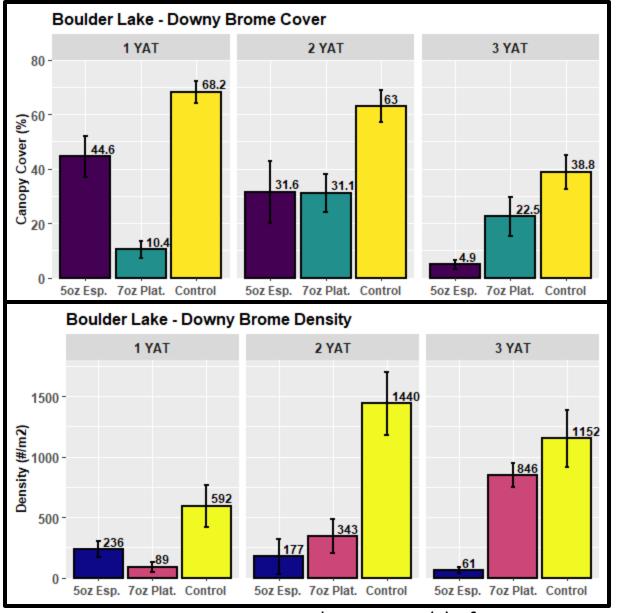
Long-term Cheatgrass (*Bromus tectorum*) Seedling Reduction with Indaziflam in Sagebrush-Grassland Plant Communities in Sublette County, WY US

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Advised by Dr. Paul Meiman

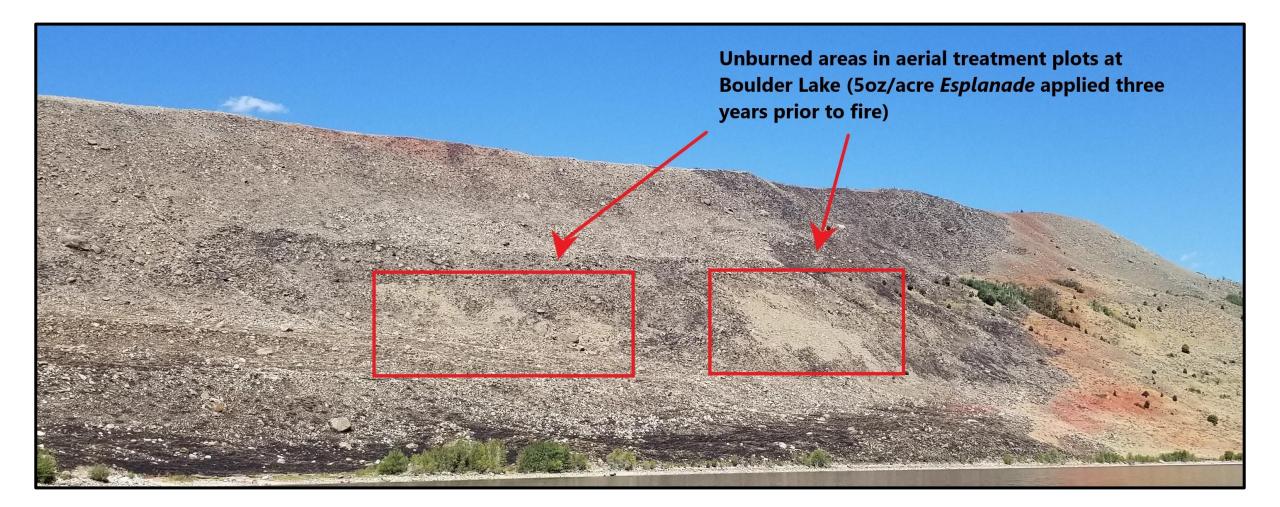


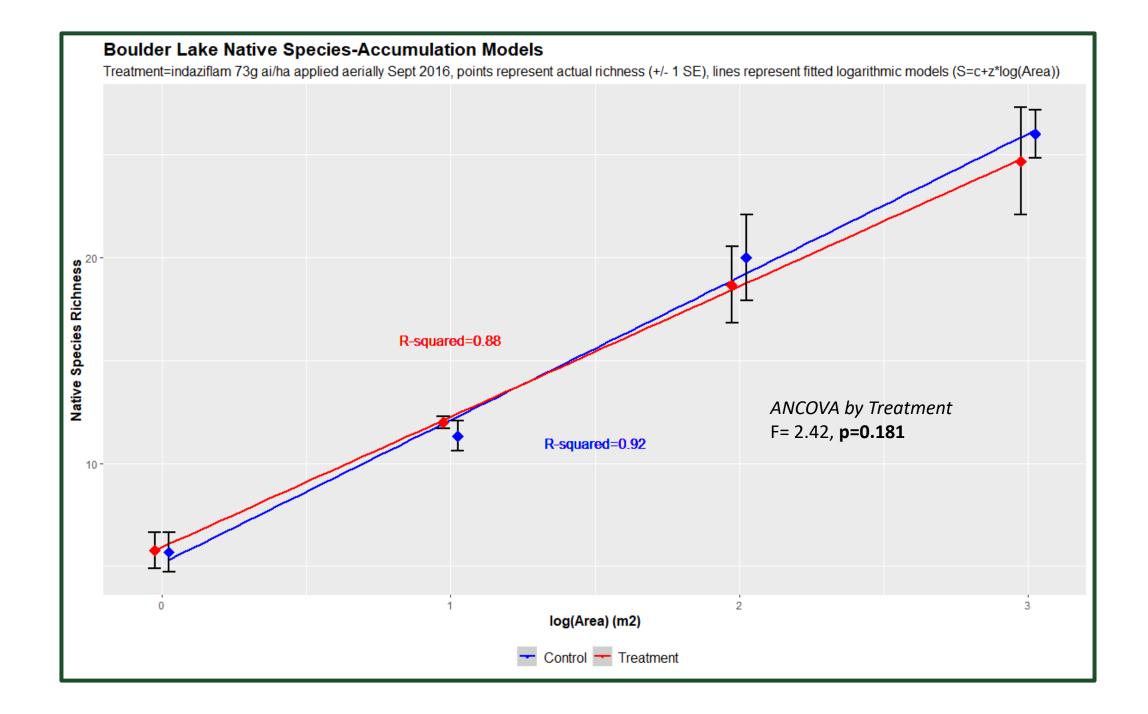


<sup>\*</sup>YAT = year(s) after treatment

- Indaziflam (Rejuvra<sup>®</sup>, Bayer) and imazapic (Plateau<sup>®</sup>, BASF) treatments applied September 2016.
- Imazapic initially provided better cheatgrass reductions (1 YAT), but control improved in indaziflam treatments and declined in imazapic treatments over time.
- 3 YAT and 4 YAT (data not shown) indaziflam treatments have very little cheatgrass while imazapic plots are similar to controls.
- Indaziflam treatment may have depleted the cheatgrass seed bank at Boulder Lake.
- Sampling scheduled to continue for 2 more years with retreatment of some plots.







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Research Brief on the Boulder Lake Fire <u>http://www.southernrockiesfirescience.org/research-publications-</u> <u>1/2020/6/23/long-term-cheatgrass-reduction-with-indaziflam-in-</u> <u>sagebrush-grassland-plant-communities-in-sublette-county-</u> <u>wyoming</u>

