Table S1: *Podarcis muralis*

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Date of observation** | **Time of observation** | **Number of individuals observed** | **Age groups** | | | **Behaviour**  locomotor activity (la), basking (b) | **Flattened body while basking** | **Environmental conditions** | **Temperature at the time of observation, °C** | | **Minimum night/morning temperature °C** |
| **Ad.** | **Subad.** | **Juv.** | **Air temperature** | **Substrate temperature** |
| First winter: | | | | | | | | | | | |
| 29.12.2015 | 2:30 p.m. | 14 | + | + | + | la and b | + | sunny | 11 | 28 | -2.5 |
| 09.01.2016 | 4:30 p.m. | 2 | + | - | - | b | + | sunny | 14 | 19 | -1.5 |
| 11.01.2016 | 12:30 p.m. | 13 | + | + | + | la and b | + | sunny | 17 | 22.5 | 4 |
| 13.01.2016 | 4:00 p.m. | 29 | + | + | + | la and b | + | sunny | 10 | 24 | 2 |
| 14.01.2016 | 2:30 p.m. | 47 | + | + | + | la and b | + | sunny | 10.5 | 31 | -1 |
| 19.01.2016 | 4:45 p.m. | 0 | - | - | - | - | - | sunny | 0 | 9 | -11 |
| 21.01.2016 | 2:30 p.m. | 3 | + | - | - | b | + | sunny | -1 | 21.5 | -12.5 |
| 22.01.2016 | 3:00 p.m. | 7 | + | + | - | b | + | sunny with light wind | -0.5 | 24.5 | -8.5 |
| 23.01.2016 | 2:20 p.m. | 1 | - | + | - | b | + | sunny | -4 | 23 | -14.5 |
| 24.01.2016 | 1:15 p.m. | 0 | - | - | - | - | - | partly cloudy | -6.5 | 9 | -16 |
| 25.01.2016 | 12:30 p.m. | 0 | - | - | - | - | - | sunny | 0 | 14.5 | -7.5 |
| 27.01.2016 | 1:45 p.m. | 0 | - | - | - | - | - | sunny | 8 | 29.5 | -0.5 |
| 30.01.2016 | 2:00 p.m. | 23 | + | + | + | la and b | + | sunny | 13 | 31.5 | 0 |
| 03.02.2016 | 1:30 p.m. | 33 | + | + | + | mostly la and less b | - | sunny with light wind | 20.5 | 32.5 | 5.5 |
| 06.02.2016 | 1:50 p.m. | 46 | + | + | + | la and b | + | sunny with light wind | 6.5 | 25.5 | -1 |
| 08.02.2016 | 1:45 p.m. | 39 | + | + | + | la and b | + | sunny with light wind | 10.5 | 28.5 | -3 |
| 14.02.2016 | 2:30 p.m. | 27 | + | + | + | b | + | sunny with moderate wind | 18 | 20.5 | 5.5 |
| 15.02.2016 | 2:30 p.m. | 58 | + | + | + | mostly la and less b | + | sunny with moderate wind | 20.5 | 30.5 | 13 |
| Second winter: | | | | | | | | | | | |
| 03.12.2016 | 2:05 p.m. | 34 | + | + | + | la and b | + | sunny | 7.5 | 29.5 | -1 |
| 04.12.2016 | 2:15 p.m. | 8 | + | + | + | b | + | sunny | 3.5 | 21 | -6 |
| 05.12.2016 | 2:45 p.m. | 40 | + | + | + | la and b | + | sunny | 6.5 | 29.5 | -3.5 |
| 06.12.2016 | 2:30 p.m. | 18 | + | + | + | b | + | partly cloudy | 7.5 | 23 | 2 |
| 08.12.2016 | 3:00 p.m. | 6 | + | + | + | b | + | sunny | 4.5 | 24.5 | -6.5 |
| 09.12.2016 | 3:30 p.m. | 11 | + | + | + | b | + | sunny | 7 | 25.5 | -5.5 |
| 10.12.2016 | 2:00 p.m. | 21 | + | + | + | la and b | + | sunny | 11 | 29.5 | -4 |
| 10.12.2016 | 4:00 p.m. | 9 | + | + | + | b | + | sunny | 12.5 | 27 | -4 |
| 11.12.2016 | 1:40 p.m. | 18 | + | + | + | la and b | + | sunny | 9 | 30 | -3 |
| 12.12.2016 | 1:00 p.m. | 3 | + | - | - | b | + | sunny with strong wind | 9.5 | 14.5 | -2 |
| 13.12.2016 | 2:15 p.m. | 11 | + | + | + | b | + | sunny with light wind | 3 | 25 | -4 |
| 14.12.2016 | 1:45 p.m. | 9 | + | + | + | b | + | sunny | 2.5 | 22 | -8.5 |
| 16.12.2016 | 3:00 p.m. | 7 | + | - | - | b | + | sunny | 5.5 | 21.5 | -0.5 |
| 17.12.2016 | 1:30 p.m. | 10 | + | + | + | b | + | sunny | 2 | 27 | -6 |
| 18.12.2016 | 2:00 p.m. | 3 | - | + | + | b | + | partly cloudy | 3.5 | 20.5 | -8 |
| 19.12.2016 | 12:45 p.m. | 7 | + | + | + | b | + | sunny | 1 | 27.5 | -8 |
| 20.12.2016 | 1:30 p.m. | 8 | + | + | + | b | + | sunny | 3 | 28 | -8 |
| 21.12.2016 | 2:00 p.m. | 11 | + | + | + | b | + | sunny with moderate wind | 4.5 | 26.5 | -4.5 |
| 23.12.2016 | 12:45 p.m. | 6 | + | + | + | b | + | sunny | 8 | 23 | -4 |
| 24.12.2016 | 1:30 p.m. | 7 | + | + | + | b | + | sunny | 2.5 | 24.5 | -6.5 |
| 29.12.2016 | 1:45 p.m. | 2 | + | - | - | b | + | sunny with strong wind | 2 | 15.5 | -2 |
| 02.01.2017 | 1:30 p.m. | 0 | - | - | - | - | - | sunny | 0 | 21 | -9 |
| 03.01.2017 | 1:30 p.m. | 0 | - | - | - | - | - | sunny | 2.5 | 17 | -8.5 |
| 28.01.2017 | 2:00 p.m. | 1 | - | - | + | b | + | sunny | 1.5 | 22 | -10.5 |
| 30.01.2017 | 1:30 p.m. | 1 | + | - | - | b | + | sunny with light wind | 3 | 19.5 | -6.5 |
| 01.02.2017 | 3:15 p.m. | 5 | + | - | - | b | + | sunny | 9 | 28.5 | -1.5 |
| 02.02.2017 | 3:00 p.m. | 14 | + | + | + | la and b | + | sunny | 9.5 | 31 | -4 |
| 03.02.2017 | 4:00 p.m. | 18 | + | + | + | la and b | + | sunny | 14 | 23.5 | 1.5 |
| 05.02.2017 | 4:00 p.m. | 33 | + | + | + | mostly la and less b | + | partly cloudy | 16.5 | 23 | 5.5 |
| 09.02.2017 | 2:45 p.m. | 33 | + | + | + | la and b | + | sunny | 9.5 | 22.5 | 2 |
| 14.02.2017 | 4:30 p.m. | 36 | + | + | + | la and b | + | sunny | 7 | 29.5 | -6 |
| 27.02.2017 | 3:00 p.m. | 47 | + | + | + | la and b | + | sunny | 15.5 | 32 | 6 |