**Supplementary Material**

**Table S1.** All mainland Australian skink species analysed and pertaining predictor and response variables.

| **Species** | **name in tree** | **Clutch size** | **Temperature** | **Temperature seasonality** | **Precipitation seasonality** | **Precipitation** | **NPP** | **Body mass** | **Leg development** | **Range size** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Acritoscincus duperreyi* | *Bassiana duperreyi* | NA | 13.4 | 776.6 | 24.2 | 3998 | 11.62 | 1.02 | fully limbed | 413907.2 |
| *Acritoscincus platynotus* | *Bassiana platynota* | NA | 14.8 | 807 | 22.8 | 4687 | 11.71 | 1.02 | fully limbed | 336962.7 |
| *Acritoscincus trilineatus* | *Bassiana trilineata* | 0.48 | 16.9 | 457.4 | 44.4 | 4060 | 11.35 | 1.02 | fully limbed | 319912.1 |
| *Anepischetosia maccoyi* | *Anepischetosia maccoyi* | 0.48 | 12.8 | 856.1 | 21.3 | 3950 | 11.69 | 0.62 | fully limbed | 179945 |
| *Anomalopus brevicollis* | *Anomalopus brevicollis* | NA | 22.1 | 723.6 | 58.4 | 4117 | 11.52 | 0.21 | limbless | 166576.5 |
| *Anomalopus gowi* | *Anomalopus gowi* | NA | 22.4 | 842.4 | 96.4 | 3265 | 11.55 | 0.47 | limbless | 92051.1 |
| *Anomalopus leuckartii* | *Anomalopus leuckartii* | NA | 18.9 | 728.2 | 39.4 | 4615 | 11.61 | 1.07 | reduced | 397694.6 |
| *Anomalopus mackayi* | *Anomalopus mackayi* | NA | 19.9 | 512.7 | 31.2 | 5595 | 11.33 | 0.96 | reduced | 65438 |
| *Anomalopus pluto* | *Anomalopus pluto* | NA | 25.9 | 1692.3 | 102 | 1090 | 11.72 | 0.12 | limbless | 2786.7 |
| *Anomalopus swansoni* | *Anomalopus swansoni* | NA | 17.1 | 892.2 | 27.3 | 4184 | 11.68 | 0.46 | limbless | 18137.7 |
| *Anomalopus verreauxii* | *Anomalopus verreauxi* | NA | 20.2 | 833.5 | 47.7 | 4155 | 11.61 | 1.4 | reduced | 344286.4 |
| *Austroablepharus barrylyoni* | *Proablepharus barrylyoni* | 0.52 | 23.4 | 806 | 112 | 3008 | 11.49 | 0.39 | fully limbed | 12.3 |
| *Austroablepharus kinghorni* | *Proablepharus kinghorni* | 0.21 | 23.9 | 432.1 | 71.6 | 5191 | 10.98 | 0.27 | fully limbed | 1326824.6 |
| *Austroablepharus naranjicaudus* | *Proablepharus naranjicaudus* | NA | 27.3 | 706.6 | 110.8 | 3268 | 11.18 | 0.32 | fully limbed | 89227.7 |
| *Bellatorias frerei* | *Bellatorias frerei* | NA | 22.5 | 1074.2 | 71.8 | 3116 | 11.63 | 2.37 | fully limbed | 459973.6 |
| *Bellatorias major* | *Bellatorias major* | 0.52 | 18.3 | 1191.8 | 40 | 3722 | 11.75 | 3.25 | fully limbed | 72336.8 |
| *Bellatorias obiri* | *Bellatorias obiri* | NA | 27.1 | 1460.7 | 107.8 | 2037 | 11.55 | 2.36 | fully limbed | 4219.5 |
| *Calyptotis lepidorostrum* | *Calyptotis lepidorostrum* | NA | 21.6 | 1073.6 | 56.7 | 3451 | 11.67 | 0.49 | fully limbed | 76644.6 |
| *Calyptotis ruficauda* | *Calyptotis ruficauda* | NA | 17.2 | 1249.2 | 40.2 | 3730 | 11.71 | 0.49 | fully limbed | 36947.7 |
| *Calyptotis scutirostrum* | *Calyptotis scutirostrum* | 0.72 | 19.5 | 964.1 | 45.5 | 3815 | 11.71 | 0.59 | fully limbed | 145320.1 |
| *Calyptotis temporalis* | *Calyptotis temporalis* | 0.21 | 22.7 | 1162.7 | 67.9 | 3263 | 11.67 | 0.18 | fully limbed | 20174.4 |
| *Calyptotis thorntonensis* | *Calyptotis thorntonensis* | NA | 22.2 | 3350.8 | 84.6 | 1880 | 12 | -0.14 | fully limbed | 97.7 |
| *Carinascincus coventryi* | *Niveoscincus coventryi* | NA | 12.1 | 849.2 | 19.1 | 4232 | 11.78 | 0.47 | fully limbed | 133420.4 |
| *Carinascincus metallicus* | *Niveoscincus metallicus* | 0.7 | 11.5 | 1184.5 | 22.2 | 2989 | 11.64 | 0.85 | fully limbed | 96543.9 |
| *Carlia amax* | *Carlia amax* | 0.3 | 26.8 | 894.5 | 110.9 | 2848 | 11.28 | 0.08 | fully limbed | 753604.6 |
| *Carlia crypta* | *NA* | NA | 22.8 | 2068.7 | 91.1 | 2011 | 11.99 | 0.48 | fully limbed | 2391.2 |
| *Carlia decora* | *Carlia decora* | NA | 23.2 | 1501.2 | 87.4 | 2948 | 11.7 | 0.33 | fully limbed | 40731.5 |
| *Carlia dogare* | *Carlia dogare* | NA | 25.6 | 1185.3 | 108.7 | 1844 | 11.68 | 0.36 | fully limbed | 15243.4 |
| *Carlia gracilis* | *Carlia gracilis* | 0.3 | 27.1 | 1162.3 | 108.6 | 2133 | 11.45 | 0.08 | fully limbed | 280252.2 |
| *Carlia isostriacantha* | *NA* | 0.2 | 27 | 960.2 | 114.4 | 2451 | 11.26 | 0.34 | fully limbed | 129803.7 |
| *Carlia jarnoldae* | *Carlia jarnoldae* | NA | 24 | 1082.6 | 101.9 | 2623 | 11.59 | 0.33 | fully limbed | 239060.3 |
| *Carlia johnstonei* | *Carlia johnstonei* | 0.3 | 26.6 | 1164.2 | 115 | 2063 | 11.35 | 0.17 | fully limbed | 62087 |
| *Carlia longipes* | *Carlia longipes* | NA | 25.8 | 1904.8 | 62.5 | 944 | 11.81 | 0.89 | fully limbed | 60361.6 |
| *Carlia munda* | *Carlia munda* | 0.18 | 25.1 | 687.2 | 92.7 | 3920 | 11.23 | 0.18 | fully limbed | 2703636.6 |
| *Carlia pectoralis* | *Carlia pectoralis* | 0.3 | 21.1 | 769 | 50 | 4149 | 11.58 | 0.71 | fully limbed | 218166 |
| *Carlia rhomboidalis* | *Carlia rhomboidalis* | NA | 22.9 | 1414.1 | 84.1 | 3142 | 11.58 | 0.64 | fully limbed | 11001.2 |
| *Carlia rostralis* | *Carlia rostralis* | 0.4 | 23.2 | 1666.1 | 94 | 2344 | 11.78 | 0.83 | fully limbed | 41851.6 |
| *Carlia rubigo* | *Carlia rubigo* | 0.77 | 22 | 729.7 | 62.6 | 4241 | 11.47 | 0.19 | fully limbed | 332910.7 |
| *Carlia rubrigularis* | *Carlia rubrigularis* | 0.3 | 22.7 | 2135.9 | 84.8 | 2462 | 11.86 | 0.64 | fully limbed | 21870.6 |
| *Carlia rufilatus* | *Carlia rufilatus* | 0.6 | 27.2 | 1095.7 | 112.7 | 2344 | 11.39 | 0.12 | fully limbed | 299086.2 |
| *Carlia schmeltzii* | *Carlia schmeltzii* | 0.6 | 22.8 | 878.4 | 76.5 | 3504 | 11.54 | 0.81 | fully limbed | 685484.1 |
| *Carlia sexdentata* | *Carlia sexdentata* | 0.44 | 26.3 | 1421.5 | 111.2 | 1545 | 11.57 | 0.7 | fully limbed | 109427.6 |
| *Carlia storri* | *Carlia storri* | NA | 25.4 | 1723.6 | 94.8 | 1525 | 11.74 | 0.24 | fully limbed | 147721.7 |
| *Carlia tetradactyla* | *Carlia tetradactyla* | 0.3 | 15.5 | 767.3 | 25.6 | 4835 | 11.72 | 0.71 | fully limbed | 242171.8 |
| *Carlia triacantha* | *Carlia triacantha* | 0 | 25.8 | 569.8 | 94.3 | 4333 | 11.06 | 0.44 | fully limbed | 1878729.9 |
| *Carlia vivax* | *Carlia vivax* | 0.37 | 21.9 | 957.5 | 70.9 | 3449 | 11.59 | 0.36 | fully limbed | 745876.3 |
| *Carlia wundalthini* | *Carlia wundalthini* | NA | 24.5 | 1633 | 105.3 | 1526 | 11.75 | 0.33 | fully limbed | 60.2 |
| *Coeranoscincus frontalis* | *Coeranoscincus frontalis* | 0.48 | 22.4 | 2161.3 | 83.5 | 2566 | 11.87 | 1.46 | limbless | 18946.7 |
| *Coeranoscincus reticulatus* | *Coeranoscincus reticulatus* | 0.88 | 19.1 | 1166.7 | 43.2 | 3688 | 11.84 | 1.45 | reduced | 37578.3 |
| *Concinnia amplus* | *Concinnia amplus* | NA | 22.7 | 1397.1 | 84.5 | 3132 | 11.76 | 1.53 | fully limbed | 8152.1 |
| *Concinnia brachysoma* | *Concinnia brachyosoma* | NA | 22.7 | 824.3 | 73.3 | 3685 | 11.51 | 0.95 | fully limbed | 434410.3 |
| *Concinnia frerei* | *Concinnia frerei* | NA | 20.8 | 2131.4 | 87.1 | 2158 | 11.99 | 0.83 | fully limbed | 924.5 |
| *Concinnia martini* | *Concinnia martini* | 0.28 | 19.8 | 861.6 | 47 | 4065 | 11.65 | 0.85 | fully limbed | 281961.7 |
| *Concinnia queenslandiae* | *Concinnia queenslandiae* | 0.33 | 22.5 | 2347.3 | 81.2 | 2358 | 11.83 | 1.11 | fully limbed | 14766.3 |
| *Concinnia sokosoma* | *Concinnia sokosoma* | 0.55 | 22.6 | 732.4 | 67.6 | 3975 | 11.49 | 1 | fully limbed | 295342.9 |
| *Concinnia tenuis* | *Concinnia tenuis* | 0.3 | 18.8 | 920.9 | 44.3 | 4091 | 11.67 | 1.11 | fully limbed | 502708.5 |
| *Concinnia tigrinus* | *Concinnia tigrinus* | 0.3 | 22.3 | 2437.6 | 79.8 | 2344 | 11.9 | 1.11 | fully limbed | 11414.7 |
| *Cryptoblepharus adamsi* | *Cryptoblepharus adamsi* | 0.26 | 23.3 | 1024.2 | 96.7 | 2927 | 11.59 | -0.05 | fully limbed | 168904.6 |
| *Cryptoblepharus australis* | *Cryptoblepharus australis* | 0.7 | 21.3 | 326.2 | 42.6 | 5650 | 10.95 | 0.25 | fully limbed | 3408710.4 |
| *Cryptoblepharus buchananii* | *Cryptoblepharus buchananii* | 0.3 | 21.5 | 294.2 | 54.8 | 5479 | 10.99 | 0.34 | fully limbed | 1126524.5 |
| *Cryptoblepharus cygnatus* | *Cryptoblepharus cygnatus* | 0.58 | 27.1 | 1412.4 | 106 | 1737 | 11.56 | 0.2 | fully limbed | 99119.8 |
| *Cryptoblepharus daedalos* | *Cryptoblepharus daedalos* | NA | 27.3 | 803.8 | 113.6 | 2864 | 11.25 | 0.08 | fully limbed | 4062 |
| *Cryptoblepharus exochus* | *Cryptoblepharus exochus* | NA | 27.8 | 1001.7 | 114.1 | 2402 | 11.29 | 0.08 | fully limbed | 11618.3 |
| *Cryptoblepharus fuhni* | *Cryptoblepharus fuhni* | NA | 25.4 | 1470 | 106.8 | 1542 | 11.75 | 0.27 | fully limbed | 89.8 |
| *Cryptoblepharus juno* | *Cryptoblepharus juno* | 0.48 | 27.5 | 784.8 | 113.9 | 2901 | 11.18 | 0.15 | fully limbed | 116816.5 |
| *Cryptoblepharus litoralis* | *Cryptoblepharus litoralis* | NA | 25.2 | 1657.9 | 89 | 1973 | 11.4 | 0.49 | fully limbed | 19990.4 |
| *Cryptoblepharus megastictus* | *Cryptoblepharus megastictus* | 0.3 | 26.8 | 1147.7 | 112.2 | 1993 | 11.36 | 0.07 | fully limbed | 22543.9 |
| *Cryptoblepharus mertensi* | *Cryptoblepharus mertensi* | 0.49 | 26.7 | 830.2 | 112.5 | 2765 | 11.32 | -0.01 | fully limbed | 34844.6 |
| *Cryptoblepharus metallicus* | *Cryptoblepharus metallicus* | 0.44 | 25.6 | 768 | 100.3 | 3487 | 11.28 | 0.3 | fully limbed | 2091644.3 |
| *Cryptoblepharus ochrus* | *Cryptoblepharus ochrus* | NA | 21.9 | 170.1 | 35.1 | 6360 | 10.54 | 0.18 | fully limbed | 336894 |
| *Cryptoblepharus pannosus* | *Cryptoblepharus pannosus* | 0.4 | 21.8 | 478.7 | 53.7 | 5132 | 11.11 | 0.18 | fully limbed | 2570002.5 |
| *Cryptoblepharus plagiocephalus* | *Cryptoblepharus plagiocephalus* | 0.67 | 22.2 | 238.7 | 51.6 | 5763 | 10.88 | 0.27 | fully limbed | 508873.2 |
| *Cryptoblepharus pulcher* | *Cryptoblepharus pulcher* | 0.3 | 18.7 | 739.9 | 40.8 | 4065 | 11.51 | 0.21 | fully limbed | 756374 |
| *Cryptoblepharus ruber* | *Cryptoblepharus ruber* | 0.13 | 27.2 | 761.5 | 114.5 | 3099 | 11.21 | 0.28 | fully limbed | 497328.8 |
| *Cryptoblepharus tytthos* | *Cryptoblepharus tytthos* | NA | 27.8 | 714.5 | 122.3 | 2977 | 11.22 | 0 | fully limbed | 69470.1 |
| *Cryptoblepharus ustulatus* | *Cryptoblepharus ustulatus* | 0.28 | 25.8 | 322 | 88.6 | 5116 | 10.91 | 0.1 | fully limbed | 188660.4 |
| *Cryptoblepharus virgatus* | *Cryptoblepharus virgatus* | 0.78 | 25 | 1359.8 | 108.3 | 1971 | 11.64 | 0.08 | fully limbed | 188028.4 |
| *Cryptoblepharus wulbu* | *Cryptoblepharus wulbu* | NA | 27.6 | 1416 | 110 | 1483 | 11.6 | 0.01 | fully limbed | 12 |
| *Cryptoblepharus zoticus* | *Cryptoblepharus zoticus* | NA | 26.3 | 676.1 | 111.9 | 3551 | 11.16 | 0 | fully limbed | 161357.9 |
| *Ctenotus agrestis* | *Ctenotus agrestis* | 0.51 | 24.8 | 419.6 | 82.5 | 5020 | 10.95 | 0.93 | fully limbed | 78476.3 |
| *Ctenotus alacer* | *Ctenotus alacer* | 0.54 | 24.1 | 302.8 | 67.4 | 5945 | 10.86 | 0.78 | fully limbed | 722617.9 |
| *Ctenotus alleni* | *Ctenotus alleni* | 0.3 | 21.6 | 287.9 | 71.5 | 4757 | 11.15 | 1.23 | fully limbed | 13512.2 |
| *Ctenotus allotropis* | *Ctenotus allotropis* | 0.29 | 20.1 | 507.5 | 33.5 | 5585 | 11.3 | 0.49 | fully limbed | 511698.3 |
| *Ctenotus angusticeps* | *Ctenotus angusticeps* | 0.6 | 27.2 | 392.6 | 103.8 | 3425 | 11.02 | 0.91 | fully limbed | 27159 |
| *Ctenotus aphrodite* | *Ctenotus aphrodite* | NA | 25 | 244.5 | 71.8 | 5929 | 10.57 | 0.87 | fully limbed | 10 |
| *Ctenotus arcanus* | *Ctenotus arcanus* | NA | 19.6 | 959.5 | 45.6 | 3824 | 11.73 | 1.19 | fully limbed | 87382.2 |
| *Ctenotus ariadnae* | *Ctenotus ariadnae* | NA | 23.5 | 252.9 | 53 | 6246 | 10.76 | 0.71 | fully limbed | 1189934.6 |
| *Ctenotus arnhemensis* | *Ctenotus arnhemensis* | NA | 27.7 | 1560.6 | 105.1 | 1737 | 11.62 | 0.5 | fully limbed | 10830.3 |
| *Ctenotus astarte* | *Ctenotus astarte* | 0.48 | 24.2 | 227.3 | 62 | 6190 | 10.63 | 1.05 | fully limbed | 172871 |
| *Ctenotus astictus* | *Ctenotus astictus* | NA | 26.8 | 1181.3 | 104.8 | 1890 | 11.41 | 0.41 | fully limbed | 47924.7 |
| *Ctenotus atlas* | *Ctenotus atlas* | 0.52 | 19.1 | 254.5 | 26.9 | 5122 | 10.97 | 0.93 | fully limbed | 985401.3 |
| *Ctenotus australis* | *Ctenotus australis* | NA | 18.3 | 681.3 | 77.2 | 3670 | 11.53 | 1.47 | fully limbed | 72200.9 |
| *Ctenotus borealis* | *Ctenotus borealis* | 0.55 | 27.2 | 1368 | 106.8 | 1935 | 11.52 | 1.6 | fully limbed | 119447.3 |
| *Ctenotus brevipes* | *Ctenotus brevipes* | NA | 25.5 | 1044.3 | 115.7 | 2413 | 11.5 | 0.62 | fully limbed | 252251.5 |
| *Ctenotus brooksi* | *Ctenotus brooksi* | 0.52 | 23.2 | 288.5 | 55.8 | 5733 | 10.82 | 0.54 | fully limbed | 1745904.6 |
| *Ctenotus burbidgei* | *Ctenotus burbidgei* | NA | 26.5 | 1162.6 | 114.8 | 2076 | 11.35 | 0.57 | fully limbed | 58046.9 |
| *Ctenotus calurus* | *Ctenotus calurus* | 0.33 | 23.3 | 283.1 | 56.2 | 5915 | 10.81 | 0.36 | fully limbed | 1489502.4 |
| *Ctenotus capricorni* | *Ctenotus capricorni* | NA | 23.6 | 420.3 | 60.5 | 5384 | 10.99 | 0.73 | fully limbed | 45974.9 |
| *Ctenotus catenifer* | *Ctenotus catenifer* | 0.48 | 16.4 | 585.7 | 54.3 | 3665 | 11.46 | 0.57 | fully limbed | 157542.2 |
| *Ctenotus coggeri* | *Ctenotus coggeri* | 0.3 | 26.5 | 1274.5 | 108 | 2072 | 11.52 | 1.14 | fully limbed | 50859.1 |
| *Ctenotus colletti* | *Ctenotus colletti* | 0.51 | 27.7 | 721.8 | 124.4 | 2948 | 11.25 | 0.21 | fully limbed | 31414.8 |
| *Ctenotus decaneurus* | *Ctenotus decaneurus* | 0.48 | 26.7 | 886.2 | 108.2 | 3025 | 11.24 | 0.48 | fully limbed | 466656.8 |
| *Ctenotus delli* | *Ctenotus delli* | NA | 16.8 | 841.4 | 79 | 4030 | 11.71 | 0.69 | fully limbed | 19898.4 |
| *Ctenotus duricola* | *NA* | 0.3 | 25.9 | 315.1 | 88.6 | 4995 | 10.91 | 0.59 | fully limbed | 224988.1 |
| *Ctenotus dux* | *Ctenotus dux* | 0.53 | 23.1 | 260.2 | 50.9 | 6173 | 10.78 | 0.76 | fully limbed | 1196448.7 |
| *Ctenotus ehmanni* | *Ctenotus ehmanni* | NA | 26.5 | 1040.8 | 113.7 | 2332 | 11.31 | 0.08 | fully limbed | 69660.2 |
| *Ctenotus essingtonii* | *Ctenotus essingtonii* | 0.64 | 26.9 | 1181.8 | 107.7 | 2155 | 11.46 | 0.89 | fully limbed | 230173.6 |
| *Ctenotus euclae* | *NA* | 0.44 | 18 | 247.4 | 24.5 | 4263 | 10.93 | 0.36 | fully limbed | 261676.6 |
| *Ctenotus eurydice* | *Ctenotus eurydice* | NA | 18.1 | 846 | 41.2 | 4156 | 11.73 | 0.96 | fully limbed | 132457.1 |
| *Ctenotus eutaenius* | *Ctenotus eutaenius* | 0.28 | 22.5 | 846.4 | 95.1 | 3281 | 11.55 | 1.19 | fully limbed | 100816.1 |
| *Ctenotus gagudju* | *Ctenotus gagudju* | NA | 27.6 | 1506.2 | 107.9 | 1645 | 11.6 | 0.47 | fully limbed | 4592.5 |
| *Ctenotus gemmula* | *Ctenotus gemmula* | 0.48 | 16.6 | 469.7 | 44.2 | 3798 | 11.36 | 0.62 | fully limbed | 177921.7 |
| *Ctenotus grandis* | *Ctenotus grandis* | 0.56 | 24.7 | 319.1 | 71.4 | 5643 | 10.84 | 1.61 | fully limbed | 1509638.4 |
| *Ctenotus greeri* | *Ctenotus greeri* | 0.73 | 23.8 | 344.5 | 69.6 | 5549 | 10.9 | 0.73 | fully limbed | 1000822.2 |
| *Ctenotus halysis* | *Ctenotus halysis* | 0.78 | 26.5 | 901.6 | 112.8 | 2623 | 11.25 | 0.58 | fully limbed | 56545.4 |
| *Ctenotus hanloni* | *Ctenotus hanloni* | 0.48 | 24.5 | 293.4 | 67.9 | 5798 | 10.82 | 0.9 | fully limbed | 1498571.6 |
| *Ctenotus hebetior* | *Ctenotus hebetior* | 0.48 | 24.6 | 445.7 | 83.8 | 4912 | 10.99 | 0.62 | fully limbed | 577613.7 |
| *Ctenotus hilli* | *Ctenotus hilli* | 0.52 | 27.3 | 1444.6 | 105.6 | 1816 | 11.54 | 0.36 | fully limbed | 74775.9 |
| *Ctenotus iapetus* | *Ctenotus iapetus* | 0.3 | 25.2 | 269.4 | 81.3 | 4730 | 10.94 | 0.79 | fully limbed | 69457.2 |
| *Ctenotus impar* | *Ctenotus impar* | 0.43 | 17.3 | 442.6 | 48 | 4286 | 11.37 | 0.75 | fully limbed | 305525.6 |
| *Ctenotus ingrami* | *Ctenotus ingrami* | NA | 21.4 | 529.9 | 45.8 | 5311 | 11.26 | 1.09 | fully limbed | 449793.7 |
| *Ctenotus inornatus* | *Ctenotus inornatus* | 0.39 | 24 | 405.6 | 70.5 | 5192 | 10.95 | 1.26 | fully limbed | 4464669.4 |
| *Ctenotus joanae* | *Ctenotus joanae* | NA | 25 | 319.4 | 79.9 | 5498 | 10.81 | 1.12 | fully limbed | 614042.6 |
| *Ctenotus kurnbudj* | *Ctenotus kurnbudj* | NA | 27.8 | 1605.6 | 103.9 | 1650 | 11.67 | 0.52 | fully limbed | 3261 |
| *Ctenotus labillardieri* | *Ctenotus labillardieri* | NA | 16.3 | 644.2 | 55.6 | 3457 | 11.49 | 0.95 | fully limbed | 118667.9 |
| *Ctenotus lancelini* | *Ctenotus lancelini* | NA | 19.4 | 655 | 85 | 3721 | 11.61 | 1.14 | fully limbed | 12.1 |
| *Ctenotus lateralis* | *Ctenotus lateralis* | 0.24 | 25.1 | 418.1 | 88 | 5004 | 10.91 | 1.11 | fully limbed | 407968.8 |
| *Ctenotus leae* | *Ctenotus leae* | 0.27 | 22.2 | 234.8 | 42.8 | 6027 | 10.75 | 0.66 | fully limbed | 1951800.8 |
| *Ctenotus leonhardii* | *Ctenotus leonhardii* | 0.78 | 23.4 | 318.3 | 61.7 | 5514 | 10.86 | 1 | fully limbed | 4712066.1 |
| *Ctenotus maryani* | *Ctenotus maryani* | 0.56 | 25.7 | 281.2 | 83.8 | 4882 | 10.94 | 0.49 | fully limbed | 75470.6 |
| *Ctenotus mastigura* | *Ctenotus mastigura* | 0.37 | 26.6 | 1341.5 | 111.3 | 1865 | 11.43 | 1.15 | fully limbed | 6694.3 |
| *Ctenotus mesotes* | *Ctenotus mesotes* | NA | 27.6 | 1123.7 | 117.2 | 1708 | 11.39 | 0.1 | fully limbed | 1404 |
| *Ctenotus militaris* | *Ctenotus militaris* | 0.3 | 27.2 | 741.8 | 112.7 | 3157 | 11.21 | 0.73 | fully limbed | 311370 |
| *Ctenotus mimetes* | *Ctenotus mimetes* | 0.46 | 21.1 | 267.3 | 52.2 | 5786 | 11.06 | 1.05 | fully limbed | 181999.4 |
| *Ctenotus monticola* | *Ctenotus monticola* | NA | 21.8 | 1207.7 | 95.6 | 2388 | 11.7 | 0.73 | fully limbed | 2023.1 |
| *Ctenotus nasutus* | *Ctenotus nasutus* | 0.36 | 24.5 | 299.2 | 64.4 | 5968 | 10.8 | 0.24 | fully limbed | 936344.2 |
| *Ctenotus nigrilineatus* | *Ctenotus nigrilineatus* | 0.48 | 26.2 | 341.7 | 93.7 | 4998 | 10.87 | 0.33 | fully limbed | 32458 |
| *Ctenotus nullum* | *Ctenotus nullum* | 0.3 | 25.1 | 1285.9 | 106.1 | 1903 | 11.74 | 1 | fully limbed | 11115.9 |
| *Ctenotus olympicus* | *Ctenotus olympicus* | 0.42 | 20.5 | 204.2 | 27.9 | 6025 | 10.73 | 0.93 | fully limbed | 706144 |
| *Ctenotus ora* | *Ctenotus ora* | NA | 17.6 | 931.8 | 81.8 | 3098 | 11.74 | 0.62 | fully limbed | 1676.3 |
| *Ctenotus orientalis* | *Ctenotus orientalis* | NA | 17.7 | 343.8 | 25.5 | 5039 | 11.1 | 1.05 | fully limbed | 1008307.5 |
| *Ctenotus pallasotus* | *NA* | 0.3 | 25.6 | 345.7 | 90.2 | 4985 | 10.95 | 0.73 | fully limbed | 105695.6 |
| *Ctenotus pallescens* | *Ctenotus pallescens* | 0.56 | 26.8 | 559.3 | 107 | 4007 | 11.09 | 0.21 | fully limbed | 403374.7 |
| *Ctenotus pantherinus* | *Ctenotus pantherinus* | 0.58 | 23.7 | 368.5 | 66.9 | 5295 | 10.92 | 1.66 | fully limbed | 5203183.8 |
| *Ctenotus piankai* | *Ctenotus piankai* | 0.58 | 24.9 | 356.9 | 76.2 | 5403 | 10.89 | 0.62 | fully limbed | 2013053.4 |
| *Ctenotus pulchellus* | *Ctenotus pulchellus* | NA | 25.8 | 479.4 | 100.6 | 4471 | 11.01 | 1.11 | fully limbed | 487358 |
| *Ctenotus quattuordecimlineatus* | *Ctenotus quattuordecimlineatus* | 0.34 | 23.4 | 285.7 | 57.5 | 5830 | 10.82 | 0.85 | fully limbed | 1773968.3 |
| *Ctenotus quinkan* | *Ctenotus quinkan* | 0.3 | 24.7 | 1135.6 | 111 | 2002 | 11.72 | 1.04 | fully limbed | 5035.2 |
| *Ctenotus quirinus* | *Ctenotus quirinus* | 0.54 | 26.6 | 1119.1 | 106.7 | 2186 | 11.46 | 0.73 | fully limbed | 90611 |
| *Ctenotus rawlinsoni* | *Ctenotus rawlinsoni* | 0.3 | 25.8 | 1597.5 | 94.9 | 1721 | 11.89 | 1.02 | fully limbed | 953.9 |
| *Ctenotus regius* | *Ctenotus regius* | 0.6 | 20.8 | 239 | 31.7 | 5998 | 10.81 | 1.07 | fully limbed | 1706389.9 |
| *Ctenotus rhabdotus* | *NA* | NA | 27.6 | 530.3 | 111.2 | 4037 | 11.06 | 0.64 | fully limbed | 43176 |
| *Ctenotus rimacolus* | *Ctenotus rimacolus* | 0.36 | 27.5 | 707.5 | 111 | 3242 | 11.16 | 1.26 | fully limbed | 104135.2 |
| *Ctenotus robustus* | *Ctenotus robustus* | 0.48 | 21.4 | 665 | 60.6 | 4263 | 11.31 | 1.65 | fully limbed | 3394017.5 |
| *Ctenotus rosarium* | *Ctenotus rosarium* | NA | 23.2 | 544.5 | 78.5 | 4344 | 11.26 | 0.18 | fully limbed | 8062.8 |
| *Ctenotus rubicundus* | *Ctenotus rubicundus* | 0.29 | 25.7 | 316.1 | 87 | 5276 | 10.89 | 1.35 | fully limbed | 192672.1 |
| *Ctenotus rufescens* | *Ctenotus rufescens* | NA | 26.3 | 296.5 | 89.2 | 4134 | 10.94 | 0.21 | fully limbed | 49510.7 |
| *Ctenotus rutilans* | *Ctenotus rutilans* | NA | 25.2 | 313.9 | 84.4 | 5526 | 10.88 | 0.6 | fully limbed | 119782.9 |
| *Ctenotus schevilli* | *Ctenotus schevilli* | 0.48 | 24.8 | 452.8 | 85.2 | 4739 | 11.03 | 1.11 | fully limbed | 57308.7 |
| *Ctenotus schomburgkii* | *Ctenotus schomburgkii* | 0.3 | 22.1 | 276.4 | 51.4 | 5617 | 10.87 | 0.54 | fully limbed | 4312617.3 |
| *Ctenotus septenarius* | *Ctenotus septenarius* | 0.43 | 23.4 | 246.9 | 56.3 | 6191 | 10.75 | 0.87 | fully limbed | 651380.6 |
| *Ctenotus serotinus* | *Ctenotus serotinus* | NA | 24.9 | 252.8 | 73.3 | 5918 | 10.58 | 0.36 | fully limbed | 3925.8 |
| *Ctenotus serventyi* | *Ctenotus serventyi* | 0.85 | 26.8 | 433.7 | 102.3 | 4354 | 10.97 | 0.54 | fully limbed | 390514.8 |
| *Ctenotus spaldingi* | *Ctenotus spaldingi* | 0.34 | 21.1 | 682.5 | 61.7 | 4219 | 11.36 | 1.47 | fully limbed | 2888860.4 |
| *Ctenotus storri* | *Ctenotus storri* | NA | 27.1 | 1191.4 | 108.6 | 2348 | 11.47 | 0.05 | fully limbed | 116948.6 |
| *Ctenotus strauchii* | *Ctenotus strauchii* | 0.3 | 22 | 373.4 | 49.7 | 5593 | 11 | 0.69 | fully limbed | 2788062.9 |
| *Ctenotus striaticeps* | *Ctenotus striaticeps* | 0.22 | 26.2 | 713.4 | 111.1 | 3460 | 11.18 | 0.36 | fully limbed | 139634.2 |
| *Ctenotus stuarti* | *Ctenotus stuarti* | NA | 27.8 | 1582.5 | 103.9 | 1701 | 11.64 | 0.47 | fully limbed | 4745.6 |
| *Ctenotus superciliaris* | *NA* | 0.3 | 26.8 | 686.7 | 106.2 | 3554 | 11.15 | 1.04 | fully limbed | 1148466 |
| *Ctenotus taeniatus* | *NA* | 0.35 | 21.6 | 205.2 | 37.6 | 6128 | 10.72 | 0.52 | fully limbed | 813568.5 |
| *Ctenotus taeniolatus* | *Ctenotus taeniolatus* | 0.43 | 19.5 | 718.1 | 46.5 | 4586 | 11.49 | 1.17 | fully limbed | 1202821.8 |
| *Ctenotus tanamiensis* | *Ctenotus tanamiensis* | 0.64 | 25.2 | 385.1 | 80.7 | 5475 | 10.92 | 1.26 | fully limbed | 449292.2 |
| *Ctenotus tantillus* | *Ctenotus tantillus* | 0.41 | 27.2 | 901.4 | 112.7 | 2593 | 11.26 | 0.26 | fully limbed | 136991.6 |
| *Ctenotus terrareginae* | *Ctenotus terrareginae* | NA | 22.8 | 1652.1 | 91.3 | 2989 | 11.89 | 1.2 | fully limbed | 4514.9 |
| *Ctenotus uber* | *Ctenotus uber* | 0.6 | 23.3 | 261.6 | 60.3 | 5860 | 10.86 | 1.05 | fully limbed | 1062721.4 |
| *Ctenotus vagus* | *Ctenotus vagus* | NA | 27.4 | 794.6 | 112.5 | 2792 | 11.15 | 0.18 | fully limbed | 51369.7 |
| *Ctenotus vertebralis* | *Ctenotus vertebralis* | NA | 26.8 | 1114.5 | 107.9 | 2265 | 11.43 | 0.49 | fully limbed | 179022 |
| *Ctenotus xenopleura* | *Ctenotus xenopleura* | 0.48 | 19 | 271.3 | 30.4 | 5588 | 11.16 | 0.36 | fully limbed | 28270.7 |
| *Ctenotus youngsoni* | *Ctenotus youngsoni* | NA | 22 | 288 | 94 | 2840 | 10.79 | 1.09 | fully limbed | 2198 |
| *Ctenotus zastictus* | *Ctenotus zastictus* | NA | 22.5 | 229.3 | 77.1 | 4092 | 11.1 | 0.62 | fully limbed | 98.4 |
| *Ctenotus zebrilla* | *Ctenotus zebrilla* | 0.65 | 24.1 | 784.1 | 110.7 | 3109 | 11.45 | 0.05 | fully limbed | 82595 |
| *Cyclodomorphus branchialis* | *Cyclodomorphus branchialis* | NA | 20.9 | 317.6 | 64.5 | 5384 | 11.17 | 1.59 | fully limbed | 56979 |
| *Cyclodomorphus celatus* | *Cyclodomorphus celatus* | 0.73 | 20.9 | 389.3 | 79.4 | 4262 | 11.28 | 1.6 | fully limbed | 72346.8 |
| *Cyclodomorphus gerrardii* | *Hemisphaeriodon gerrardii* | 0.28 | 20.3 | 927.9 | 54.4 | 3835 | 11.63 | 2.65 | fully limbed | 419640.5 |
| *Cyclodomorphus maximus* | *Cyclodomorphus maxima* | 0.48 | 26.7 | 1094.9 | 114.6 | 2117 | 11.32 | 2.51 | fully limbed | 82496.6 |
| *Cyclodomorphus melanops* | *Cyclodomorphus melanops* | 0.62 | 22.7 | 284.9 | 54.8 | 5573 | 10.85 | 1.72 | fully limbed | 3536491.2 |
| *Cyclodomorphus michaeli* | *Cyclodomorphus michaeli* | 0.4 | 16 | 1018.2 | 24.9 | 3893 | 11.61 | 2.11 | fully limbed | 37250.1 |
| *Cyclodomorphus praealtus* | *Cyclodomorphus praealtus* | 0.7 | 10.3 | 1092.7 | 24.1 | 4906 | 11.83 | 1.66 | fully limbed | 8620.1 |
| *Cyclodomorphus venustus* | *Cyclodomorphus venustus* | 0.3 | 22.2 | 217.5 | 42.6 | 6168 | 10.67 | 1.35 | fully limbed | 576425.7 |
| *Egernia cunninghami* | *Egernia cunninghami* | 0.59 | 15 | 747.7 | 23.6 | 4772 | 11.7 | 2.65 | fully limbed | 439014.3 |
| *Egernia cygnitos* | *Egernia cygnitos* | 0.29 | 26.6 | 325.3 | 95.9 | 4220 | 10.9 | 1.56 | fully limbed | 9385 |
| *Egernia depressa* | *Egernia depressa* | NA | 22.5 | 240 | 52.8 | 6021 | 10.86 | 1.55 | fully limbed | 450583.6 |
| *Egernia douglasi* | *Egernia douglasi* | NA | 26.9 | 973.9 | 118.8 | 2403 | 11.34 | 2.08 | fully limbed | 3135.2 |
| *Egernia eos* | *Egernia eos* | 0.3 | 24.2 | 297.5 | 56.7 | 6101 | 10.81 | 1.47 | fully limbed | 196019.8 |
| *Egernia epsisolus* | *Egernia epsisolus* | 0.6 | 27 | 322.7 | 97.7 | 4637 | 10.89 | 1.47 | fully limbed | 12758.5 |
| *Egernia formosa* | *Egernia formosa* | NA | 22.8 | 267.7 | 55.9 | 5899 | 10.85 | 1.43 | fully limbed | 316321.2 |
| *Egernia hosmeri* | *Egernia hosmeri* | 0.7 | 24.7 | 647.2 | 103.2 | 3789 | 11.22 | 2.16 | fully limbed | 215465.3 |
| *Egernia kingii* | *Egernia kingii* | 0.3 | 16.2 | 687.1 | 60.8 | 3478 | 11.53 | 2.62 | fully limbed | 96410 |
| *Egernia mcpheei* | *Egernia mcpheei* | NA | 16.8 | 1104.3 | 39.8 | 3892 | 11.8 | 1.83 | fully limbed | 74857.5 |
| *Egernia napoleonis* | *Egernia napoleonis* | 0.63 | 16.7 | 530.4 | 50.8 | 3761 | 11.4 | 1.73 | fully limbed | 206542.3 |
| *Egernia pilbarensis* | *Egernia pilbarensis* | NA | 26.1 | 353.4 | 94.5 | 4783 | 10.91 | 1.6 | fully limbed | 64636.9 |
| *Egernia richardi* | *Egernia richardi* | 0.47 | 17.5 | 307.1 | 29.6 | 4240 | 11.15 | 1.4 | fully limbed | 235846.9 |
| *Egernia rugosa* | *Egernia rugosa* | 0.65 | 22.7 | 748.3 | 71.8 | 4005 | 11.43 | 2.51 | fully limbed | 786934.1 |
| *Egernia saxatilis* | *Egernia saxatilis* | 0.82 | 13.4 | 792 | 20.2 | 4451 | 11.72 | 1.75 | fully limbed | 250880.3 |
| *Egernia stokesii* | *Egernia stokesii* | 0.58 | 21.1 | 244.7 | 40.1 | 5863 | 10.84 | 2.35 | fully limbed | 1248788.9 |
| *Egernia striolata* | *Egernia striolata* | 0.51 | 19.5 | 524.2 | 37.7 | 5132 | 11.3 | 1.58 | fully limbed | 1971876.8 |
| *Emoia longicauda* | *Emoia longicauda* | 0.61 | 23.4 | 3210.3 | 33.1 | 501 | 11.82 | 1.33 | fully limbed | 612689.6 |
| *Eremiascincus brongersmai* | *Eremiascincus brongersmai* | NA | 26.7 | 1223.4 | 114.5 | 1947 | 11.37 | 1.3 | fully limbed | 48371.6 |
| *Eremiascincus douglasi* | *Eremiascincus douglasi* | 0.48 | 27 | 1261.8 | 107 | 1986 | 11.48 | 1.05 | fully limbed | 203274.8 |
| *Eremiascincus fasciolatus* | *Eremiascincus fasciolatus* | 0.3 | 22 | 664.9 | 61.9 | 4218 | 11.46 | 1.63 | fully limbed | 435110.3 |
| *Eremiascincus intermedius* | *Eremiascincus intermedius* | 0.28 | 25.4 | 477.1 | 92.9 | 4703 | 11.04 | 1.16 | fully limbed | 778320.9 |
| *Eremiascincus isolepis* | *Eremiascincus isolepis* | 0.3 | 26.7 | 737.9 | 110.2 | 3304 | 11.21 | 0.93 | fully limbed | 1415504.5 |
| *Eremiascincus musivus* | *Eremiascincus musivus* | 0.3 | 27.2 | 404.1 | 106.2 | 4148 | 10.97 | 0.6 | fully limbed | 155313.2 |
| *Eremiascincus pallidus* | *Eremiascincus pallidus* | 0.52 | 23.7 | 285.1 | 61.7 | 5715 | 10.84 | 0.97 | fully limbed | 1856896.3 |
| *Eremiascincus pardalis* | *Eremiascincus pardalis* | NA | 25.5 | 1232.4 | 113.1 | 2046 | 11.57 | 0.93 | fully limbed | 226359.6 |
| *Eremiascincus phantasmus* | *Eremiascincus phantasmus* | 0.53 | 22.4 | 214 | 42.2 | 6305 | 10.69 | 1.26 | fully limbed | 948555.2 |
| *Eremiascincus richardsonii* | *Eremiascincus richardsonii* | 0.71 | 22.4 | 319.3 | 54.2 | 5557 | 10.92 | 1.67 | fully limbed | 5310041.9 |
| *Eremiascincus rubiginosus* | *NA* | NA | 24.4 | 401.9 | 91.7 | 5303 | 11 | 1.05 | fully limbed | 2085.7 |
| *Eroticoscincus graciloides* | *Eroticoscincus graciloides* | 0.3 | 20.6 | 1131.1 | 46 | 3587 | 11.75 | -0.14 | fully limbed | 26729.7 |
| *Eugongylus rufescens* | *Eugongylus rufescens* | 0.3 | 25 | 3092.2 | 31.1 | 459 | 11.82 | 2.07 | fully limbed | 830809.9 |
| *Eulamprus heatwolei* | *Eulamprus heatwolei* | 0.48 | 13.7 | 843.4 | 23.2 | 4430 | 11.75 | 1.35 | fully limbed | 283849 |
| *Eulamprus kosciuskoi* | *Eulamprus kosciuskoi* | 0.48 | 12.4 | 1011.9 | 31.8 | 4370 | 11.89 | 1.11 | fully limbed | 34693.1 |
| *Eulamprus leuraensis* | *Eulamprus leuraensis* | NA | 12.2 | 1027.5 | 26 | 4416 | 11.89 | 1.11 | fully limbed | 1217.1 |
| *Eulamprus quoyii* | *Eulamprus quoyii* | 0.18 | 18.4 | 689.1 | 34.9 | 4688 | 11.5 | 1.67 | fully limbed | 1000547.4 |
| *Eulamprus tympanum* | *Eulamprus tympanum* | 0.3 | 13.1 | 802.4 | 22.9 | 4104 | 11.7 | 1.33 | fully limbed | 244013.9 |
| *Glaphyromorphus clandestinus* | *Glaphyromorphus clandestinus* | 0.3 | 22.2 | 1183.1 | 98.3 | 2987 | 11.7 | 0.87 | fully limbed | 257 |
| *Glaphyromorphus cracens* | *Glaphyromorphus cracens* | 0.48 | 22.3 | 953.3 | 100.4 | 2827 | 11.6 | 0.57 | fully limbed | 43804.9 |
| *Glaphyromorphus crassicaudus* | *Glaphyromorphus crassicaudus* | 0.36 | 25.4 | 1377.2 | 104.6 | 1752 | 11.62 | 0.49 | fully limbed | 176669.7 |
| *Glaphyromorphus darwiniensis* | *Glaphyromorphus darwiniensis* | NA | 27.2 | 1391.8 | 106.8 | 1820 | 11.54 | 0.59 | fully limbed | 130544.5 |
| *Glaphyromorphus fuscicaudis* | *Glaphyromorphus fuscicaudis* | 0.48 | 22.6 | 2241.7 | 83.3 | 2509 | 11.86 | 1.2 | fully limbed | 18802.8 |
| *Glaphyromorphus mjobergi* | *Glaphyromorphus mjobergi* | NA | 22 | 2187 | 82.2 | 2401 | 11.9 | 1.29 | fully limbed | 9666.5 |
| *Glaphyromorphus nigricaudis* | *Glaphyromorphus nigricaudis* | NA | 25.4 | 1805.1 | 83.8 | 1411 | 11.7 | 1.19 | fully limbed | 238893.8 |
| *Glaphyromorphus nyanchupinta* | *Glaphyromorphus nyanchupinta* | NA | 23.1 | 1668 | 113 | 1505 | 11.97 | 0.46 | fully limbed | 247.8 |
| *Glaphyromorphus othelarrni* | *Glaphyromorphus othelarrni* | NA | 24.6 | 1654.3 | 105 | 1526 | 11.75 | 1.23 | fully limbed | 68.8 |
| *Glaphyromorphus pumilus* | *Glaphyromorphus pumilus* | NA | 25.2 | 1392.3 | 109 | 1798 | 11.66 | 0.49 | fully limbed | 137255.6 |
| *Glaphyromorphus punctulatus* | *Glaphyromorphus punctulatus* | 0.4 | 22.9 | 782.7 | 70.1 | 3742 | 11.52 | 0.83 | fully limbed | 201903.8 |
| *Harrisoniascincus zia* | *Harrisoniascincus zia* | 0.48 | 16.5 | 1211.7 | 43.6 | 3833 | 11.94 | 0.59 | fully limbed | 13692.9 |
| *Hemiergis decresiensis* | *Hemiergis decresiensis* | NA | 16.3 | 374.4 | 28.4 | 4626 | 11.24 | 0.48 | reduced | 141971.2 |
| *Hemiergis gracilipes* | *Hemiergis gracilipes* | NA | 15.9 | 956.9 | 68.8 | 2988 | 11.66 | 1.17 | fully limbed | 30507.6 |
| *Hemiergis initialis* | *Hemiergis initialis* | 0.72 | 17.5 | 349.8 | 34.2 | 4256 | 11.19 | -0.01 | reduced | 418702.7 |
| *Hemiergis millewae* | *Hemiergis millewae* | NA | 17.8 | 266.4 | 24.6 | 4954 | 11.04 | 0.57 | fully limbed | 279034.3 |
| *Hemiergis peronii* | *Hemiergis peronii* | 0.3 | 16.7 | 405.6 | 35.6 | 4155 | 11.28 | 1 | fully limbed | 643823.6 |
| *Hemiergis quadrilineata* | *Hemiergis quadrilineata* | NA | 17.9 | 887.2 | 83.1 | 3560 | 11.69 | 0.43 | reduced | 12529.7 |
| *Hemiergis talbingoensis* | *Hemiergis talbingoensis* | 0.54 | 14.2 | 840.7 | 24.2 | 4644 | 11.76 | 0.27 | reduced | 282958.7 |
| *Lampropholis adonis* | *Lampropholis adonis* | NA | 21.2 | 943.3 | 51.5 | 3571 | 11.7 | 0.44 | fully limbed | 43491.4 |
| *Lampropholis amicula* | *Lampropholis amicula* | NA | 19 | 1090.9 | 43.7 | 3724 | 11.75 | -0.14 | fully limbed | 105352.5 |
| *Lampropholis bellendenkerensis* | *NA* | NA | 20.9 | 2582.5 | 71.7 | 2370 | 11.99 | 0.29 | fully limbed | 1759 |
| *Lampropholis caligula* | *Lampropholis caligula* | NA | 13.8 | 879.3 | 24.4 | 4588 | 11.82 | 0.47 | fully limbed | 3501 |
| *Lampropholis coggeri* | *Lampropholis coggeri* | NA | 22.8 | 1921 | 91.7 | 2114 | 11.63 | 0.27 | fully limbed | 5207 |
| *Lampropholis colossus* | *Lampropholis colossus* | NA | 15.8 | 951 | 45 | 4087 | 11.72 | 0.52 | fully limbed | 10 |
| *Lampropholis couperi* | *Lampropholis couperi* | 0.3 | 20.4 | 1041.1 | 49.8 | 3635 | 11.84 | 0.33 | fully limbed | 21874.6 |
| *Lampropholis delicata* | *Lampropholis delicata* | 0.46 | 17.8 | 865.7 | 44 | 3811 | 11.64 | 0.49 | fully limbed | 937657.5 |
| *Lampropholis elliotensis* | *NA* | 0.48 | 21.5 | 1322 | 100 | 2944 | 11.74 | 0.06 | fully limbed | 30.3 |
| *Lampropholis elongata* | *Lampropholis elongata* | NA | 11 | 1036.6 | 24.9 | 4319 | 11.91 | 0.44 | fully limbed | 121 |
| *Lampropholis guichenoti* | *Lampropholis guichenoti* | 0.3 | 15.1 | 714.8 | 25.8 | 4441 | 11.61 | 0.42 | fully limbed | 688423.7 |
| *Lampropholis mirabilis* | *Lampropholis mirabilis* | 0.7 | 22.4 | 971.6 | 97.8 | 3026 | 11.79 | 0.42 | fully limbed | 10 |
| *Lampropholis robertsi* | *Lampropholis robertsi* | NA | 21.8 | 2240.4 | 80.3 | 2311 | 11.81 | 0.49 | fully limbed | 5902.8 |
| *Lampropholis similis* | *NA* | NA | 22.8 | 2590 | 77.1 | 2690 | 11.96 | 0.12 | fully limbed | 7955.1 |
| *Lerista aericeps* | *Lerista aericeps* | 0.22 | 23.1 | 225.6 | 51.9 | 6192 | 10.7 | 0.07 | reduced | 540613.2 |
| *Lerista alia* | *NA* | NA | 25.4 | 845.5 | 117.5 | 2804 | 11.62 | 0.4 | reduced | 43.5 |
| *Lerista allanae* | *Lerista allanae* | NA | 22.3 | 612 | 59.8 | 4177 | 11.42 | 0.65 | reduced | 597.1 |
| *Lerista allochira* | *Lerista allochira* | NA | 24.3 | 258.7 | 77.4 | 3241 | 10.95 | -0.25 | reduced | 312.6 |
| *Lerista ameles* | *Lerista ameles* | 0.36 | 23.4 | 805.9 | 111.1 | 3012 | 11.47 | -0.01 | limbless | 1116.1 |
| *Lerista amicorum* | *Lerista amicorum* | 0.38 | 26 | 288.9 | 83.7 | 5647 | 10.84 | -0.03 | reduced | 5887.5 |
| *Lerista anyara* | *NA* | NA | 25.5 | 1243 | 114 | 1994 | 11.45 | 0.24 | limbless | 16.6 |
| *Lerista apoda* | *Lerista apoda* | NA | 27.3 | 801.7 | 125.3 | 2391 | 11.45 | 0.14 | limbless | 161.3 |
| *Lerista arenicola* | *Lerista arenicola* | NA | 17.6 | 314 | 36.9 | 3250 | 10.99 | 0.75 | fully limbed | 27987.6 |
| *Lerista axillaris* | *Lerista axillaris* | NA | 20.4 | 395.3 | 87.6 | 3833 | 11.13 | 0.59 | reduced | 260.8 |
| *Lerista baynesi* | *Lerista baynesi* | NA | 17.8 | 294.3 | 23.5 | 3142 | 11.13 | 0.63 | reduced | 230.8 |
| *Lerista bipes* | *Lerista bipes* | 0.78 | 23.7 | 306.8 | 61.1 | 5861 | 10.82 | 0.31 | reduced | 1375254.1 |
| *Lerista borealis* | *Lerista borealis* | NA | 27.3 | 787.7 | 110.7 | 2987 | 11.22 | 0.24 | reduced | 34070.9 |
| *Lerista bougainvillii* | *Lerista bougainvillii* | 0.45 | 15.6 | 544.6 | 23.3 | 4752 | 11.47 | 0.93 | fully limbed | 694518.2 |
| *Lerista bunglebungle* | *Lerista bunglebungle* | 0.3 | 27.3 | 598 | 109 | 3698 | 11.09 | 0.31 | reduced | 26.8 |
| *Lerista carpentariae* | *Lerista carpentariae* | NA | 26.6 | 1015.1 | 113.6 | 2549 | 11.28 | 0.35 | reduced | 7719.3 |
| *Lerista chalybura* | *Lerista zietzi* | 0.54 | 24.7 | 358.8 | 86.5 | 5583 | 10.93 | 0.07 | reduced | 19360.8 |
| *Lerista chordae* | *Lerista chordae* | 0.69 | 23.8 | 509.6 | 76.4 | 4459 | 11.15 | -0.12 | reduced | 8647.8 |
| *Lerista christinae* | *Lerista christinae* | NA | 18.9 | 539.1 | 77.5 | 4636 | 11.48 | -0.25 | reduced | 14329.7 |
| *Lerista cinerea* | *Lerista cinerea* | NA | 23.4 | 667.5 | 82.3 | 3595 | 11.44 | 0.38 | reduced | 9924.8 |
| *Lerista clara* | *Lerista clara* | 0.3 | 25.7 | 308.2 | 86.8 | 4989 | 10.92 | -0.03 | reduced | 251821.8 |
| *Lerista colliveri* | *Lerista colliveri* | 0.43 | 22.8 | 622.8 | 88.4 | 3792 | 11.43 | 0.62 | reduced | 25979.2 |
| *Lerista connivens* | *Lerista connivens* | 0.78 | 23.3 | 247.3 | 75.8 | 4353 | 11.03 | 0.57 | reduced | 54227.7 |
| *Lerista desertorum* | *Lerista desertorum* | 0.36 | 21.7 | 226.5 | 39.2 | 6021 | 10.75 | 0.67 | reduced | 1491474.2 |
| *Lerista distinguenda* | *Lerista distinguenda* | 0.48 | 17.4 | 429.4 | 45.9 | 4261 | 11.33 | 0.01 | reduced | 405701.1 |
| *Lerista dorsalis* | *Lerista dorsalis* | 0.3 | 17.7 | 291.2 | 25.5 | 4222 | 11.04 | 0.37 | reduced | 457453.3 |
| *Lerista edwardsae* | *Lerista edwardsae* | NA | 17.7 | 289.2 | 30.6 | 4444 | 11.06 | 0.68 | reduced | 174843.5 |
| *Lerista elegans* | *Lerista elegans* | NA | 22.5 | 349.3 | 76.1 | 4673 | 11.14 | -0.12 | reduced | 199093.9 |
| *Lerista elongata* | *Lerista elongata* | 0.3 | 19.7 | 182.3 | 23.1 | 5592 | 10.71 | 0.19 | reduced | 117950.1 |
| *Lerista emmotti* | *Lerista emmotti* | 0.47 | 24.7 | 377.5 | 79.6 | 5291 | 10.87 | 0.77 | reduced | 259455.5 |
| *Lerista eupoda* | *Lerista eupoda* | 0.3 | 22.5 | 206 | 50.7 | 6413 | 10.79 | 0.62 | reduced | 4716.6 |
| *Lerista flammicauda* | *Lerista flammicauda* | NA | 25.3 | 356 | 90.1 | 5269 | 10.93 | 0.12 | reduced | 81841.4 |
| *Lerista fragilis* | *Lerista fragilis* | NA | 22.1 | 664.2 | 60.8 | 4373 | 11.41 | 0.19 | reduced | 520308.5 |
| *Lerista frosti* | *Lerista frosti* | 0.3 | 22.2 | 304.7 | 54.5 | 6104 | 10.9 | 0.32 | reduced | 65897.1 |
| *Lerista gascoynensis* | *Lerista gascoynensis* | NA | 23.9 | 225.2 | 66.6 | 5353 | 10.92 | 0.35 | reduced | 36711.8 |
| *Lerista gerrardii* | *Lerista gerrardii* | 0.48 | 20.5 | 289.2 | 52.1 | 5817 | 11.1 | 0.63 | reduced | 174869.8 |
| *Lerista greeri* | *Lerista greeri* | NA | 27.7 | 650.5 | 114.9 | 3448 | 11.13 | 0.27 | reduced | 158370.6 |
| *Lerista griffini* | *Lerista griffini* | 0.3 | 27.2 | 807.3 | 115.6 | 2878 | 11.27 | 0.31 | reduced | 175115.7 |
| *Lerista haroldi* | *Lerista haroldi* | NA | 24.3 | 242.1 | 77.4 | 4189 | 10.93 | -0.25 | reduced | 12054.6 |
| *Lerista hobsoni* | *NA* | 0.74 | 22.1 | 672.1 | 90.3 | 3763 | 11.5 | 0.32 | reduced | 13941.7 |
| *Lerista humphriesi* | *Lerista humphriesi* | 0.48 | 21.6 | 314 | 86 | 4048 | 11.3 | -0.04 | limbless | 3354.4 |
| *Lerista ingrami* | *Lerista ingrami* | 0.48 | 25.9 | 1632 | 93.3 | 1694 | 11.09 | -0.36 | reduced | 237.1 |
| *Lerista ips* | *Lerista ips* | 0.59 | 26.1 | 322.2 | 78.5 | 5641 | 10.81 | 0.38 | reduced | 434664.2 |
| *Lerista jacksoni* | *Lerista jacksoni* | 0.65 | 25.9 | 337.3 | 91.7 | 4958 | 10.91 | -0.1 | reduced | 132247.3 |
| *Lerista kalumburu* | *Lerista kalumburu* | NA | 26.9 | 1189.1 | 111.8 | 1950 | 11.38 | 0.24 | reduced | 14077.8 |
| *Lerista karlschmidti* | *Lerista karlschmidti* | NA | 26.7 | 1209.6 | 106.9 | 2022 | 11.48 | 0.37 | reduced | 125271.6 |
| *Lerista kendricki* | *Lerista kendricki* | NA | 21.9 | 293.9 | 88.3 | 3746 | 11.24 | 0.31 | reduced | 2250.6 |
| *Lerista kennedyensis* | *Lerista kennedyensis* | 0.43 | 23.7 | 226.8 | 73.5 | 5346 | 10.92 | 0.15 | reduced | 1289.1 |
| *Lerista kingi* | *Lerista kingi* | 1.34 | 20.5 | 262.2 | 42 | 5777 | 10.99 | -0.1 | reduced | 427958.5 |
| *Lerista labialis* | *Lerista labialis* | 0.28 | 22.6 | 264.2 | 49.9 | 5864 | 10.79 | 0.19 | reduced | 2261135.1 |
| *Lerista lineata* | *Lerista lineata* | 0.3 | 21.2 | 387.8 | 81.8 | 4060 | 11.26 | 0.22 | reduced | 25103.6 |
| *Lerista lineopunctulata* | *Lerista lineopunctulata* | NA | 21.4 | 374.1 | 79.2 | 4194 | 11.25 | 0.87 | reduced | 75800.9 |
| *Lerista macropisthopus* | *Lerista macropisthopus* | NA | 22.9 | 263 | 61.6 | 5748 | 10.93 | 0.74 | reduced | 632412.9 |
| *Lerista maculosa* | *Lerista maculosa* | NA | 22.7 | 227 | 71 | 4575 | 10.92 | -0.22 | reduced | 20 |
| *Lerista micra* | *Lerista micra* | NA | 23 | 243.3 | 72.2 | 4729 | 11.05 | -0.1 | reduced | 56656.9 |
| *Lerista microtis* | *Lerista microtis* | NA | 16.3 | 617.4 | 54.2 | 3253 | 11.4 | 0.64 | fully limbed | 102848.3 |
| *Lerista miopus* | *NA* | 0.6 | 20.5 | 446.8 | 85.1 | 3935 | 11.35 | 0.8 | reduced | 26772 |
| *Lerista muelleri* | *Lerista muelleri* | 0.3 | 20.6 | 342.6 | 38.8 | 5608 | 11.04 | -0.01 | reduced | 2180207.9 |
| *Lerista neander* | *Lerista neander* | 0.48 | 24.9 | 259 | 71.1 | 6114 | 10.78 | 0.64 | reduced | 51189.5 |
| *Lerista nevinae* | *Lerista nevinae* | 0.57 | 27 | 292.6 | 90.8 | 3453 | 11.87 | -0.2 | reduced | 139.2 |
| *Lerista nichollsi* | *Lerista nichollsi* | 0.59 | 22.4 | 230.6 | 53.9 | 6118 | 10.89 | 0.32 | reduced | 76208.9 |
| *Lerista occulta* | *Lerista occulta* | NA | 23 | 254.2 | 71.6 | 4810 | 11.06 | -0.28 | reduced | 56586.2 |
| *Lerista onsloviana* | *Lerista onsloviana* | 0.38 | 26 | 292.7 | 85 | 4377 | 11 | 0.36 | reduced | 10074.9 |
| *Lerista orientalis* | *Lerista orientalis* | 0.3 | 26.8 | 864 | 110.4 | 2980 | 11.29 | -0.03 | reduced | 613473.4 |
| *Lerista parameles* | *NA* | 0.63 | 23.4 | 899 | 110.5 | 2737 | 11.5 | 0.37 | reduced | 213.7 |
| *Lerista petersoni* | *Lerista petersoni* | NA | 25 | 259.3 | 78.7 | 5205 | 10.92 | 0.37 | reduced | 53512.1 |
| *Lerista picturata* | *Lerista picturata* | NA | 18.4 | 264.6 | 23.8 | 4708 | 11.09 | 0.65 | reduced | 172738.8 |
| *Lerista planiventralis* | *Lerista planiventralis* | NA | 22.9 | 299.8 | 78.5 | 4450 | 11.11 | 0.38 | reduced | 111772.5 |
| *Lerista praepedita* | *Lerista praepedita* | NA | 21.4 | 362.3 | 76.1 | 4454 | 11.22 | -0.02 | limbless | 106473.5 |
| *Lerista punctatovittata* | *Lerista punctatovittata* | 0.7 | 20.3 | 399 | 35.2 | 5589 | 11.12 | 0.79 | reduced | 1426405.4 |
| *Lerista puncticauda* | *Lerista puncticauda* | NA | 19.2 | 221.5 | 27.4 | 5185 | 10.8 | 0.57 | reduced | 9735 |
| *Lerista quadrivincula* | *Lerista quadrivincula* | NA | 26.8 | 279.8 | 94.1 | 3912 | 10.85 | 0.03 | reduced | 1015.2 |
| *Lerista robusta* | *Lerista robusta* | 0.61 | 28.3 | 491.3 | 117.5 | 3959 | 11.13 | 0.26 | reduced | 3239.2 |
| *Lerista rochfordensis* | *Lerista rochfordensis* | NA | 23.6 | 678.9 | 80.1 | 3502 | 10.87 | 0.52 | reduced | 363.9 |
| *Lerista rolfei* | *Lerista rolfei* | NA | 24.9 | 254.3 | 75.2 | 5643 | 10.88 | -0.05 | reduced | 106156.1 |
| *Lerista separanda* | *Lerista separanda* | NA | 27.5 | 681.7 | 122.2 | 2958 | 11.2 | -0.49 | reduced | 52679.9 |
| *Lerista simillima* | *Lerista simillima* | 0.3 | 28.4 | 613.5 | 121.2 | 3346 | 11.16 | 0.09 | reduced | 15039.8 |
| *Lerista speciosa* | *Lerista speciosa* | 0.3 | 19.9 | 285 | 41.2 | 6289 | 10.8 | 0.01 | reduced | 3678.1 |
| *Lerista stictopleura* | *Lerista stictopleura* | NA | 24.5 | 249.2 | 76.1 | 6007 | 10.93 | 0.15 | reduced | 1470.6 |
| *Lerista storri* | *Lerista storri* | 0.3 | 24.4 | 855.1 | 114.1 | 2796 | 11.46 | 0.4 | reduced | 14805.6 |
| *Lerista stylis* | *Lerista stylis* | NA | 27 | 1359.7 | 104.4 | 2072 | 11.42 | 0.12 | limbless | 11150.2 |
| *Lerista taeniata* | *Lerista taeniata* | 0.18 | 22.2 | 278.8 | 47.6 | 5686 | 10.82 | -0.1 | reduced | 1565451.8 |
| *Lerista talpina* | *Lerista talpina* | 0.48 | 25.1 | 277 | 77 | 3926 | 11.74 | -0.36 | reduced | 10 |
| *Lerista terdigitata* | *Lerista terdigitata* | NA | 17.4 | 315 | 34 | 4317 | 11.16 | 0.35 | reduced | 104465.9 |
| *Lerista timida* | *NA* | 0.42 | 21 | 313.8 | 40.9 | 5704 | 10.97 | 0.05 | reduced | 3880712.8 |
| *Lerista tridactyla* | *Lerista tridactyla* | 0.59 | 17.8 | 272.8 | 20.3 | 4305 | 11.24 | 0.21 | reduced | 38757.5 |
| *Lerista uniduo* | *Lerista uniduo* | 0.48 | 24 | 242.4 | 72.2 | 5049 | 10.95 | 0.2 | reduced | 137381 |
| *Lerista vanderduysi* | *NA* | NA | 22.5 | 741.2 | 106.3 | 3430 | 11.5 | 0.31 | reduced | 3976.6 |
| *Lerista varia* | *Lerista varia* | NA | 22.5 | 260 | 86.6 | 3290 | 10.9 | 0.56 | reduced | 8001.8 |
| *Lerista verhmens* | *Lerista verhmens* | 0.54 | 26.1 | 337.6 | 92.5 | 4821 | 10.93 | -0.01 | reduced | 145990.6 |
| *Lerista vermicularis* | *Lerista vermicularis* | 0.72 | 26.7 | 381.6 | 90.2 | 5122 | 10.87 | -0.2 | reduced | 338305.8 |
| *Lerista viduata* | *Lerista viduata* | 0.41 | 16.3 | 395.8 | 24.2 | 3548 | 11.36 | 0.21 | fully limbed | 548 |
| *Lerista vittata* | *Lerista vittata* | 0.78 | 23.6 | 724.4 | 75.6 | 3601 | 11.48 | 0.44 | reduced | 518.3 |
| *Lerista walkeri* | *Lerista walkeri* | 0.48 | 26.6 | 1326.6 | 117.5 | 1855 | 11.36 | 0.34 | reduced | 23436.7 |
| *Lerista wilkinsi* | *Lerista wilkinsi* | NA | 22.9 | 603.1 | 86 | 4077 | 11.37 | 0.43 | reduced | 8726.2 |
| *Lerista xanthura* | *Lerista xanthura* | NA | 25.4 | 296.7 | 68.3 | 6027 | 10.78 | 0.15 | reduced | 491755.2 |
| *Lerista yuna* | *Lerista yuna* | NA | 20.8 | 335.5 | 70.2 | 5169 | 11.33 | 0.29 | reduced | 2191.1 |
| *Lerista zonulata* | *Lerista zonulata* | 0.3 | 23.7 | 770.1 | 101.2 | 3274 | 11.46 | 0 | reduced | 178448.1 |
| *Liburnascincus artemis* | *NA* | NA | 25.5 | 1195.7 | 113.7 | 1843 | 11.63 | 0.56 | fully limbed | 2529.8 |
| *Liburnascincus coensis* | *Liburnascincus coensis* | NA | 25 | 1440.5 | 109 | 1453 | 11.87 | 0.82 | fully limbed | 7030.7 |
| *Liburnascincus mundivensis* | *Liburnascincus mundivensis* | NA | 22.8 | 918.5 | 85 | 3347 | 11.56 | 0.62 | fully limbed | 194851.8 |
| *Liburnascincus scirtetis* | *Liburnascincus scirtetis* | NA | 25.4 | 1597 | 98 | 1876 | 11.66 | 0.83 | fully limbed | 26 |
| *Liopholis guthega* | *Liopholis guthega* | NA | 6.8 | 1285.8 | 22.4 | 4763 | 11.85 | 1.51 | fully limbed | 1108.2 |
| *Liopholis inornata* | *Liopholis inornata* | 0.7 | 20.9 | 240.7 | 35 | 5921 | 10.84 | 1.11 | fully limbed | 2541547.1 |
| *Liopholis kintorei* | *Liopholis kintorei* | NA | 24.2 | 334.8 | 66.9 | 5602 | 10.85 | 2.35 | fully limbed | 1336754.1 |
| *Liopholis margaretae* | *Liopholis margaretae* | NA | 22.3 | 299.9 | 52.5 | 6172 | 10.88 | 1.54 | fully limbed | 166363 |
| *Liopholis modesta* | *Liopholis modesta* | 0.3 | 18.4 | 720.5 | 36 | 4792 | 11.6 | 1.49 | fully limbed | 299217.7 |
| *Liopholis montana* | *Liopholis montana* | NA | 10.5 | 1002.1 | 21.2 | 4575 | 11.82 | 1.48 | fully limbed | 40858.2 |
| *Liopholis multiscutata* | *Liopholis multiscutata* | NA | 17.3 | 343 | 33.6 | 4348 | 11.21 | 1.28 | fully limbed | 568850.2 |
| *Liopholis personata* | *NA* | 0.36 | 18.4 | 248.2 | 20.6 | 5698 | 10.93 | 1.43 | fully limbed | 66520.8 |
| *Liopholis pulchra* | *Liopholis pulchra* | NA | 16.6 | 733.7 | 67.2 | 3582 | 11.6 | 1.47 | fully limbed | 82245.5 |
| *Liopholis slateri* | *Liopholis slateri* | 0.58 | 22.2 | 283.4 | 50 | 6215 | 10.84 | 1.29 | fully limbed | 73309.2 |
| *Liopholis striata* | *Liopholis striata* | 0.3 | 24 | 314.9 | 66.1 | 5627 | 10.86 | 1.55 | fully limbed | 2261381.9 |
| *Liopholis whitii* | *Liopholis whitii* | 0.52 | 15 | 711.3 | 25 | 4432 | 11.59 | 1.5 | fully limbed | 832101 |
| *Lissolepis coventryi* | *Lissolepis coventryi* | 0.36 | 13.2 | 823.4 | 22.5 | 3587 | 11.66 | 1.9 | fully limbed | 109274.5 |
| *Lissolepis luctuosa* | *Lissolepis luctuosa* | 0.3 | 16.1 | 889 | 68.6 | 3190 | 11.71 | 1.7 | fully limbed | 42083.2 |
| *Lygisaurus abscondita* | *Lygisaurus abscondita* | NA | 25.2 | 909.2 | 117.8 | 2748 | 11.71 | -0.36 | fully limbed | 170.5 |
| *Lygisaurus aeratus* | *Lygisaurus aeratus* | 0.3 | 25.3 | 1355.8 | 110.4 | 1725 | 11.66 | 0.01 | fully limbed | 122772.7 |
| *Lygisaurus foliorum* | *Lygisaurus foliorum* | 0.46 | 20.4 | 779 | 53.3 | 4291 | 11.54 | 0.18 | fully limbed | 842593 |
| *Lygisaurus laevis* | *Lygisaurus laevis* | 0.34 | 22.4 | 2437.7 | 79.5 | 2298 | 11.8 | -0.06 | fully limbed | 11367.4 |
| *Lygisaurus macfarlani* | *Lygisaurus macfarlani* | 0.32 | 26.1 | 1704.5 | 87.6 | 1135 | 11.66 | 0.03 | fully limbed | 94490 |
| *Lygisaurus malleolus* | *Lygisaurus malleolus* | NA | 23.9 | 1219.4 | 105.8 | 2160 | 11.67 | -0.26 | fully limbed | 36639.8 |
| *Lygisaurus parrhasius* | *Lygisaurus parrhasius* | 0.7 | 25.8 | 1611.1 | 102.8 | 1212 | 11.75 | -0.14 | fully limbed | 769.6 |
| *Lygisaurus rimula* | *Carlia rimula* | 0.38 | 25.3 | 1439.8 | 109.3 | 1440 | 11.74 | 0.01 | fully limbed | 11980.6 |
| *Lygisaurus rococo* | *Lygisaurus rococo* | NA | 22.7 | 812.4 | 109.3 | 2869 | 11.57 | 0.21 | fully limbed | 950.6 |
| *Lygisaurus sesbrauna* | *Lygisaurus sesbrauna* | NA | 25.7 | 1373.6 | 108.4 | 1553 | 11.68 | -0.18 | fully limbed | 44260.6 |
| *Lygisaurus tanneri* | *Lygisaurus tanneri* | 0.3 | 25.2 | 1691.6 | 96.6 | 1789 | 11.88 | -0.06 | fully limbed | 3356.7 |
| *Lygisaurus zuma* | *Lygisaurus zuma* | 0.3 | 22.7 | 1400.9 | 90.3 | 3069 | 11.78 | -0.15 | fully limbed | 14785 |
| *Menetia alanae* | *Menetia alanae* | 0.36 | 27.2 | 1281.8 | 107.9 | 2094 | 11.49 | -0.36 | fully limbed | 137935.2 |
| *Menetia concinna* | *Menetia concinna* | NA | 27.7 | 1533.2 | 106.8 | 1773 | 11.61 | -0.31 | fully limbed | 2356.3 |
| *Menetia greyii* | *Menetia greyii* | 0.7 | 22.4 | 419.6 | 60 | 5069 | 11.03 | 0.05 | fully limbed | 7074448.3 |
| *Menetia maini* | *Menetia maini* | 0.57 | 26.3 | 684 | 103.8 | 3688 | 11.14 | -0.26 | fully limbed | 1319453.7 |
| *Menetia surda* | *Menetia surda* | NA | 25.2 | 301.4 | 85 | 5004 | 10.94 | -0.26 | fully limbed | 342735.6 |
| *Morethia adelaidensis* | *Morethia adelaidensis* | 0.44 | 19.8 | 239.9 | 29 | 5518 | 10.86 | 0.62 | fully limbed | 1707089.6 |
| *Morethia boulengeri* | *Morethia boulengeri* | 0.31 | 20.7 | 381.6 | 39.9 | 5576 | 11.04 | 0.54 | fully limbed | 3302069.4 |
| *Morethia butleri* | *Morethia butleri* | 0.64 | 20 | 245.3 | 34.1 | 5385 | 10.91 | 0.54 | fully limbed | 1275921.1 |
| *Morethia lineoocellata* | *Morethia lineoocellata* | 0.48 | 20.9 | 415.7 | 73.7 | 4559 | 11.25 | 0.54 | fully limbed | 259510.7 |
| *Morethia obscura* | *Morethia obscura* | NA | 18.5 | 306 | 32.9 | 4927 | 11.08 | 0.52 | fully limbed | 1568655 |
| *Morethia ruficauda* | *Morethia ruficauda* | 0.78 | 25.3 | 457.7 | 83.1 | 4937 | 10.96 | 0.24 | fully limbed | 3133775.4 |
| *Morethia storri* | *Morethia storri* | 0.29 | 26.9 | 835 | 111.6 | 3015 | 11.26 | -0.02 | fully limbed | 910498.8 |
| *Morethia taeniopleura* | *Morethia taeniopleura* | 0.3 | 23 | 876.2 | 78.1 | 3500 | 11.51 | 0.18 | fully limbed | 736535.7 |
| *Nangura spinosa* | *Nangura spinosa* | NA | 19.5 | 982.8 | 49.5 | 3813 | 12 | 1.26 | fully limbed | 110 |
| *Notoscincus butleri* | *Notoscincus butleri* | NA | 25.4 | 372.5 | 94.1 | 4750 | 10.96 | 0.12 | fully limbed | 40112.7 |
| *Notoscincus ornatus* | *Notoscincus ornatus* | 0.43 | 25.4 | 488.9 | 87.2 | 4751 | 11 | 0.07 | fully limbed | 3561379.5 |
| *Ophioscincus cooloolensis* | *Ophioscincus cooloolensis* | 0.4 | 21.6 | 1061.1 | 51.3 | 3327 | 11.6 | 0.04 | limbless | 18329.2 |
| *Ophioscincus ophioscincus* | *Ophioscincus ophioscincus* | 0.6 | 20.3 | 978.5 | 47.3 | 3728 | 11.78 | 0.36 | limbless | 41104.7 |
| *Ophioscincus truncatus* | *Ophioscincus truncatus* | 0.52 | 18.6 | 1263.6 | 42.5 | 3627 | 11.74 | 0.16 | limbless | 37027.5 |
| *Proablepharus reginae* | *Proablepharus reginae* | 0.45 | 24.5 | 375 | 72.7 | 5260 | 10.89 | 0.08 | fully limbed | 2311039.4 |
| *Proablepharus tenuis* | *Proablepharus tenuis* | 0.6 | 25.9 | 779.6 | 104.2 | 3348 | 11.27 | -0.26 | fully limbed | 1533991.1 |
| *Pseudemoia baudini* | *Pseudemoia baudini* | 0.3 | 17.5 | 301.6 | 33 | 3530 | 11.02 | 0.44 | fully limbed | 89650.8 |
| *Pseudemoia cryodroma* | *Pseudemoia cryodroma* | 0.3 | 10.4 | 1061.2 | 22.9 | 4467 | 11.82 | 0.62 | fully limbed | 22939.7 |
| *Pseudemoia entrecasteauxii* | *Pseudemoia entrecasteauxii* | 0.6 | 14.1 | 712.9 | 23.6 | 4236 | 11.58 | 0.73 | fully limbed | 583234.3 |
| *Pseudemoia pagenstecheri* | *Pseudemoia pagenstecheri* | 0.46 | 12.8 | 842.4 | 23 | 4102 | 11.73 | 0.81 | fully limbed | 250687 |
| *Pseudemoia rawlinsoni* | *Pseudemoia rawlinsoni* | 0.65 | 12.5 | 873.3 | 22.4 | 3872 | 11.71 | 0.69 | fully limbed | 144656.6 |
| *Pseudemoia spenceri* | *Pseudemoia spenceri* | NA | 12.9 | 840.2 | 19.5 | 4275 | 11.72 | 0.73 | fully limbed | 191793.5 |
| *Pygmaeascincus koshlandae* | *Pygmaeascincus koshlandae* | NA | 24.8 | 1184.9 | 109.9 | 2020 | 11.65 | -0.45 | fully limbed | 75717.5 |
| *Pygmaeascincus timlowi* | *Pygmaeascincus timlowi* | 0.3 | 21.9 | 756.1 | 64.1 | 4083 | 11.5 | -0.4 | fully limbed | 530273.3 |
| *Saiphos equalis* | *Saiphos equalis* | 0.52 | 16.9 | 898.5 | 34.2 | 4279 | 11.72 | 0.65 | reduced | 245723.8 |
| *Saproscincus basiliscus* | *Saproscincus basiliscus* | NA | 22.6 | 2044.7 | 85 | 2587 | 11.84 | 0.36 | fully limbed | 22505.2 |
| *Saproscincus challengeri* | *Saproscincus challengeri* | NA | 18.5 | 1156.3 | 42.4 | 3698 | 11.89 | 0.59 | fully limbed | 19136.4 |
| *Saproscincus czechurai* | *Saproscincus czechurai* | NA | 22.3 | 2242.2 | 82.1 | 2345 | 11.89 | 0.05 | fully limbed | 13187.3 |
| *Saproscincus eungellensis* | *Saproscincus eungellensis* | NA | 20.6 | 1630.8 | 81.3 | 3201 | 11.99 | 0.77 | fully limbed | 391.7 |
| *Saproscincus hannahae* | *Saproscincus hannahae* | 0.54 | 22.7 | 1397.5 | 84.3 | 3142 | 11.73 | 0.13 | fully limbed | 10833.2 |
| *Saproscincus lewisi* | *Saproscincus lewisi* | NA | 24.6 | 2084.9 | 93.2 | 1860 | 11.94 | 0.15 | fully limbed | 1565.7 |
| *Saproscincus mustelinus* | *Saproscincus mustelinus* | 0.4 | 13.9 | 922.4 | 24 | 4080 | 11.73 | 0.71 | fully limbed | 212849.6 |
| *Saproscincus oriarus* | *Saproscincus oriarus* | NA | 19.3 | 1459.4 | 34.9 | 3268 | 10.78 | 0.15 | fully limbed | 4911 |
| *Saproscincus rosei* | *Saproscincus rosei* | NA | 17.2 | 1106.7 | 42.1 | 3894 | 11.85 | 0.73 | fully limbed | 65674.2 |
| *Saproscincus saltus* | *Saproscincus saltus* | NA | 23.5 | 1705 | 106 | 1501 | 11.41 | 0.15 | fully limbed | 10.7 |
| *Saproscincus spectabilis* | *Saproscincus spectabilis* | NA | 17.2 | 1162.2 | 39.2 | 3793 | 11.76 | 0.62 | fully limbed | 66672.6 |
| *Saproscincus tetradactylus* | *Saproscincus tetradactylus* | 0.5 | 22.5 | 2299.3 | 81.4 | 2556 | 11.85 | -0.22 | fully limbed | 14781.5 |
| *Silvascincus murrayi* | *Silvascincus murrayi* | 0.3 | 17.2 | 1171.3 | 41 | 3803 | 11.81 | 1.44 | fully limbed | 75207.1 |
| *Silvascincus tryoni* | *Silvascincus tryoni* | 0.36 | 16.9 | 1615 | 43.1 | 3409 | 11.95 | 1.39 | fully limbed | 629.1 |
| *Techmarscincus jigurru* | *Techmarscincus jigurru* | NA | 17.7 | 4749 | 61.5 | 2196 | 10.74 | 1.02 | fully limbed | 30.3 |
| *Tiliqua adelaidensis* | *Tiliqua adelaidensis* | NA | 15.3 | 441.6 | 36.9 | 4418 | 11.5 | 1.43 | fully limbed | 11850.6 |
| *Tiliqua multifasciata* | *Tiliqua multifasciata* | 1.04 | 24.8 | 376.5 | 75.8 | 5283 | 10.88 | 2.87 | fully limbed | 3512580.5 |
| *Tiliqua nigrolutea* | *Tiliqua nigrolutea* | 0.9 | 13 | 899.9 | 22.6 | 3919 | 11.68 | 3.16 | fully limbed | 363007.2 |
| *Tiliqua occipitalis* | *Tiliqua occipitalis* | 0.3 | 20 | 270 | 37.3 | 5406 | 10.94 | 2.96 | fully limbed | 2511015.1 |
| *Tiliqua rugosa* | *Tiliqua rugosa* | 0.3 | 19.1 | 382.4 | 33.8 | 5256 | 11.11 | 3.09 | fully limbed | 3236351 |
| *Tiliqua scincoides* | *Tiliqua scincoides* | 0.28 | 21.5 | 666.5 | 61.8 | 4263 | 11.32 | 3.21 | fully limbed | 3476649.9 |
| *Tumbunascincus luteilateralis* | *Tumbunascincus luteilateralis* | NA | 19.3 | 1728.2 | 83.5 | 3064 | 11.92 | 1.49 | fully limbed | 180 |

Species refers to the species name in the August 2020 version of the Reptile database (Uetz et al. 2020). Name is tree is the equivalent name in the phylogenetic tree of Tonini et al. (2016). Temperature is mean annual temperature (in ºC, BIO1, Temperature seasonality: BIO4), Precipitation (BIO12, precipitation seasonality BIO15) is in mm. NPP (g carbon per m2, per year) and body mass (in g) values are log 10 transformed. Body masses are species maxima. Range size is in km2.

**Table S3.** List of measurements taken for each specimen of skink. All measurements were taken with the specimen ventral side up and from the left side of the body where possible.

| **Measurement** | **Abbreviation** | **Method** |
| --- | --- | --- |
| Snout-Vent Length | SVL | Specimen was positioned flat on a steel ruler and measured from tip of nose to vent. |
| Snout-Axilla Length | SAL | Measured from tip of the snout to midpoint of juncture between the front-limb and body. |
| Inter-limb Length | ILL | Specimen was placed ventral side up with limbs held perpendicular to body. Measurement taken along the midline of the body, from level of crease of the front-limb to level of crease of hind-limb. |
| Body Width | BW | Midpoint of ILL from one lateral side to the other. |
| Body Height | BH | Measured using same midpoint used for BW, with calipers positioned on dorsal and ventral sides of the specimen. Specimen was squeezed slightly to reduce bulge. |
| Pelvic Width | PW | Measurement taken at midpoints of hind-limbs from crease of left limb to crease of right limb. |
| Pelvic Height | PH | Taken from same point used for PW, with calipers placed on dorsal and ventral surfaces of specimen. Specimen was squeezed slightly to reduce bulge. |
| Head Width | HW | Measured across widest part of head from one dorsolateral edge to the other. |
| Head Length | HL | Taken from anterior edge of the ear (or dimple for earless species) to tip of snout. |
| Head Depth | HD | With the calipers placed on the dorsal surface and ventral surface of the head, measured at tallest part of head. Calipers were slightly squeezed to flatten any soft-tissue bulge of the jaw. |
| Front-limb Length | FLL | Measured from crease of limb to the longest toe with limb stretched out perpendicular to body. |
| Hind-limb Length | HLL | Measured from crease of limb to the longest toe with limb stretched out perpendicular to body. |
| Tail Width | TW | Measured at base of vent from one dorsolateral edge to the other. |

**Table S4.** Effects of biome on geographic range size of all Australian mainland skinks. Means and sd values back-transformed from logarithms.

|  |  |  |  |
| --- | --- | --- | --- |
| **biome** | **# species** | **mean range size (km2)** | **sd** |
| Deserts & xeric shrublands | 127 | 198,461.1 | 15.8 |
| Mediterranean forests, woodlands & scrub | 48 | 35,158.7 | 10.5 |
| Montane grasslands & savannas | 1 | 1,108.2 | NA |
| Temperate broadleaf mixed forests | 61 | 62,497.7 | 9.7 |
| Temperate grasslands, savannas & shrublands | 3 | 362,823.8 | 4.8 |
| Tropical & subtropical grasslands, savannas & shrublands | 168 | 34,938.2 | 19.3 |
| Tropical & subtropical moist broadleaf forest | 30 | 5,344.9 | 10.6 |

**Table S5.** Results of phylogenetic mixed models investigating effects of environmental covariates on geographic range size in 9 paired sets of Australian skinks. SVL was a covariate in all models except those noted with an asterisk.

|  |  |  |  |
| --- | --- | --- | --- |
| Parameter | Estimate (median) | 2.5% Credible Interval | 97.5% Credible Interval |
| SVL\* | 7.768938e-08 | -7.283716e-05 | 7.293002e-05 |
| SAL | 6.668399e-07 | -4.339920e-04 | 4.347795e-04 |
| ILL | -5.236725e-07 | -3.370119e-04 | -3.370119e-04 |
| BW | -4.692737e-07 | -4.270348e-04 | 4.269470e-04 |
| PW | -1.822625e-06 | -9.842860e-04 | 9.858558e-04 |
| PH | -2.055695e-06 | -7.528487e-04 | 7.437990e-04 |
| HW | -3.388030e-06 | -9.402136e-04 | 9.354000e-04 |
| HL | -3.928108e-07 | -7.406764 e-04 | 7.344181e-04 |
| HD | 1.406934e-06 | -9.103468e-04 | 9.093580e-04 |
| TW | 1.253710e-06 | -7.797952e-04 | 7.785853e-04 |
| FLL | -7.614903e-07 | -4.673851e-04 | 4.673028e-04 |
| HLL | -3.489804e-07 | 3.184006e-04 | 3.186304e-04 |
| Clutch size | -6.190107e-01 | -1.091266e+01 | 5.516162e+00 |
| Annual rainfall\* | -3.544198e+00 | -5.796652e+00 | -1.274022e+00 |
| Mean annual temperature\* | -2.798991e-01 | -5.759805e-01 | 1.795408e-02 |

Map

Description automatically generated

**Fig. S1.** Biomes in Australia; from Olson et al. (2001).