**Appendix 2.** Geographic sampling of the *Mustela sibirica* specimens used for morphological analysis

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sample | males | females | Total | Approximate coordinates | |
| NL | EL |
| Russia | | | | | |
| Altai Mountain Region | 15 | 0 | 15 | 53.11 | 79.25 |
| Baikal Lake region | 17 | 0 | 17 | 53.25 | 107.95 |
| Baraba steppe | 50 | 30 | 80 | 55.45 | 78.3 |
| Chita Oblast | 8 | 0 | 8 | 52.02 | 117.35 |
| Khabarovsk Krai | 7 | 0 | 7 | 50.63 | 135.47 |
| Krasnoyarsk Krai (north) | 40 | 32 | 72 | 63.16 | 91.55 |
| Krasnoyarsk Krai (south) | 27 | 0 | 27 | 55.01 | 93.19 |
| Primorsky Krai | 69 | 31 | 100 | 43.65 | 132.86 |
| Sakha (Yakutia) Republic | 7 | 0 | 7 | 60.56 | 128.46 |
| Tomsk Oblast | 20 | 0 | 20 | 58.32 | 82.92 |
| Tyva Republic | 1 | 0 | 1 | 52.47 | 96.12 |
| Tyumen Oblast | 33 | 0 | 33 | 55.94 | 67.69 |
| Urals Region | 27 | 6 | 33 | 55.67 | 59.62 |
| Zeya River basin, Amur Oblast | 26 | 0 | 26 | 52.20 | 126.10 |
| Afghanistan | 0 | 1 | 1 | 34.93 | 70.91 |
| Myanmar (former Burma) | 3 | 0 | 3 | 25.69 | 97.11 |
| India | 3 | 4 | 7 | 29.78 | 83.17 |
| Mongolia | 8 | 0 | 8 | 47.54 | 116.77 |
| Nepal | 1 | 0 | 1 | 28.29 | 84.69 |
| Korean Peninsula | | | | | |
| northern Korean Peninsula | 6 | 0 | 6 | 38.08 | 127.05 |
| Jeju Island | 2 | 0 | 2 | 33.38 | 126.53 |
| China | | | | | |
| Fuzhou | 2 | 0 | 2 | 26.08 | 119.31 |
| Guangdong Peninsula | 2 | 0 | 2 | 38.92 | 121.37 |
| Harbin | 2 | 0 | 2 | 45.75 | 126.63 |
| Heilongjiang | 1 | 0 | 1 | 48.00 | 129.00 |
| Hubei | 2 | 0 | 2 | 31.18 | 112.15 |
| Lhasa (Tibet Autonomous Region) | 1 | 0 | 1 | 29.65 | 91.10 |
| Manchuria | 1 | 0 | 1 | 46.30 | 129.63 |
| Shaanxi (south-east) | 1 | 0 | 1 | 32.65 | 108.99 |
| Shandong | 1 | 0 | 1 | 36.67 | 116.98 |
| Shanghai | 41 | 0 | 41 | 31.17 | 121.47 |
| Siaolin | 3 | 0 | 3 | 22.28 | 113.17 |
| Sichuan | 1 | 0 | 1 | 27.88 | 102.27 |
| no exact locality | 1 | 0 | 1 |  |  |
| Japan | | | | | |
| Kyushu and Honshu islands | 4 | 0 | 4 | 34.34 | 130.30 |
| Tsushima Island | 18 | 0 | 18 | 34.42 | 129.33 |
| Total: | 451 | 104 | 555 |  |  |