Eastern Alps which were opened in 1912. The summary is divided into groups, and gives the necessary references to published accounts of the various expeditions.

The 'Oesterreichische Alpenzeitung,' 1913, pp. 401–7 and 422–427, also contains a similar detailed summary compiled by Herr Fritz Hinterberger, of Vienna. Among new ascents are mentioned: Three new ascents of the Totenkirchl; the direct ascent of the W. face of the Predigtstuhl; and the direct ascent of the W. face of the Rosengarten.

VARIOUS EXPEDITIONS IN 1913.

Pennines

WELLENKUPPE (3910 m. = 12,825 ft.).—The N. ridge of this peak, from the Triftjoch, deserves to be better known. Many climbers go up and down the mountain by the ordinary way from the E., either as a training expedition, or because it can be done under bad conditions or in doubtful weather, and probably find it, except for the 'steep wall of firm rock, a delight to climb' (Conway, p. 99), rather dull. To traverse the peak only adds about 1½ hours to the length of the expedition, and gives some varied and excellent rock-climbing.

Mr. Gilbert Davidson and I left Zermatt at 2.30 A.M. on August 25, 1913, in weather which certainly would not have done for a big mountain, warm, cloudy, with slight rain—so bad, in fact, that parties sleeping at the Trift Inn did not start. But it improved a little, and though the higher peaks remained in clouds, ours cleared, and we had nothing to complain of but a high wind on the ridge. The ordinary route brought us close to the couloir, mentioned in Conway, which leads up to the ridge a little S. of the Triftjoch. This was soft snow at first, then became a steep and narrow gully filled with ice, so we took to the rocks on the left (S.), which did not give us much trouble, except in one place where we wandered rather too far from the couloir. But it would probably take no longer to begin from the Triftjoch itself. The ridge itself falls into two sections. In the first the rock is narrow and broken, but sound and nowhere difficult; two formidable-looking towers are easily turned on the E., though they could probably be climbed if necessary. This part, which took us three-quarters of an hour, was free from snow. The second section consists of rock and snow mixed, the rock in flat or shelving slabs, not difficult, but on this day carrying much fresh snow. Forty minutes took us up this, and another five minutes on a broad snow ridge brought us to the top, in 7½ hours easy going from Zermatt, of which 1 h.

40 mins. had been spent on the ridge. We descended by the ordinary way to the top of the moraines in just under 1½ hours. Mr. Davidson, having to catch the afternoon train for London, hurried on; I allowed myself another 1¾ hours to Zermatt.

Now that the W. side of the Triftjoch is 'out of bounds' for sensible people, a good way to Zermatt from the Mountet is to traverse the Trifthorn, descending the S. ridge to the top of the pass. This could very pleasantly be combined with the traverse of the Wellenkuppe as described above, without making the day a long one.

H. V. READE.

ALPINE NOTES.

'BALL'S ALPINE GUIDE.' VOL. I. 'THE WESTERN ALPS.'—Copies of the new edition (1898) of this work, price 12*s.* net, can be obtained from all booksellers, or from Messrs. Stanford, 12 Long Acre, W.C.

'BALL'S ALPINE GUIDE,' THE CENTRAL ALPS. PART I.—A new edition (1907) of this portion of 'The Alpine Guide,' by the late John Ball, F.R.S., President of the Alpine Club, reconstructed and revised on behalf of the Alpine Club under the general editorship of A. V. Valentine-Richards, Fellow of Christ's College, Cambridge, is now ready, and can be obtained from all booksellers, or from Messrs. Stanford, 12 Long Acre, W.C. It includes those portions of Switzerland to the N. of the Rhône and Rhine valleys. Price 6*s.* 6*d.*

'BALL'S ALPINE GUIDE,' THE CENTRAL ALPS. PART II.—A new edition (1911) of this portion of 'The Alpine Guide,' by the late John Ball, F.R.S., President of the Alpine Club, reconstructed and revised on behalf of the Alpine Club under the general editorship of the Rev. George Broke, is now ready, and can be obtained from all booksellers, or from Messrs. Stanford, 12 Long Acre, W.C. It includes 'those Alpine portions of Switzerland, Italy, and Austria, which lie S. and E. of the Rhône and Rhine, S. of the Arlberg, and W. of the Adige.' Price 7*s.* 6*d.*

THE ALPINE CLUB OBITUARY.—Amphlett, G. T. (1911). King, S. L. (1906). Minto, Rt. Hon. the Earl of (1866). Osbourne, J. S. (1872). Pryor, P. A. L. (1893). Caddick, A. (1879).

THE NEW PRESIDENT OF THE ROYAL GEOGRAPHICAL SOCIETY.—We offer our hearty congratulations to Mr. Douglas Freshfield on his election to the Presidency of the R.G.S. in succession to our Honorary Member The Rt. Hon. Earl Curzon of Kedleston.