

bridged with very wide stemming. We avoided the ice altogether and continued up chimneys and jams to a steep headwall that required a short pendulum near the top. This was our only point of aid on the route, and we have no doubt that a party in less of a hurry could eliminate it. We reached the summit ridge just as the sun set, and decided not to go the last fifty feet for the summit. We had 2000 feet of fourth class rock and snow to descend to reach a campsite on the opposite side where we had left our bivvy gear. We reached the snow in total darkness, and proceeded across two miles of sun cups in EB's. Several times I lost muscle control in my legs because of constant contact, from thigh to toe, with the wet, sun-cupped snow. We reached camp after midnight, where Nigel massaged my feet for a long, long time. The next day we drove 300 miles to get him onto a plane to England with minutes to spare. I lost sensation in one foot for three months, and Nigel must still feel that the Sierra Nevada is a rather formidable range. NCCS IV, F9, A1.

GALEN A. ROWELL

*Aiguille Extra, East Buttress, near Mount Whitney.* This hiding giant surprisingly had only one route on it, which follows an obvious large dihedral. Kenny Cook and I hiked on July 1 from Whitney Portal to the base of our proposed route, the unclimbed east buttress. The first pinnacle we fourth-classed from the right under a constant barrage of ice and rock from the walls above. The climbing began with a pitch of loose, friable rock (F6) to a good crack at the right of the base of a chimney. Kenny led up the crack (F9) to a good ledge. I climbed up a thin crack and then tensioned into an off-width crack (A2, F9). Kenny went up left (F7) through a slot below a ledge system, up a short F10 section. A little third-classing brought us to a comfortable bivouac. In the morning, the fifth pitch (F7) tended right and ended on a ledge. Some third-class scrambling to the left took us to the large ledge at the bottom of a headwall. A large block on the left formed a perfect hand-crack for 25 feet. Kenny led this vertical wall (F10). I moved up a flaky layback to small footholds and traversed right for 30 feet to a good hand-crack (F8) which ended at a good belay atop large blocks. Kenny led the last pitch from an ice-covered corner to the right. A few aid moves took him up an overhanging wall to F4 climbing and a pedestal just below the summit. NCCS V, F10, A2.

WERNER R. LANDRY

*Kerckhoff Dome, "Pinup."* In March Brian Cox, Ian and Darien Raistrick and I made a new route on the south face of Kerckhoff Dome. We began on a slabby wall directly beneath a gaping chimney high on the wall above. About 150 feet left of "Centerfold" (*A.A.J.*, 1973, p. 425), we climbed a small rib up to a blind F10 layback and finally belayed on a ledge beneath a prominent arching overhang. Then an awkward move