

considerable difficulty retreating. Ellison considered the route the hardest he had climbed in the Desert. Cottontail Tower, 850 feet high, has now been climbed three times since the first ascent in 1967.

ED WEBSTER

Climbs in Zion National Park. Bill Forrest and I did two new climbs in Kolob Canyon. In June we climbed the Great Rib of Kolob (NCCS VI, F9, A2). We followed the prominent northwest rib of Timber Top Mesa, climbing three distinct pillars; we climbed the second on the right past a roof which is the crux. Above the pillars we followed a chimney system rightwards to reach the mesa crest. In October we climbed the north face of Shintavi Butte (NCCS V, F9, A3). We climbed the obvious crack-and-chimney system splitting the face. Anchor bolts are in situ on this excellent route.

WILLIAM MARCH, *University of Calgary Outdoor Pursuits*

Echo Tower, East Face, Fisher Towers, 1979. I climbed solo the virgin east face of Echo Tower in March, 1979. It is virtually all artificial, every pitch A3 or harder. I spent 3½ days and one night on the wall. Descent was by rappelling, possible only because three ropes were left fixed on the most overhanging pitches. I placed 38 bolts.

JAMES BEYER

Temple of Sinawara, Datura, Zion Canyon, 1979. I soloed this route in September, 1979, 90% free, in 12 hours up and down with one fixed rope. It climbs up and through the chimney line to the right of the waterfall on the Temple of Sinawara. (NCCS IV, F9, A2.)

JAMES BEYER

Bridge Mountain, North Face, Hegira, Zion Canyon, 1979. Misa Giesey and I climbed a line of off-width and fist cracks straight up the north face to a bowl below the summit brush slopes in October, 1979. A finger crack leads out of the bowl to the right.

JAMES BEYER

Wyoming—Tetons

A number of new climbs have been made in the Tetons during recent years, commonly very difficult rock climbs. These will be listed from south to north.

Granite Canyon, Givler's Arête. This route, the first prominent buttress on the south side of Granite Canyon, was climbed on August 25,