**Table S1**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Year | Season | Mice | Precipitation | Arthropod | Seabird | Salamander |
| 2001 | Winter |  | 7.5±8.3 |  |  |  |
| 2001 | Spring | 0.09±0.06 | 0.7±1.2 |  | 12.0±11.5 |  |
| 2001 | Summer | 0.29±0.07 | 0.2±0.4 |  | 40.7±47.7 |  |
| 2001 | Fall | 0.78±0.06 | 12.3±9.4 |  |  |  |
| 2002 | Winter | 0.31±0.33 | 4.8±0.9 |  |  |  |
| 2002 | Spring | 0.02±0.03 | 1.8±2.5 |  | 67.3±62 |  |
| 2002 | Summer | 0.12±0.13 | 0.1±0.2 |  | 68.0±43.4 |  |
| 2002 | Fall | 0.55±0.26 | 10.8±11.6 |  | 4.3±2.1 |  |
| 2003 | Winter | 0.37±0.27 | 4.7±1.2 |  | 5.0±1.0 |  |
| 2003 | Spring | 0.03±0.04 | 3.7±4.6 |  | 56.7±34.1 |  |
| 2003 | Summer | 0.24±0.21 | 0.2±0.3 |  | 95.3±47.6 |  |
| 2003 | Fall | 0.60±0.16 | 8.2±9.2 |  | 0.3±0.6 |  |
| 2004 | Winter | 0.22±0.18 | 12.8±9.5 |  | 2.3±4.0 |  |
| 2004 | Spring | 0.11 | 3.2±4.5 |  | 29.0±19.1 |  |
| 2004 | Summer |  | 0.0±0.1 |  | 53.0±36.9 |  |
| 2004 | Fall |  | 4.4±5.7 |  | 0.0±0.0 |  |
| 2005 | Winter |  | 12.1±3.1 |  | 1.0±1.7 |  |
| 2005 | Spring |  | 7.8±4.4 |  | 9.0±11.5 |  |
| 2005 | Summer |  | 0.5±0.4 |  | 6.0±5.6 |  |
| 2005 | Fall |  | 11.3±8.3 |  | 0.3±0.6 |  |
| 2006 | Winter |  | 12.9±6.5 |  | 1.3±0.6 |  |
| 2006 | Spring |  | 0.4±0.6 |  | 13.0±5.6 |  |
| 2006 | Summer |  | 0.0±0.0 |  | 8.0±3.5 |  |
| 2006 | Fall |  | 5.1±2.5 |  | 0.0±0.0 |  |
| 2007 | Winter |  | 4.5±2.9 |  | 0.3±0.6 |  |
| 2007 | Spring |  | 0.3±0.2 |  | 9.0±3.6 |  |
| 2007 | Summer |  | 1.5±1.8 |  | 32.7±29.1 |  |
| 2007 | Fall |  | 8.3±6.6 |  | 0.0±0.0 |  |
| 2008 | Winter |  | 4.0±5.3 |  | 0.7±0.6 | 74.8±16.6 |
| 2008 | Spring |  | 0.2±0.1 |  | 20.7±11.0 | 21.7±35.8 |
| 2008 | Summer |  | 0.3±0.3 |  | 43.3±14.6 | 0.0±0.0 |

**Table S1 (continued)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Year | Season | Mice | Precipitation | Arthropod | Seabird | Salamander |
| 2008 | Fall |  | 3.4±1.3 |  | 1.3±2.3 | 19.5 |
| 2009 | Winter |  | 6.6±6.6 |  | 0.7±1.2 | 35.2±1.3 |
| 2009 | Spring |  | 1.0±1.5 |  | 15.0±10.5 | 22.2±33.4 |
| 2009 | Summer |  | 1.8±2.0 |  | 15.0±7.9 | 0.0±0.0 |
| 2009 | Fall |  | 6.3±6.7 |  | 2.7±2.5 | 17.5 |
| 2010 | Winter |  | 7.5±3.5 |  | 1.7±2.9 | 42.5±27.8 |
| 2010 | Spring |  | 2.8±2.3 |  | 11.7±2.5 | 41.9±20.9 |
| 2010 | Summer |  | 0.1±0.1 |  | 14.3±15.6 | 7.8±6.7 |
| 2010 | Fall |  | 4.9±4.1 |  | 0.0±0.0 | 13.0±5.3 |
| 2011 | Winter | 0.46±0.33 | 8.4±4.4 |  | 2.3±2.1 | 43.3±19 |
| 2011 | Spring | 0.08±0.01 | 5.9±7.1 |  | 18.0±17.3 | 19.2±21.8 |
| 2011 | Summer | 0.48±0.29 | 1.9±2.9 |  | 32.0±6.6 | 4.5±2.6 |
| 2011 | Fall | 0.74±0.36 | 3.6±3.1 |  | 2.3±2.1 | 12.8±16.6 |
| 2012 | Winter | 0.09±0.05 | 3.5±2.8 |  | 2.7±3.1 | 35.5±21.5 |
| 2012 | Spring | 0.0±0.0 | 5.1±5.7 |  | 20.7±2.5 | 36.0±27.8 |
| 2012 | Summer |  | 0.2±0.1 |  | 45.0±11.3 | 0.7±1.2 |
| 2012 | Fall |  | 6.0±6.6 |  | 5.3±6.1 | 14.0±8.5 |
| 2013 | Winter |  | 6.3±7.9 |  | 6.0±8.7 | 35.4±12.7 |
| 2013 | Spring | 0.08 | 2.2±1.4 |  | 57.3±21.4 | 27.0±23.6 |
| 2013 | Summer | 0.37 | 0.6±0.5 |  | 57.7±50.3 | 0.0±0.0 |
| 2013 | Fall | 0.86 | 1.2±1.3 |  | 0.0±0.0 | 24.0±8.5 |
| 2014 | Winter |  | 4.9±8.5 | 3.2±0.8 | 21.3±18.7 | 26±36.2 |
| 2014 | Spring |  | 3.6±3.9 | 4.7±0.6 | 41.0±26.0 | 32.5±23.0 |
| 2014 | Summer |  | 0.2±0.2 | 1.1±0.3 | 42.0±31.4 | 0.0±0.0 |
| 2014 | Fall |  | 3.5±3.5 | 1.6±0.4 | 5.0±2.6 | 3.0±4.2 |
| 2015 | Winter |  | 12.1±17.2 |  | 9.7±9.1 | 38.2±36.8 |
| 2015 | Spring |  | 0.9±1.4 |  | 27.7±16.9 | 16.3±24.5 |
| 2015 | Summer |  | 0.2±0.2 |  | 25.0±18.7 | 0.0±0.0 |
| 2015 | Fall |  | 1.4±2.0 |  | 1.0±1.7 | 5.5 |
| 2016 | Winter |  | 7.9±5.8 |  | 6.0±2.6 | 30.5±14.3 |
| 2016 | Spring |  | 5.3±6.6 |  | 14.3±8.4 | 22.7±21.5 |
| 2016 | Summer |  | 0.2±0.1 |  | 31.3±24.2 | 0.0±0.0 |
| 2016 | Fall | 0.63±0.01 | 6.1±5.7 |  | 3.3±3.5 | 1.0±1.4 |
| 2017 | Winter | 0.16±0.03 | 15.8±4.9 |  | 7.3±6.4 | 17.7±12.7 |
| 2017 | Spring | 0.06 | 5.1±4.7 |  | 26.3±4.9 | 17.2±16.4 |
| 2017 | Summer | 0.85 | 0.3±0.2 |  | 30.7±14 | 0.0±0.0 |
| 2017 | Fall | 0.89±0.01 | 1.9±2.5 |  | 5.3±5.1 | 2.0±3.5 |
| 2018 | Winter | 0.15±0.06 | 6.8±9.2 |  | 6.5±2.1 | 15.8±9.5 |