**Table S6** General Linear Model results of relationships between soil, leaf, acorn or weevil Mg and climate variables (MAP = mean annual precipitation, MAT=mean annual temperature). “ns” indicates no significant relationship.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Mg | n | Model (r2) | | |
| MAP | MAT | MAP\*MAT |
| Soil | 35 | 0.457 | 0.131 | 0.452 |
| Leaf | 36 | 0.168 | 0.175 | 0.189 |
| Acorn | 21 | 0.224 | 0.289 | 0.273 |
| Weevil | 20 | ns | 0.353 | 0.348 |