**Table S2.** Synopsis of the all sampled population in all surveyed sites in the study area. Species codes: Li=*Lissotriton italicus*; Lv=*Lissotriton vulgaris*; Tc=*Triturus carnifex*. Sex codes: M=males; F=females; N=number of sampled individuals; SVL=average snout-vent-lenght (cm).

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Site | Species | Sex | N | SVL | St. Dev. |
| 1 | Tc | M | 6 | 5.97 | 0.39 |
| F | 8 | 6.35 | 0.65 |
| Tot | 14 | 6.19 | 0.57 |
| 2 | Tc | M | 7 | 7.22 | 0.41 |
| F | 4 | 7.79 | 0.28 |
| Tot | 11 | 7.43 | 0.46 |
| 3 | Li | M | 4 | 3.25 | 0.26 |
| F | 7 | 3.80 | 0.35 |
| Tot | 11 | 3.60 | 0.41 |
| Lv | M | 20 | 4.34 | 0.20 |
| F | 11 | 4.36 | 0.22 |
| Tot | 31 | 4.34 | 0.20 |
| Tc | M | 12 | 6.84 | 0.60 |
| F | 8 | 7.14 | 0.91 |
| Tot | 20 | 6.96 | 0.73 |
| 4 | Li | M | 11 | 3.26 | 0.12 |
| F | 16 | 3.77 | 0.16 |
| Tot | 27 | 3.56 | 0.30 |
| Tc | M | 8 | 7.26 | 0.41 |
| F | 12 | 7.15 | 0.70 |
| Tot | 20 | 7.19 | 0.59 |
| 5 | Lv | M | 7 | 4.36 | 0.17 |
| F | 9 | 4.66 | 0.24 |
| Tot | 16 | 4.53 | 0.26 |
| Tc | M | 6 | 6.42 | 0.57 |
| F | 8 | 6.95 | 0.78 |
| Tot | 14 | 6.72 | 0.72 |
| 6 | Li | M | 11 | 3.22 | 0.13 |
| F | 9 | 3.85 | 0.27 |
| Tot | 20 | 3.50 | 0.38 |
| Lv | M | 2 | 4.26 | 0.27 |
| F | 0 | - | - |
| Tot | 2 | 4.26 | 0.27 |
| Tc | M | 15 | 6.79 | 0.51 |
| F | 15 | 7.20 | 0.73 |
| Tot | 30 | 6.99 | 0.65 |
| 7 | Li | M | 1 | 3.37 | - |
| F | 3 | 4.19 | 0.22 |
| Tot | 4 | 3.98 | 0.45 |
| Tc | M | 14 | 7.64 | 0.45 |
| F | 8 | 8.01 | 0.89 |
| Tot | 22 | 7.78 | 0.65 |
| 8 | Lv | M | 15 | 4.06 | 0.26 |
| F | 9 | 4.32 | 0.23 |
| Tot | 24 | 4.16 | 0.27 |
| Tc | M | 1 | 6.63 | - |
| F | 7 | 6.95 | 0.62 |
| Tot | 8 | 6.90 | 0.59 |
| 9 | Lv | M | 2 | 4.11 | 0.18 |
| F | 0 | - | - |
| Tot | 2 | 4.11 | 0.18 |
| Tc | M | 6 | 6.67 | 0.44 |
| F | 14 | 7.33 | 0.62 |
| Tot | 20 | 7.13 | 0.64 |
| 10 | Li | M | 3 | 3.05 | 0.23 |
| F | 7 | 3.62 | 0.15 |
| Tot | 10 | 3.45 | 0.32 |
| 11 | Li | M | 4 | 3.12 | 0.25 |
| F | 10 | 3.32 | 0.14 |
| Tot | 14 | 3.26 | 0.19 |
| 12 | Lv | M | 0 | - | - |
| F | 1 | 4.53 | - |
| Tot | 1 | 4.53 | - |
| Tc | M | 0 | - | - |
| F | 4 | 7.10 | 1.41 |
| Tot | 4 | 7.10 | 1.41 |
| 13 | Lv | M | 39 | 4.10 | 0.21 |
| F | 30 | 4.31 | 0.24 |
| Tot | 69 | 4.19 | 0.25 |
| Tc | M | 24 | 6.70 | 0.54 |
| F | 13 | 7.12 | 0.85 |
| Tot | 37 | 6.85 | 0.69 |
| 14 | Li | M | 11 | 3.27 | 0.20 |
| F | 12 | 3.83 | 0.21 |
| Tot | 23 | 3.56 | 0.35 |
| 15 | Li | M | 5 | 3.51 | 0.23 |
| F | 10 | 4.01 | 0.39 |
| Tot | 15 | 3.84 | 0.42 |
| 16 | Lv | M | 15 | 4.37 | 0.29 |
| F | 12 | 4.44 | 0.26 |
| Tot | 27 | 4.40 | 0.28 |
| Tc | M | 9 | 7.01 | 0.31 |
| F | 12 | 7.13 | 0.79 |
| Tot | 21 | 7.08 | 0.62 |
| 17 | Li | M | 15 | 2.93 | 0.15 |
| F | 15 | 3.27 | 0.12 |
| Tot | 30 | 3.10 | 0.22 |
| Tc | M | 10 | 6.73 | 0.50 |
| F | 5 | 7.07 | 0.42 |
| Tot | 15 | 6.84 | 0.49 |
| All sites | Li | M | 65 | 3.24 | 0.23 |
| F | 89 | 3.78 | 0.35 |
| Tot | 154 | 3.47 | 0.39 |
| Lv | M | 100 | 4.21 | 0.26 |
| F | 72 | 4.68 | 0.26 |
| Tot | 172 | 4.28 | 0.27 |
| Tc | M | 118 | 6.87 | 0.61 |
| F | 118 | 7.15 | 0.77 |
| Tot | 236 | 7.01 | 0.71 |