

*North Dome, West Face.* On April 29 Art Gran and I made the first ascent of the west face of North Dome. The route lies in the northern of two prominent crack systems near the center of the face. Laybacks and chimneys constituted the main difficulties of the four pitches. About ten direct-aid pitons were used, mainly to get around chockstones. We accomplished this enjoyable route in three or four hours.

STEVEN ROPER, *Sierra Club*

*Limbo Ledge.* Several exfoliation slabs may be seen on the southeast face of the Lower Brother. Almost all of these have been climbed, but one, which I named Limbo Ledge, had defeated a number of attempts. Jim Baldwin and I made the first ascent of this 500-foot slab in October. We climbed the east edge of the slab, which, except for the lower 50 feet, consists of a large open book, facing right. Jim very competently led this 50-foot smooth section, which is marred only by an incipient crack system and is the crux of the climb, using rurs and knife blades. The remainder of the route was largely fifth class, although about 15 direct-aid pitons were used. The climb took us five hours.

STEVEN ROPER, *Sierra Club*

*Mount Candlelight, Northeast Buttress.* On July 5 D. French, Mr. and Mrs. D. Stevenson and I made a new route, climbing Mount Candlelight (Peak 12,004) by the northeast buttress. From Whitney Portal at 8350 feet we had a 6-hour Grade IV and V climb to the subsidiary summit (10,170 feet) and another three hours of Grade II and III to the summit.

RICHARD HECHTEL

### *Idaho—Sawtooth Range*

*Warbonnet, North Face.* On September 22 Fred Beckey, Steve Marts and I climbed the north face of Warbonnet for the first time. From the southeast notch we traversed around the east face on ledges until they ended on a major ridge. We then climbed a chockstoned chimney, the steep lower part of which we bypassed by climbing up a steep slab on the right before returning to the chimney on a ledge. The chimney brought us to a ridge crest, which ended 30 feet higher in a vertical, flawless wall, which we climbed with the aid of seven bolts. Above the bolt ladder, we continued up a steep slab to the summit.

DAN DAVIS