

**Price Spring Exclosure and Adjacent sites  
2011**

**Grand Canyon Trust  
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The Price Spring exclosure was completed in 2010, allowing observations of a second year within the exclosure. The following are photos regarding four obvious responses: (1) aspen recruitment (Figs. 1-2); (2) sagebrush/shrub understory densification (Figs. 3-4); (3) fenceline contrasts (Figs. 5-8); and (4) aggradation of the deeply incised spring seep due to capture of sediment with newly-established vegetation (Figs. 9-10; note Fig. 11 in 2006)..

The exclosure will need to be maintained, and transects inside and outside the exclosure will be interesting in the coming years, particularly at the upland edges, as the nature, rate, and extent of upland recovery is less familiar than riparian recovery. The exclosure will help answer some questions about the potential production, composition, and ecosystem functioning of Ten Mile Allotment.



Fig. 1 Rapid recovery of aspen within Price Spring exclosure



Fig. 2 Aspen recruitment within Price Spring exclosure



Fig. 3 Understory vegetation filling interspaces between shrubs in enclosure



Fig. 4 Dense upland vegetation within enclosure



Fig. 5 Livestock reaching through enclosure fence to graze grass.



Fig. 6 The difference in microhabitat between grazed and non-grazed riparian meadow is illustrated here.



Fig. 7 Roadside grazing in comparison to enclosure area



Fig. 8 Groundcover differences inside and outside enclosure (excluding the trailing)



Fig. 9 Vegetation is capturing sediment and aggrading the incised bank within enclosure



Fig. 10 Aggradation at base of side-channel headcut within the enclosure



Fig. 11 Side-channel headcut of Fig. 10 in 2006 lacking vegetation to aggrade main channel