

## VARIOUS NOTES

middle of this wall, reaching the crest of the ridge only a short distance from the summit.

*North Face of the East Ridge of Grand Teton, August 9-10, 1953.* This variation, made by Harold Gudro and Jim Shane, required a bivouac and apparently was quite difficult since over 50 pitons were used.

*Direct North Face of Teewinot, August 24, 1948.* Dick Emerson and Pete Owen made the first ascent of this spectacular route. Approximately 150 vertical feet from the summit a unique cave was discovered which forms a passageway from the north to the south face. As Chuck Crush and Graham McNear proved six days later, it is possible to go through this cave and complete the climb by the south face. Emerson and Owen, however, finished their climb on the north side by a remarkable, very exposed lead around an awkward chockstone.

*Northwest Ridge of Teewinot, September 7, 1954.* John Fonda, Jean Fonda, Don Decker, and Marty Benham followed this long ridge all the way from Cascade Canyon except for a detour in the middle to avoid some smooth sections. The route brings one out right at the summit monolith.

*North Ridge of Mt. Owen, July 31, 1951.* Previously, Durrance, Coulter, and McLane had climbed the spur leading from Valhalla Canyon to the upper portion of this ridge, but the direct ascent of the entire ridge remained for Dick Emerson and William Clayton to make. It was a long climb—12 hours were required to reach the summit from Cascade Canyon.

*South Face of Symmetry Spire, July 3, 1950.* Dick Pownall and Leigh Ortenburger completed this new route which lies between the Durrance ridge and the Southwest ridge and is of similar difficulty.

*Black Dike of Mt. Moran, August 20, 1949.* This unique route, followed by Dick Pownall and Dave Van de Water, goes up the face of the diabase dike so prominent from Jackson Hole. In the upper sections both loose rock and difficult climbing were encountered.

*East Ridge of West Horn, June 24, 1953.* Fred Ayres and A. E. Creswell made this first ascent. Ayres also made the first and second ascents of this peak by the west ridge. This fine new route was a third ascent.