

climbing was predominately enjoyable 5th class crack climbing. We spent three nights on the wall, the first two in hammocks. NCCS VI, F10, A4.

JAMES D. BRIDWELL

Half Dome. In October Dale Bard and I did a new route on the northwest face of Half Dome. The route is on the right side of the face. The first 900 feet followed a huge arch with very awkward, strenuous, loose, expanding aid climbing. The upper part required many holes (105 total). Dale, who has done all the routes on Half Dome's northwest face, said this route was certainly the most difficult. The climb required eight days of continuous climbing, with four pitches fixed. The route is extremely steep, strenuous, and dangerous, with no retreat possible. NCCS VI, F10, A4+.

JAMES D. BRIDWELL

Glacier Point Apron, Hoser's Highway. Eric Sanford, Greg Davis, Scott Woodruff and I on April 20 put up a new route on Glacier Point Apron, starting between Patio and Goodrich Pinnacle. We followed the obvious water groove to the Oasis. Ten pitches: 8 F9 and 2 F8; 9 bolts for protection and 10 for belay.

LARRY BRUCE

Utah

Moab Area. David Mondeau and Marty Barcus made the first ascent of Chimney Smoke in Westwater Canyon in July or August, 1976. The sandstone tower was reported to be NCCS III, F8, A2. Lou Dawson and Don Peterson climbed Rimrock Crack to the left of Artist's Tears, probably the first free ascent. F10. Jim Dunn, Stewart Green and Bill Westbay climbed a new route on popular Castleton Tower in Castle Valley about 30 miles east of Moab. The route followed the obvious crack system on the west face. Dunn feels future ascents should go free. NCCS III, F10, A3. Dunn and Doug Snively did the second ascent of the north face of Castleton Tower, thinking it was a first. They found it had been done a week before by French, whose names are not known. NCCS III, F10, A3. The original route on the tower was soloed free by Mark Hesse, who used protection, a bolt, only on the third pitch. F9. Ken Wyrick and party made the first ascent of a prominent rock outcrop located six miles south of "Hole-in-the-Rock" (20 miles south of Moab). The unnamed 300-foot fin is easily seen by looking east from Highway 163. It was ascended via its north ridge. They rappelled from bolts down the south face. NCCS II, F5, A3. Previously unreported, the 200-foot Green Crack was first done in 1972 by Steve Chaney and John Hall and next by Doug Snively and Jim Dunn in 1974. The climb