Appendix 1

eSTZ data products reviewed and scored

Authors	Year	Publication	Journal
Bradley St. Clair, J., Kilkenny, F. F., Johnson, R. C., Shaw, N. L., & Weaver, G.	2013	Genetic variation in adaptive traits and seed transfer zones for *Pseudoroegneria spicata* (bluebunch wheatgrass) in the northwestern United States	*Evolutionary Applications*, 6(6), 933-948
Doherty, K. D., Butterfield, B. J., & Wood, T. E.	2017	Matching seed to site by climate similarity: techniques to prioritize plant materials development and use in restoration	*Ecological Applications*, 27(3), 1010-1023
Erickson, V. J., Mandel, N. L., & Sorensen, F. C.	2004	Landscape patterns of phenotypic variation and population structuring in a selfing grass, *Elymus glaucus* (blue wildrye)	*Canadian Journal of Botany*, 82(12), 1776-1789
Johnson, R. C., Erickson, V. J., Mandel, N. L., St Clair, J. B., & Vance-Borland, K. W.	2010	Mapping genetic variation and seed zones for *Bromus carinatus* in the Blue Mountains of eastern Oregon, USA	*Botany*, 88(8), 725-736
Johnson, R. C., Cashman, M. J., & Vance-Borland, K.	2012	Genecology and seed zones for Indian ricegrass collected in the southwestern United States	*Rangeland Ecology & Management*, 65(5), 523-532
Johnson, R. C., Hellier, B. C., & Vance-Borland, K. W.	2013	Genecology and seed zones for tapertip onion in the US Great Basin	*Botany*, 91(10), 686-694
Johnson, R. C., Horning, M. E., Espeland, E. K., & Vance-Borland, K.	2015	Relating adaptive genetic traits to climate for Sandberg bluegrass from the intermountain western United States	*Evolutionary Applications*, 8(2), 172-184
Johnson, R. C., & Vance-Borland, K.	2016	Linking genetic variation in adaptive plant traits to climate in tetraploid and octoploid basin wildrye [*Leymus cinereus* (Scribn. & Merr.) A. Love] in the Western US	*PLoS One*, 11(2), e0148982
Johnson, R. C., Leger, E. A., & Vance-Borland, K.	2017	Genecology of Thurber's Needlegrass (*Achnatherum thurberianum* [Piper] Barkworth) in the Western United States	*Rangeland Ecology & Management*, 70(4), 509-517
Massatti, R.	2019	Genetically-informed seed transfer zones for *Pleuraphis jamesii*, *Sphaeralcea parvifolia*, and *Sporobolus cryptandrus* across the Colorado Plateau and adjacent regions.	*USGS Report*, 37
Massatti, R., & Winkler, D. E.	2022	Spatially explicit management of genetic diversity using ancestry probability surfaces	*Methods in Ecology and Evolution*, 13(12), 2668-2681

Authors	Year	Publication	Journal
Shryock, D. F., Havrilla, C. A., DeFalco, L. A., Esque, T. C., Custer, N. A., & Wood, T. E.	2017	Landscape genetic approaches to guide native plant restoration in the Mojave Desert	*Ecological Applications*, 27(2), 429-445