

caused by heavy snows, was considerable; and the party was in a critical position more than once before establishing camp on a plateau at about 20,000 ft. The snow was in poor condition; during the unsuccessful attempt to reach the summit from here, two minor slips occurred. On the descent to base camp Harrer and a porter were carried down by a snow slide, but all four reached base camp safely. More than 400 different flowers were collected in the area by a member of the Forest Research Institute in Dehra Dun, who accompanied the party.

*Trisul.* The third ascent of Trisul (23,260 ft.) was made by R. D. Greenwood and Gurdial Singh of Dehra Dun on 25 June 1951. Greenwood, who is an instructor at the National Defence Academy, later climbed Ratanban (20,000 ft.) and also reached a point only 500 ft. below the summit of Mrigtuni Peak (22,490 ft.). Trisul had been climbed previously in 1897 and 1933.

*Mukut Parbat.* Anderson Bakewell, S. J., reports that a New Zealand party led by H. E. Riddiford climbed Mukut Parbat (23,760 ft.) in July 1951.

*Narayan Parbat.* A report from Naini Tal, also in July 1951, tells of a three-month journey by two Swiss mountaineers in the Badrinath area. Bad weather prevented exploration of many high peaks; but the two, who used no porters the entire time, succeeded in climbing Narayan Parbat.

*Cosmic Ray Research in the Himalayas.* According to a clipping from the *Statesman* of 22 July 1951, an international party consisting of Dr. L. F. Curtiss, of the National Bureau of Standards in Washington, Dr. P. S. Gill, and Mr. Basir Khan, of Aligarh University, have been studying slow neutrons in cosmic rays on 13,600-ft. Mount Apharwat and other high points near Gulmarg.

#### NEW ZEALAND

*A. P. Harper and the New Zealand A. C.* The accompanying photograph of Arthur P. Harper, Honorary Member of the A. A. C., was taken by N. E. Odell at The Hermitage, hotel at 2500 ft. in the Southern Alps of New Zealand, on the occasion of the 60th anniversary meeting of the New Zealand Alpine Club, 2 June 1951. Mr. Harper founded the N. Z. A. C. in 1891. He is now 88 years