

pitch that included tight squeezing was the secret to this part of the climb. We skirted the edge of a hanging glacier, where we found fresh running water from cliffs above and had to dodge rockfall. Above the great transverse band, the rock was so firm that we climbed unroped for 500 feet. A few key pitches brought both the rope and pitons into use; the hardest spot was an inside corner that had an F7 move. A dry summer had cleared most of the upper rocks, providing such excellent conditions that we elected to complete most of the upper sections unroped.

FRED BECKY

*Geikie, West Ridge.* In early August Al DeMaria, John Hudson and I went to the Ramparts to try the first ascent of the west ridge of Geikie. Glad to escape the throngs of mosquitos and climbers at Moat Lake, we walked down Tonquin Valley and then climbed 1500 feet of snow to the Barbican-Geikie col. From here we scrambled up a short section of memorable scree, traversed along the north side of the ridge and after crossing a snow patch, gained the ridge, which we followed to a tower. A ledge led past the south side of this and two other towers to a steep pitch. John led a corner to the right of the ridge and then we were able to follow a stream bed to the steep section, a 1000-foot buttress, split by an ice gully. Easy ledges left of the gully were ascended for a few hundred feet. We climbed three fifth-class pitches, crossing the gully, ascended about 50 feet more and then traversed right around the corner of the buttress. After crossing several scree gullies, we found a few hundred feet of cleaner, easier rock, which we climbed to a large flat place below the discouraging-looking final 200 feet of the buttress. By descending a few feet down a gully to the right and then picking our way through the steep rock, we reached easier terrain than we had expected, and here we bivouacked. We scrambled to the top of the buttress early the next morning and soon were on the summit. The route varied from the easiest to F6 and one pitch of artificial aid on rock, and from easy snow to ice where we chopped steps. Grade III.

JOSEPH KELSEY, *Vulgarian Mountain Club*

*Mount Robson.* Ted Davis and I did what we believe is a first ascent variation of the Emperor Ridge by climbing the west face directly right of the Emperor and then continuing up the Emperor Ridge above the face to the summit, which we reached on July 13. The variation is a NCCS IV, F6.

STEVEN HEIM, *Portland State College*