

unconsolidated to go to its edge. At ten A.M., we reluctantly started down. One 200-foot and ten 100-foot rappels brought us back to the upper camp at noon on July 30. It was so beautiful on the 31st that we could not leave and spent the day taking photos and enjoying the bird's-eye view. On August 1, we descended in the rain. Finding two of Embick's (first-ascent team) anchors and two of Anker's (second-ascent team), we made nine rappels from the lower camp to the glacier; four were of 200 feet and five of 100 feet. Pennings and Allen had rappelled down from the base of the pillar, bypassing the lower bivouac. It rained for two days more as we made carries back to the Shadows Glacier. On August 4, it cleared and we were flown out on schedule! We had made the fourth ascent of the route and Michele was the first woman to climb Middle Triple.

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Cathedral Spires, Kichatna Mountains. Michael Pennings has written a full article, which appears earlier in this *Journal*, on a first ascent and three new routes he and his companions made in this rugged part of the Alaska Range.

Mount Jeffers, Kichatna Spires. On July 1, Jay Smith and Steve Gerberding are said to have climbed a new route on the west face of Jeffers. Details are missing as we go to press.

Exploratory Mountaineering in the Revelation Mountains. After two weeks of frustrating waiting in Anchorage in one of the worst Mays in recent years, Paul Gonzalez and Scott Raynor were flown to the Lyman Glacier in the northern Revelation Mountains on May 11, followed by Fred Beckey and me on May 13. During our two-week stay in the mountains, we climbed three peaks and failed on a few others. Our first mountain was P 9076, which we climbed by its east-face couloir, a direct line to the summit (IV, 5.9, A1). We climbed the second, P 6780, mostly on skis by one of its south-face couloirs. On a second try, we climbed from a col on the north side of P 8910 to its rime-crust east ridge, which we followed to the summit (III, 5.4). We explored nearby glaciers on skis on inclement days. We were continually faced with unconsolidated sugar snow. Stormy weather kept rock climbing to a minimum. We had a seven-day storm, some blue skies and lots of wind. On May 26, most of our gear was flown to the 1500-foot contour level on the Big River, just west of Mount Hesperus. The gravel-bar airstrip was barely big enough to land. We spent two days walking the 30 miles from our Lyman Glacier Base Camp to the Big River Cache, from which we were picked up on May 31.

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