

Squirrel Alley Repairs

7/4/09 and 8/11/09

The routes in Squirrel Alley get a large amount of traffic due to their proximity to the Wrinkled Rock trail head, moderate climbing, and relative easy to scramble around the back to set up top ropes. These routes had poor anchors and a few bolts that were also in bad shape. Since these routes see so much traffic, it was important to equip them with quality hardware.

Not To Steep For My Lichen 5.8 (Ron Yahne 7/4/09)

This route had poor anchors, both setups had bolts that were loose and or had pulled far out from the rock. The bolts were only 3" non stainless wedge bolts, not enough depth to be considered since they wiggled and had pulled out far. Ron replaced the anchors and the top two bolts on this route. New anchor holes were drilled at the top and previous holes patched.

Anchors:

Existing- 3/8 by 3" non stainless wedge bolts (x2)

Metolius stainless steel hanger (x2)

2 Quick links

Chain

Existing Bolts:

3/8 by 3" non stainless wedge bolt (x 2)

Metolius stainless hanger (x 2)

BHCC Hardware Installed-

4 Triple Bolts

4 Standard Petzl Hangers

3 Stainless quick links

3 Stainless chain links

Route Right of Not To Steep For My Lichen (Name unknown grade ~ 5.8) (Ron Yahne 7/4/09)

This route had no previous anchors so climbers used the anchors on Not To Steep. The anchors did not work well for this route as the climber had to traverse 15 feet to the left to reach the anchors. This also did not work well for top rope set-ups.

BHCC Hardware Installed:

- 2 Triplex Bolts
- 1 Petzl Standard hanger
- 1 Fixe bottom hanger
- 3 stainless chain links
- 2 stainless quick links

Route Left of Not To Steep for My Lichen (Name unknown grade ~5.10) (Ron Yahne and Jason McNabb 8/11/09)

This route had a loose anchor bolt and the other anchor bolt had pulled out so nearly an inch was sticking out from the hanger. These anchor bolts pulled out with disconcerting ease. We pulled and patched the anchor and installed a new anchor in it's place. We moved the anchor location down about a foot to better bolt locations where they still can be accessed from the top for top roping convenience. At this time we have left the original quick links and chain on the anchors as we did not have any more quick links to complete this repair. We will return and swap out the old non stainless hardware with BHCC stainless quick links and chain.

Anchors:

Existing Hardware-
3/8 by 3" non stainless wedge bolts (x2)
Metolius stainless hanger (x2)

BHCC Hardware Installed
2 Triplex Bolts
2 Petzl Standard hangers

Vespidae 5.9 (Ron Yahne 7/5/09) Hornets Nest

Ron had to remove the Fixe triplex bolts (#3 on route) that would not tighten from the repair effort last year. He drilled a new hole and installed a new Fixe triplex bolt. He patched the previous hole.

BHCC Hardware Installed
1 Triplex Bolt

**Existential Angst 5.10 (Ron Yahne and Jason McNabb 5/13/09)
Chopping Block/North Park Area FORMATION-Stinger**

This route had poor anchors that needed to be replaced. The north park area of Rushmore gets a lot of traffic due to it's density of well protected moderate routes. Existential Angst is an older route in this area, and the other routes in this area a relatively new by comparison and look to be in good shape at this time.

Anchors:

Existing Hardware

3/8 by 3" non stainless wedge bolts (x 2)

3/8 " welded cold shuts (rusted) (x 2)

BHCC Hardware Installed:

2 Triplex Bolts

1 Standard Petzl Hanger

1 Fixe bottom Hanger

3 Stainless Quick Links

3 Stainless Chain links

Bolts:

Existing bolts looked to be in good shape

We torqued them to 25 lbs.