Table S2: Environmental data for each of the 14 lochs on North Uist

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Mean depth (m) | Area (m) | Mean pH | Mean CPUE sticklebacks | Log( *P. pungitius* density) | Mean Ca2+ Concentration |
| Bharpa (Bhar) | 4.14 | 538536 | 6.03 | 2.02 | 0.00 | 3.42E-05 |
| Buaile (Buai) | 0.84 | 16516 | 6.73 | 9.76 | 0.00 | 6.01E-05 |
| Chadha Ruaidh (Chru) | 0.82 | 21309 | 6.58 | 8.13 | 0.00 | 5.00E-05 |
| Daimh (Daim) | 1.24 | 36066 | 6.50 | 2.45 | 2.78 | 5.20E-05 |
| Dubhasaraidh (Dubh) | 1.36 | 226363 | 6.79 | 3.18 | 3.65 | 6.45E-05 |
| Hosta (Host) | 4.24 | 258301 | 8.34 | 10.84 | 3.35 | 7.23E-04 |
| Magarlan (Maga) | 0.80 | 64600 | 7.75 | 1.84 | 4.17 | 2.91E-4 |
| Maighdein (Maig) | 3.40 | 96070 | 7.06 | 1.65 | 1.09 | 7.70E-05 |
| Mhic A'Roin (Aroi) | 0.91 | 65416 | 6.48 | 0.79 | 3.92 | 6.54E-05 |
| Mhic Gille Bhride (Gill) | 1.01 | 140597 | 6.80 | 0.97 | 2.94 | 6.04E-05 |
| Moracha (Mora) | 2.56 | 378284 | 6.35 | 1.44 | 0.45 | 5.83E-05 |
| Reival (Reiv) | 0.74 | 60999 | 8.95 | 42.79 | 2.98 | 4.49E-4 |
| Scadavay (Scad) | 3.05 | 5516207 | 6.14 | 30.43 | 1.65 | 3.27E-05 |
| Tormasad (Torm) | 1.89 | 210793 | 6.84 | 16.88 | 0.00 | 9.19E-05 |