**Supplementary Material**

**Rough Soil Surface and High-Forb Seed Mix Promote Ecological Restoration**

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**Regressions used to correct ocular estimates in double sampling for biomass.** Similar to prior work (Ahmed et al. 1983), we found including an intercept made little difference in the correction factor. We chose to apply the regression without an intercept in order to avoid negative or inflated corrected estimates for very small values. However, the regression results with an intercept are included here along with the corresponding R2 values, as R2 values in the absence of an intercept are not easily interpretable.

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|  |  | **Regression with intercept** | **Regression slope without intercept** |
| **Species Group** | **Species Included** | **n** | **Intercept** | **slope** | ***R2*** |
| ACMI | *Achillea millefolium* | 14 | 0.11 | 1.51 | 0.99 | 1.51 |
| ARTR | *Artemisia tridentata* | 68 | 1.41 | 1.33 | 0.96 | 1.33 |
| BG | *native perennial grasses* | 111 | 2.79 | 1.47 | 0.70 | 1.61 |
| ERUM | *Eriogonum umbellatum* | 79 | 0.54 | 1.49 | 0.73 | 1.59 |
| HEBO | *Hedysarum boreale* | 23 | 0.16 | 1.00 | 0.98 | 1.00 |
| LILE | *Linum lewisii* | 42 | 0.20 | 1.73 | 0.80 | 1.79 |
| annuals | *Bromus tectorum, Salsola tragus* | 41 | -0.01 | 0.97 | 0.82 | 0.96 |
| rosette forbs | *Penstemon* sp*., Packera multilobata, other forbs* | 89 | 0.04 | 1.54 | 0.63 | 1.55 |
| Non-ARTR shrubs | *Chrysothamnus* sp*., Atriplex* sp*, Krashenninikovia lanata* | 23 | 0.09 | 0.91 | 0.99 | 0.91 |