

1000 feet of the fall. There were some sections of steep snow, but the last pitch was surely challenging, being a thin vertical smear.

BRIAN SMOOT

*Monkeyfinger Wall and the Leaning Wall, Zion National Park.* Drew Bedford and Pokey Amory made an exemplary one-day ascent of Monkeyfinger Wall, adding a one-pitch variation and freeing the entire route at 5.11 + . This is Zion's longest and most sustained free climb. Theirs was the first true hammerless ascent too. After backing off a solo attempt on a new route to the left of Space Shot, I joined Mike Strassman to complete a somewhat different line and the fourth on the wall. The route, Equinox (IV or V, 5.9, A3), was led entirely free and half of the 10% or so aided was freed on a top rope leaving critical pitons fixed. In addition, the single drilled angle anchors on the now standard rappel descent were doubled. Using a variation suggested by Strassman, George Allen and Dave Jones were able to climb the route free at 5.10 two months later. A third ascent was made in September. In October, I finally soloed the line left of Space Shot over five days of very unstable weather (103° to 27° F temperature variation) to produce Moon Patrol (V, 5.8, A3). Both routes could use some cleaning but sport outstanding ledges. They will doubtless become popular due to the ease of approach and descent.

RON OLEVSKY

*Horsethief Tower, Labyrinth Canyon.* This little gem lies in the northernmost part of Glen Canyon National Recreation Area. The first ascent was made by Ken Trout, Rusty Kirkpatrick, Kirk Miller and me in April. The approach across the Green River was made by canoe though an inner tube and flippers might do. That the three-pitch 5.10 route goes free should be credited to Trout.

RON OLEVSKY

*Shadow Nose, Mineral Canyon.* Just above the standard take-out point for those who run Labyrinth Canyon is a north-facing buttress. In June Dave Mondeau and I put up Shadow Nose (III, 5.9, A1) on this buttress. The route follows long pure Friend cracks and was very enjoyable, although anyone seeing us return would have had doubts. Dave's face was covered with caked blood after being hit by a nut that popped loose during cleaning and I was limping from a torn ligament, a result of treacherous talus. Then Dave's truck refused to start . . .

RON OLEVSKY

*Mount Moroni, East Face, Zion National Park.* In April, Les Ellison and I climbed a new route on the east face of Mount Moroni. We ascended the steep, blank section of the face which lies between two major chimney systems. The