

Chin, A., Solverson, A.P., O'Dowd, A.P., Florsheim, J.L., Kinoshita, A.M., Nourbakhshbeidokhti, S., Sellers, S.M., Tyner, L., and Gidley, R., 2019, Interacting geomorphic and ecological response of step-pool streams after wildfire: GSA Bulletin, <https://doi.org/10.1130/B35049.1>.

## Data Repository

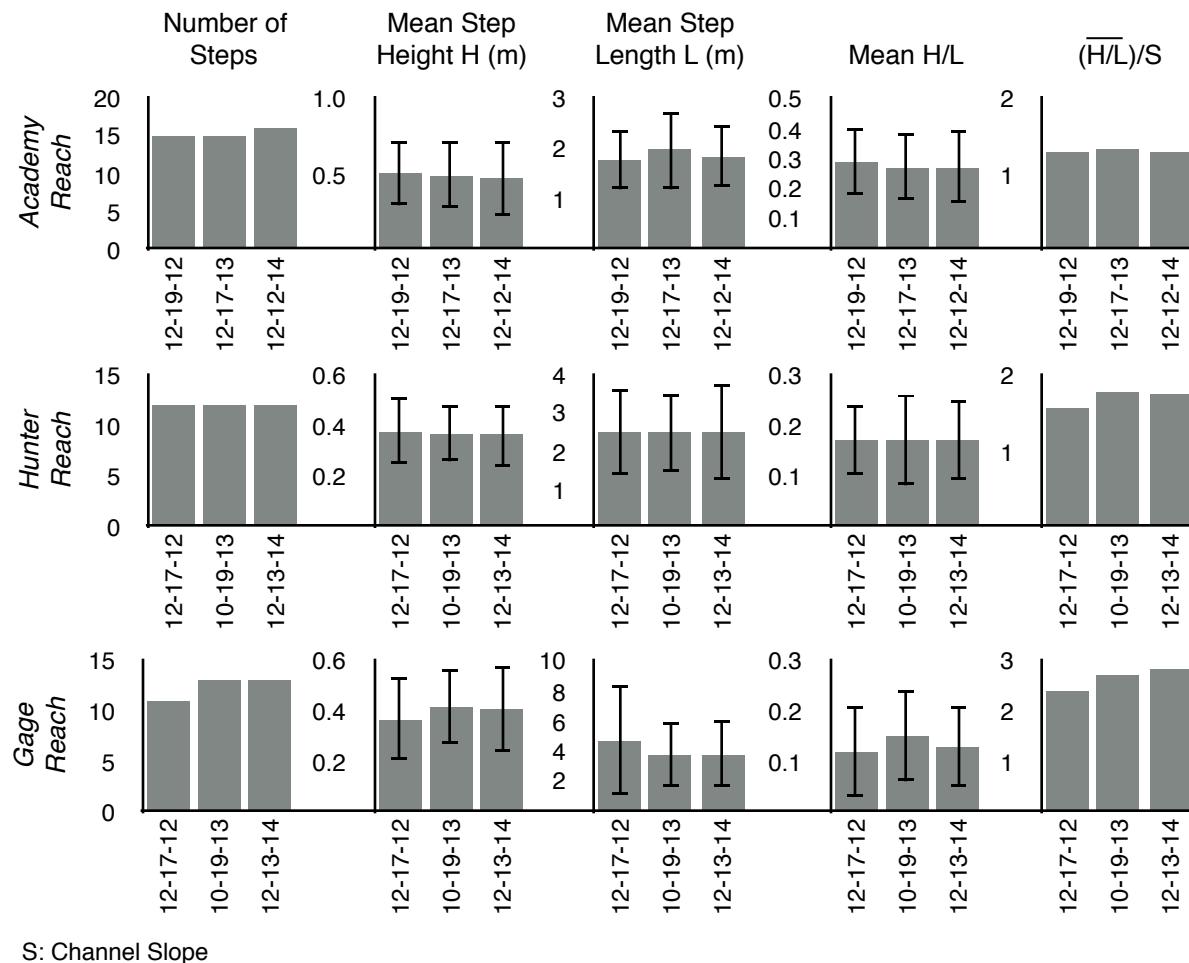
**Supplemental Figure 1.** Unburned reference reaches: Morphological characteristics of step-pool sequences.

**Supplemental Figure 2.** Reaches affected by low severity burn: Morphological characteristics of step-pool sequences.

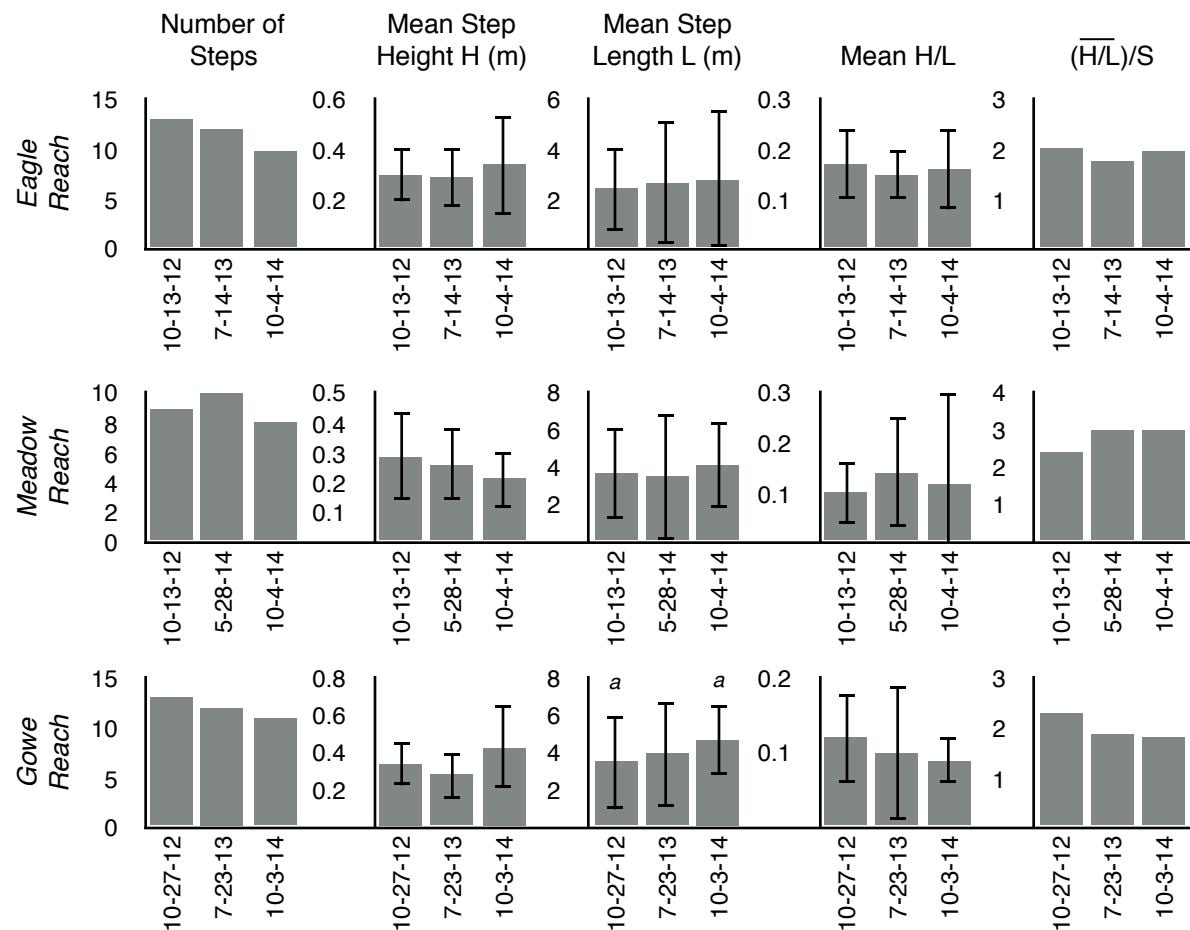
**Supplemental Figure 3.** Reach affected by high severity burn: Morphological characteristics of steppool sequences.

**Supplemental Figure 4.** Reaches affected by moderate severity burn: Morphological characteristics of step-pool sequences.

**Supplemental Figure 1.** Unburned reference reaches: Morphological characteristics of step-pool sequences.

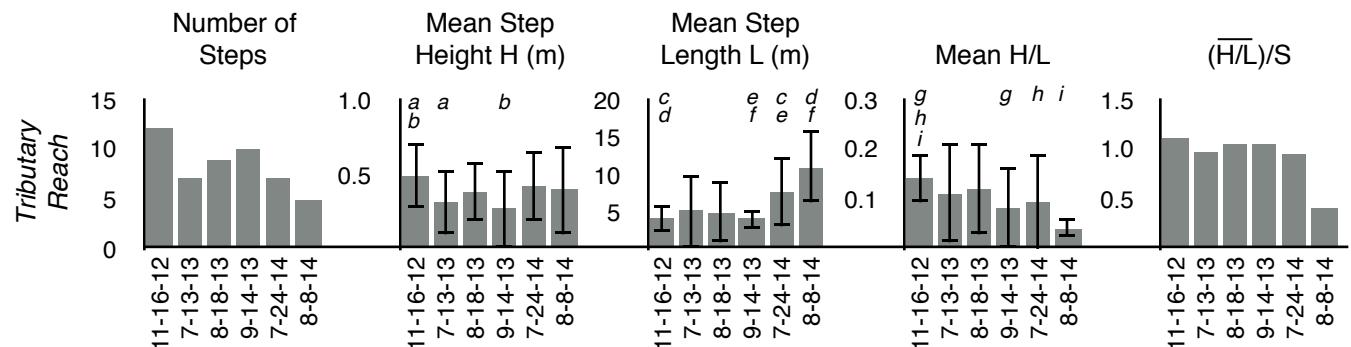


**Supplemental Figure 2.** Reaches affected by low severity burn: Morphological characteristics of step-pool sequences



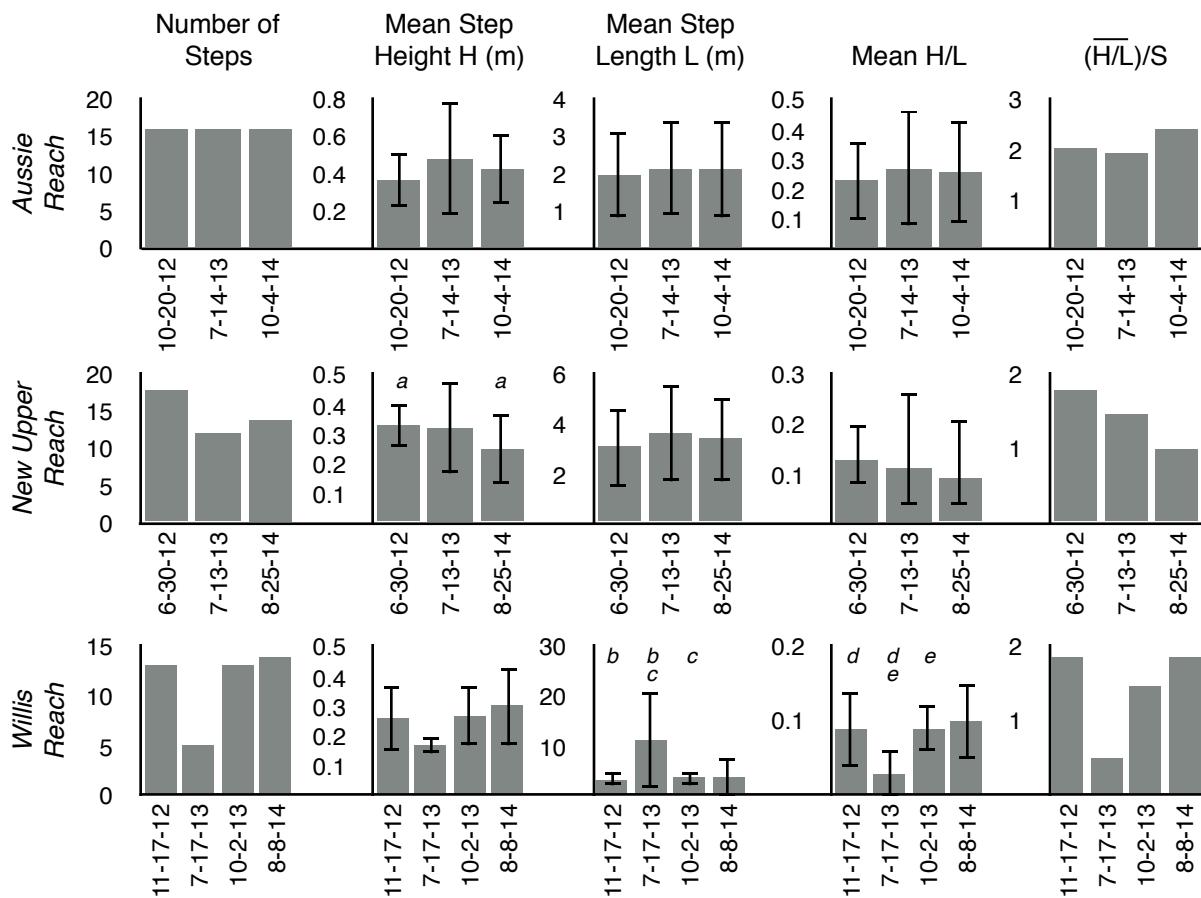
Matching letters indicate significant difference: <sup>a</sup>p=0.0489  
 S: Channel Slope

**Supplemental Figure 3.** Reach affected by high severity burn: Morphological characteristics of step-pool sequences



S: Channel Slope

**Supplemental Figure 4.** Reaches affected by moderate severity burn: Morphological characteristics of step-pool sequences



Matching letters indicate significant difference: <sup>a</sup>p=0.0942, <sup>b</sup>p=0.0684, <sup>c</sup>p=0.0684, <sup>d</sup>p=0.0684, <sup>e</sup>p=0.0684  
S: Channel Slope