again into the basin. After one fourth-class pitch we unroped and climbed several hundred feet up zigzag ledges and slabs to the chosen vertical rib that led to the summit rim. Feeling that the chasm on its left might offer a faster route at this late hour and in the threatening weather, I climbed solo up several hundred feet of verglased chimneys, and spotted a potential route up the final headwall, though with questionable portions and scarce bivouac spots. Jerry scouted the classic rib and shouted that it would be "beautiful climbing." It was. The fourth and crux pitch took 15 pitons and two bolts; many of the cracks turned out to be seams, causing difficult piton placing. Rather than bivouac I decided to climb in the pitch darkness, feeling for cracks until one A.M. After this slow and tricky section Jerry led around a corner and found a good bivouac ledge. Fortunately the difficulties were ended since within an hour we looked out of our bivouac sack to see snow falling. After daybreak, two fourth-class pitches took us to the rim, where an icy wind greeted us as we ran across a strange boulder field to the summit. In all, we used 66 pitons and 4 bolts, far less than anticipated because of the superb nature of the rock. It was good that we had completed the ascent that morning, for excessive wind and fresh snow accompanied us on the hike to the road.

FRED BECKEY

New climbs in Peak Lake and Upper Wells Creek Regions. Our party of six, Walter Hermann, Richard Judy, Gerald Marsden, David Sanderson, David Spencer and I, climbed in the central Wind Rivers. Climbs included first ascents of G-18 (12,100 feet) via the east face by Marsden, Sanderson and Spencer on August 18 from camp at Peak Lake and of Peak 104w (Bonney) via the south ridge on August 20 by Hermann, Judy, Marsden, Sanderson and Spencer, and from Camp at the snout of the Mammoth Glacier a new route on Mount Desolation (13,100 feet), into the Desolation-Rampart cirque, up the left snow gully to the south ridge and then over snow to the summit on August 24 by Hermann, Judy, Sanderson, Spencer and me.

ROBERT L. COLLIN, Appalachian Mountain Club

Colorado

New Routes on the East Face of Longs Peak. Wayne Goss and I made the Stripped Wall route in August. Our route began fifty feet right of Stettner's Ledges and more or less paralleled it to Broadway. The climbing was mostly mixed aid and free. The route was slightly dangerous; when

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we were directly under the notch couloir, we encountered running water and falling blocks of ice. The route took nine hours. Grade III, F7, A4. Larry Dalke and I did the *Invisible Wall* route also in August. We started between the Zig Zags and the Tip Toe route. The first lead followed a curving corner to the left. From there we climbed up to a huge black roof and then under it to the left. From the left side of the roof we nailed thin crack systems and curving arches until a large horizontal grass band carried us to Broadway. The climb took nine hours. Grade IV, F7, A4.

LAYTON KOR

Steamboat Rock, Southeast Face, Dinosaur National Monument. Mike Couvington, Brian Marts and I made the first ascent in September. The route goes up the left side of the face, where it overhangs throughout its 700 feet. The first two leads were all aid and very difficult. The third turned into free climbing. This was the first day's high point and leaving ropes in place, we descended to an unethical bivouac in the tourist park across the river. The lead above our high point was difficult mixed climbing and ended in a huge cave below a 30-foot roof. The next one nailed first left and then right around the roof into an overhanging, block-filled chimney. We then nailed left out of the chimney, through a tunnel and onto a spacious ledge. The last pitch traversed left for 25 feet and then followed a steep groove to the summit. It took us 14 hours on two days. NCCS Grade V, F8, A4.

LAYTON KOR

Black Canyon of the Gunnison, Green Pillar. Brian Marts and I climbed this 1700-foot wall in September in two days. The difficult and complicated route starts directly across from the Chasm View Wall. After 120 feet of lower Class 5, we got to the difficult climbing. A long crack of F9 and A3 ended on a small stance. The next lead led up and right. Above, we followed a trough for two leads before traversing right into a corner. We nailed the crack above to a large ledge and to a belay 40 feet higher. We worked up to the right into another corner with three bolts. A long lead took us to a bivouac ledge. It rained on the second day as we dealt with great difficulties, using many rurps and knife-blades, in poor shallow cracks and in an overhanging rotten chimney. The last lead was a rotten vertical wall, done in complete darkness with flashlights in our mouths. NCCS Grade V, F8, A4.

LAYTON KOR