go down by jerks, and are quite secure, even when free in the air. You can thus take to the rocks whenever it is possible without risk of losing your grip of the rope, as frequently happens when the rope is wound round the feet only. When somewhat accustomed to this way of 'abseilen,' the descent from the first tower will lose much of its difficulty.

Rumpf is very agreeable and a first-rate man.—(From personal communications by Mr. Bernet and Rumpf to M. Paul Montandon.)

ALPINE NOTES.

'BALL'S ALPINE GUIDE.' THE WESTERN ALPS.—Copies of the new edition (1898) of this work can be obtained from all booksellers, or from Edward Stanford, Limited, 12 Long Acre, W.C. 2. Price 12*s.* net.

'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, can be obtained from all booksellers, or from Edward Stanford, Limited, 12 Long Acre, W.C. 2. It includes those portions of Switzerland to the N. of the Rhône and Rhine valleys. Price 6*s.* 6*d.* net.

'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, can be obtained from all booksellers, or from Edward Stanford, Limited, 12 Long Acre, W.C. 2. 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.* net.

MAP OF THE VALSESIA.—Some copies of the Map issued with the ALPINE JOURNAL No. 209, and of the plates opposite pages 108 and 128 in No. 208, are available and can be obtained from the Assistant Secretary, Alpine Club, 23 Savile Row, W. Price for the set (the Map mounted on cloth), 3*s.*

CLUBFÜHRER DURCH DIE WALLISER-ALPEN (CLIMBERS' GUIDE TO THE PENNINE ALPS).—Vol. III., in 2 parts, of this new Climbers' Guide, edited by Dr. Dübi, covering the country from the Théodule to the Simplon, has just been published (in German). The price of the volume (to members of the S.A.C.) is 5fr. 15c.

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Post free from the Quæstor of the respective section. The book is so well furnished with route marked illustrations that a very scanty knowledge of German suffices for its use.

The volume from the Col Ferret to the Théodule is in a forward state.

THE ALPINE CLUB OBITUARY.—

	Elected.
Liveing, Robert	1859
De Candolle, Casimir	1864
Robertson, Helenus R.	1868
Pilkington, Charles	1872
Green, William Spotswood	1879
Browne, H. C. Gore	1881
Selwyn, E. Carus	1881
Sermoneta, Duca di	1882
Roosevelt, Theodore (Hon. Member)	1887
Ruxton, Charles	1891
Munro, Hugh T.	1893
Nicholson, C. N.	1895
Clarke, E. Russell	1896
Hopkinson, Bertram	1897
Thompson, R. E.	1902
Goodeve, T. E.	1906

THE LATE WILSON SMILEY.—Mr. J. M. Davidson writes:—'Our little local climbing fraternity has suffered grievously in the latest Boche outrage. Wilson Smiley has gone down in the *Leinster*. He was a great fell walker, and also probably knew more of the rock climbs in Wales, perhaps in Cumberland, too, than any one now living. He rivalled Oppenheimer as second man on a rope, and had very exact ideas of the conditions and degrees of difficulty of climbs and their suitability to the powers of any particular party. He was too modest and retiring to be known outside his own set. We feel his loss most keenly.'

HEINRICH SCHIESSER OF LINTHAL, the best of the Glarner Guides, died on November 2, aged about sixty.

His principal first ascents were the N. face of the Vorder-Selbstsanft from the Limmerntobel, the N. ice-face of the Bifertenstock and the direct ascent from Obersand of the Tödi-Sandgipfel by the N.W. face. He had also visited the Bernina and Zermatt districts.

A handsome, open-faced man of splendid physique, he was always ready to place his knowledge at the disposal of travellers, and was a general favourite. Since 1913 he acted as caretaker of the Fridolinshütte.

THE death of DR. J. H. GRAF, Professor of Mathematics at the University of Berne, took place on June 17, 1918, at the age of

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sixty-eight. He was a past-President of the Berne section of the C.A.S., and subsequently an honorary member. Dr. Dübi gives a very sympathetic notice of his life and services in *Alpina* for August 15, 1918.

Death of Dr. Johann Coaz.—This well-known Alpine pioneer and topographer died on August 18. Born in 1822, his early years were spent in the Swiss Federal Service working on the survey of the Grisons Alps. During this service he made many first ascents, including that of Piz Bernina (September 13, 1850). From 1875 to 1914 he was Chief Inspector of Forests in the Swiss service. His book, published in 1881, on 'Die Lawinen der Schweizeralpen,' and his monumental work, 'Statistik und Verbau der Lawinen der Schweizeralpen,' published in 1910, when he was eighty-eight years of age, worthily hold a great place.

The Death of Peter Knubel (1832–1919) took place in May at his home in St. Niklaus at the age of eighty-seven. We are indebted to M. Charles Gos for the portrait taken in 1918. His Alpine career was very fully dealt with in the review of his 'Führerbücher,' p. 94 *seq.*, of the present volume.

Hans Peter Perren, the well-known Zermatt guide, died in November of influenza. He had ascended the Cervin eighty-eight times.

Le Club Alpin Français, at its General Meeting on May 4, elected to Honorary Membership the following (*inter alios*):—Sir Edward Davidson, Past-President, A.C.; Capt. J. P. Farrar, President, A.C.; Mr. Hermann Woolley, Past-President, A.C.; Mr. Henry F. Montagnier, Member of Committee, A.C.

Dr. H. Dübi, Honorary Member of the A.C., celebrated his seventieth birthday on November 25. In his Alpine career of over fifty years (he ascended his first big mountain in 1866) he has rendered to mountaineering the most indefatigable and distinguished services.

The Influenza in Switzerland.—Extract from a letter from Dr. Alex. Seiler to Sir Edward Davidson, K.C.M.G., &c. &c., dated Brigue, January 8, 1919:—

'Since the month of July the influenza (grippe) rages in a very intense manner in Switzerland. In the Valais there are villages which have lost up to 8 or 10 per cent. of their inhabitants. Zermatt has been severely tried by this virulent malady, which found its way even to the Matterhorn and Schönbühl huts. Strange to say, guides who had slept at Schönbühl brought the infection to Zermatt. Hardly a village in Switzerland escaped this plague.

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Many places have had it twice. Zermatt, where there had been no new cases since September, is again suffering, but this time the attack is much less virulent.

'Among the guides carried off by the influenza is Hans Peter Perren, son of the celebrated Peter Perren.'

THE SEILER HOTELS AT ZERMATT are all to be opened this coming season.

THE HÔTEL BEAUSITE, ZERMATT, has been purchased by Dr. Alexander Seiler, and may under his management prove a formidable rival to our old quarters at the Monte Rosa, the cramped position of which has always been a drawback.

COL DE LA DENT BLANCHE.[1]—Mr. Montagnier found in the old Travellers' Book of the Monte Rosa Hotel at Zermatt the words 'Col de La Dent Blanche,' at the head of an entry there in 1860 (August 31st), stating that Messrs. T. G. Bonney and J. C. Hawkshaw went from Zermatt to Zinal by the Col de la Dent Blanche and back by the Trift. ('A.J.' xxxii. 62.)

In 1864 Messrs. Hornby and Philpott made the Col between the Dent Blanche and the Grand Cornier, and *called it* the Col du Grand Cornier.

In 1872 Mr. J. S. Philpotts made the Col between the Dent Blanche and the Pointe de Zinal, and *called it* the Zinal Joch.

In 1878 Messrs. F. T. Wethered and F. O. Schuster crossed the same Col, and renamed it Col de la Dent Blanche.

F. T. W.

NOTES ON 'ORIGINAL RECORDS OF EARLY EXPEDITIONS IN THE ZERMATT DISTRICT' ('A.J.' xxxii. 206 *seq.*) and on 'EARLY EXTRACTS FROM THE TRAVELLERS' BOOK OF THE HOTEL AT THE EGGISCHHORN ('A.J.' xxxii. 219 *seq.*).

P. 209, second paragraph, Edward Owen, A.C., 1861–62: died 1864.

J. M. Wedgwood, A.C., 1859–64: died 1864; for his ascent of Monte Rosa, *cf.* 'A.J.' xxi. 245; xxxii. 219, and A. Rivington's 'Notes of Travel,' 155–65. Rivington went up with them.

P. 210, line 9 (and p. 227, last line but one), J. A. *K.* Hudson

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[1 The Siegfried map, 1911 edition, marks 'Col de la Dent Blanche' between the Dent Blanche and the Grand Cornier; 'Col de Zinal' between the Dent Blanche and the Pointe de Zinal, and 'Col du Grand Cornier' as leading from the Gl. de Bricolla to the Gl. de Moiry. *Cf.* also *A.J.* xxv. 563 seq., which note was duly brought to the notice of the Topographical Bureau, but without result.]

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should be J. A. Hudson : at least I have encountered him in various lists and registers, and never seen the 'K.'

P. 210, line 9, R. M. Stevenson should be Ste*ph*enson (he is spelt correctly on pp. 226, 229, and 240).

P. 218, Sedley Taylor, A.C., 1862–72. G. D. Whatman (not ma*nn*), A.C., 1864–68: both still living.

P. 222, Tuckett and Wigram, July 28, 1860. This ascent is described in Wigram's Memoir.

W. E. Ma*tt*hews not Mathews.

C. S. Drake, A.C., 1859–60: accidentally drowned 1860.

P. 223, P. H. Lawrence, see P.P.G., 2nd series, Vol. ii. pp. 497–8.

P. 224, Clifford Wigram &c., see Preston Thomas's 'Work and Play of a Government Inspector,' p. 77.

J. R. Fowler is R. Fowler, A.C., see 'A.J.' xxxii. 99.

Charles Cay, A.C., 1864–69: died 1869.

R. G. Head, query R. *W*. Head (A.C., 1862–82).

P. 226, G. B. Johnson is I think G. R. Johnson (A.C., 1861–65) see P.P.G., 2nd series, Vol. i., p. 252 &c. I believe he is still living.

P. 228, J. S. Wender is J. S. Winder, A.C., 1860–75: died 1875.

P. 240, F. P. *R*oe is F.P. *K*oe, A.C., 1858–65: died 1889 (see P.P.G., 1st series, p. 367 Bristenstock).

Gurney Latham, probably S. Gurney Leatham, A.C. 1865–69: still living, I believe.

A. L. Mumm.

The C. E. Mathews Memorial Fund Subscribed in 1907. There is a balance of about £90 in this fund, after paying for the memorial stone at Chamonix.

The original intention (*v*. 'A.J.' xxiii. p. 244) was that:

> 'Any surplus left after the completion of a suitable monument at Chamonix should be devoted to helping the fund for a monument on Snowdon.'

No monument, however, was ever erected on Snowdon.

After consultation with Mr. C. Myles Mathews, it has been suggested that the balance be used for the benefit of veteran guides, as may be found desirable from time to time.

The Honorary Secretary will be glad to receive approval or suggestions from any of the subscribers, of whom a list is given in 'A.J.' xxiii. pp. 244–5.

A New Hut in the Urseren Valley, two hours above Realp, has been lately built by the Section Uto S.A.C., and is named the Albert Heim Hut after our Hon. Member the well-known Professor of Geology at Zurich.

Alec Graham, the New Zealand guide, visited Skye and N. Wales with the Rev. H. E. Newton last winter. Graham was about two years on the French front, got the M.M. at Messines, and was

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severely wounded at Paschendaele in 1917 and in the arm in 1918. He has now returned to New Zealand.

THE QUICKEST ROUTE TO MT. ROBSON.—Mr. Wheeler writes to Captain Farrar (January 14, 1919): 'Concerning Mt. Robson: I expect you would have to take pack horses from Jasper. There is nothing at Robson Station. The pack horses could go on ahead and you could follow by train. One day from Robson Station should take you to the valley south of Robson, but I do not think there is any trail leading up it.

'A timbered spur extends south-westerly from the mountain on the north side of this valley. You possibly could get a camp to the crest of the spur and from such camp make the ascent in one day, getting down far enough the same day to bivouac on the mountain. Conrad knows this route; he returned by it on one attempt. The Otto Brothers—guides and outfitters at Jasper—are the best men to take you in. Curly Phillips would be fine, but he got hurt during the war, and I do not know what shape he is in. I do not even know if he is back at Jasper. You might write them both there.'

MOVEMENTS OF GLACIERS.—The upper Grindelwald glacier is in rapid advance. Last autumn it swept away a strip of forest and has now carried away the bridge over the Lütschine.

The advance is however not universal. The annual reports on 'Les Variations périodiques des glaciers des Alpes Suisses,' published in the *S.A.C. Jahrbuch*, give for—

1916, 63 % advancing, 8 % stationary, 29 % retreating,
1917, 50 % „ 6 % „ 44 % „

so that apparently high-ice mark has been passed.

ALPINE RAILWAYS.—A tunnel is to be constructed under the Mont Genèvre and a line built to connect Briançon to Oulx on the Cenis line.

LA ROUTE DES ALPES.—The road over the Col d'Iséran joining Bonneval and Val d'Isère, which will be the highest in Europe, is under construction.

THE GRIMSEL HOSPICE.—Much damage was done by an avalanche early in April. Beams and windows were smashed and the restaurant filled up with snow, which was banked 40 feet thick against the house.

SCHWEIZER ALPEN-CLUB.—The published accounts to December 31, 1918, give the following information:—

Total number of Members, including 1942 new Members 15,357

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Total income, inclusive of the gross receipts from the *Jahrbuch* . . . . Frs. 150,057 = £6,002

The principal items of expenditure are :—	Frs.
New huts	10,141
Repairs to huts; furniture insurance, &c.	5,954
Alpina	11,632
Jahrbuch, Vol. 52	65,122
Assurance of guides	6,219
Part assurance of Members	9,875
Rescue arrangements	3,924
Various subventions	3,312
Reserve fund for amortisation of stock of Guide-books, &c.	25,000
General expenses	12,005
	153,184 = £6,127

HIMALAYAN NOTES.

EXPEDITIONS FROM THE LIDDAR VALLEY, KASHMIR, IN JUNE 1918. CAPTS. F. E. KREISS AND C. G. CRAWFORD. MAP—ANANTNAG, LADAKH AND UDHAMPUR DISTRICT $43\frac{N}{8}$. SQUARE C 3. LONG. 75–27. LAT. 34° 2′.

FROM permanent camp at Burzulkut c. 11,200 ft.

June 18.—Left 5.30 for Sonasar. Reached col below Buttress Pk. 12.30. Summit of Buttress Pk. (c. 15,800 ft., Survey cairn) 14.15 by ridge and snow slopes. Returned by Naitsar Valley and reached Burzulkut 17.0.

June 20.—Left Burzulkut 5.15. Reached Pt. 14,700 ft. 8.40—breakfast. Reached summit of Pk. 15,616 ft. at 13.0 by N.W. ridge, turning gendarme on N. side. Weather bad. Cairn built. Returned by same route reaching Burzulkut 17.15.

June 22.—Left Burzulkut 4.30. Reached foot of Naitsar Pk. 10.30. Summit, cairn built (c. 15,500 ft.), by N.W. face at noon. Down N.E. ridge to Avalanche Pass 13.30. Burzulkut 17.30.

June 23.—Left 15.0 for bivouac on medial rib in Kalaitip Glacier. Reached bivouac place c. 13,500 ft. 18.30.

June 24.—Left bivouac 5.50. Reached ridge between Pk. 16,202 and Dome at 8.15. Summit of Pk. 16,202, cairn built, at 9.30. Bad weather. Reached bivouac place 11.45. Burzulkut 14.0.

No real difficulty was met with on any of these climbs. Occasional steep snow, but the rocks were always very easy.

The weather was nearly always good in the early morning, but invariably broke about midday—occasionally earlier, by 9 o'clock.

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