
Aspidoscelis cozumelae	Teiidae	63.62	mean Female SVL	28.2	Teiidae
Aspidoscelis deppei	Teiidae	68.27	mean Female SVL	30.0	Teiidae
Aspidoscelis dixoni	Teiidae	85.95	mean Female SVL	34	Teiidae
Aspidoscelis exsanguis	Teiidae	82.09	mean Female SVL	31.0	Teiidae
Aspidoscelis gularis	Teiidae	76.15	mean Female SVL	32.5	Teiidae
Aspidoscelis guttatus	Teiidae	94.62	mean Female SVL	35.0	Teiidae
Aspidoscelis hyperythrus	Teiidae	58.98	mean Female SVL	28.5	Teiidae
Aspidoscelis inornata	Teiidae	56.07	mean Female SVL	31	Teiidae
Aspidoscelis laredoensis	Teiidae	69.68	mean Female SVL	32.0	Teiidae
Aspidoscelis lineattissimus	Teiidae	83.25	mean Female SVL	31.0	Teiidae
Aspidoscelis marmoratus	Teiidae	78.50	midpoint Female SVL	35.0	Teiidae
Aspidoscelis neomexicanus	Teiidae	68.77	mean Female SVL	30.5	Teiidae
Aspidoscelis scalaris	Teiidae	80.27	mean Female SVL	32.5	Teiidae
Aspidoscelis sexlineata	Teiidae	68.35	mean Female SVL	28.0	Teiidae
Aspidoscelis sonorae	Teiidae	82.72	mean Female SVL	22.0	Teiidae
Aspidoscelis tesselatus	Teiidae	75.76	mean Female SVL	40.0	Teiidae
Aspidoscelis tigris	Teiidae	83.15	mean Female SVL	30.5	Teiidae
Aspidoscelis uniparens	Teiidae	64.37	mean Female SVL	28.5	Teiidae
Aspidoscelis velox	Teiidae	75.28	mean Female SVL	35	Teiidae
Cnemidophorus cryptus	Teiidae	66.43	mean Female SVL	31.0	Teiidae
Cnemidophorus lacertoides	Teiidae	68.42	mean Female SVL	26.5	Teiidae
Cnemidophorus lemniscatus	Teiidae	60.29	mean Female SVL	26.0	Teiidae
Cnemidophorus ocellifer	Teiidae	65.33	mean Female SVL	27.0	Teiidae
Cnemidophorus vacariensis	Teiidae	55.45	midpoint Female SVL	29.2	Teiidae
Kentropyx calcarata	Teiidae	93.09	mean Female SVL	31.9	Teiidae
Kentropyx pelviceps	Teiidae	104.53	mean Female SVL	35.0	Teiidae
Kentropyx striata	Teiidae	82.85	mean Female SVL	27.0	Teiidae
Teius oculatus	Teiidae	96.22	midpoint Female SVL	35.0	Teiidae
Teius teyou	Teiidae	102.32	mean Female SVL	38.9	Teiidae
Tupinambis teguixin	Teiidae	339.90	mean Female SVL	80.0	Teiidae
Trogonophis wiegmanni	Trogonophiidae	141.15	mean Female SVL	79.5	Amphisbaenia
Leiocephalus psammodromus	Tropiduridae	84.09	midpoint Female SVL	33.1	Tropiduridae
Plica plica	Tropiduridae	127.88	mean Female SVL	44.0	Tropiduridae
Plica umbra	Tropiduridae	86.48	mean Female SVL	36.0	Tropiduridae
Stenocercus chrysopygus	Tropiduridae	65.39	midpoint Female SVL	25.0	Tropiduridae
Stenocercus dumerilii	Tropiduridae	95.62	midpoint species SVL	33.0	Tropiduridae
Tropidurus etheridgei	Tropiduridae	68.45	mean Female SVL	27.0	Tropiduridae
Tropidurus semitaeniatus	Tropiduridae	72.18	mean Female SVL	19.0	Tropiduridae
Tropidurus spinulosus	Tropiduridae	88.05	mean Female SVL	35.0	Tropiduridae
Tropidurus torquatus	Tropiduridae	84.59	mean Female SVL	26.1	Tropiduridae
Uracentron flaviceps	Tropiduridae	92.35	mean Female SVL	36.0	Tropiduridae

Varanus acanthurus	Varanidae	149.96	mean Female SVL	62.9	Varanidae
Varanus albigularis	Varanidae	522.43	mean Female SVL	114.4	Varanidae
Varanus bengalensis	Varanidae	391.76	mean Female SVL	87.0	Varanidae
Varanus caudolineatus	Varanidae	99.02	mean Female SVL	48.0	Varanidae
Varanus cumingi	Varanidae	523.69	midpoint Female SVL	120.0	Varanidae
Varanus flavescens	Varanidae	335.67	mean Female SVL	64.5	Varanidae
Varanus giganteus	Varanidae	572.53	mean Female SVL	150.2	Varanidae
Varanus gouldii	Varanidae	301.24	mean Female SVL	67.0	Varanidae
Varanus griseus	Varanidae	358.49	mean Female SVL	94.0	Varanidae
Varanus komodoensis	Varanidae	1088.71	mean Female SVL	170.0	Varanidae
Varanus mertensi	Varanidae	369.43	mean Female SVL	64.0	Varanidae
Varanus niloticus	Varanidae	504.03	mean Female SVL	105.0	Varanidae
Varanus olivaceus	Varanidae	509.56	mean Female SVL	160.0	Varanidae
Varanus rudicollis	Varanidae	339.66	mean species SVL	100.0	Varanidae
Varanus salvator	Varanidae	504.12	mean Female SVL	120.0	Varanidae
Varanus scalaris	Varanidae	208.12	mean Female SVL	63.0	Varanidae
Varanus spenceri	Varanidae	418.24	mean Female SVL	124.0	Varanidae
Varanus tristis	Varanidae	233.90	mean Female SVL	68.9	Varanidae
Varanus varius	Varanidae	476.53	mean Female SVL	105.0	Varanidae
Xantusia arizonae	Xantusiidae	57.62	midpoint Female SVL	25.0	Xantusiidae
Xantusia henshawi	Xantusiidae	62.85	mean Female SVL	26.5	Xantusiidae
Xantusia riversiana	Xantusiidae	84.68	mean Female SVL	30.0	Xantusiidae
Xantusia vigilis	Xantusiidae	42.33	mean Female SVL	21.5	Xantusiidae
Xenosaurus grandis	Xenosauridae	110.85	mean Female SVL	42.0	Anguimorpha

species	allometric intercept	allometric slope	productivity g / year	specific productivity	female mass (g)	hatchling mass (g)	Insular?
Acanthocercus atricollis	-4.774	3.073	8.87	0.21	41.49	0.78	no
Agama agama	-4.774	3.073	9.79	0.58	16.83	0.64	no
Agama impalearis	-4.774	3.073	12.52	0.44	28.36	0.45	no
Aphaniotis acutirostris	-4.774	3.073	1.78	0.63	2.85	0.26	yes
Calotes mystaceus	-4.774	3.073	2.05	0.08	27.19	0.29	no
Calotes nemoricola	-4.774	3.073	4.53	0.24	19.20	0.34	no
Calotes nigrilabris	-4.774	3.073	1.65	0.15	11.30	0.58	yes
Calotes versicolor	-4.774	3.073	3.42	0.21	16.28	0.15	no
Chlamydosaurus kingii	-4.774	3.073	26.82	0.10	263.25	1.64	no
Ctenophorus fordi	-4.774	3.073	1.18	0.36	3.27	0.26	no
Ctenophorus isolepis	-4.774	3.073	2.88	0.56	5.18	0.42	no
Ctenophorus maculosus	-4.774	3.073	1.85	0.39	4.70	0.33	no
Ctenophorus nuchalis	-4.774	3.073	5.71	0.36	15.90	0.64	no
Ctenophorus ornatus	-4.774	3.073	4.37	0.35	12.37	0.58	no
Draco volans	-4.774	3.073	0.51	0.04	11.55	0.19	yes
Gonocephalus bellii	-4.774	3.073	6.31	0.17	36.12	0.33	no
Gonocephalus bornensis	-4.774	3.073	14.13	0.45	31.56	1.02	yes
Gonocephalus chamaeleontinus	-4.774	3.073	10.67	0.25	43.48	0.58	yes
Gonocephalus grandis	-4.774	3.073	18.10	0.37	48.38	0.82	no
Japalura kumaonensis	-4.774	3.073	2.04	0.39	5.22	0.13	no
Japalura swinhonis	-4.774	3.073	1.60	0.21	7.49	0.17	yes
Laudakia caucasia	-4.774	3.073	9.90	0.28	35.68	0.94	no
Laudakia stellio	-4.774	3.073	10.94	0.39	27.81	0.71	no
Lophognathus longirostris	-4.774	3.073	3.90	0.26	14.84	0.42	no
Moloch horridus	-4.774	3.073	6.17	0.30	20.40	0.86	no
Phrynocephalus guttatus	-4.774	3.073	1.10	0.44	2.48	0.22	no
Phrynocephalus helioscopus	-4.774	3.073	1.33	0.50	2.65	0.12	no
Phrynocephalus mystaceus	-4.774	3.073	2.47	0.27	9.20	0.58	no
Phrynocephalus theobaldi	-4.774	3.073	0.69	0.24	2.84	0.34	no
Phrynocephalus versicolor	-4.774	3.073	0.90	0.31	2.86	0.22	no
Physignathus cocincinus	-4.774	3.073	25.61	0.26	98.84	2.02	no
Physignathus lesueurii	-4.774	3.073	33.27	0.15	214.72	2.63	no
Pogona barbata	-4.774	3.073	23.29	0.20	115.12	0.58	no
Sitana fusca	-4.774	3.073	1.00	0.40	2.48	0.07	no
Sitana ponticeriana	-4.774	3.073	3.17	1.17	2.70	0.10	no
Sitana sivalensis	-4.774	3.073	0.94	0.47	2.00	0.06	no
Trapelus mutabilis	-4.774	3.073	9.02	0.94	9.57	0.58	no
Trapelus ruderatus	-4.774	3.073	5.46	0.56	9.84	0.42	no
Trapelus sanguinolentus	-4.774	3.073	12.24	0.81	15.20	0.52	no
Uromastyx acanthinura	-4.774	3.073	44.56	0.17	259.08	2.80	no
Uromastyx aegyptia	-4.774	3.073	44.70	0.05	851.73	4.65	no
Uromastyx ornata	-4.774	3.073	28.40	0.31	90.75	3.35	no
Amphisbaena kingii	-8.647	4.007	0.36	0.09	3.86	0.12	no
Anguis fragilis	-4.207	2.3	1.69	0.18	9.31	0.27	no
Barisia herrerae	-1.935	1.575	17.75	0.91	19.58	3.00	no
Barisia imbricata	-1.935	1.575	17.11	0.88	19.47	2.35	no
Elgaria coerulea	-1.935	1.575	13.00	0.86	15.20	2.52	no
Elgaria multicarinata	-1.935	1.575	45.63	2.05	22.23	2.46	no
Gerrhonotus infernalis	-1.935	1.575	51.51	1.43	36.00	2.86	no
Mesaspis gadovii	-1.935	1.575	16.61	1.30	12.73	2.29	no
Mesaspis juarezi	-1.935	1.575	5.54	0.58	9.59	1.85	no
Mesaspis monticola	-1.935	1.575	3.47	0.33	10.57	1.62	no
Ophiodes striatus	-4.207	2.472	1.83	0.06	28.23	0.35	no
Ophisaurus attenuatus	-4.207	2.3	6.30	0.34	18.65	0.65	no
Ophisaurus compressus	-4.207	2.3	2.55	0.32	7.96	0.30	no

Ophisaurus gracilis	-4.207	2.3	1.98	0.18	11.18	0.37	no
Ophisaurus ventralis	-4.207	2.3	3.82	0.25	15.23	0.41	no
Pseudopus apodus	-4.207	2.472	33.65	0.21	160.09	4.21	no
Anniella pulchra	-4.207	2.3	0.45	0.11	3.98	0.39	no
Bipes biporus	-5.858	2.943	0.81	0.14	5.74	0.78	no
Bipes canaliculatus	-5.858	2.943	1.21	0.14	8.65	0.86	no
Bipes tridactylus	-5.858	2.943	0.52	0.24	2.21	0.24	no
Blanus mettetali	-5.858	2.943	0.34	0.11	3.25	0.68	no
Bradypodion pumilum	-3.997	2.68	12.36	1.03	11.98	0.35	no
Bradypodion ventrale	-3.997	2.68	6.31	0.39	16.13	0.48	no
Chamaeleo calyptratus	-3.997	2.68	44.00	0.40	110.43	0.56	no
Chamaeleo chamaeleon	-3.997	2.68	17.77	0.48	36.68	0.59	no
Chamaeleo dilepis	-3.997	2.68	39.04	1.24	31.42	1.04	no
Chamaeleo namaquensis	-3.997	2.68	24.14	0.62	39.23	0.75	no
Furcifer labordi	-3.997	2.68	3.03	0.31	9.86	0.31	yes
Rhampholeon marshalli	-3.997	2.68	4.14	0.45	9.21	0.31	no
Trioceros ellioti	-3.997	2.68	11.23	0.61	18.36	0.62	no
Trioceros hoehnelii	-3.997	2.68	11.61	0.87	13.32	0.50	no
Trioceros jacksonii	-3.997	2.68	17.24	0.62	27.63	0.56	no
Trioceros quadricornis	-3.997	2.68	66.31	2.34	28.33	2.26	no
Cordylus capensis	-5.747	3.589	3.00	0.12	24.60	1.50	no
Cordylus giganteus	-5.747	3.589	12.83	0.05	274.46	9.50	no
Cordylus melanotus	-5.747	3.589	3.79	0.12	30.43	1.10	no
Basiliscus basiliscus	-5.033	3.243	80.90	0.59	137.69	1.40	no
Basiliscus vittatus	-5.033	3.243	9.95	0.19	51.74	0.86	no
Crotaphytus collaris	-5.033	3.243	8.24	0.38	21.95	0.86	no
Crotaphytus grismeri	-5.033	3.243	12.72	0.79	16.08	3.00	no
Crotaphytus reticulatus	-5.033	3.243	16.82	0.37	45.79	0.86	no
Gambelia sila	-5.033	3.243	15.70	0.57	27.71	2.54	no
Gambelia wislizenii	-5.033	3.243	5.76	0.14	40.38	1.23	no
Aeluroscalabotes felinus	-4.495	2.9	6.98	0.29	24.26	1.75	yes
Alsophylax laevis	-4.495	2.9	0.38	0.46	0.82	0.13	no
Alsophylax loricatus	-4.495	2.9	0.16	0.32	0.52	0.08	no
Alsophylax pipiens	-4.495	2.9	0.24	0.27	0.88	0.12	no
Alsophylax szczerbaki	-4.495	2.9	0.20	0.40	0.49	0.10	no
Aristelliger georgeensis	-4.495	2.9	0.42	0.02	17.65	0.42	no
Aristelliger praesignis	-4.495	2.9	0.91	0.12	7.71	0.45	yes
Chondrodactylus angulifer	-4.495	2.9	6.23	0.58	10.72	1.22	no
Christinus marmoratus	-4.495	2.9	0.40	0.13	3.11	0.16	no
Cnemaspis kandiana	-4.495	2.9	1.02	1.18	0.86	0.06	yes
Coleonyx brevis	-4.495	2.9	1.39	0.41	3.38	0.28	no
Coleonyx elegans	-4.495	2.9	5.46	0.40	13.59	1.22	no
Coleonyx reticulatus	-4.495	2.9	5.66	0.40	14.27	1.42	no
Coleonyx variegatus	-4.495	2.9	1.22	0.26	4.77	0.25	no
Crenadactylus ocellatus	-4.495	2.9	0.33	0.44	0.76	0.08	no
Crossobamon eversmanni	-4.495	2.9	0.76	0.34	2.23	0.22	no
Cyrtodactylus peguensis	-4.495	2.9	3.49	0.43	8.05	0.50	no
Cyrtopodion caspium	-4.495	2.9	0.54	0.14	3.81	0.19	no
Cyrtopodion fedtschenkoi	-4.495	2.9	0.89	0.20	4.54	0.25	no
Diplodactylus tessellatus	-4.495	2.9	1.45	0.41	3.51	0.36	no
Eublepharis macularius	-4.495	2.9	15.84	0.45	34.96	1.87	no
Eublepharis turcmenicus	-4.495	2.9	25.90	0.61	42.77	7.48	no
Geckonia chazaliae	-4.495	2.9	1.20	0.23	5.24	0.19	no
Gehyra variegata	-4.495	2.9	0.44	0.16	2.73	0.22	no
Gekko gecko	-4.495	2.9	8.71	0.19	45.06	2.18	no
Gekko hokouensis	-4.495	2.9	1.91	0.24	7.94	0.68	no
Gonatodes albogularis	-4.495	2.9	2.43	1.59	1.53	0.14	no
Goniurosaurus araneus	-4.495	2.9	10.56	0.38	27.68	1.87	no
Gymnodactylus geckoides	-4.495	2.9	0.55	0.30	1.82	0.19	no

Hemidactylus bowringii	-4.495	2.9	0.39	0.17	2.37	0.15	no
Hemidactylus brookii	-4.495	2.9	1.18	0.42	2.81	0.30	no
Hemidactylus flaviviridis	-4.495	2.9	1.25	0.23	5.57	0.36	no
Hemidactylus frenatus	-4.495	2.9	4.21	1.28	3.29	0.15	no
Hemidactylus mabouia	-4.495	2.9	1.41	0.37	3.81	0.20	no
Hemidactylus maculatus	-4.495	2.9	2.70	0.12	23.25	0.68	no
Hemidactylus turcicus	-4.495	2.9	1.58	0.70	2.26	0.25	no
Heteronotia binoei	-4.495	2.9	0.48	0.19	2.56	0.14	no
Homonota darwinii	-4.495	2.9	0.16	0.12	1.32	0.23	no
Homonota fasciata	-4.495	2.9	1.07	0.40	2.65	0.44	no
Hoplodactylus maculatus	-4.495	2.9	0.26	0.05	5.56	0.28	yes
Lepidodactylus lugubris	-4.495	2.9	0.40	0.27	1.52	0.07	no
Lucasium damaeum	-4.495	2.9	1.00	0.30	3.35	0.25	no
Lygodactylus klugei	-4.495	2.9	0.19	0.32	0.59	0.07	no
Mediodactylus kotschyi	-4.495	2.9	0.56	0.36	1.55	0.12	no
Mediodactylus russowii	-4.495	2.9	0.22	0.13	1.69	0.11	no
Naultinus gemmeus	-4.495	2.9	1.56	0.24	6.63	0.81	yes
Naultinus manukanus	-4.495	2.9	1.71	0.20	8.43	0.90	yes
Oedura castelnaui	-4.495	2.9	2.44	0.13	19.19	1.22	no
Oedura lesueurii	-4.495	2.9	1.42	0.25	5.72	0.50	no
Oedura monilis	-4.495	2.9	1.74	0.16	10.93	0.61	no
Oedura reticulata	-4.495	2.9	0.83	0.14	5.82	0.41	no
Oedura tryoni	-4.495	2.9	3.84	0.35	11.01	0.96	no
Phelsuma dubia	-4.495	2.9	4.15	1.24	3.35	0.22	no
Phyllodactylus lanei	-4.495	2.9	1.50	0.26	5.73	0.25	no
Phyllopezus pollicaris	-4.495	2.9	1.58	0.17	9.31	0.56	no
Phyllurus platurus	-4.495	2.9	1.79	0.13	13.76	0.63	no
Pristurus rupestris	-4.495	2.9	0.14	0.28	0.51	0.10	no
Ptenopus garrulus	-4.495	2.9	0.40	0.19	2.17	0.28	no
Ptyodactylus guttatus	-4.495	2.9	2.90	0.43	6.75	0.36	no
Ptyodactylus oudrii	-4.495	2.9	4.27	1.55	2.76	0.50	no
Ptyodactylus ragazzii	-4.495	2.9	4.27	0.36	11.86	0.50	no
Quedenfeldtia trachyblepharus	-4.495	2.9	0.15	0.10	1.45	0.06	no
Rhacodactylus auriculatus	-4.495	2.9	12.66	0.36	35.58	1.42	yes
Saltuarius cornutus	-4.495	2.9	5.61	0.08	70.46	2.80	no
Sphaerodactylus cinereus	-4.495	2.9	0.60	0.81	0.74	0.10	yes
Sphaerodactylus elegans	-4.495	2.9	0.88	1.73	0.51	0.10	yes
Sphaerodactylus pimienta	-4.495	2.9	0.52	0.64	0.81	0.14	yes
Sphaerodactylus roosevelti	-4.495	2.9	0.88	0.91	0.97	0.18	yes
Sphaerodactylus savagei	-4.495	2.9	0.47	0.61	0.77	0.07	yes
Stenodactylus doriae	-4.495	2.9	5.57	0.99	5.61	0.56	no
Strophurus ciliaris	-4.495	2.9	6.05	0.72	8.38	0.54	no
Strophurus elderi	-4.495	2.9	0.28	0.15	1.85	0.07	no
Strophurus intermedius	-4.495	2.9	1.77	0.28	6.37	0.44	no
Tarentola angustimentalis	-4.495	2.9	1.37	0.26	5.29	0.19	yes
Tarentola annularis	-4.495	2.9	4.58	0.22	20.61	0.81	no
Tarentola boettgeri	-4.495	2.9	2.29	0.50	4.57	0.36	yes
Tarentola deserti	-4.495	2.9	11.95	1.04	11.49	1.22	no
Tarentola mauritanica	-4.495	2.9	2.08	0.36	5.78	0.19	no
Teratoscincus scincus	-4.495	2.9	3.32	0.33	10.07	1.17	no
Gerrhosaurus skoogi	-4.783	3.085	10.08	0.13	78.38	5.04	no
Cercosaura schreibersii	-5.178	3.302	0.10	0.09	1.15	0.04	no
Gymnophthalmus speciosus	-5.178	3.302	0.29	0.19	1.49	0.06	no
Leposoma rugiceps	-5.178	3.302	0.19	0.14	1.32	0.06	no
Potamites ecpleopus	-5.178	3.302	0.62	0.13	4.77	0.15	no
Heloderma horridum	-5.058	3.145	210.17	0.21	1021.21	26.48	no
Heloderma suspectum	-5.058	3.145	242.33	0.44	555.52	45.39	no
Amblyrhynchus cristatus	-4.298	2.972	94.15	0.06	1454.86	59.55	yes
Brachylophus fasciatus	-4.298	2.972	99.50	0.56	178.35	18.09	yes

Conolophus pallidus	-4.298	2.972	442.59	0.27	1644.10	44.26	yes
Conolophus subcristatus	-4.298	2.972	579.91	0.24	2456.61	42.96	yes
Ctenosaura pectinata	-4.298	2.972	360.99	0.37	974.60	8.15	no
Ctenosaura similis	-4.298	2.972	195.85	0.16	1261.51	6.34	no
Cyclura carinata	-4.298	2.972	97.32	0.18	541.87	22.63	yes
Cyclura cornuta	-4.298	2.972	641.63	0.14	4556.23	47.35	yes
Cyclura cychlura	-4.298	2.972	204.43	0.07	3129.26	30.78	yes
Cyclura nubila	-4.298	2.972	308.67	0.19	1597.82	47.63	yes
Cyclura pinguis	-4.298	2.972	500.08	0.12	4204.78	41.05	yes
Dipsosaurus dorsalis	-4.298	2.972	23.94	0.35	69.16	3.86	no
Iguana iguana	-4.298	2.972	545.12	0.38	1433.54	20.75	no
Sauromalus ater	-4.298	2.972	41.12	0.22	187.71	6.52	yes
Sauromalus hispidus	-4.298	2.972	337.33	0.38	886.40	15.33	yes
Sauromalus obesus	-4.298	2.972	33.13	0.14	230.39	7.09	no
Sauromalus varius	-4.298	2.972	440.45	0.42	1044.70	18.82	no
Acanthodactylus erythrurus	-4.543	2.951	3.29	0.39	8.49	0.59	no
Acanthodactylus pardalis	-4.543	2.951	3.20	0.57	5.58	0.53	no
Acanthodactylus scutellatus	-4.543	2.951	2.53	0.69	3.65	0.38	no
Acanthodactylus spinicauda	-4.543	2.951	6.94	2.02	3.44	0.87	no
Algyroides marchi	-4.543	2.951	0.84	0.39	2.17	0.20	no
Algyroides moreoticus	-4.543	2.951	2.44	1.09	2.23	0.20	no
Algyroides nigropunctatus	-4.543	2.951	0.97	0.26	3.79	0.20	no
Atlantolacerta andreanskyi	-4.543	2.951	1.60	0.53	3.01	0.27	no
Dalmatolacerta oxycephala	-4.543	2.951	1.35	0.31	4.32	0.20	no
Darevskia chlorogaster	-4.543	2.951	1.95	0.38	5.11	0.36	no
Darevskia derjugini	-4.543	2.951	1.18	0.27	4.44	0.17	no
Darevskia parvula	-4.543	2.951	0.65	0.20	3.23	0.23	no
Darevskia portschinskii	-4.543	2.951	1.21	0.35	3.48	0.38	no
Darevskia praticola	-4.543	2.951	2.12	0.52	4.04	0.26	no
Darevskia raddei	-4.543	2.951	1.36	0.29	4.71	0.34	no
Darevskia rostombekovi	-4.543	2.951	0.79	0.24	3.34	0.28	no
Darevskia rudis	-4.543	2.951	1.53	0.19	7.93	0.38	no
Darevskia saxicola	-4.543	2.951	2.15	0.46	4.65	0.27	no
Darevskia unisexualis	-4.543	2.951	2.70	0.54	5.00	0.38	no
Darevskia valentini	-4.543	2.951	1.96	0.25	7.80	0.40	no
Dinarolacerta mosorensis	-4.543	2.951	1.89	0.29	6.41	0.40	no
Eremias arguta	-4.543	2.951	1.87	0.20	9.16	0.38	no
Eremias grammica	-4.543	2.951	1.40	0.28	5.03	0.41	no
Eremias intermedia	-4.543	2.951	1.92	0.55	3.49	0.48	no
Eremias lineolata	-4.543	2.951	0.66	0.36	1.84	0.38	no
Eremias nigrocellata	-4.543	2.951	6.44	0.89	7.24	0.48	no
Eremias nikolskii	-4.543	2.951	1.21	0.18	6.70	0.38	no
Eremias persica	-4.543	2.951	3.17	0.20	15.59	0.79	no
Eremias pleskei	-4.543	2.951	2.07	0.52	3.96	0.30	no
Eremias regeli	-4.543	2.951	1.72	0.32	5.42	0.43	no
Eremias strauchi	-4.543	2.951	3.46	0.51	6.73	0.53	no
Eremias velox	-4.543	2.951	4.20	0.50	8.40	0.43	no
Gallotia atlantica	-4.543	2.951	1.61	0.27	5.93	0.31	yes
Gallotia bravoana	-4.543	2.951	4.29	0.11	39.18	0.88	yes
Gallotia caesaris	-4.543	2.951	3.80	0.40	9.59	0.62	yes
Gallotia galloti	-4.543	2.951	3.30	0.20	16.48	0.65	yes
Gallotia simonyi	-4.543	2.951	28.75	0.30	96.89	2.03	yes
Gallotia stehlini	-4.543	2.951	14.99	0.10	149.30	1.53	yes
Heliobolus lugubris	-4.543	2.951	0.74	0.16	4.65	0.14	no
Hellenolacerta graeca	-4.543	2.951	1.95	0.30	6.45	0.56	no
Iberolacerta aranica	-4.543	2.951	0.78	0.17	4.56	0.27	no
Iberolacerta aurelioi	-4.543	2.951	1.13	0.27	4.11	0.45	no
Iberolacerta bonnali	-4.543	2.951	0.60	0.14	4.29	0.20	no
Iberolacerta cyreni	-4.543	2.951	1.55	0.15	10.16	0.26	no

Iberolacerta horvathi	-4.543	2.951	1.25	0.24	5.18	0.34	no
Iberolacerta monticola	-4.543	2.951	2.83	0.40	7.13	0.26	no
Ichnotropis squamulosa	-4.543	2.951	3.35	0.80	4.20	0.59	no
Lacerta agilis	-4.543	2.951	2.08	0.18	11.44	0.20	no
Lacerta schreiberi	-4.543	2.951	9.07	0.30	30.48	0.38	no
Lacerta strigata	-4.543	2.951	7.63	0.38	19.93	0.65	no
Lacerta trilineata	-4.543	2.951	12.71	0.36	35.12	0.95	no
Lacerta viridis	-4.543	2.951	5.08	0.20	25.95	0.48	no
Meroles anchietae	-4.543	2.951	1.12	0.53	2.11	0.43	no
Meroles cuneirostris	-4.543	2.951	1.76	0.61	2.90	0.43	no
Meroles suborbitalis	-4.543	2.951	2.63	0.65	4.04	0.45	no
Mesalina guttulata	-4.543	2.951	2.01	0.85	2.37	0.23	no
Mesalina olivieri	-4.543	2.951	0.97	0.57	1.69	0.20	no
Mesalina pasteuri	-4.543	2.951	1.37	0.66	2.09	0.23	no
Mesalina rubropunctata	-4.543	2.951	4.29	1.51	2.83	0.34	no
Nucras lalandii	-4.543	2.951	1.38	0.09	16.26	0.20	no
Nucras taeniolata	-4.543	2.951	3.75	0.49	7.73	0.79	no
Nucras tessellata	-4.543	2.951	3.09	0.37	8.32	0.79	no
Ophisops elegans	-4.543	2.951	2.14	0.80	2.66	0.19	no
Parvilacerta parva	-4.543	2.951	1.31	0.35	3.76	0.34	no
Pedioplanis burchelli	-4.543	2.951	1.91	0.49	3.89	0.30	no
Pedioplanis namaquensis	-4.543	2.951	1.24	0.42	2.97	0.23	no
Phoenicolacerta laevis	-4.543	2.951	5.66	0.96	5.90	0.38	no
Phoenicolacerta troodica	-4.543	2.951	3.97	0.97	4.09	0.41	yes
Podarcis bocagei	-4.543	2.951	1.15	0.32	3.62	0.20	no
Podarcis carbonelli	-4.543	2.951	0.82	0.25	3.28	0.23	no
Podarcis erhardii	-4.543	2.951	2.64	0.46	5.72	0.52	no
Podarcis filfolensis	-4.543	2.951	1.06	0.16	6.61	0.37	yes
Podarcis gaigeae	-4.543	2.951	3.09	0.50	6.21	0.52	yes
Podarcis hispanicus	-4.543	2.951	1.54	0.42	3.69	0.20	no
Podarcis lilfordi	-4.543	2.951	3.52	0.68	5.17	0.57	yes
Podarcis liolepis	-4.543	2.951	1.47	0.30	4.94	0.26	no
Podarcis melisellensis	-4.543	2.951	6.37	1.24	5.14	0.38	no
Podarcis milensis	-4.543	2.951	0.83	0.26	3.20	0.34	yes
Podarcis muralis	-4.543	2.951	3.34	0.62	5.41	0.34	no
Podarcis peloponnesiacus	-4.543	2.951	2.68	0.36	7.53	0.55	no
Podarcis pityusensis	-4.543	2.951	1.30	0.28	4.72	0.52	yes
Podarcis siculus	-4.543	2.951	5.32	0.91	5.87	0.30	no
Podarcis tauricus	-4.543	2.951	3.76	0.64	5.84	0.46	no
Podarcis waglerianus	-4.543	2.951	2.15	0.53	4.02	0.44	yes
Psammodromus algirus	-4.543	2.951	3.94	0.49	8.07	0.38	no
Psammodromus blanci	-4.543	2.951	2.15	1.14	1.88	0.17	no
Psammodromus hispanicus	-4.543	2.951	0.78	0.28	2.79	0.17	no
Scelarcis perspicillata	-4.543	2.951	1.20	0.53	2.26	0.30	no
Takydromus amurensis	-4.543	2.951	2.99	0.34	8.70	0.30	no
Takydromus septentrionalis	-4.543	2.951	2.93	0.53	5.52	0.31	no
Takydromus sexlineatus	-4.543	2.951	0.83	0.19	4.28	0.08	no
Takydromus tachydromoides	-4.543	2.951	4.28	1.31	3.27	0.26	yes
Takydromus wolteri	-4.543	2.951	2.81	0.85	3.29	0.26	no
Teira dugesii	-4.543	2.951	3.34	0.60	5.58	0.55	yes
Timon lepidus	-4.543	2.951	22.00	0.28	79.45	1.17	no
Timon pater	-4.543	2.951	27.37	0.42	65.80	1.77	no
Zootoca vivipara	-4.543	2.951	0.49	0.10	4.77	0.08	no
Liolaemus andinus	-4.216	2.846	4.63	0.23	20.07	0.80	no
Liolaemus bibronii	-4.216	2.846	1.97	0.42	4.69	0.72	no
Liolaemus boulengeri	-4.216	2.846	2.22	0.32	6.85	0.57	no
Liolaemus elongatus	-4.216	2.846	1.18	0.09	12.75	0.46	no
Liolaemus huacahuasicus	-4.216	2.846	3.24	0.40	8.11	0.65	no
Liolaemus koslowskyi	-4.216	2.846	2.24	0.38	5.96	0.40	no

Liolaemus lineomaculatus	-4.216	2.846	1.92	0.33	5.90	0.58	no
Liolaemus lutzae	-4.216	2.846	2.92	0.35	8.38	1.07	no
Liolaemus pictus	-4.216	2.846	2.01	0.27	7.41	1.17	no
Liolaemus scolaroi	-4.216	2.846	2.37	0.56	4.21	0.79	no
Liolaemus signifer	-4.216	2.846	4.63	0.75	6.22	0.80	no
Liolaemus wiegmannii	-4.216	2.846	1.74	0.43	4.06	0.31	no
Phymaturus patagonicus	-4.216	2.846	1.28	0.04	28.81	1.28	no
Phymaturus punae	-4.216	2.846	2.81	0.12	24.00	3.97	no
Phymaturus zapalensis	-4.216	2.846	1.80	0.08	22.29	3.59	no
Callisaurus draconoides	-3.855	2.677	11.01	0.77	14.31	1.15	no
Cophosaurus texanus	-3.855	2.677	8.17	1.15	7.09	0.65	no
Holbrookia lacerata	-3.855	2.677	5.88	0.76	7.74	0.42	no
Holbrookia maculata	-3.855	2.677	2.51	0.39	6.47	0.27	no
Holbrookia propinqua	-3.855	2.677	9.71	1.72	5.65	0.86	no
Phrynosoma blainvillii	-3.855	2.677	12.57	0.54	23.44	1.15	no
Phrynosoma cornutum	-3.855	2.677	13.05	0.81	16.17	0.37	no
Phrynosoma coronatum	-3.855	2.677	22.84	1.17	19.53	1.37	no
Phrynosoma ditmarsi	-3.855	2.677	4.59	0.34	13.40	0.69	no
Phrynosoma douglassii	-3.855	2.677	7.41	0.54	13.69	0.62	no
Phrynosoma hernandesi	-3.855	2.677	15.33	0.53	28.89	0.86	no
Phrynosoma mcallii	-3.855	2.677	9.60	0.78	12.24	1.26	no
Phrynosoma modestum	-3.855	2.677	5.66	0.73	7.79	0.37	no
Phrynosoma platyrhinos	-3.855	2.677	7.76	0.43	18.16	0.77	no
Phrynosoma solare	-3.855	2.677	19.33	0.76	25.30	1.04	no
Sceloporus aeneus	-3.855	2.677	2.32	0.54	4.30	0.21	no
Sceloporus arenicolus	-3.855	2.677	3.45	0.54	6.36	0.57	no
Sceloporus clarkii	-3.855	2.677	23.26	0.86	26.90	1.31	no
Sceloporus consobrinus	-3.855	2.677	8.09	0.78	10.33	0.55	no
Sceloporus cozumelae	-3.855	2.677	1.57	0.39	4.04	0.62	no
Sceloporus cyanogenys	-3.855	2.677	13.58	0.35	39.00	1.04	no
Sceloporus formosus	-3.855	2.677	7.69	0.61	12.62	1.11	no
Sceloporus gadoviae	-3.855	2.677	3.66	0.61	6.03	0.69	no
Sceloporus graciosus	-3.855	2.677	3.39	0.50	6.80	0.62	no
Sceloporus grammicus	-3.855	2.677	1.45	0.28	5.18	0.32	no
Sceloporus horridus	-3.855	2.677	14.24	0.73	19.46	0.62	no
Sceloporus jarrovii	-3.855	2.677	5.00	0.34	14.57	0.77	no
Sceloporus magister	-3.855	2.677	28.84	1.08	26.82	1.90	no
Sceloporus malachiticus	-3.855	2.677	5.96	0.46	12.95	1.15	no
Sceloporus merriami	-3.855	2.677	3.16	0.69	4.61	0.55	no
Sceloporus mucronatus	-3.855	2.677	3.35	0.17	19.47	0.77	no
Sceloporus occidentalis	-3.855	2.677	15.49	1.08	14.29	0.95	no
Sceloporus olivaceus	-3.855	2.677	15.63	0.61	25.73	0.55	no
Sceloporus omiltemanus	-3.855	2.677	6.89	0.35	19.63	1.11	no
Sceloporus orcutti	-3.855	2.677	16.32	0.64	25.63	1.62	no
Sceloporus poinsettii	-3.855	2.677	15.22	0.49	30.94	1.49	no
Sceloporus scalaris	-3.855	2.677	5.13	0.88	5.80	0.42	no
Sceloporus serrifer	-3.855	2.677	18.25	0.57	32.18	1.21	no
Sceloporus slevini	-3.855	2.677	3.61	0.53	6.87	0.42	no
Sceloporus torquatus	-3.855	2.677	9.04	0.35	26.17	1.15	no
Sceloporus undulatus	-3.855	2.677	9.46	0.99	9.51	0.55	no
Sceloporus utiformis	-3.855	2.677	5.48	0.60	9.18	0.77	no
Sceloporus variabilis	-3.855	2.677	10.83	1.67	6.48	0.59	no
Sceloporus virgatus	-3.855	2.677	5.07	0.76	6.70	0.52	no
Sceloporus woodi	-3.855	2.677	5.64	0.84	6.68	0.48	no
Uma exsul	-3.855	2.677	6.34	0.57	11.19	1.49	no
Uma notata	-3.855	2.677	10.42	0.58	18.08	2.28	no
Urosaurus bicarinatus	-3.855	2.677	2.92	0.76	3.83	0.32	no
Urosaurus graciosus	-3.855	2.677	4.39	0.82	5.38	0.69	no
Urosaurus ornatus	-3.855	2.677	4.39	1.04	4.23	0.27	no

Uta stansburiana	-3.855	2.677	3.12	0.74	4.20	0.32	no
Anolis acutus	-4.583	2.94	1.13	0.64	1.76	0.19	yes
Anolis argenteolus	-4.583	2.94	1.12	0.51	2.19	0.18	yes
Anolis bahorucoensis	-4.583	2.94	0.76	0.40	1.89	0.14	yes
Anolis carolinensis	-4.583	2.94	1.66	0.63	2.61	0.17	no
Anolis cupreus	-4.583	2.94	2.31	1.56	1.48	0.13	no
Anolis intermedius	-4.583	2.94	1.41	0.71	2.00	0.13	no
Anolis limifrons	-4.583	2.94	0.35	0.22	1.57	0.04	no
Anolis lineatopus	-4.583	2.94	3.68	2.83	1.30	0.20	yes
Anolis lionotus	-4.583	2.94	0.53	0.09	6.07	0.26	no
Anolis lucius	-4.583	2.94	1.18	0.41	2.89	0.34	yes
Anolis nebulosus	-4.583	2.94	3.27	2.55	1.28	0.13	no
Anolis opalinus	-4.583	2.94	4.39	3.39	1.30	0.16	yes
Anolis polylepis	-4.583	2.94	4.13	2.04	2.02	0.15	no
Anolis roquet	-4.583	2.94	5.75	1.84	3.13	0.23	no
Anolis sabanus	-4.583	2.94	4.56	1.80	2.53	0.26	yes
Anolis sagrei	-4.583	2.94	1.73	0.77	2.24	0.09	no
Anolis tropidolepis	-4.583	2.94	1.48	0.53	2.80	0.17	no
Anolis valencienni	-4.583	2.94	2.63	0.57	4.63	0.26	yes
Polychrus acutirostris	-4.583	2.94	11.97	0.33	36.30	0.83	no
Aprasia pulchella	-2.039	1.371	3.48	0.59	5.86	1.74	no
Aprasia repens	-2.039	1.371	3.17	0.55	5.78	1.59	no
Lialis burtonis	-2.039	1.371	5.37	0.41	13.11	2.91	no
Ablepharus kitaibelii	-5.125	3.229	0.41	0.23	1.78	0.12	no
Acontias kgalagadi	-4.207	2.3	0.70	0.15	4.80	0.68	no
Afroablepharus wahlbergi	-5.125	3.229	0.42	0.28	1.51	0.05	no
Asymblepharus sikimmensis	-5.125	3.229	0.40	0.37	1.08	0.10	no
Bassiana duperreyi	-5.125	3.229	1.06	0.18	5.83	0.20	no
Carlia longipes	-5.125	3.229	0.56	0.14	4.00	0.14	no
Carlia rhomboidalis	-5.125	3.229	0.49	0.22	2.28	0.10	no
Carlia rostralis	-5.125	3.229	2.74	0.67	4.11	0.40	no
Carlia rubrigularis	-5.125	3.229	0.32	0.11	2.87	0.16	no
Carlia tetradactyla	-5.125	3.229	0.98	0.36	2.76	0.24	no
Chalcides bedriagai	-5.125	3.229	0.63	0.07	9.08	0.26	no
Chalcides chalcides	-4.207	2.472	3.97	0.40	9.91	0.57	no
Chalcides ocellatus	-5.125	3.229	9.99	0.19	53.20	1.12	no
Chalcides sepsoides	-4.207	2.472	2.38	0.44	5.38	0.53	no
Chalcides viridanus	-5.125	3.229	1.42	0.05	27.82	0.54	yes
Ctenotus brooksi	-5.125	3.229	1.01	0.56	1.80	0.21	no
Ctenotus pantherinus	-5.125	3.229	6.44	0.60	10.75	0.66	no
Ctenotus taeniolatus	-5.125	3.229	1.30	0.19	6.91	0.31	no
Cyclodomorphus celatus	-5.125	3.229	3.60	0.16	22.88	0.95	no
Cyclodomorphus melanops	-5.125	3.229	2.85	0.15	19.43	1.16	no
Dasia olivacea	-5.125	3.229	4.61	0.12	39.05	0.54	no
Egernia cunninghami	-5.125	3.229	20.72	0.07	285.28	4.97	no
Egernia kingii	-5.125	3.229	33.34	0.13	264.97	6.80	no
Egernia stokesii	-5.125	3.229	42.36	0.28	149.52	8.69	no
Egernia striolata	-5.125	3.229	7.08	0.25	28.08	1.88	no
Emoia atrocostata	-5.125	3.229	3.51	0.28	12.32	0.60	no
Emoia cyanura	-5.125	3.229	0.60	0.31	1.90	0.15	yes
Emoia nigra	-5.125	3.229	3.94	0.16	24.46	0.76	yes
Eremiascincus richardsonii	-5.125	3.229	5.16	0.38	13.46	0.54	no
Eulamprus brachyosoma	-5.125	3.229	2.25	0.31	7.24	0.58	no
Eulamprus quoyii	-5.125	3.229	5.15	0.21	24.71	1.00	no
Eulamprus tympanum	-5.125	3.229	1.12	0.07	15.90	0.49	no
Eumeces schneideri	-5.125	3.229	23.45	0.32	73.21	3.71	no
Eutropis carinata	-5.125	3.229	3.95	0.25	15.59	0.44	no
Eutropis longicaudata	-5.125	3.229	15.83	0.55	28.68	1.63	no
Eutropis multifasciata	-5.125	3.229	9.43	0.45	21.00	0.95	no

Hemiergis peronii	-4.207	2.472	0.42	0.24	1.72	0.16	no
Lamprolepis smaragdina	-5.125	3.229	1.03	0.07	15.61	0.49	yes
Lampropholis delicata	-5.125	3.229	0.12	0.10	1.16	0.04	no
Lampropholis guichenoti	-5.125	3.229	0.26	0.22	1.20	0.07	no
Lerista borealis	-4.207	2.472	0.83	0.55	1.52	0.28	no
Lerista bougainvillii	-5.125	3.229	0.68	0.18	3.85	0.25	no
Lerista punctatovittata	-4.207	2.472	1.67	0.34	4.94	0.53	no
Lerista xanthura	-4.207	2.472	0.33	0.34	0.97	0.18	no
Liopholis inornata	-5.125	3.229	2.66	0.35	7.71	0.54	no
Liopholis kintorei	-5.125	3.229	51.02	0.28	180.83	8.50	no
Liopholis modesta	-5.125	3.229	2.87	0.12	23.49	1.06	no
Liopholis striata	-5.125	3.229	3.21	0.23	14.24	1.21	no
Liopholis whitii	-5.125	3.229	3.17	0.21	14.97	1.12	no
Lissolepis coventryi	-5.125	3.229	2.28	0.10	23.49	0.83	no
Lobulia alpina	-5.125	3.229	0.72	0.14	5.31	0.28	yes
Mabuya agilis	-5.125	3.229	2.34	0.37	6.33	0.54	no
Mabuya bistriata	-5.125	3.229	3.67	0.21	17.69	0.78	no
Mabuya frenata	-5.125	3.229	1.26	0.15	8.20	0.28	no
Mabuya heathi	-5.125	3.229	3.48	0.42	8.27	0.49	no
Mabuya mabouya	-5.125	3.229	2.94	0.24	12.05	0.69	no
Mabuya nigropunctata	-5.125	3.229	4.45	0.32	14.07	0.95	no
Mabuya unimarginata	-5.125	3.229	2.98	0.41	7.32	0.54	no
Menetia greyii	-5.125	3.229	0.05	0.09	0.54	0.02	no
Morethia boulengeri	-5.125	3.229	0.43	0.22	1.99	0.08	no
Morethia obscura	-5.125	3.229	0.52	0.23	2.22	0.08	no
Nannoscincus maccoyi	-5.125	3.229	0.47	0.18	2.54	0.16	no
Niveoscincus coventryi	-5.125	3.229	0.22	0.15	1.44	0.08	no
Niveoscincus greeni	-5.125	3.229	0.64	0.12	5.55	0.49	yes
Niveoscincus metallicus	-5.125	3.229	0.53	0.19	2.87	0.14	no
Niveoscincus microlepidotus	-5.125	3.229	0.14	0.03	4.14	0.10	yes
Niveoscincus ocellatus	-5.125	3.229	1.23	0.18	6.73	0.40	yes
Oligosoma maccanni	-5.125	3.229	0.86	0.18	4.68	0.28	yes
Oligosoma oliveri	-5.125	3.229	3.81	0.33	11.59	1.15	yes
Oligosoma otagense	-5.125	3.229	2.16	0.06	35.28	0.95	yes
Oligosoma whitakeri	-5.125	3.229	2.01	0.13	15.51	2.01	yes
Panaspis nimbaensis	-5.125	3.229	0.95	0.55	1.73	0.08	no
Plestiodon anthracinus	-5.125	3.229	0.71	0.16	4.34	0.12	no
Plestiodon copei	-5.125	3.229	0.83	0.13	6.29	0.24	no
Plestiodon egregius	-4.207	2.472	0.64	0.83	0.77	0.13	no
Plestiodon fasciatus	-5.125	3.229	1.04	0.16	6.50	0.14	no
Plestiodon inexpectatus	-5.125	3.229	0.97	0.14	7.04	0.16	no
Plestiodon laticeps	-5.125	3.229	4.30	0.20	22.04	0.31	no
Plestiodon lynxe	-5.125	3.229	0.93	0.20	4.54	0.21	no
Plestiodon multivirgatus	-5.125	3.229	1.87	0.34	5.49	0.12	no
Plestiodon obsoletus	-5.125	3.229	8.24	0.22	37.53	0.91	no
Plestiodon okadae	-5.125	3.229	1.63	0.14	11.47	0.30	yes
Plestiodon reynoldsi	-5.125	3.229	0.30	0.09	3.35	0.21	no
Plestiodon septentrionalis	-5.125	3.229	1.60	0.20	7.94	0.16	no
Plestiodon skiltonianus	-5.125	3.229	1.18	0.22	5.28	0.24	no
Plestiodon tetragrammus	-5.125	3.229	0.83	0.17	4.95	0.12	no
Scincella lateralis	-5.125	3.229	0.95	0.55	1.73	0.10	no
Scincus mitranus	-5.125	3.229	3.89	0.17	22.55	0.79	no
Scincus scincus	-5.125	3.229	8.48	0.39	21.61	2.45	no
Sphenomorphus fasciatus	-5.125	3.229	1.40	0.07	20.14	0.27	yes
Sphenomorphus indicus	-5.125	3.229	2.15	0.20	10.58	0.30	no
Sphenomorphus maculatus	-5.125	3.229	1.58	0.45	3.52	0.35	no
Sphenomorphus taiwanensis	-5.125	3.229	1.25	0.43	2.92	0.24	yes
Tiliqua nigrolutea	-5.125	3.229	62.30	0.09	674.95	32.87	no
Tiliqua occipitalis	-5.125	3.229	49.33	0.09	568.84	12.74	no

Tiliqua rugosa	-5.125	3.229	82.26	0.17	489.23	43.12	no
Tiliqua scincoides	-5.125	3.229	58.33	0.07	828.46	8.25	no
Trachylepis affinis	-5.125	3.229	4.19	0.80	5.24	0.21	no
Trachylepis aurata	-5.125	3.229	1.76	0.20	8.80	0.44	no
Trachylepis buettneri	-5.125	3.229	1.99	0.28	7.20	0.16	no
Trachylepis maculilabris	-5.125	3.229	5.87	0.74	7.97	0.21	no
Trachylepis quinquetaeniata	-5.125	3.229	5.11	0.46	11.21	0.53	no
Trachylepis sparsa	-5.125	3.229	1.82	0.17	10.53	0.35	no
Trachylepis spilogaster	-5.125	3.229	0.90	0.10	8.67	0.26	no
Trachylepis striata	-5.125	3.229	4.04	0.47	8.58	0.28	no
Trachylepis vittata	-5.125	3.229	0.59	0.11	5.53	0.19	no
Typhlosaurus gariepensis	-4.207	2.3	0.71	0.18	4.02	0.71	no
Ameiva ameiva	-4.747	3.11	23.20	0.41	56.18	1.59	no
Ameiva exsul	-4.747	3.11	6.42	0.24	26.33	1.24	yes
Ameiva festiva	-4.747	3.11	10.10	0.48	20.95	1.35	no
Ameiva fuscata	-4.747	3.11	35.87	0.47	75.94	3.66	yes
Ameiva quadrilineata	-4.747	3.11	3.53	0.35	9.95	0.70	no
Aspidoscelis burti	-4.747	3.11	5.79	0.17	33.70	0.95	no
Aspidoscelis cozumelae	-4.747	3.11	1.48	0.20	7.28	0.58	no
Aspidoscelis deppei	-4.747	3.11	5.32	0.59	9.07	0.70	no
Aspidoscelis dixoni	-4.747	3.11	3.88	0.21	18.56	1.04	no
Aspidoscelis exsanguis	-4.747	3.11	3.79	0.24	16.08	0.78	no
Aspidoscelis gularis	-4.747	3.11	5.51	0.43	12.74	0.90	no
Aspidoscelis guttatus	-4.747	3.11	10.22	0.41	25.03	1.14	no
Aspidoscelis hyperythrus	-4.747	3.11	1.95	0.34	5.75	0.60	no
Aspidoscelis inornata	-4.747	3.11	2.83	0.58	4.92	0.78	no
Aspidoscelis laredoensis	-4.747	3.11	3.16	0.33	9.66	0.86	no
Aspidoscelis lineattissimus	-4.747	3.11	8.46	0.50	16.80	0.78	no
Aspidoscelis marmoratus	-4.747	3.11	2.95	0.21	14.00	1.14	no
Aspidoscelis neomexicanus	-4.747	3.11	2.00	0.22	9.27	0.74	no
Aspidoscelis scalaris	-4.747	3.11	5.18	0.35	15.00	0.90	no
Aspidoscelis sexlineata	-4.747	3.11	3.28	0.36	9.10	0.57	no
Aspidoscelis sonorae	-4.747	3.11	2.56	0.16	16.48	0.27	no
Aspidoscelis tesselatus	-4.747	3.11	8.18	0.65	12.54	1.72	no
Aspidoscelis tigris	-4.747	3.11	2.96	0.18	16.74	0.74	no
Aspidoscelis uniparens	-4.747	3.11	3.30	0.44	7.55	0.60	no
Aspidoscelis velox	-4.747	3.11	4.54	0.37	12.29	1.14	no
Cnemidophorus cryptus	-4.747	3.11	2.20	0.26	8.33	0.78	no
Cnemidophorus lacertoides	-4.747	3.11	1.78	0.20	9.13	0.48	no
Cnemidophorus lemniscatus	-4.747	3.11	1.89	0.31	6.16	0.45	no
Cnemidophorus ocellifer	-4.747	3.11	4.08	0.52	7.91	0.51	no
Cnemidophorus vacariensis	-4.747	3.11	5.33	1.12	4.75	0.64	no
Kentropyx calcarata	-4.747	3.11	3.61	0.15	23.78	0.85	no
Kentropyx pelviceps	-4.747	3.11	8.02	0.24	34.10	1.14	no
Kentropyx striata	-4.747	3.11	4.90	0.30	16.55	0.51	no
Teius oculatus	-4.747	3.11	4.54	0.17	26.36	1.14	no
Teius teyou	-4.747	3.11	7.55	0.24	31.91	1.58	no
Tupinambis teguixin	-4.747	3.11	108.59	0.08	1335.02	14.85	no
Trogonophis wiegmanni	-5.858	2.943	1.36	0.46	2.94	0.54	no
Leiocephalus psammodromus	-4.216	2.846	3.11	0.17	18.28	1.29	yes
Plica plica	-4.216	2.846	13.96	0.23	60.25	2.89	no
Plica umbra	-4.216	2.846	4.72	0.24	19.79	1.63	no
Stenocercus chrysopygus	-4.216	2.846	3.17	0.35	8.93	0.58	no
Stenocercus dumerilii	-4.216	2.846	4.42	0.17	26.34	1.28	no
Tropidurus etheridgei	-4.216	2.846	7.94	0.78	10.17	0.72	no
Tropidurus semitaeniatus	-4.216	2.846	1.84	0.16	11.83	0.27	no
Tropidurus spinulosus	-4.216	2.846	10.27	0.49	20.83	1.51	no
Tropidurus torquatus	-4.216	2.846	4.37	0.24	18.58	0.65	no
Uracentron flaviceps	-4.216	2.846	4.62	0.19	23.86	1.63	no

Varanus acanthurus	-5.301	3.235	30.05	0.55	54.73	3.29	no
Varanus albigularis	-5.301	3.235	706.55	0.23	3103.20	22.80	no
Varanus bengalensis	-5.301	3.235	189.79	0.16	1222.94	9.40	no
Varanus caudolineatus	-5.301	3.235	5.01	0.35	14.29	1.37	no
Varanus cumingi	-5.301	3.235	225.85	0.07	3127.49	26.62	yes
Varanus flavescens	-5.301	3.235	41.66	0.06	741.88	3.57	no
Varanus giganteus	-5.301	3.235	494.42	0.12	4173.32	55.02	no
Varanus gouldii	-5.301	3.235	26.29	0.05	522.74	4.04	no
Varanus griseus	-5.301	3.235	103.05	0.11	917.80	12.08	no
Varanus komodoensis	-5.301	3.235	2023.80	0.06	33374.27	82.13	yes
Varanus mertensi	-5.301	3.235	32.48	0.03	1011.50	3.48	no
Varanus niloticus	-5.301	3.235	398.41	0.14	2763.34	17.28	no
Varanus olivaceus	-5.301	3.235	465.58	0.16	2862.74	67.50	yes
Varanus rudicollis	-5.301	3.235	233.14	0.30	770.80	14.76	no
Varanus salvator	-5.301	3.235	652.88	0.24	2765.09	26.62	no
Varanus scalaris	-5.301	3.235	18.37	0.12	158.02	3.31	no
Varanus spenceri	-5.301	3.235	537.62	0.36	1511.15	29.60	no
Varanus tristis	-5.301	3.235	39.95	0.17	230.58	4.42	no
Varanus varius	-5.301	3.235	216.62	0.09	2304.70	17.28	no
Xantusia arizonae	-4.796	3.048	0.46	0.12	3.72	0.29	no
Xantusia henshawi	-4.796	3.048	0.62	0.13	4.84	0.35	no
Xantusia riversiana	-4.796	3.048	1.53	0.13	12.02	0.51	yes
Xantusia vigilis	-4.796	3.048	0.34	0.23	1.45	0.18	no
Xenosaurus grandis	-5.058	3.145	2.45	0.10	23.59	1.11	no

species	time	fossorial	diet	reproduction	clutch/litter size	clutch size based on	broods / year
Acanthocercus atricollis	Diurnal	no	Carnivorous	Oviparous	11.4	mean	1.0
Agama agama	Diurnal	no	Omnivorous	Oviparous	7.6	mean	2.0
Agama impalearis	Diurnal	no	Omnivorous	Oviparous	11.5	mean	2.4
Aphaniotis acutirostris	Diurnal	no	Carnivorous	Oviparous	2.0	mean	3.5
Calotes mystaceus	Diurnal	no	Carnivorous	Oviparous	7.0	mean	1.0
Calotes nemoricola	Diurnal	no	Carnivorous	Oviparous	13.3	mean	1.0
Calotes nigrilabris	Diurnal	no	Carnivorous	Oviparous	2.8	midpoint	1.0
Calotes versicolor	Diurnal	no	Carnivorous	Oviparous	11.2	mean	2.0
Chlamydosaurus kingii	Diurnal	no	Carnivorous	Oviparous	11.6	mean	1.4
Ctenophorus fordi	Diurnal	no	Carnivorous	Oviparous	2.3	mean	2.0
Ctenophorus isolepis	Diurnal	no	Carnivorous	Oviparous	3.4	mean	2.0
Ctenophorus maculosus	Diurnal	no	Carnivorous	Oviparous	3.2	mean	1.7
Ctenophorus nuchalis	Diurnal	no	Omnivorous	Oviparous	3.6	mean	2.4
Ctenophorus ornatus	Diurnal	no	Carnivorous	Oviparous	3.1	mean	2.4
Draco volans	Diurnal	no	Carnivorous	Oviparous	2.6	midpoint	1.0
Gonocephalus bellii	Diurnal	no	NA	Oviparous	3.9	midpoint	4.9
Gonocephalus bornensis	Diurnal	no	Carnivorous	Oviparous	4.0	mean	3.5
Gonocephalus chamaeleontinus	Diurnal	no	Carnivorous	Oviparous	4.6	midpoint	4.0
Gonocephalus grandis	Diurnal	no	Carnivorous	Oviparous	3.5	mean	6.3
Japalura kumaonensis	Diurnal	no	Carnivorous	Oviparous	11.2	midpoint	1.4
Japalura swinhonis	Diurnal	no	Carnivorous	Oviparous	3.9	mean	2.4
Laudakia caucasia	Diurnal	no	Omnivorous	Oviparous	7.5	midpoint	1.4
Laudakia stellio	Diurnal	no	Omnivorous	Oviparous	7.7	mean	2.0
Lophognathus longirostris	Diurnal	no	Carnivorous	Oviparous	4.6	mean	2.0
Moloch horridus	Diurnal	no	Carnivorous	Oviparous	7.2	mean	1.0
Phrynocephalus guttatus	Diurnal	no	Omnivorous	Oviparous	2.0	midpoint	2.4
Phrynocephalus helioscopus	Diurnal	no	Carnivorous	Oviparous	4.5	midpoint	2.4
Phrynocephalus mystaceus	Diurnal	no	Carnivorous	Oviparous	3.0	midpoint	1.4
Phrynocephalus theobaldi	Diurnal	no	Omnivorous	Viviparous	2.0	mean	1.0
Phrynocephalus versicolor	Diurnal	no	Omnivorous	Oviparous	2.0	midpoint	2.0
Physignathus cocincinus	Diurnal	no	Carnivorous	Oviparous	8.9	midpoint	1.4
Physignathus lesueurii	Diurnal	no	Omnivorous	Oviparous	8.9	midpoint	1.4
Pogona barbata	Diurnal	no	Omnivorous	Oviparous	16.3	mean	2.4
Sitana fusca	Diurnal	no	Carnivorous	Oviparous	7.2	mean	2.0
Sitana ponticeriana	Diurnal	no	Carnivorous	Oviparous	13.0	mean	2.4
Sitana sivalensis	Diurnal	no	Carnivorous	Oviparous	6.9	mean	2.4
Trapelus mutabilis	Diurnal	no	Omnivorous	Oviparous	7.7	midpoint	2.0
Trapelus ruderatus	Diurnal	no	Carnivorous	Oviparous	5.3	midpoint	2.4
Trapelus sanguinolentus	Diurnal	no	Omnivorous	Oviparous	8.2	midpoint	2.8
Uromastyx acanthinura	Diurnal	no	Herbivorous	Oviparous	13.0	mean	1.2
Uromastyx aegyptia	Diurnal	no	Herbivorous	Oviparous	11.1	midpoint	0.9
Uromastyx ornata	Diurnal	no	Herbivorous	Oviparous	8.5	midpoint	1.0
Amphisbaena kingii	NA	yes	Carnivorous	Oviparous	3.0	mean	1.0
Anguis fragilis	Diurnal	no	Carnivorous	Viviparous	9.0	mean	0.7
Barisia herrerae	Diurnal	no	Carnivorous	Viviparous	5.9	midpoint	1.0
Barisia imbricata	Diurnal	no	Carnivorous	Viviparous	7.3	mean	1.0
Elgaria coerulea	Diurnal	no	Carnivorous	Viviparous	5.2	mean	1.0
Elgaria multicarinata	Cathemeral	no	Carnivorous	Oviparous	10.7	mean	1.7
Gerrhonotus infernalis	Cathemeral	no	Carnivorous	Oviparous	18.0	mean	1.0
Mesaspis gadovii	Diurnal	no	Carnivorous	Viviparous	7.3	mean	1.0
Mesaspis juarezi	Diurnal	no	Carnivorous	Viviparous	3.0	midpoint	1.0
Mesaspis monticola	Diurnal	no	Carnivorous	Viviparous	4.3	mean	0.5
Ophiodes striatus	Diurnal	no	Carnivorous	Viviparous	5.2	mean	1.0
Ophisaurus attenuatus	Diurnal	no	Carnivorous	Oviparous	9.7	mean	1.0
Ophisaurus compressus	Diurnal	no	Carnivorous	Oviparous	8.5	midpoint	1.0

Ophisaurus gracilis	Cathemeral	no	Carnivorous	Oviparous	5.3	midpoint	1.0
Ophisaurus ventralis	Diurnal	no	Carnivorous	Oviparous	9.2	midpoint	1.0
Pseudopus apodus	Diurnal	no	Carnivorous	Oviparous	8.0	mean	1.0
Anniella pulchra	Cathemeral	yes	Carnivorous	Viviparous	1.6	mean	0.7
Bipes biporus	Diurnal	yes	Carnivorous	Oviparous	2.1	mean	0.5
Bipes canaliculatus	Diurnal	yes	Carnivorous	Oviparous	2.8	mean	0.5
Bipes tridactylus	NA	yes	Carnivorous	Oviparous	2.2	mean	1.0
Blanus mettetali	Nocturnal	yes	Carnivorous	Oviparous	1.0	midpoint	0.5
Bradypodion pumilum	Diurnal	no	Carnivorous	Viviparous	12.4	mean	2.8
Bradypodion ventrale	Diurnal	no	Carnivorous	Viviparous	9.4	midpoint	1.4
Chamaeleo calyptratus	Diurnal	no	Omnivorous	Oviparous	32.0	midpoint	2.4
Chamaeleo chamaeleon	Diurnal	no	Omnivorous	Oviparous	30.0	mean	1.0
Chamaeleo dilepis	Diurnal	no	Carnivorous	Oviparous	37.4	mean	1.0
Chamaeleo namaquensis	Diurnal	no	Omnivorous	Oviparous	13.2	mean	2.4
Furcifer labordi	Diurnal	no	Carnivorous	Oviparous	9.8	midpoint	1.0
Rhampholeon marshalli	Diurnal	no	Carnivorous	Oviparous	13.4	midpoint	1.0
Trioceros ellioti	Diurnal	no	Carnivorous	Viviparous	6.0	midpoint	3.0
Trioceros hoehnelii	Diurnal	no	Carnivorous	Viviparous	11.5	mean	2.0
Trioceros jacksonii	Diurnal	no	Carnivorous	Viviparous	21.7	mean	1.4
Trioceros quadricornis	Diurnal	no	Carnivorous	Oviparous	12.0	midpoint	2.4
Cordylus capensis	Diurnal	no	Carnivorous	Viviparous	2.0	mean	1.0
Cordylus giganteus	Diurnal	no	Carnivorous	Viviparous	2.7	mean	0.5
Cordylus melanotus	Diurnal	no	Omnivorous	Viviparous	3.5	mean	1.0
Basiliscus basiliscus	Diurnal	no	Omnivorous	Oviparous	9.2	mean	6.3
Basiliscus vittatus	Diurnal	no	Omnivorous	Oviparous	5.2	mean	2.2
Crotaphytus collaris	Diurnal	no	Carnivorous	Oviparous	5.5	mean	1.7
Crotaphytus grismeri	Diurnal	no	Carnivorous	Oviparous	3.0	midpoint	1.4
Crotaphytus reticulatus	Diurnal	no	Carnivorous	Oviparous	9.8	mean	2.0
Gambelia sila	Diurnal	no	Carnivorous	Oviparous	3.1	mean	2.0
Gambelia wislizenii	Diurnal	no	Carnivorous	Oviparous	4.7	mean	1.0
Aeluroscalabotes felinus	Nocturnal	no	Carnivorous	Oviparous	2.0	mean	2.0
Alsophylax laevis	Nocturnal	no	Carnivorous	Oviparous	1.4	midpoint	2.0
Alsophylax loricatus	Nocturnal	no	Carnivorous	Oviparous	1.4	midpoint	1.4
Alsophylax pipiens	Nocturnal	no	Carnivorous	Oviparous	1.4	midpoint	1.4
Alsophylax szczerbaki	Cathemeral	no	Carnivorous	Oviparous	1.4	midpoint	1.4
Aristelliger georgeensis	Cathemeral	no	Carnivorous	Oviparous	1.0	midpoint	1.0
Aristelliger praesignis	Cathemeral	no	Carnivorous	Oviparous	1.0	midpoint	2.0
Chondrodactylus angulifer	Nocturnal	no	Carnivorous	Oviparous	1.8	mean	2.8
Christinus marmoratus	Nocturnal	no	Omnivorous	Oviparous	1.7	mean	1.4
Cnemaspis kandiana	Cathemeral	no	Carnivorous	Oviparous	2.0	mean	8.5
Coleonyx brevis	Nocturnal	no	Carnivorous	Oviparous	2.0	mean	2.4
Coleonyx elegans	Nocturnal	no	Carnivorous	Oviparous	2.0	mean	2.2
Coleonyx reticulatus	Nocturnal	no	Carnivorous	Oviparous	2.0	mean	2.0
Coleonyx variegatus	Nocturnal	no	Carnivorous	Oviparous	2.0	mean	2.4
Crenadactylus ocellatus	Nocturnal	no	Carnivorous	Oviparous	2.0	mean	2.0
Crossobamon eversmanni	Nocturnal	no	Carnivorous	Oviparous	1.4	midpoint	2.4
Cyrtodactylus peguensis	Nocturnal	no	Carnivorous	Oviparous	2.0	midpoint	3.5
Cyrtopodion caspium	Cathemeral	no	Carnivorous	Oviparous	1.4	midpoint	2.0
Cyrtopodion fedtschenkoi	Cathemeral	no	Omnivorous	Oviparous	1.8	mean	2.0
Diplodactylus tessellatus	Nocturnal	no	Carnivorous	Oviparous	2.0	mean	2.0
Eublepharis macularius	Nocturnal	no	Carnivorous	Oviparous	2.4	mean	3.5
Eublepharis turcmenicus	Nocturnal	no	Carnivorous	Oviparous	1.7	midpoint	2.0
Geckonia chazaliae	Nocturnal	no	Carnivorous	Oviparous	1.4	midpoint	4.5
Gehyra variegata	Nocturnal	no	Carnivorous	Oviparous	1.0	mean	2.0
Gekko gecko	Nocturnal	no	Carnivorous	Oviparous	2.0	mean	2.0
Gekko hokouensis	Nocturnal	no	Carnivorous	Oviparous	2.0	mean	1.4
Gonatodes albogularis	Diurnal	no	Carnivorous	Oviparous	1.4	mean	12.5
Goniurosaurus araneus	Nocturnal	no	Carnivorous	Oviparous	2.0	mean	2.8
Gymnodactylus geckoides	Cathemeral	no	Carnivorous	Oviparous	1.3	mean	2.2

Hemidactylus bowringii	Nocturnal	no	Carnivorous	Oviparous	1.9	mean	1.4
Hemidactylus brookii	Nocturnal	no	Carnivorous	Oviparous	2.0	mean	2.0
Hemidactylus flaviviridis	Cathemeral	no	Carnivorous	Oviparous	2.0	mean	1.7
Hemidactylus frenatus	Nocturnal	no	Carnivorous	Oviparous	1.9	mean	14.3
Hemidactylus mabouia	Cathemeral	no	Carnivorous	Oviparous	2.0	mean	3.5
Hemidactylus maculatus	Nocturnal	no	Carnivorous	Oviparous	2.0	mean	2.0
Hemidactylus turcicus	Nocturnal	no	Carnivorous	Oviparous	2.0	mean	3.2
Heteronotia binoei	Nocturnal	no	Carnivorous	Oviparous	2.0	mean	1.7
Homonota darwinii	Nocturnal	no	Carnivorous	Oviparous	1.0	mean	0.7
Homonota fasciata	Nocturnal	no	Carnivorous	Oviparous	1.2	mean	2.0
Hoplodactylus maculatus	Nocturnal	no	Omnivorous	Viviparous	1.8	mean	0.5
Lepidodactylus lugubris	Nocturnal	no	Omnivorous	Oviparous	1.4	mean	4.2
Lucasium damaeum	Nocturnal	no	Carnivorous	Oviparous	2.0	mean	2.0
Lygodactylus klugei	Diurnal	no	Carnivorous	Oviparous	2.0	mean	1.4
Mediodactylus kotschyi	Cathemeral	no	Carnivorous	Oviparous	2.1	mean	2.2
Mediodactylus russowii	Cathemeral	no	Carnivorous	Oviparous	1.4	midpoint	1.4
Naultinus gemmeus	Diurnal	no	Carnivorous	Viviparous	1.9	mean	1.0
Naultinus manukanus	Diurnal	no	Carnivorous	Viviparous	1.9	mean	1.0
Oedura castelnaui	Nocturnal	no	Carnivorous	Oviparous	2.0	mean	1.0
Oedura lesueurii	Nocturnal	no	Carnivorous	Oviparous	2.0	mean	1.4
Oedura monilis	Nocturnal	no	Carnivorous	Oviparous	2.0	mean	1.4
Oedura reticulata	Nocturnal	no	Carnivorous	Oviparous	2.1	mean	1.0
Oedura tryoni	Nocturnal	no	Carnivorous	Oviparous	2.0	mean	2.0
Phelsuma dubia	Diurnal	no	Omnivorous	Oviparous	2.0	mean	9.5
Phyllodactylus lanei	Nocturnal	no	Carnivorous	Oviparous	2.0	mean	3.0
Phyllopezus pollicaris	Nocturnal	no	Carnivorous	Oviparous	2.0	mean	1.4
Phyllurus platurus	Nocturnal	no	Carnivorous	Oviparous	2.0	mean	1.4
Pristurus rupestris	Diurnal	no	Carnivorous	Oviparous	1.0	mean	1.4
Ptenopus garrulus	Nocturnal	no	Carnivorous	Oviparous	1.0	mean	1.4
Ptyodactylus guttatus	Cathemeral	no	Carnivorous	Oviparous	2.0	mean	4.0
Ptyodactylus oudrii	Nocturnal	no	Carnivorous	Oviparous	1.4	midpoint	6.0
Ptyodactylus ragazzii	Cathemeral	no	Carnivorous	Oviparous	2.0	mean	4.2
Quedenfeldtia trachyblepharus	Diurnal	no	Carnivorous	Oviparous	1.0	mean	2.4
Rhacodactylus auriculatus	Nocturnal	no	Omnivorous	Oviparous	2.0	mean	4.5
Saltuarius cornutus	Nocturnal	no	Carnivorous	Oviparous	2.0	mean	1.0
Sphaerodactylus cinereus	Nocturnal	no	Carnivorous	Oviparous	1.0	midpoint	6.0
Sphaerodactylus elegans	Nocturnal	no	Carnivorous	Oviparous	1.4	midpoint	6.0
Sphaerodactylus pimienta	NA	no	Carnivorous	Oviparous	1.0	midpoint	3.7
Sphaerodactylus roosevelti	Nocturnal	no	Carnivorous	Oviparous	1.0	mean	5.0
Sphaerodactylus savagei	Cathemeral	no	Carnivorous	Oviparous	1.0	mean	7.0
Stenodactylus doriae	Nocturnal	no	Carnivorous	Oviparous	2.0	mean	5.0
Strophurus ciliaris	Nocturnal	no	Carnivorous	Oviparous	2.0	mean	5.7
Strophurus elderi	Nocturnal	no	Carnivorous	Oviparous	2.0	mean	2.0
Strophurus intermedius	Nocturnal	no	Carnivorous	Oviparous	2.0	mean	2.0
Tarentola angustimentalis	Nocturnal	no	Carnivorous	Oviparous	1.4	midpoint	5.1
Tarentola annularis	Nocturnal	no	Carnivorous	Oviparous	1.4	midpoint	4.0
Tarentola boettgeri	Nocturnal	no	Carnivorous	Oviparous	1.4	midpoint	4.5
Tarentola deserti	Nocturnal	no	Carnivorous	Oviparous	2.0	mean	4.9
Tarentola mauritanica	Cathemeral	no	Carnivorous	Oviparous	2.0	mean	5.5
Teratoscincus scincus	Nocturnal	no	Carnivorous	Oviparous	1.4	midpoint	2.0
Gerrhosaurus skoogi	Diurnal	no	Herbivorous	Oviparous	2.0	mean	1.0
Cercosaura schreibersii	Diurnal	no	Carnivorous	Oviparous	2.0	mean	1.4
Gymnophthalmus speciosus	Diurnal	no	Carnivorous	Oviparous	1.9	mean	2.4
Leposoma rugiceps	Diurnal	no	Carnivorous	Oviparous	2.1	mean	1.4
Potamites ecpleopus	Diurnal	no	Carnivorous	Oviparous	2.0	mean	2.0
Heloderma horridum	Cathemeral	no	Carnivorous	Oviparous	7.9	mean	1.0
Heloderma suspectum	Cathemeral	no	Carnivorous	Oviparous	5.3	mean	1.0
Amblyrhynchus cristatus	Diurnal	no	Herbivorous	Oviparous	2.2	mean	0.7
Brachylophus fasciatus	Diurnal	no	Herbivorous	Oviparous	3.9	mean	1.4

Conolophus pallidus	Diurnal	no	Herbivorous	Oviparous	10.0	midpoint	1.0
Conolophus subcristatus	Diurnal	no	Herbivorous	Oviparous	13.5	mean	1.0
Ctenosaura pectinata	Diurnal	no	Herbivorous	Oviparous	44.3	mean	1.0
Ctenosaura similis	Diurnal	no	Herbivorous	Oviparous	30.9	mean	1.0
Cyclura carinata	Diurnal	no	Herbivorous	Oviparous	4.3	mean	1.0
Cyclura cornuta	Diurnal	no	Herbivorous	Oviparous	13.5	mean	1.0
Cyclura cychlura	Diurnal	no	Herbivorous	Oviparous	6.6	mean	1.0
Cyclura nubila	Diurnal	no	Herbivorous	Oviparous	9.2	mean	0.7
Cyclura pinguis	Diurnal	no	Herbivorous	Oviparous	12.2	mean	1.0
Dipsosaurus dorsalis	Diurnal	no	Herbivorous	Oviparous	4.4	mean	1.4
Iguana iguana	Diurnal	no	Herbivorous	Oviparous	26.3	mean	1.0
Sauromalus ater	Diurnal	no	Herbivorous	Oviparous	7.7	mean	0.8
Sauromalus hispidus	Diurnal	no	Herbivorous	Oviparous	22.0	mean	1.0
Sauromalus obesus	Diurnal	no	Herbivorous	Oviparous	8.1	mean	0.6
Sauromalus varius	Diurnal	no	Herbivorous	Oviparous	23.4	mean	1.0
Acanthodactylus erythrurus	Diurnal	no	Carnivorous	Oviparous	3.9	mean	1.4
Acanthodactylus pardalis	Diurnal	no	Carnivorous	Oviparous	3.5	mean	1.7
Acanthodactylus scutellatus	Diurnal	no	Carnivorous	Oviparous	2.7	mean	2.4
Acanthodactylus spinicauda	Diurnal	no	Carnivorous	Oviparous	4.0	midpoint	2.0
Algyroides marchi	Diurnal	no	Carnivorous	Oviparous	2.4	mean	1.7
Algyroides moreoticus	Diurnal	no	Carnivorous	Oviparous	3.3	mean	3.7
Algyroides nigropunctatus	Diurnal	no	Carnivorous	Oviparous	3.5	mean	1.4
Atlantolacerta andreanskyi	Diurnal	no	Carnivorous	Oviparous	2.1	mean	2.8
Dalmatolacerta oxycephala	Diurnal	no	Carnivorous	Oviparous	3.4	mean	2.0
Darevskia chlorogaster	Diurnal	no	Carnivorous	Oviparous	5.5	midpoint	1.0
Darevskia derjugini	Diurnal	no	Carnivorous	Oviparous	2.8	midpoint	2.4
Darevskia parvula	Diurnal	no	Carnivorous	Oviparous	2.8	midpoint	1.0
Darevskia portschinskii	Diurnal	no	Carnivorous	Oviparous	3.2	midpoint	1.0
Darevskia praticola	Diurnal	no	Carnivorous	Oviparous	5.7	mean	1.4
Darevskia raddei	Diurnal	no	Carnivorous	Oviparous	4.0	mean	1.0
Darevskia rostombekovi	Diurnal	no	Carnivorous	Oviparous	2.8	midpoint	1.0
Darevskia rudis	Diurnal	no	Omnivorous	Oviparous	4.0	midpoint	1.0
Darevskia saxicola	Diurnal	no	Omnivorous	Oviparous	4.0	mean	2.0
Darevskia unisexualis	Diurnal	no	Carnivorous	Oviparous	5.0	mean	1.4
Darevskia valentini	Diurnal	no	Carnivorous	Oviparous	4.9	midpoint	1.0
Dinarolacerta mosorensis	Diurnal	no	Carnivorous	Oviparous	4.7	mean	1.0
Eremias arguta	Diurnal	no	Carnivorous	Oviparous	3.5	mean	1.4
Eremias grammica	Diurnal	no	Carnivorous	Oviparous	1.4	midpoint	2.4
Eremias intermedia	Diurnal	no	Carnivorous	Oviparous	2.0	mean	2.0
Eremias lineolata	Diurnal	no	Carnivorous	Oviparous	1.7	midpoint	1.0
Eremias nigrocellata	Diurnal	no	Carnivorous	Oviparous	5.5	mean	2.4
Eremias nikolskii	Diurnal	no	Carnivorous	Oviparous	3.2	midpoint	1.0
Eremias persica	Diurnal	no	Carnivorous	Oviparous	4.0	midpoint	1.0
Eremias pleskei	Diurnal	no	Omnivorous	Oviparous	3.5	midpoint	2.0
Eremias regeli	Diurnal	no	Carnivorous	Oviparous	2.0	midpoint	2.0
Eremias strauchi	Diurnal	no	Omnivorous	Oviparous	3.7	midpoint	1.7
Eremias velox	Diurnal	no	Carnivorous	Oviparous	3.5	midpoint	2.8
Gallotia atlantica	Diurnal	no	Omnivorous	Oviparous	2.1	mean	2.4
Gallotia bravoana	Diurnal	no	Herbivorous	Oviparous	4.9	midpoint	1.0
Gallotia caesaris	Diurnal	no	Omnivorous	Oviparous	3.1	mean	2.0
Gallotia galloti	Diurnal	no	Herbivorous	Oviparous	3.6	mean	1.4
Gallotia simonyi	Diurnal	no	Herbivorous	Oviparous	10.0	mean	1.4
Gallotia stehlini	Diurnal	no	Herbivorous	Oviparous	9.8	mean	1.0
Heliobolus lugubris	Diurnal	no	Carnivorous	Oviparous	3.6	mean	1.4
Hellenolacerta graeca	Diurnal	no	Carnivorous	Oviparous	3.5	mean	1.0
Iberolacerta aranica	Diurnal	no	Carnivorous	Oviparous	3.0	mean	1.0
Iberolacerta aurelioi	Diurnal	no	Carnivorous	Oviparous	2.5	mean	1.0
Iberolacerta bonnali	Diurnal	no	Carnivorous	Oviparous	3.0	mean	1.0
Iberolacerta cyreni	Diurnal	no	Carnivorous	Oviparous	5.9	mean	1.0

Iberolacerta horvathi	Diurnal	no	Carnivorous	Oviparous	3.7	mean	1.0
Iberolacerta monticola	Diurnal	no	Carnivorous	Oviparous	6.2	mean	1.7
Ichnotropis squamulosa	Diurnal	no	Carnivorous	Oviparous	4.0	mean	1.4
Lacerta agilis	Diurnal	no	Carnivorous	Oviparous	7.4	mean	1.4
Lacerta schreiberi	Diurnal	no	Carnivorous	Oviparous	13.7	mean	1.7
Lacerta strigata	Diurnal	no	Carnivorous	Oviparous	8.2	midpoint	1.4
Lacerta trilineata	Diurnal	no	Omnivorous	Oviparous	9.5	midpoint	1.4
Lacerta viridis	Diurnal	no	Carnivorous	Oviparous	7.5	mean	1.4
Meroles anchietae	Diurnal	no	Omnivorous	Oviparous	1.3	mean	2.0
Meroles cuneirostris	Diurnal	no	Carnivorous	Oviparous	2.9	mean	1.4
Meroles suborbitalis	Diurnal	no	Carnivorous	Oviparous	4.1	mean	1.4
Mesalina guttulata	Diurnal	no	Carnivorous	Oviparous	4.4	mean	2.0
Mesalina olivieri	Diurnal	no	Carnivorous	Oviparous	2.8	midpoint	1.7
Mesalina pasteuri	Diurnal	no	Carnivorous	Oviparous	3.0	mean	2.0
Mesalina rubropunctata	Diurnal	no	Carnivorous	Oviparous	4.5	mean	2.8
Nucras lalandii	Diurnal	no	Carnivorous	Oviparous	7.0	mean	1.0
Nucras taeniolata	Diurnal	no	Carnivorous	Oviparous	4.7	mean	1.0
Nucras tessellata	Diurnal	no	Carnivorous	Oviparous	3.9	mean	1.0
Ophisops elegans	Diurnal	no	Carnivorous	Oviparous	4.0	mean	2.8
Parvilacerta parva	Diurnal	no	Carnivorous	Oviparous	2.2	midpoint	1.7
Pedioplanis burchelli	Diurnal	no	Carnivorous	Oviparous	4.5	mean	1.4
Pedioplanis namaquensis	Diurnal	no	Carnivorous	Oviparous	3.8	mean	1.4
Phoenicolacerta laevis	Diurnal	no	Carnivorous	Oviparous	5.2	mean	2.8
Phoenicolacerta troodica	Diurnal	no	Carnivorous	Oviparous	4.0	midpoint	2.4
Podarcis bocagei	Diurnal	no	Carnivorous	Oviparous	2.9	mean	2.0
Podarcis carbonelli	Diurnal	no	Carnivorous	Oviparous	2.1	mean	1.7
Podarcis erhardii	Diurnal	no	Carnivorous	Oviparous	2.5	mean	2.0
Podarcis filfolensis	Diurnal	no	Omnivorous	Oviparous	2.0	midpoint	1.4
Podarcis gaigeae	Diurnal	no	Carnivorous	Oviparous	2.4	mean	2.4
Podarcis hispanicus	Diurnal	no	Omnivorous	Oviparous	2.7	mean	2.8
Podarcis lilfordi	Diurnal	no	Omnivorous	Oviparous	2.5	mean	2.4
Podarcis liolepis	Diurnal	no	Omnivorous	Oviparous	2.8	mean	2.0
Podarcis melisellensis	Diurnal	no	Carnivorous	Oviparous	4.3	mean	3.9
Podarcis milensis	Diurnal	no	Carnivorous	Oviparous	1.7	mean	1.4
Podarcis muralis	Diurnal	no	Omnivorous	Oviparous	5.6	mean	1.7
Podarcis peloponnesiacus	Diurnal	no	Carnivorous	Oviparous	3.5	mean	1.4
Podarcis pityusensis	Diurnal	no	Omnivorous	Oviparous	2.5	mean	1.0
Podarcis siculus	Diurnal	no	Omnivorous	Oviparous	4.6	mean	3.9
Podarcis tauricus	Diurnal	no	Carnivorous	Oviparous	4.7	mean	1.7
Podarcis waglerianus	Diurnal	no	Carnivorous	Oviparous	3.5	midpoint	1.4
Psammodromus algirus	Diurnal	no	Omnivorous	Oviparous	6.0	mean	1.7
Psammodromus blanci	Diurnal	no	Carnivorous	Oviparous	2.8	midpoint	4.5
Psammodromus hispanicus	Diurnal	no	Carnivorous	Oviparous	3.2	mean	1.4
Scelarcis perspicillata	Diurnal	no	Carnivorous	Oviparous	2.0	midpoint	2.0
Takydromus amurensis	Diurnal	no	Carnivorous	Oviparous	5.0	mean	2.0
Takydromus septentrionalis	Diurnal	no	Carnivorous	Oviparous	3.3	mean	2.8
Takydromus sexlineatus	Diurnal	no	Carnivorous	Oviparous	2.2	mean	4.5
Takydromus tachydromoides	Diurnal	no	Carnivorous	Oviparous	3.8	mean	4.2
Takydromus wolteri	Diurnal	no	Carnivorous	Oviparous	5.5	mean	2.0
Teira dugesii	Diurnal	no	Omnivorous	Oviparous	2.5	mean	2.4
Timon lepidus	Diurnal	no	Omnivorous	Oviparous	13.3	mean	1.4
Timon pater	Diurnal	no	Carnivorous	Oviparous	6.3	midpoint	2.4
Zootoca vivipara	Diurnal	no	Carnivorous	Viviparous	5.8	mean	1.0
Liolaemus andinus	Diurnal	no	Omnivorous	Viviparous	5.8	mean	1.0
Liolaemus bibronii	Diurnal	no	Carnivorous	Oviparous	2.7	mean	1.0
Liolaemus boulengeri	Diurnal	no	Carnivorous	Oviparous	3.9	mean	1.0
Liolaemus elongatus	Diurnal	no	Omnivorous	Viviparous	3.6	mean	0.7
Liolaemus huacahuasicus	Diurnal	no	Herbivorous	Viviparous	5.0	mean	1.0
Liolaemus koslowskyi	Diurnal	no	Carnivorous	Oviparous	5.6	mean	1.0

Liolaemus lineomaculatus	Diurnal	no	Herbivorous	Viviparous	3.3	mean	1.0
Liolaemus lutzae	Diurnal	no	Herbivorous	Oviparous	2.7	mean	1.0
Liolaemus pictus	Diurnal	no	Carnivorous	Viviparous	4.2	mean	0.4
Liolaemus scolaroi	Diurnal	no	Carnivorous	Viviparous	3.0	mean	1.0
Liolaemus signifer	Diurnal	no	Omnivorous	Viviparous	5.8	mean	1.0
Liolaemus wiegmannii	Diurnal	no	Carnivorous	Oviparous	4.0	midpoint	1.4
Phymaturus patagonicus	Diurnal	no	Herbivorous	Viviparous	2.0	mean	0.5
Phymaturus punae	Diurnal	no	Herbivorous	Viviparous	1.4	midpoint	0.5
Phymaturus zapalensis	Diurnal	no	Omnivorous	Viviparous	1.0	mean	0.5
Callisaurus draconoides	Diurnal	no	Carnivorous	Oviparous	4.3	mean	2.2
Cophosaurus texanus	Diurnal	no	Carnivorous	Oviparous	4.0	mean	3.2
Holbrookia lacerata	Diurnal	no	Carnivorous	Oviparous	6.9	mean	2.0
Holbrookia maculata	Diurnal	no	Carnivorous	Oviparous	5.3	mean	1.7
Holbrookia propinqua	Diurnal	no	Carnivorous	Oviparous	3.8	mean	3.0
Phrynosoma blainvillii	Diurnal	no	Carnivorous	Oviparous	11.0	midpoint	1.0
Phrynosoma cornutum	Diurnal	no	Carnivorous	Oviparous	24.9	mean	1.4
Phrynosoma coronatum	Diurnal	no	Carnivorous	Oviparous	11.8	mean	1.4
Phrynosoma ditmarsi	Diurnal	no	Carnivorous	Viviparous	6.6	midpoint	1.0
Phrynosoma douglassii	Diurnal	no	Carnivorous	Viviparous	12.0	mean	1.0
Phrynosoma hernandesi	Diurnal	no	Carnivorous	Viviparous	17.9	mean	1.0
Phrynosoma mcallii	Diurnal	no	Carnivorous	Oviparous	5.4	mean	1.4
Phrynosoma modestum	Diurnal	no	Carnivorous	Oviparous	10.8	mean	1.4
Phrynosoma platyrhinos	Diurnal	no	Carnivorous	Oviparous	7.1	mean	1.4
Phrynosoma solare	Diurnal	no	Carnivorous	Oviparous	18.5	mean	1.0
Sceloporus aeneus	Diurnal	no	Carnivorous	Oviparous	5.6	mean	2.0
Sceloporus arenicolus	Diurnal	no	Carnivorous	Oviparous	4.2	midpoint	1.4
Sceloporus clarkii	Diurnal	no	Omnivorous	Oviparous	12.5	mean	1.4
Sceloporus consobrinus	Diurnal	no	Carnivorous	Oviparous	7.4	mean	2.0
Sceloporus cozumelae	Diurnal	no	Carnivorous	Oviparous	1.8	mean	1.4
Sceloporus cyanogenys	Diurnal	no	Carnivorous	Viviparous	13.0	mean	1.0
Sceloporus formosus	Diurnal	no	Carnivorous	Viviparous	7.0	mean	1.0
Sceloporus gadoviae	Diurnal	no	Carnivorous	Oviparous	3.7	mean	1.4
Sceloporus graciosus	Diurnal	no	Carnivorous	Oviparous	3.9	mean	1.4
Sceloporus grammicus	Diurnal	no	Carnivorous	Viviparous	4.5	mean	1.0
Sceloporus horridus	Diurnal	no	Carnivorous	Oviparous	11.5	mean	2.0
Sceloporus jarrovii	Diurnal	no	Carnivorous	Viviparous	6.5	mean	1.0
Sceloporus magister	Diurnal	no	Carnivorous	Oviparous	8.8	mean	1.7
Sceloporus malachiticus	Diurnal	no	Carnivorous	Viviparous	5.2	mean	1.0
Sceloporus merriami	Diurnal	no	Carnivorous	Oviparous	4.1	mean	1.4
Sceloporus mucronatus	Diurnal	no	Omnivorous	Viviparous	4.3	mean	1.0
Sceloporus occidentalis	Diurnal	no	Carnivorous	Oviparous	9.4	mean	1.7
Sceloporus olivaceus	Diurnal	no	Carnivorous	Oviparous	14.3	mean	2.0
Sceloporus omiltemanus	Diurnal	no	Carnivorous	Viviparous	6.2	mean	1.0
Sceloporus orcutti	Diurnal	no	Carnivorous	Oviparous	10.1	mean	1.0
Sceloporus poinsettii	Diurnal	no	Omnivorous	Viviparous	10.2	mean	1.0
Sceloporus scalaris	Diurnal	no	Carnivorous	Oviparous	8.5	mean	1.4
Sceloporus serrifer	Diurnal	no	Carnivorous	Viviparous	15.1	mean	1.0
Sceloporus slevini	Diurnal	no	Carnivorous	Oviparous	8.5	mean	1.0
Sceloporus torquatus	Diurnal	no	Carnivorous	Viviparous	7.9	mean	1.0
Sceloporus undulatus	Diurnal	no	Carnivorous	Oviparous	7.7	mean	2.2
Sceloporus utiformis	Diurnal	no	Carnivorous	Oviparous	7.1	mean	1.0
Sceloporus variabilis	Diurnal	no	Carnivorous	Oviparous	3.8	mean	4.9
Sceloporus virgatus	Diurnal	no	Carnivorous	Oviparous	9.8	mean	1.0
Sceloporus woodi	Diurnal	no	Carnivorous	Oviparous	4.8	mean	2.4
Uma exsul	Diurnal	no	Carnivorous	Oviparous	3.0	mean	1.4
Uma notata	Diurnal	no	Omnivorous	Oviparous	2.3	mean	2.0
Urosaurus bicarinatus	Diurnal	no	Carnivorous	Oviparous	6.4	mean	1.4
Urosaurus graciosus	Diurnal	no	Carnivorous	Oviparous	4.5	mean	1.4
Urosaurus ornatus	Diurnal	no	Carnivorous	Oviparous	6.5	mean	2.4

Uta stansburiana	Diurnal	no	Carnivorous	Oviparous	3.7	mean	2.6
Anolis acutus	Diurnal	no	Carnivorous	Oviparous	1.0	mean	6.0
Anolis argenteolus	Diurnal	no	Carnivorous	Oviparous	1.0	mean	6.3
Anolis bahorucoensis	Diurnal	no	Carnivorous	Oviparous	1.0	mean	5.5
Anolis carolinensis	Diurnal	no	Carnivorous	Oviparous	1.0	mean	9.5
Anolis cupreus	Diurnal	no	Carnivorous	Oviparous	1.0	mean	18.0
Anolis intermedius	Diurnal	no	Carnivorous	Oviparous	1.0	mean	11.0
Anolis limifrons	Diurnal	no	Carnivorous	Oviparous	1.0	mean	8.9
Anolis lineatopus	Diurnal	no	Carnivorous	Oviparous	1.0	mean	18.0
Anolis lionotus	Diurnal	no	Carnivorous	Oviparous	1.0	mean	2.0
Anolis lucius	Diurnal	no	Carnivorous	Oviparous	1.0	mean	3.5
Anolis nebulosus	Diurnal	no	Carnivorous	Oviparous	1.0	mean	25.5
Anolis opalinus	Diurnal	no	Carnivorous	Oviparous	1.0	mean	27.9
Anolis polylepis	Diurnal	no	Carnivorous	Oviparous	1.0	mean	27.5
Anolis roquet	Diurnal	no	Omnivorous	Oviparous	1.0	mean	24.9
Anolis sabanus	Diurnal	no	Omnivorous	Oviparous	1.0	mean	17.3
Anolis sagrei	Diurnal	no	Carnivorous	Oviparous	1.0	mean	20.0
Anolis tropidolepis	Diurnal	no	Carnivorous	Oviparous	1.0	mean	8.5
Anolis valencienni	Diurnal	no	Omnivorous	Oviparous	1.0	mean	10.0
Polychrus acutirostris	Diurnal	no	Omnivorous	Oviparous	14.4	mean	1.0
Aprasia pulchella	Cathemeral	yes	Carnivorous	Oviparous	2.0	mean	1.0
Aprasia repens	Nocturnal	yes	Carnivorous	Oviparous	2.0	mean	1.0
Lialis burtonis	Cathemeral	no	Carnivorous	Oviparous	1.8	mean	1.0
Ablepharus kitaibelii	Diurnal	no	Carnivorous	Oviparous	3.5	midpoint	1.0
Acontias kgalagadi	Nocturnal	yes	Carnivorous	Viviparous	1.5	mean	0.7
Afroablepharus wahlbergi	Diurnal	no	Carnivorous	Oviparous	4.5	mean	2.0
Asymblepharus sikimmensis	Diurnal	no	Carnivorous	Oviparous	4.0	midpoint	1.0
Bassiana duperreyi	Diurnal	no	Carnivorous	Oviparous	5.3	mean	1.0
Carlia longipes	Diurnal	no	Carnivorous	Oviparous	2.0	mean	2.0
Carlia rhomboidalis	Diurnal	no	Carnivorous	Oviparous	2.0	mean	2.4
Carlia rostralis	Diurnal	no	Carnivorous	Oviparous	2.0	mean	3.5
Carlia rubrigularis	Diurnal	no	Carnivorous	Oviparous	2.0	mean	1.0
Carlia tetradactyla	Diurnal	no	Carnivorous	Oviparous	2.0	mean	2.0
Chalcides bedriagai	Diurnal	yes	Carnivorous	Viviparous	2.4	mean	1.0
Chalcides chalcides	Cathemeral	yes	Carnivorous	Viviparous	7.0	mean	1.0
Chalcides ocellatus	Cathemeral	no	Omnivorous	Viviparous	6.3	mean	1.4
Chalcides sepsoides	Cathemeral	yes	Omnivorous	Viviparous	4.5	midpoint	1.0
Chalcides viridanus	Diurnal	no	Omnivorous	Viviparous	2.6	midpoint	1.0
Ctenotus brooksi	Diurnal	no	Carnivorous	Oviparous	2.3	mean	2.0
Ctenotus pantherinus	Cathemeral	no	Carnivorous	Oviparous	4.9	mean	2.0
Ctenotus taeniolatus	Diurnal	no	Carnivorous	Oviparous	4.1	mean	1.0
Cyclodomorphus celatus	Nocturnal	no	Carnivorous	Viviparous	3.8	mean	1.0
Cyclodomorphus melanops	Nocturnal	no	Carnivorous	Viviparous	2.4	mean	1.0
Dasia olivacea	Diurnal	no	Carnivorous	Oviparous	6.0	mean	1.4
Egernia cunninghami	Diurnal	no	Herbivorous	Viviparous	4.2	mean	1.0
Egernia kingii	Diurnal	no	Herbivorous	Viviparous	4.9	mean	1.0
Egernia stokesii	Diurnal	no	Herbivorous	Viviparous	4.9	mean	1.0
Egernia striolata	Diurnal	no	Omnivorous	Viviparous	3.8	mean	1.0
Emoia atrocostata	Diurnal	no	Carnivorous	Oviparous	1.9	mean	3.0
Emoia cyanura	Diurnal	no	Carnivorous	Oviparous	2.0	mean	2.0
Emoia nigra	Diurnal	no	Carnivorous	Oviparous	2.6	mean	2.0
Eremiascincus richardsonii	Nocturnal	no	Carnivorous	Oviparous	4.7	mean	2.0
Eulamprus brachyosoma	Diurnal	no	Carnivorous	Viviparous	3.9	mean	1.0
Eulamprus quoyii	Diurnal	no	Omnivorous	Viviparous	5.2	mean	1.0
Eulamprus tympanum	Diurnal	no	Omnivorous	Viviparous	3.2	mean	0.7
Eumeces schneideri	Diurnal	no	Omnivorous	Oviparous	6.3	midpoint	1.0
Eutropis carinata	Diurnal	no	Carnivorous	Oviparous	4.5	mean	2.0
Eutropis longicaudata	Diurnal	no	Carnivorous	Oviparous	6.9	mean	1.4
Eutropis multifasciata	Diurnal	no	Carnivorous	Viviparous	5.0	mean	2.0

Hemiergis peronii	Nocturnal	yes	Carnivorous	Viviparous	2.6	mean	1.0
Lamprolepis smaragdina	Diurnal	no	Omnivorous	Oviparous	2.1	mean	1.0
Lampropholis delicata	Diurnal	no	Carnivorous	Oviparous	3.1	mean	1.0
Lampropholis guichenoti	Diurnal	no	Carnivorous	Oviparous	2.6	mean	1.4
Lerista borealis	Diurnal	no	Carnivorous	Oviparous	3.0	midpoint	1.0
Lerista bougainvillii	Nocturnal	yes	Carnivorous	Oviparous	2.7	mean	1.0
Lerista punctatovittata	Nocturnal	yes	Carnivorous	Oviparous	1.8	mean	1.7
Lerista xanthura	Cathemeral	no	Carnivorous	Oviparous	1.3	mean	1.4
Liopholis inornata	Cathemeral	no	Omnivorous	Viviparous	2.4	mean	2.0
Liopholis kintorei	Nocturnal	no	Herbivorous	Viviparous	6.0	mean	1.0
Liopholis modesta	Diurnal	no	NA	Viviparous	2.7	mean	1.0
Liopholis striata	Nocturnal	no	Carnivorous	Viviparous	2.6	mean	1.0
Liopholis whitii	Diurnal	no	Carnivorous	Viviparous	2.8	mean	1.0
Lissolepis coventryi	Cathemeral	no	Omnivorous	Viviparous	2.7	mean	1.0
Lobulia alpina	Diurnal	no	NA	Viviparous	2.6	mean	1.0
Mabuya agilis	Diurnal	no	Carnivorous	Viviparous	4.3	mean	1.0
Mabuya bistriata	Diurnal	no	Carnivorous	Viviparous	4.7	mean	1.0
Mabuya frenata	Diurnal	no	Carnivorous	Viviparous	4.5	mean	1.0
Mabuya heathi	Diurnal	no	Carnivorous	Viviparous	5.0	mean	1.4
Mabuya mabouya	Diurnal	no	Carnivorous	Viviparous	4.2	mean	1.0
Mabuya nigropunctata	Diurnal	no	Carnivorous	Viviparous	4.7	mean	1.0
Mabuya unimarginata	Diurnal	no	Carnivorous	Viviparous	3.9	mean	1.4
Menetia greyii	Diurnal	no	Carnivorous	Oviparous	1.4	mean	2.0
Morethia boulengeri	Diurnal	no	Carnivorous	Oviparous	2.9	mean	1.7
Morethia obscura	Diurnal	no	NA	Oviparous	3.0	mean	2.0
Nannoscincus maccoyi	Diurnal	no	Carnivorous	Oviparous	2.9	mean	1.0
Niveoscincus coventryi	Diurnal	no	Carnivorous	Viviparous	2.7	mean	1.0
Niveoscincus greeni	Diurnal	no	Carnivorous	Viviparous	2.6	mean	0.5
Niveoscincus metallicus	Diurnal	no	Carnivorous	Viviparous	3.7	mean	1.0
Niveoscincus microlepidotus	Diurnal	no	Omnivorous	Viviparous	2.5	mean	0.6
Niveoscincus ocellatus	Diurnal	no	Carnivorous	Viviparous	3.1	mean	1.0
Oligosoma maccanni	Diurnal	no	Omnivorous	Viviparous	3.1	mean	1.0
Oligosoma oliveri	Nocturnal	no	Omnivorous	Viviparous	3.3	mean	1.0
Oligosoma otagense	Diurnal	no	Omnivorous	Viviparous	2.3	mean	1.0
Oligosoma whitakeri	Nocturnal	no	Herbivorous	Viviparous	2.0	mean	0.5
Panaspis nimbaensis	Diurnal	no	Carnivorous	Oviparous	2.5	mean	4.5
Plestiodon anthracinus	Diurnal	no	Carnivorous	Oviparous	6.0	midpoint	1.0
Plestiodon copei	Diurnal	no	NA	Viviparous	3.5	mean	1.0
Plestiodon egregius	Diurnal	no	Carnivorous	Oviparous	4.8	mean	1.0
Plestiodon fasciatus	Diurnal	no	Carnivorous	Oviparous	7.5	mean	1.0
Plestiodon inexpectatus	Diurnal	no	Carnivorous	Oviparous	6.0	midpoint	1.0
Plestiodon laticeps	Diurnal	no	Carnivorous	Oviparous	13.7	mean	1.0
Plestiodon lynxe	Diurnal	no	NA	Viviparous	4.3	mean	1.0
Plestiodon multivirgatus	Diurnal	no	Carnivorous	Oviparous	7.8	mean	2.0
Plestiodon obsoletus	Diurnal	no	Carnivorous	Oviparous	12.9	mean	0.7
Plestiodon okadae	Diurnal	no	Carnivorous	Oviparous	7.8	mean	0.7
Plestiodon reynoldsi	Diurnal	yes	Carnivorous	Oviparous	2.0	mean	0.7
Plestiodon septentrionalis	Nocturnal	no	Carnivorous	Oviparous	9.8	mean	1.0
Plestiodon skiltonianus	Diurnal	no	Carnivorous	Oviparous	4.8	mean	1.0
Plestiodon tetragrammus	Diurnal	no	Carnivorous	Oviparous	8.5	mean	0.8
Scincella lateralis	Diurnal	no	Carnivorous	Oviparous	3.0	mean	3.2
Scincus mitranus	Diurnal	yes	Omnivorous	Viviparous	4.9	midpoint	1.0
Scincus scincus	Cathemeral	yes	Omnivorous	Oviparous	3.5	midpoint	1.0
Sphenomorphus fasciatus	Diurnal	no	NA	Oviparous	5.1	mean	1.0
Sphenomorphus indicus	Diurnal	no	Carnivorous	Viviparous	7.3	mean	1.0
Sphenomorphus maculatus	Diurnal	no	Carnivorous	Oviparous	4.5	midpoint	1.0
Sphenomorphus taiwanensis	Diurnal	no	NA	Oviparous	5.2	mean	1.0
Tiliqua nigrolutea	Diurnal	no	Omnivorous	Viviparous	5.4	mean	0.4
Tiliqua occipitalis	Diurnal	no	Omnivorous	Viviparous	5.5	midpoint	0.7

Tiliqua rugosa	Diurnal	no	Herbivorous	Viviparous	1.9	mean	1.0
Tiliqua scincoides	Diurnal	no	Omnivorous	Viviparous	10.0	mean	0.7
Trachylepis affinis	Diurnal	no	Carnivorous	Oviparous	2.7	mean	7.5
Trachylepis aurata	Diurnal	no	Carnivorous	Viviparous	4.0	midpoint	1.0
Trachylepis buettneri	Diurnal	no	Carnivorous	Oviparous	8.7	mean	1.4
Trachylepis maculilabris	Diurnal	no	Carnivorous	Oviparous	5.6	mean	4.9
Trachylepis quinquetaeniata	Diurnal	no	Omnivorous	Oviparous	4.8	mean	2.0
Trachylepis sparsa	Diurnal	no	NA	Viviparous	5.1	mean	1.0
Trachylepis spilogaster	Diurnal	no	Carnivorous	Viviparous	4.9	mean	0.7
Trachylepis striata	Diurnal	no	Carnivorous	Viviparous	5.9	mean	2.4
Trachylepis vittata	Diurnal	no	Carnivorous	Viviparous	3.2	midpoint	1.0
Typhlosaurus gariepensis	Nocturnal	yes	Carnivorous	Viviparous	1.0	mean	1.0
Ameiva ameiva	Diurnal	no	Carnivorous	Oviparous	4.9	mean	3.0
Ameiva exsul	Diurnal	no	Omnivorous	Oviparous	2.6	mean	2.0
Ameiva festiva	Diurnal	no	Carnivorous	Oviparous	2.6	mean	2.8
Ameiva fuscata	Diurnal	no	Omnivorous	Oviparous	4.0	mean	2.4
Ameiva quadrilineata	Diurnal	no	Carnivorous	Oviparous	2.0	mean	2.4
Aspidoscelis burti	Diurnal	no	Carnivorous	Oviparous	4.3	mean	1.4
Aspidoscelis cozumelae	Diurnal	no	Carnivorous	Oviparous	1.8	mean	1.4
Aspidoscelis deppei	Diurnal	no	Carnivorous	Oviparous	2.2	mean	3.5
Aspidoscelis dixoni	Diurnal	no	Carnivorous	Oviparous	3.7	mean	1.0
Aspidoscelis exsanguis	Diurnal	no	Carnivorous	Oviparous	3.4	mean	1.4
Aspidoscelis gularis	Diurnal	no	Carnivorous	Oviparous	3.5	mean	1.7
Aspidoscelis guttatus	Diurnal	no	Carnivorous	Oviparous	4.5	mean	2.0
Aspidoscelis hyperythrus	Diurnal	no	Carnivorous	Oviparous	2.3	mean	1.4
Aspidoscelis inornata	Diurnal	no	Carnivorous	Oviparous	2.6	mean	1.4
Aspidoscelis laredoensis	Diurnal	no	Carnivorous	Oviparous	2.6	mean	1.4
Aspidoscelis lineattissimus	Diurnal	no	Carnivorous	Oviparous	4.4	mean	2.4
Aspidoscelis marmoratus	Diurnal	no	Carnivorous	Oviparous	2.6	mean	1.0
Aspidoscelis neomexicanus	Diurnal	no	Carnivorous	Oviparous	1.9	mean	1.4
Aspidoscelis scalaris	Diurnal	no	Carnivorous	Oviparous	3.3	mean	1.7
Aspidoscelis sexlineata	Diurnal	no	Carnivorous	Oviparous	3.3	mean	1.7
Aspidoscelis sonorae	Diurnal	no	Carnivorous	Oviparous	3.9	mean	2.4
Aspidoscelis tesselatus	Diurnal	no	Carnivorous	Oviparous	3.4	mean	1.4
Aspidoscelis tigris	Diurnal	no	Carnivorous	Oviparous	2.3	mean	1.7
Aspidoscelis uniparens	Diurnal	no	Carnivorous	Oviparous	3.2	mean	1.7
Aspidoscelis velox	Diurnal	no	Carnivorous	Oviparous	4.0	mean	1.0
Cnemidophorus cryptus	Diurnal	no	Carnivorous	Oviparous	1.4	midpoint	2.0
Cnemidophorus lacertoides	Diurnal	no	Carnivorous	Oviparous	3.8	mean	1.0
Cnemidophorus lemniscatus	Diurnal	no	Omnivorous	Oviparous	2.1	mean	2.0
Cnemidophorus ocellifer	Diurnal	no	Carnivorous	Oviparous	2.1	mean	3.9
Cnemidophorus vacariensis	Diurnal	no	Carnivorous	Oviparous	4.1	mean	2.0
Kentropyx calcarata	Diurnal	no	Carnivorous	Oviparous	4.2	mean	1.0
Kentropyx pelviceps	Diurnal	no	Carnivorous	Oviparous	5.0	mean	1.4
Kentropyx striata	Diurnal	no	Carnivorous	Oviparous	4.8	mean	2.0
Teius oculatus	Diurnal	no	Carnivorous	Oviparous	4.0	midpoint	1.0
Teius teyou	Diurnal	no	Omnivorous	Oviparous	4.8	mean	1.0
Tupinambis teguixin	Diurnal	no	Omnivorous	Oviparous	7.3	mean	1.0
Trogonophis wiegmanni	Cathemeral	yes	Carnivorous	Viviparous	5.0	mean	0.5
Leiocephalus psammodromus	Diurnal	no	Omnivorous	Oviparous	1.7	mean	1.4
Plica plica	Diurnal	no	Carnivorous	Oviparous	2.4	mean	2.0
Plica umbra	Diurnal	no	Carnivorous	Oviparous	2.0	mean	1.4
Stenocercus chrysopygus	Diurnal	no	NA	Oviparous	5.5	midpoint	1.0
Stenocercus dumerilii	Diurnal	no	Carnivorous	Oviparous	3.5	midpoint	1.0
Tropidurus etheridgei	Diurnal	no	Carnivorous	Oviparous	5.5	mean	2.0
Tropidurus semitaeniatus	Diurnal	no	Omnivorous	Oviparous	2.0	mean	3.5
Tropidurus spinulosus	Diurnal	no	Carnivorous	Oviparous	4.8	mean	1.4
Tropidurus torquatus	Diurnal	no	Omnivorous	Oviparous	3.9	mean	1.7
Uracentron flaviceps	Diurnal	no	Carnivorous	Oviparous	2.0	mean	1.4

Varanus acanthurus	Diurnal	no	Carnivorous	Oviparous	9.1	mean	1.0
Varanus albigularis	Diurnal	no	Carnivorous	Oviparous	31.0	mean	1.0
Varanus bengalensis	Diurnal	no	Carnivorous	Oviparous	20.2	mean	1.0
Varanus caudolineatus	Diurnal	no	Carnivorous	Oviparous	3.7	mean	1.0
Varanus cumingi	Diurnal	no	Carnivorous	Oviparous	4.9	midpoint	1.7
Varanus flavescens	Diurnal	no	Carnivorous	Oviparous	11.7	mean	1.0
Varanus giganteus	Diurnal	no	Carnivorous	Oviparous	9.0	mean	1.0
Varanus gouldii	Diurnal	no	Carnivorous	Oviparous	6.5	mean	1.0
Varanus griseus	Diurnal	no	Carnivorous	Oviparous	14.8	mean	0.6
Varanus komodoensis	Diurnal	no	Carnivorous	Oviparous	20.1	mean	1.2
Varanus mertensi	Diurnal	no	Carnivorous	Oviparous	9.3	mean	1.0
Varanus niloticus	Diurnal	no	Carnivorous	Oviparous	23.1	mean	1.0
Varanus olivaceus	Diurnal	no	Herbivorous	Oviparous	6.9	mean	1.0
Varanus rudicollis	Diurnal	no	Carnivorous	Oviparous	9.1	mean	1.7
Varanus salvator	Diurnal	no	Carnivorous	Oviparous	12.3	mean	2.0
Varanus scalaris	Diurnal	no	Carnivorous	Oviparous	5.5	mean	1.0
Varanus spenceri	Diurnal	no	Carnivorous	Oviparous	18.2	mean	1.0
Varanus tristis	Diurnal	no	Carnivorous	Oviparous	9.0	mean	1.0
Varanus varius	Diurnal	no	Carnivorous	Oviparous	7.2	mean	1.7
Xantusia arizonae	Cathemeral	no	Carnivorous	Viviparous	1.6	mean	1.0
Xantusia henshawi	Cathemeral	no	Carnivorous	Viviparous	1.8	mean	1.0
Xantusia riversiana	Cathemeral	no	Omnivorous	Viviparous	4.3	mean	0.7
Xantusia vigilis	Cathemeral	no	Carnivorous	Viviparous	1.8	mean	1.0
Xenosaurus grandis	Diurnal	no	Carnivorous	Viviparous	5.4	mean	0.4

species	foraging	IUCN Category
Acanthocercus atricollis	Sit and Wait	LC
Agama agama	Sit and Wait	NE
Agama impalearis	Sit and Wait	NE
Aphaniotis acutirostris	NA	NE
Calotes mystaceus	NA	NE
Calotes nemoricola	NA	NE
Calotes nigrilabris	Sit and Wait	NE
Calotes versicolor	Sit and Wait	NE
Chlamydosaurus kingii	Sit and Wait	LC
Ctenophorus fordi	Sit and Wait	NE
Ctenophorus isolepis	Sit and Wait	NE
Ctenophorus maculosus	NA	LC
Ctenophorus nuchalis	Sit and Wait	LC
Ctenophorus ornatus	Sit and Wait	LC
Draco volans	Sit and Wait	NE
Gonocephalus bellii	NA	NE
Gonocephalus bornensis	NA	NE
Gonocephalus chamaeleontinus	NA	NE
Gonocephalus grandis	NA	LC
Japalura kumaonensis	Sit and Wait	NE
Japalura swinhonis	Sit and Wait	NE
Laudakia caucasia	NA	NE
Laudakia stellio	Sit and Wait	NE
Lophognathus longirostris	Sit and Wait	NE
Moloch horridus	Sit and Wait	NE
Phrynocephalus guttatus	NA	NE
Phrynocephalus helioscopus	NA	LC
Phrynocephalus mystaceus	Sit and Wait	NE
Phrynocephalus theobaldi	Sit and Wait	LC
Phrynocephalus versicolor	NA	LC
Physignathus cocincinus	NA	NE
Physignathus lesueurii	NA	NE
Pogona barbata	NA	LC
Sitana fusca	Sit and Wait	NE
Sitana ponticeriana	NA	LC
Sitana sivalensis	NA	NE
Trapelus mutabilis	Sit and Wait	NE
Trapelus ruderatus	Sit and Wait	LC
Trapelus sanguinolentus	mixed	NE
Uromastyx acanthinura	NA	NE
Uromastyx aegyptia	NA	NE
Uromastyx ornata	NA	NE
Amphisbaena kingii	NA	NE
Anguis fragilis	NA	LC
Barisia herrerae	NA	EN
Barisia imbricata	Active Foraging	LC
Elgaria coerulea	Sit and Wait	LC
Elgaria multicarinata	Sit and Wait	LC
Gerrhonotus infernalis	Active Foraging	LC
Mesaspis gadovii	NA	LC
Mesaspis juarezi	Active Foraging	EN
Mesaspis monticola	Sit and Wait	LC
Ophiodes striatus	NA	NE
Ophisaurus attenuatus	NA	LC
Ophisaurus compressus	NA	LC

Ophisaurus gracilis	NA	NE
Ophisaurus ventralis	NA	LC
Pseudopus apodus	NA	NE
Anniella pulchra	NA	LC
Bipes biporus	NA	LC
Bipes canaliculatus	NA	LC
Bipes tridactylus	NA	LC
Blanus mettetali	NA	LC
Bradypodion pumilum	mixed	NE
Bradypodion ventrale	NA	LC
Chamaeleo calyptratus	NA	NE
Chamaeleo chamaeleon	Sit and Wait	NE
Chamaeleo dilepis	Sit and Wait	NE
Chamaeleo namaquensis	Active Foraging	NE
Furcifer labordi	NA	VU
Rhampholeon marshalli	NA	VU
Trioceros ellioti	NA	NE
Trioceros hoehnelii	NA	NE
Trioceros jacksonii	NA	NE
Trioceros quadricornis	NA	NE
Cordylus capensis	NA	NE
Cordylus giganteus	Sit and Wait	VU
Cordylus melanotus	Sit and Wait	NE
Basiliscus basiliscus	Sit and Wait	NE
Basiliscus vittatus	Sit and Wait	NE
Crotaphytus collaris	Sit and Wait	LC
Crotaphytus grismeri	NA	LC
Crotaphytus reticulatus	mixed	VU
Gambelia sila	mixed	EN
Gambelia wislizenii	Sit and Wait	LC
Aeluroscalabotes felinus	Sit and Wait	NE
Alsophylax laevis	NA	NE
Alsophylax loricatus	NA	NE
Alsophylax pipiens	NA	LC
Alsophylax szczerbaki	NA	NE
Aristelliger georgeensis	NA	NE
Aristelliger praesignis	NA	NE
Chondrodactylus angulifer	mixed	LC
Christinus marmoratus	NA	NE
Cnemaspis kandiana	NA	LC
Coleonyx brevis	Active Foraging	LC
Coleonyx elegans	NA	NE
Coleonyx reticulatus	NA	LC
Coleonyx variegatus	mixed	LC
Crenadactylus ocellatus	NA	NE
Crossobamon eversmanni	NA	NE
Cyrtodactylus peguensis	NA	NE
Cyrtopodion caspium	NA	NE
Cyrtopodion fedtschenkoi	NA	NE
Diplodactylus tessellatus	Sit and Wait	NE
Eublepharis macularius	Sit and Wait	NE
Eublepharis turcmenicus	NA	LC
Geckonia chazaliae	Active Foraging	NE
Gehyra variegata	Sit and Wait	NE
Gekko gecko	Active Foraging	NE
Gekko hokouensis	NA	LC
Gonatodes albogularis	NA	NE
Goniurosaurus araneus	Active Foraging	NE
Gymnodactylus geckoides	mixed	NE

Hemidactylus bowringii	NA	NE
Hemidactylus brookii	Sit and Wait	NE
Hemidactylus flaviviridis	Active Foraging	NE
Hemidactylus frenatus	NA	LC
Hemidactylus mabouia	mixed	NE
Hemidactylus maculatus	NA	NE
Hemidactylus turcicus	mixed	LC
Heteronotia binoei	mixed	NE
Homonota darwinii	NA	NE
Homonota fasciata	NA	LC
Hoplodactylus maculatus	NA	NE
Lepidodactylus lugubris	Sit and Wait	NE
Lucasium damaeum	Active Foraging	NE
Lygodactylus klugei	Sit and Wait	NE
Mediodactylus kotschyi	NA	LC
Mediodactylus russowii	NA	LC
Naultinus gemmeus	NA	NT
Naultinus manukanus	NA	NE
Oedura castelnaui	NA	NE
Oedura lesueurii	NA	NE
Oedura monilis	NA	NE
Oedura reticulata	Sit and Wait	NE
Oedura tryoni	Sit and Wait	NE
Phelsuma dubia	NA	NE
Phyllodactylus lanei	NA	LC
Phyllopezus pollicaris	Sit and Wait	NE
Phyllurus platurus	NA	NE
Pristurus rupestris	Sit and Wait	LC
Ptenopus garrulus	mixed	NE
Ptyodactylus guttatus	Sit and Wait	NE
Ptyodactylus oudrii	NA	LC
Ptyodactylus ragazzii	Sit and Wait	NE
Quedenfeldtia trachyblepharus	Sit and Wait	NT
Rhacodactylus auriculatus	NA	LC
Saltuarius cornutus	Sit and Wait	LC
Sphaerodactylus cinereus	NA	NE
Sphaerodactylus elegans	NA	NE
Sphaerodactylus pimienta	NA	EN
Sphaerodactylus roosevelti	NA	NE
Sphaerodactylus savagei	NA	LC
Stenodactylus doriae	mixed	NE
Strophurus ciliaris	Sit and Wait	LC
Strophurus elderi	Sit and Wait	NE
Strophurus intermedius	NA	NE
Tarentola angustimentalis	Sit and Wait	LC
Tarentola annularis	mixed	NE
Tarentola boettgeri	Sit and Wait	LC
Tarentola deserti	Active Foraging	LC
Tarentola mauritanica	mixed	LC
Teratoscincus scincus	mixed	NE
Gerrhosaurus skoogi	NA	LC
Cercosaura schreibersii	Active Foraging	LC
Gymnophthalmus speciosus	NA	NE
Leposoma rugiceps	NA	LC
Potamites ecpleopus	Active Foraging	NE
Heloderma horridum	Active Foraging	LC
Heloderma suspectum	Active Foraging	NT
Amblyrhynchus cristatus	NA	VU
Brachylophus fasciatus	NA	EN

Conolophus pallidus	NA	VU
Conolophus subcristatus	NA	VU
Ctenosaura pectinata	NA	NE
Ctenosaura similis	Sit and Wait	LC
Cyclura carinata	NA	CR
Cyclura cornuta	NA	VU
Cyclura cychlura	NA	VU
Cyclura nubila	NA	VU
Cyclura pinguis	NA	CR
Dipsosaurus dorsalis	Sit and Wait	LC
Iguana iguana	NA	NE
Sauromalus ater	NA	LC
Sauromalus hispidus	NA	NT
Sauromalus obesus	Sit and Wait	NE
Sauromalus varius	NA	NE
Acanthodactylus erythrurus	NA	LC
Acanthodactylus pardalis	Sit and Wait	VU
Acanthodactylus scutellatus	mixed	NE
Acanthodactylus spinicauda	NA	CR
Algyroides marchi	NA	EN
Algyroides moreoticus	NA	NT
Algyroides nigropunctatus	NA	LC
Atlantolacerta andreanskyi	Active Foraging	NT
Dalmatolacerta oxycephala	NA	LC
Darevskia chlorogaster	NA	LC
Darevskia derjugini	NA	NT
Darevskia parvula	NA	LC
Darevskia portschinskii	NA	LC
Darevskia praticola	NA	NT
Darevskia raddei	NA	LC
Darevskia rostombekovi	NA	EN
Darevskia rudis	NA	LC
Darevskia saxicola	NA	LC
Darevskia unisexualis	NA	NT
Darevskia valentini	NA	LC
Dinarolacerta mosorensis	NA	VU
Eremias arguta	Active Foraging	NE
Eremias grammica	NA	NE
Eremias intermedia	NA	NE
Eremias lineolata	NA	NE
Eremias nigrocellata	NA	NE
Eremias nikolskii	NA	NE
Eremias persica	Active Foraging	NE
Eremias pleskei	NA	CR
Eremias regeli	NA	NE
Eremias strauchi	NA	LC
Eremias velox	NA	NE
Gallotia atlantica	Sit and Wait	LC
Gallotia bravoana	NA	NE
Gallotia caesaris	Active Foraging	LC
Gallotia galloti	NA	LC
Gallotia simonyi	NA	CR
Gallotia stehlini	NA	LC
Heliobolus lugubris	Active Foraging	NE
Hellenolacerta graeca	NA	NT
Iberolacerta aranica	NA	EN
Iberolacerta aurelioi	NA	EN
Iberolacerta bonnali	NA	NT
Iberolacerta cyreni	Active Foraging	EN

Iberolacerta horvathi	Active Foraging	NT
Iberolacerta monticola	Active Foraging	VU
Ichnotropis squamulosa	mixed	NE
Lacerta agilis	NA	LC
Lacerta schreiberi	NA	NT
Lacerta strigata	NA	LC
Lacerta trilineata	NA	LC
Lacerta viridis	Sit and Wait	LC
Meroles anchietae	mixed	NE
Meroles cuneirostris	Active Foraging	NE
Meroles suborbitalis	Sit and Wait	NE
Mesalina guttulata	Sit and Wait	NE
Mesalina olivieri	Active Foraging	NE
Mesalina pasteuri	NA	NE
Mesalina rubropunctata	NA	NE
Nucras lalandii	Active Foraging	NE
Nucras taeniolata	Active Foraging	NE
Nucras tessellata	Active Foraging	NE
Ophisops elegans	Active Foraging	NE
Parvilacerta parva	NA	LC
Pedioplanis burchelli	Sit and Wait	NE
Pedioplanis namaquensis	Active Foraging	NE
Phoenicolacerta laevis	NA	LC
Phoenicolacerta troodica	NA	LC
Podarcis bocagei	NA	LC
Podarcis carbonelli	Active Foraging	EN
Podarcis erhardii	NA	LC
Podarcis filfolensis	NA	LC
Podarcis gaigeae	Active Foraging	VU
Podarcis hispanicus	Active Foraging	LC
Podarcis lilfordi	Active Foraging	EN
Podarcis liolepis	NA	NE
Podarcis melisellensis	Active Foraging	LC
Podarcis milensis	NA	VU
Podarcis muralis	NA	LC
Podarcis peloponnesiacus	NA	LC
Podarcis pityusensis	NA	NT
Podarcis siculus	NA	LC
Podarcis tauricus	Active Foraging	LC
Podarcis waglerianus	NA	LC
Psammodromus algirus	NA	LC
Psammodromus blanci	Active Foraging	NT
Psammodromus hispanicus	NA	LC
Scelarcis perspicillata	NA	LC
Takydromus amurensis	NA	NE
Takydromus septentrionalis	NA	NE
Takydromus sexlineatus	NA	LC
Takydromus tachydromoides	NA	NE
Takydromus wolteri	NA	NE
Teira dugesii	Active Foraging	LC
Timon lepidus	NA	NT
Timon pater	NA	LC
Zootoca vivipara	Sit and Wait	LC
Liolaemus andinus	Sit and Wait	NE
Liolaemus bibronii	NA	NE
Liolaemus boulengeri	NA	NE
Liolaemus elongatus	NA	NE
Liolaemus huacahuasicus	NA	VU
Liolaemus koslowskyi	NA	NE

Liolaemus lineomaculatus	NA	NE
Liolaemus lutzae	NA	VU
Liolaemus pictus	NA	NE
Liolaemus scolaroi	NA	NE
Liolaemus signifer	NA	LC
Liolaemus wiegmannii	NA	NE
Phymaturus patagonicus	NA	NE
Phymaturus punae	NA	NE
Phymaturus zapalensis	NA	NE
Callisaurus draconoides	Sit and Wait	LC
Cophosaurus texanus	Sit and Wait	LC
Holbrookia lacerata	NA	NT
Holbrookia maculata	Sit and Wait	LC
Holbrookia propinqua	Sit and Wait	LC
Phrynosoma blainvillii	Active Foraging	NE
Phrynosoma cornutum	Sit and Wait	LC
Phrynosoma coronatum	mixed	LC
Phrynosoma ditmarsi	NA	NE
Phrynosoma douglassii	Sit and Wait	LC
Phrynosoma hernandesi	Sit and Wait	LC
Phrynosoma mcallii	Sit and Wait	NT
Phrynosoma modestum	Sit and Wait	LC
Phrynosoma platyrhinos	Sit and Wait	LC
Phrynosoma solare	Sit and Wait	LC
Sceloporus aeneus	NA	LC
Sceloporus arenicolus	NA	VU
Sceloporus clarkii	Sit and Wait	LC
Sceloporus consobrinus	Sit and Wait	NE
Sceloporus cozumelae	Sit and Wait	LC
Sceloporus cyanogenys	Sit and Wait	NE
Sceloporus formosus	NA	LC
Sceloporus gadoviae	NA	LC
Sceloporus graciosus	Sit and Wait	LC
Sceloporus grammicus	NA	LC
Sceloporus horridus	NA	LC
Sceloporus jarrovii	Sit and Wait	LC
Sceloporus magister	Sit and Wait	LC
Sceloporus malachiticus	Sit and Wait	NE
Sceloporus merriami	Sit and Wait	LC
Sceloporus mucronatus	NA	LC
Sceloporus occidentalis	Sit and Wait	LC
Sceloporus olivaceus	mixed	LC
Sceloporus omiltemanus	NA	NE
Sceloporus orcutti	Sit and Wait	LC
Sceloporus poinsettii	Sit and Wait	LC
Sceloporus scalaris	Sit and Wait	LC
Sceloporus serrifer	Sit and Wait	LC
Sceloporus slevini	NA	LC
Sceloporus torquatus	NA	LC
Sceloporus undulatus	Sit and Wait	LC
Sceloporus utiformis	NA	LC
Sceloporus variabilis	Sit and Wait	NE
Sceloporus virgatus	Sit and Wait	LC
Sceloporus woodi	NA	NT
Uma exsul	Active Foraging	EN
Uma notata	Sit and Wait	NT
Urosaurus bicarinatus	NA	LC
Urosaurus graciosus	Sit and Wait	LC
Urosaurus ornatus	Sit and Wait	LC

Uta stansburiana	Sit and Wait	LC
Anolis acutus	Sit and Wait	NE
Anolis argenteolus	NA	NE
Anolis bahorucoensis	NA	NE
Anolis carolinensis	Sit and Wait	LC
Anolis cupreus	Sit and Wait	NE
Anolis intermedius	NA	NE
Anolis limifrons	Sit and Wait	NE
Anolis lineatopus	NA	NE
Anolis lionotus	Sit and Wait	LC
Anolis lucius	NA	NE
Anolis nebulosus	mixed	LC
Anolis opalinus	NA	NE
Anolis polylepis	Sit and Wait	NE
Anolis roquet	NA	NE
Anolis sabanus	NA	NE
Anolis sagrei	Sit and Wait	NE
Anolis tropidolepis	Sit and Wait	NE
Anolis valencienni	Active Foraging	NE
Polychrus acutirostris	Sit and Wait	NE
Aprasia pulchella	NA	NE
Aprasia repens	NA	NE
Lialis burtonis	Sit and Wait	NE
Ablepharus kitaibelii	NA	LC
Acontias kgalagadi	NA	LC
Afroablepharus wahlbergi	Active Foraging	NE
Asymblepharus sikimmensis	Active Foraging	NE
Bassiana duperreyi	NA	NE
Carlia longipes	Active Foraging	NE
Carlia rhomboidalis	Active Foraging	NE
Carlia rostralis	Active Foraging	NE
Carlia rubrigularis	Active Foraging	LC
Carlia tetradactyla	NA	LC
Chalcides bedriagai	NA	NT
Chalcides chalcides	NA	LC
Chalcides ocellatus	Active Foraging	LC
Chalcides sepsoides	NA	LC
Chalcides viridanus	NA	LC
Ctenotus brooksi	Active Foraging	NE
Ctenotus pantherinus	Active Foraging	NE
Ctenotus taeniolatus	Active Foraging	NE
Cyclodomorphus celatus	NA	LC
Cyclodomorphus melanops	NA	NE
Dasia olivacea	Active Foraging	LC
Egernia cunninghami	NA	NE
Egernia kingii	NA	LC
Egernia stokesii	NA	NE
Egernia striolata	Sit and Wait	NE
Emoia atrocostata	Active Foraging	NE
Emoia cyanura	Active Foraging	NE
Emoia nigra	Active Foraging	NE
Eremiascincus richardsonii	Active Foraging	NE
Eulamprus brachyosoma	Active Foraging	NE
Eulamprus quoyii	Active Foraging	NE
Eulamprus tympanum	NA	NE
Eumeces schneideri	Active Foraging	NE
Eutropis carinata	Active Foraging	LC
Eutropis longicaudata	Active Foraging	NE
Eutropis multifasciata	NA	NE

Hemiergis peronii	NA	NE
Lamprolepis smaragdina	NA	NE
Lampropholis delicata	Sit and Wait	NE
Lampropholis guichenoti	Active Foraging	NE
Lerista borealis	NA	NE
Lerista bougainvillii	NA	NE
Lerista punctatovittata	Active Foraging	NE
Lerista xanthura	Active Foraging	NE
Liopholis inornata	mixed	LC
Liopholis kintorei	NA	VU
Liopholis modesta	NA	NE
Liopholis striata	Active Foraging	LC
Liopholis whitii	NA	LC
Lissolepis coventryi	NA	NE
Lobulia alpina	NA	NE
Mabuya agilis	NA	NE
Mabuya bistriata	Active Foraging	LC
Mabuya frenata	mixed	NE
Mabuya heathi	mixed	NE
Mabuya mabouya	Active Foraging	NE
Mabuya nigropunctata	Active Foraging	NE
Mabuya unimarginata	Active Foraging	NE
Menetia greyii	Active Foraging	NE
Morethia boulengeri	Active Foraging	LC
Morethia obscura	NA	NE
Nannoscincus maccoyi	Active Foraging	NE
Niveoscincus coventryi	Active Foraging	NE
Niveoscincus greeni	NA	NE
Niveoscincus metallicus	NA	NE
Niveoscincus microlepidotus	NA	NE
Niveoscincus ocellatus	NA	NE
Oligosoma maccanni	Active Foraging	NE
Oligosoma oliveri	NA	NT
Oligosoma otagense	NA	EN
Oligosoma whitakeri	NA	VU
Panaspis nimbaensis	NA	NE
Plestiodon anthracinus	NA	LC
Plestiodon copei	NA	LC
Plestiodon egregius	NA	LC
Plestiodon fasciatus	Active Foraging	LC
Plestiodon inexpectatus	NA	LC
Plestiodon laticeps	Active Foraging	LC
Plestiodon lynxe	NA	LC
Plestiodon multivirgatus	NA	LC
Plestiodon obsoletus	NA	LC
Plestiodon okadae	NA	NE
Plestiodon reynoldsi	NA	VU
Plestiodon septentrionalis	NA	LC
Plestiodon skiltonianus	NA	LC
Plestiodon tetragrammus	Active Foraging	LC
Scincella lateralis	Active Foraging	LC
Scincus mitranus	Active Foraging	NE
Scincus scincus	Active Foraging	NE
Sphenomorphus fasciatus	NA	LC
Sphenomorphus indicus	NA	NE
Sphenomorphus maculatus	NA	NE
Sphenomorphus taiwanensis	Active Foraging	NE
Tiliqua nigrolutea	NA	NE
Tiliqua occipitalis	Active Foraging	NE

Tiliqua rugosa	Active Foraging	NE
Tiliqua scincoides	NA	NE
Trachylepis affinis	NA	NE
Trachylepis aurata	NA	LC
Trachylepis buettneri	NA	NE
Trachylepis maculilabris	NA	NE
Trachylepis quinquetaeniata	Active Foraging	NE
Trachylepis sparsa	Active Foraging	NE
Trachylepis spilogaster	Active Foraging	NE
Trachylepis striata	mixed	NE
Trachylepis vittata	Sit and Wait	LC
Typhlosaurus gariepensis	NA	NE
Ameiva ameiva	Active Foraging	NE
Ameiva exsul	Active Foraging	NE
Ameiva festiva	Active Foraging	NE
Ameiva fuscata	Active Foraging	NE
Ameiva quadrilineata	Active Foraging	LC
Aspidoscelis burti	Active Foraging	LC
Aspidoscelis cozumelae	NA	LC
Aspidoscelis deppei	Active Foraging	LC
Aspidoscelis dixoni	Active Foraging	NT
Aspidoscelis exsanguis	Active Foraging	LC
Aspidoscelis gularis	Active Foraging	LC
Aspidoscelis guttatus	Active Foraging	LC
Aspidoscelis hyperythrus	Active Foraging	LC
Aspidoscelis inornata	Active Foraging	LC
Aspidoscelis laredoensis	NA	LC
Aspidoscelis lineattissimus	Active Foraging	LC
Aspidoscelis marmoratus	Active Foraging	NE
Aspidoscelis neomexicanus	Active Foraging	LC
Aspidoscelis scalaris	NA	NE
Aspidoscelis sexlineata	Active Foraging	LC
Aspidoscelis sonorae	Active Foraging	LC
Aspidoscelis tesselatus	Active Foraging	LC
Aspidoscelis tigris	Active Foraging	LC
Aspidoscelis uniparens	Active Foraging	LC
Aspidoscelis velox	Active Foraging	LC
Cnemidophorus cryptus	Active Foraging	NE
Cnemidophorus lacertoides	Active Foraging	NE
Cnemidophorus lemniscatus	Active Foraging	NE
Cnemidophorus ocellifer	Active Foraging	NE
Cnemidophorus vacariensis	NA	NE
Kentropyx calcarata	Active Foraging	NE
Kentropyx pelviceps	Active Foraging	NE
Kentropyx striata	Active Foraging	NE
Teius oculatus	Active Foraging	NE
Teius teyou	Active Foraging	NE
Tupinambis teguixin	Active Foraging	NE
Trogonophis wiegmanni	NA	LC
Leiocephalus psammodromus	NA	NE
Plica plica	Sit and Wait	NE
Plica umbra	Sit and Wait	NE
Stenocercus chrysopygus	NA	NE
Stenocercus dumerilii	NA	NE
Tropidurus etheridgei	Sit and Wait	NE
Tropidurus semitaeniatus	Sit and Wait	LC
Tropidurus spinulosus	Sit and Wait	NE
Tropidurus torquatus	Sit and Wait	LC
Uracentron flaviceps	Sit and Wait	NE

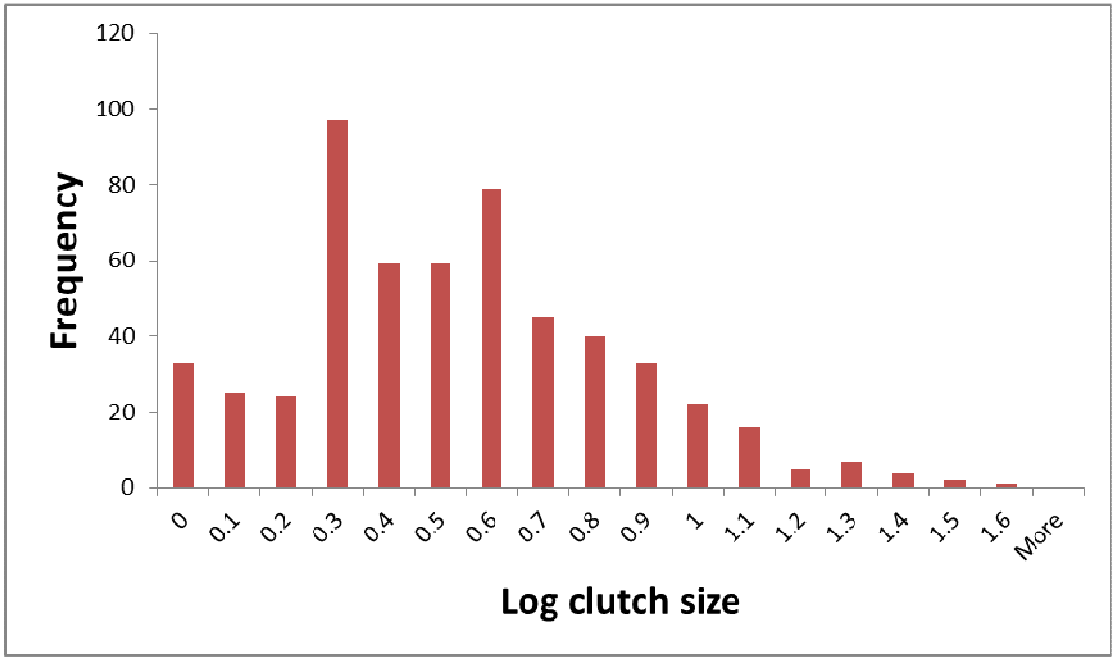
Varanus acanthurus	Sit and Wait	NE
Varanus albigularis	Active Foraging	NE
Varanus bengalensis	Active Foraging	LC
Varanus caudolineatus	Active Foraging	NE
Varanus cumingi	NA	LC
Varanus flavescens	Active Foraging	LC
Varanus giganteus	Active Foraging	NE
Varanus gouldii	Active Foraging	NE
Varanus griseus	Active Foraging	NE
Varanus komodoensis	mixed	VU
Varanus mertensi	Active Foraging	NE
Varanus niloticus	Active Foraging	NE
Varanus olivaceus	NA	VU
Varanus rudicollis	Active Foraging	NE
Varanus salvator	Active Foraging	LC
Varanus scalaris	mixed	LC
Varanus spenceri	Active Foraging	NE
Varanus tristis	Active Foraging	NE
Varanus varius	Active Foraging	NE
Xantusia arizonae	NA	LC
Xantusia henshawi	Sit and Wait	LC
Xantusia riversiana	Sit and Wait	LC
Xantusia vigilis	Sit and Wait	LC
Xenosaurus grandis	NA	VU

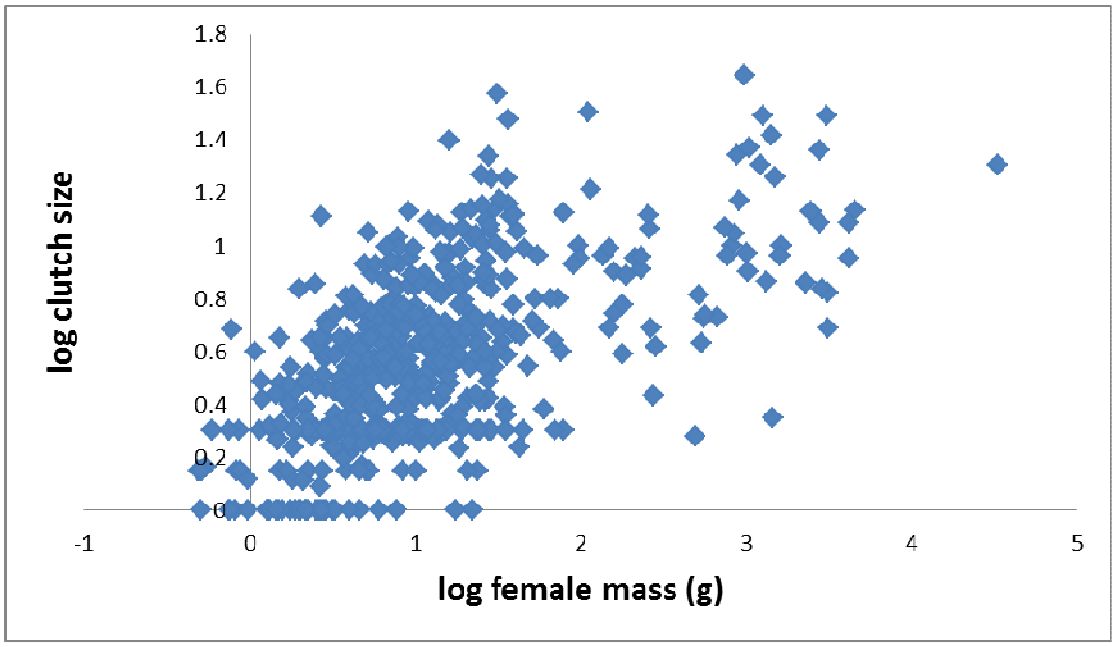
- SVL is snout vent length (in mm)
- Productivity is the mass (in grams) of offspring produced annually
- Specific productivity is yearly productivity divided by female mass
- insular: whether as species is endemic to islands
- environmental temperature is the median value of mean annual temperatures in grid cells occupied by a species
- NPP is the mean value of annual Net Primary Productivity in grid cells occupied by a species
- threatened (IUCN): species which IUCN lists as either critically endangered, endangered or vulnerable are considered threatened. Least concerned and near thretened ones are considered non-threatened, data deficient and species not assesses are excluded
- SVL calculated as: mean is the geometric mean of the highest and lowest reported average values. Midpoint is the geometric mean of maximum and minimum female SVL, "species" means that data were recorded for unsexed specimens
- If hatchling SVL data were unavailable but hatchling mass data were we used the latter
- When hutchling SVL is listed as "nodata" actual mass measurements were used rather than estimates dervived from SVL
- Clutch size is calculated as: mean is the geometric mean of the highest and lowest reported average values. Midpoint is the geometric mean of maximum and minimum clutch sizes
- brood frequency is calculated as the geometric mean of the highest and lowest reported values
- mass allometry of: which allometric equations (all OLS from Meiri, 2010) were used to convert SVL to mass
- Intercept and Slope are the intercept and slope of these allometries
- NA: non-applicable (no data)

Appendix S3 effects of Family on reproductive allometry
A. allometric components

We compare models with and without family as a factor. For all variables analyzed "model" includes (log 10 of) mass as a single predictor, "model1" includes family (e.g., Lacertidae, Scincidae) as an additional predictor, but without mass:family interaction (mass+Family), and "model2" includes mass, family and their interaction (mass*Family, i.e. the slope of the relationship with mass can vary between different families). All response variable data are log transformed.
Models are compared with both an ANOVA test and using AIC scores.

Log clutch size allometry





```
model<-lm(log10(clutch)~size)
model1<-lm(log10(clutch)~size+Family)
model2<-lm(log10(clutch)~size*Family)

anova(model,model1,model2)
```

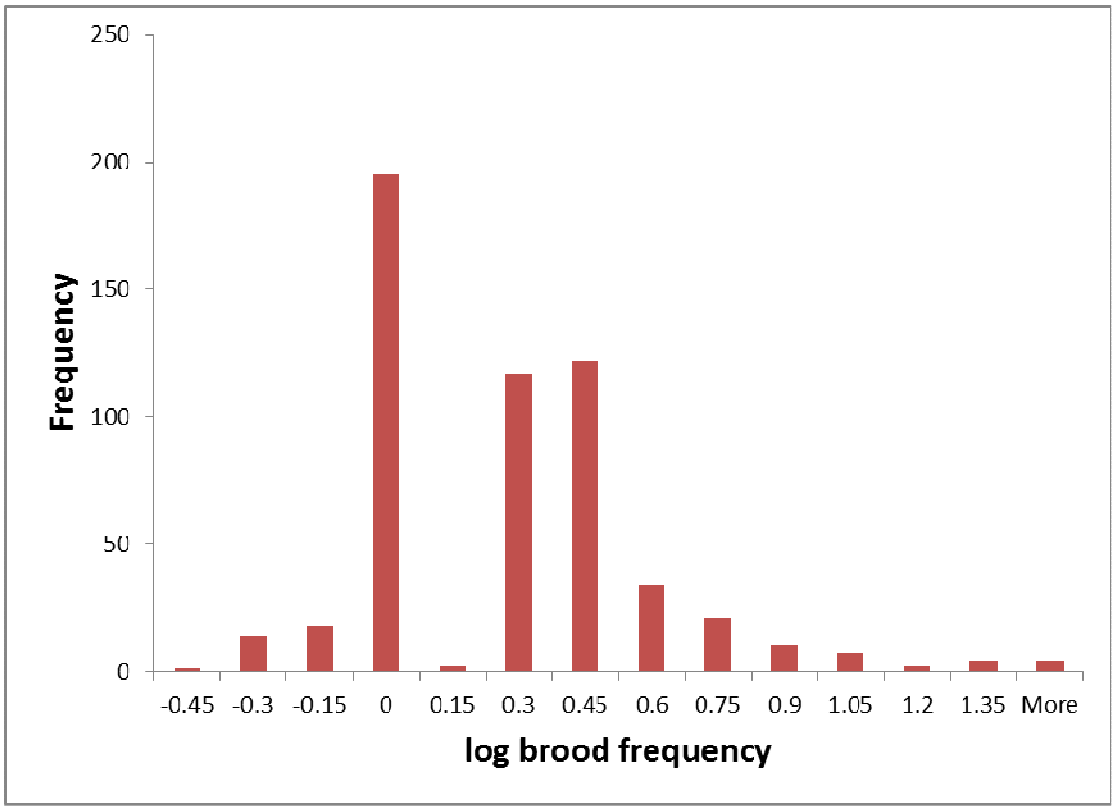
	Residual Df	RSS	Df	Sum of squares	F	p
1	549	36.782				
2	501	18.376	26	18.4062	22.365	<0.0001
3	481	15.922	20	2.4542	3.8765	<0.0001

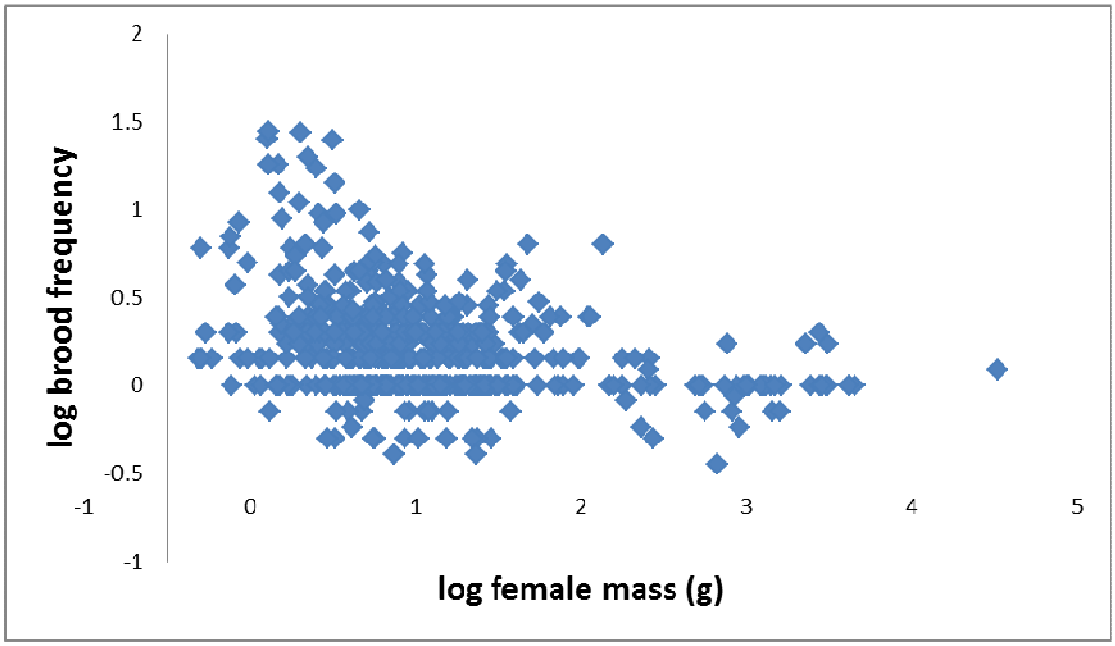
```
AIC(model,model1,model2)
```

	df	AIC
model	3	78.27
model1	29	-252.1
model2	49	-291.1

model : R-squared: 0.362
model 1: Multiple R-squared: 0.681
model 2: Multiple R-squared: 0.724

Log brood frequency allometry





```
model<-lm(log10(brood_frequency)~size)
model1<-lm(log10(brood_frequency)~size+Family)
model2<-lm(log10(brood_frequency)~size*Family)

anova(model,model1,model2)
```

Analysis of Variance Table

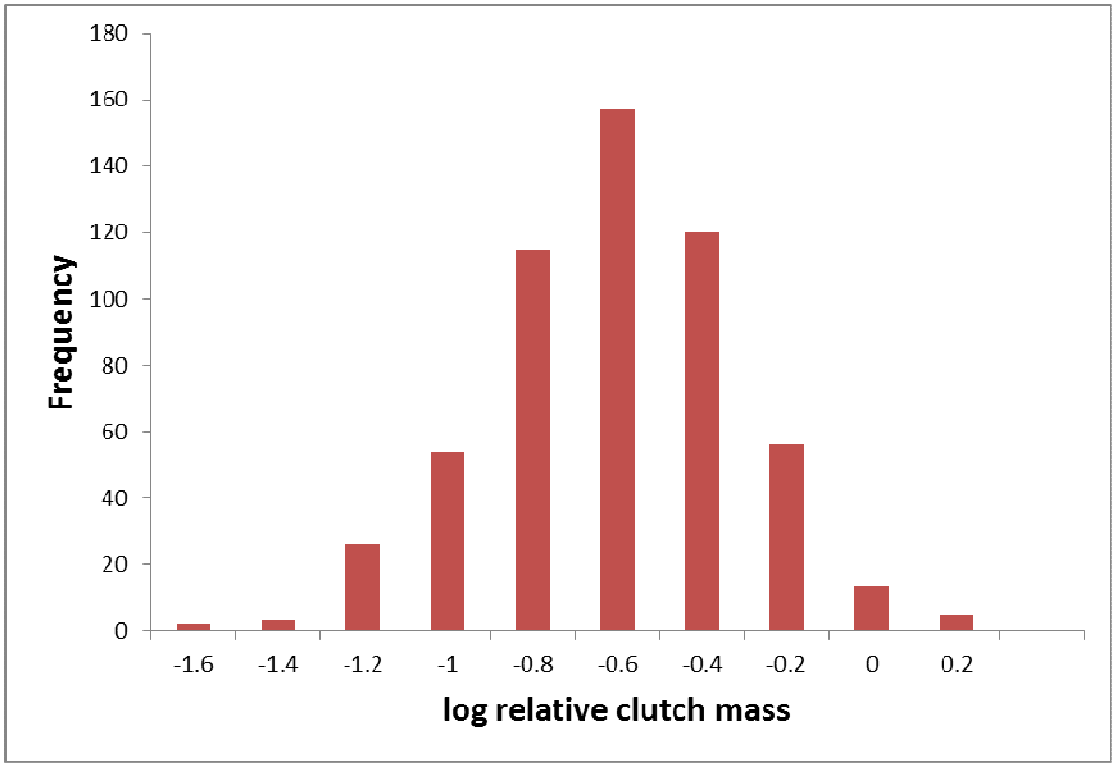
	Residual Df	RSS	Df	Sum of squares	F	p
1	549	39.868				
2	523	21.331	26	18.5362	18.559	<0.0001
3	503	19.323	20	2.0088	2.6146	0.0002

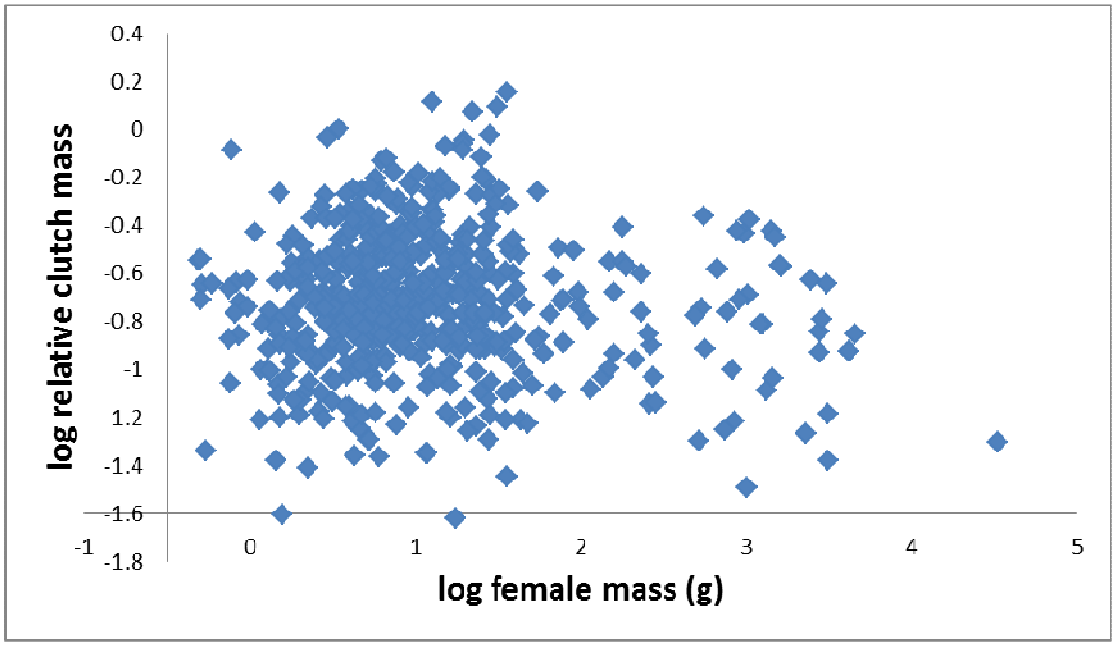
```
AIC(model,model1,model2)
```

	df	AIC
model	3	122.65
model1	29	-169.9
model2	49	-184.4

model : R-squared: 0.109
model 1: Multiple R-squared: 0.523
model 2: Multiple R-squared: 0.568

Relative clutch mass





```
model<-lm(log10(rcm)~size)
model1<-lm(log10(rcm)~size+Family)
model2<-lm(log10(rcm)~size*Family)

anova(model,model1,model2)
```

Analysis of Variance Table

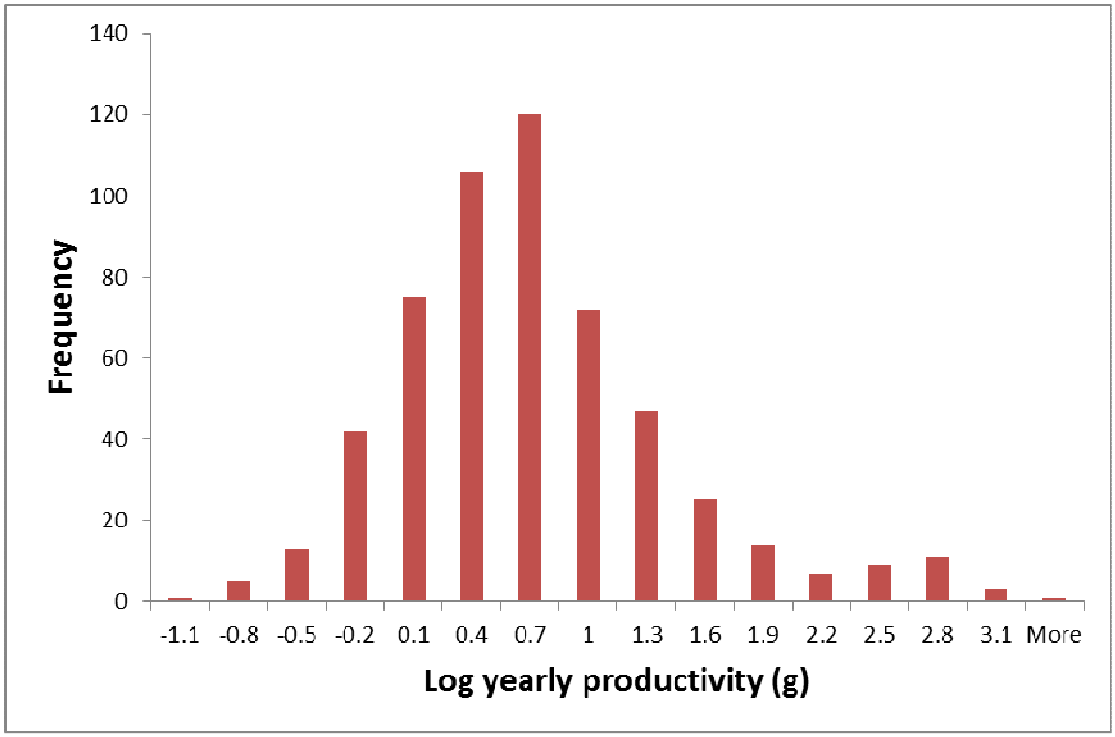
	Residual Df	RSS	Df	Sum of squares	F	p
1	549	47.512				
2	523	26.002	26	21.5098	17.073	<0.0001
3	503	24.373	20	1.6288	1.6807	0.033

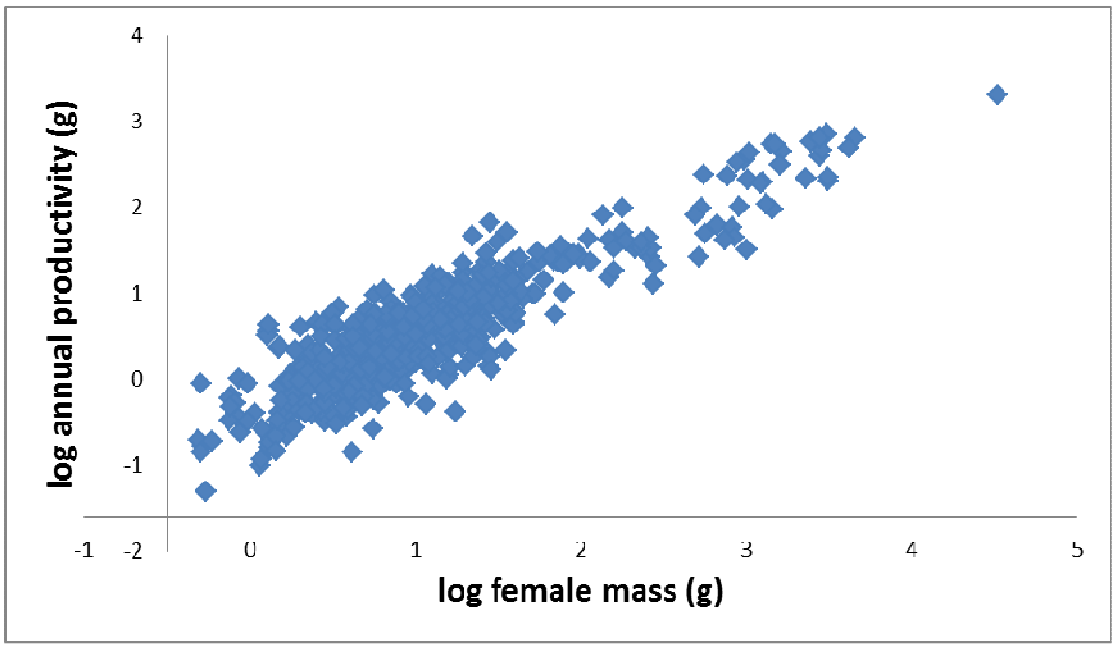
```
AIC(model,model1,model2)
```

	df	AIC
model	3	219.31
model1	29	-60.84
model2	49	-56.48

model : R-squared: 0.006
model 1: Multiple R-squared: 0.456
model 2: Multiple R-squared: 0.490

Log annual productivity





```
model<-lm(productivity~size)
model1<-lm(productivity~size+Family)
model2<-lm(productivity~size*Family)

anova(model,model1,model2)
```

Analysis of Variance Table

	Residual Df	RSS	Df	Sum of squares	F	p
1	549	56.24				
2	523	38.249	26	17.9913	9.6265	<0.0001
3	503	36.157	20	2.0921	1.4552	0.0919

```
AIC(model,model1,model2)
```

	df	AIC
model	3	312.231
model1	29	151.8116
model2	49	160.8178

model : R-squared: R-squared: 0.798
model 1: Multiple R-squared: 0.863
model 2: Multiple R-squared 0.870

B.
Family-specific intercepts (and standard errors) in the allometry of specific productivity vs. female mass. The model assumes a constant slope across all families, n = number of species sampled.

	intercept	se	n
Agamidae	-0.269	0.053	42
Amphisbaenidae	0.712	0.279	1
Anguidae	-0.080	0.078	15
Anniellidae	-0.819	0.279	1
Bipedidae	-0.632	0.162	3
Blanidae	-0.868	0.279	1
Chamaeleonidae	0.107	0.087	12
Cordylidae	-0.669	0.167	3
Corytophanidae	-0.060	0.203	2
Crotaphytidae	-0.100	0.130	5
Gekkonidae	-0.373	0.035	79
Gerrhosauridae	-0.484	0.283	1
Gymnophthalmidae	-0.825	0.025	4
Helodermatidae	0.094	0.210	2
Iguanidae	-0.039	0.100	17
Lacertidae	-0.248	0.034	97
Liolaemidae	-0.394	0.076	15
Phrynosomatidae	0.025	0.047	51
Polychrotidae	-0.020	0.065	19
Pygopodidae	-0.102	0.163	3
Scincidae	-0.458	0.036	107
Teiidae	-0.258	0.055	36
Trogonophiidae	-0.235	0.279	1
Tropiduridae	-0.308	0.094	10
Varanidae	-0.219	0.098	19
Xantusiidae	-0.698	0.140	4
Xenosauridae	-0.689	0.281	1

Overall slope = -0.215; se = 0.025