

RECORD OF EXPEDITIONS IN 1912.

(Issued in terms of the recommendation of the Committee, 'Alpine Journal,' vol. xxiv. p. 517, 'so as to facilitate the exchange of information.')

AMPHLETT, G. T.—

From Stellenbosch to sources of Eerste River and Berg River, returning by the Banhoek Kloof (3 days).

From Gourton, Natal. First Ascent of Cathkin Peak, Drakensberg, say 10,200 ft., in company with Rev. Father Kelly, W. C. West and T. Casement.

From Worcester, Cape. Ascent of Brandwacht (6349 ft.) in snow, with two ladies (second ascent made by middle Ridge route, and first with ladies).

From Wellington, Cape, to Worcester *via* Du Toit's Kloof (walking trip 2 days).

From Sir Lowry's Pass, Cape. Ascent of Kogelberg (4152 ft.), Caledon district.

Some 40 ascents of Table Mountain (3582 ft.), by various climbing routes, including, with W. C. West, K. Cameron, and a lady, an ascent by the Arrow Face route—upper portion (first made by a lady).

BEECHING, H. A.—

Petites Dents de Veisivi (traversed).

Pigno d'Arolla.

Dent Perroc.

Aiguille de la Za (with 3 children under 12).

Pointe des Chamois (Dents de Bertol) by S.W. arête. See Larden p. 109.

Roussette by N.E. arête.

Col du Collon, etc.

Weather, the worst I can remember for thirty seasons, prevented any better expeditions.

BELCHER, H. W.—

Traverse of Mittaghorn and Egginer.

Fletschhorn.

Sonnighorn.

Weissmies by N. arête.

BELL, J. M.—

April-August. — Extended trips in the neighbourhood of Turgai, on the Khirgiz steppes regions of S.W. Siberia and Turkestan.

September and October.—Various parts of Eastern Canada in regions N. of Lake Superior.

October and November.—Southern British Columbia.

(All these trips undertaken in connection with mineral investigations.)

BENNETT, C. F.—

From Tungaesæter to Briksdal. Left at 6 A.M. with the guides Rasmus and Einar Aabrekke, crossed Jostedalbrae (snow in very good condition), reached Briksdal 2.30 P.M.

From Grodaas to Fibelstad Haugen. Crossed Hornindalsrokken with the guide Hans Raftevoll and reached Haugen via Kvitelvedalskar.

From Öie—Ascended Brekketind with C. W. Patchell. Very little snow, and glacier much shrunken.

From Öie—Ascended Vellesæterhorn with C. W. Patchell, in very dense mist.

BICKNELL, R. P.—

Guideless ascents of Aiguille d'Argentièrre and Aiguille de Blaitière with C. E. Elliott.

Tacul by Périades Glacier.

With W. N. Ling and others from Argentièrre to Praz de Fort by Col du Tour and Fenêtre de Saleinaz.

Praz de Fort to Courmayeur by Col du Ban d'Arrey. Back over Col du Géant.

BLACKDEN, Lieut.-Col. L. S.—

Dent de Satarma.

La Roussette.

Traverse of Petites Dents de Veisivi.

Aiguille de la Za.

Dent Perroc.

Guide for last four was Laurent Gaudin.

In the last two expeditions both rocks and wind were very cold.

Jack F. Blackden, aged twelve, accompanied me on all the above expeditions.

BRADBY, E. H. F., see under **WILSON, C.**

BRADLEY, M. G., see under **LARDEN, W.**

BRIGG, JOHN J.—

From Feirån—Jebel Serbål (6500 ft.).

From Monastery of St. Katharine—Jebel Musa (7363 ft.).

From Monastery of St. Katharine—Jebel Kathrein (8550 ft.).

All peaks in the Sinai Peninsula.

BULLOCK, G. H., see under **TYNDALE, H. E. G.**

CÆSAR, W. R.—

Kleine Simelistock.

Froschkopf.

Wetterhorn.

Katz and other rock scrambles in Gastlosen.

Herbetet, up E. and down N.
Col de Lauzon (snow and rain).
Col Valpelline (snowstorm).

DAVIDSON, J. M.—

From Maderanerthal—Traverse Oberalpstock.
Hüfi Hut—Traverse Claridenstock.
Hüfi Hut—Traverse Tödi. Ascent by Sandgrat, S. face and
W. arête. Descent by Porta da Spescha to Val Rusein—
thence to Culm Tgietschen and along the connecting ridge
and a gentle snow-slope to point 3063 on the Siegfried
Map (? Heimstock)—descent to Hüfi Glacier.

Gr. Windgälle.

Finsteraarhorn—descent by Rothornsattel, Oberaarjoch and
Scheuchzerjoch to Pavillon Dollfuss.

Traverse Ewigschneehorn—Gauli Glacier to Wetterlimmi—
descent of the Rosenlauri Glacier to Rosenlauri.

King's Peak.

Gr. Simelistock.

Unterwellhorn.

All guideless; in company of J. V. Hazard. Weather and
snow conditions bad throughout.

DURHAM, W. E.—

Pointe de Vouasson.

Pigne d'Arolla.

Col de Garin.

Punta Rossa (bad weather prevented our going on along the
ridge).

Grand Paradis (traverse from Chalet de l'Herbetet to Val
Savaranche) in bad weather.

Grivola (traverse, Val Savaranche to Cogne).

Mt. Herbetet (traverse).

Mt. Emilius.

Mt. Blanc (by Dôme Glacier).

Aig. du Moine.

Aig. du Midi (traverse, from Pierre Pointue).

Aig. du Tacul.

Weisshorn-lücke—Sierre to Rohrbachhütte.

Wildstrubel.

Balmhorn.

Blümlisalp horn.

Gspaltenhorn and Sefinen-furgge.

All the above, except the first two, with Chr. Jossi (Sohn).

EATON, J. E. C.—

Alphubel, up by Rothengrat, down to Alphubeljoch. Bad
storm.

Four S. peaks of Monte Rosa.

Lyskamm traverse, two consecutive fine days!!

Riffelhorn from glacier.

FARRAR, J. P.—

Kammlijoch—Claridenstock (lower summit) from Klausenpass to Clariden hut.

Cheval Blanc (from Finhaut to Pierre à Béranger)

GARDINER, FREDERICK.—

July 3: Arrive at Kandersteg; torrents of rain. July 3: Kandersteg to Club hut, Hohthürli Pass, misty. July 5: Ascended Morgenhorn, cloudy, bad snow. July 6: Ascended Wilde Frau, cold wind, bad weather afternoon. July 7: Rest day Kandersteg, bad weather.

July 8: At Kandersteg, bad weather. July 9: Ascended Klein Lohner, misty weather. July 10: To Gasterenthal, heavy rain in afternoon. July 11: Lötschen Pass and Hockenhorn to Ried, fairly fine, cold wind. July 12: Rest day at Ried, fairly fine.

July 13: Ascended Sackhorn, misty, cold wind. July 14: Rest day at Ried, fine day.

July 15.—Bivouac at Schönbühl, fine hot day. July 16: Ascended Hohgleifen, misty, very hot day. July 17: Ascended Petersgrat and Birghorn, thunderstorm afternoon. July 18: To Fafler Alp, storm afternoon. July 19: Cross Beichgrat to Bel Alp, snowstorm, very bad weather. July 20: Ascended Sparrenhorn, very bad snowstorm in afternoon. July 21: Rest day, Bel Alp, very heavy fall of snow.

July 22: Bad weather at Bel Alp. July 23: Ascended Unterbächhorn, misty weather. July 24: Ascended Gisighorn, misty weather. July 25: To Eggishorn by Rieder Furka, heavy rain afternoon. July 26: To Concordia, fine weather. July 27: At Concordia, unsettled. July 28: Ascended peaks of Trugberg and back to Eggishorn, misty. July 29: Very bad weather at Eggishorn. July 30: Eggishorn, Fiesch and Münster, unsettled weather. July 31: Ascended Löffelhorn, misty. August 1: Ascended Ulricherstock, bad weather, afternoon. August 2: Rest day Münster, torrents of rain all day.

August 3: Ascended Blashorn, fairly fine day, misty. August 4: Crossed Gries Pass to Tosa Falls, bad weather, misty. August 5: Rest day, Tosa Falls, heavy snowfall, torrents of rain afternoon.

August 6: Ascended Bettelmatthorn, bad weather, snow. August 7: At Tosa Falls, torrents of rain most of the day. August 8: Ascended Thälihorn, fairly fine, very cold. August 9: Tosa Falls to Foppiano, Domo d'Ossola and Brieg, cold and misty. August 10: At Brieg, very stormy weather, cold. August 11: At Brieg, very stormy weather, cold. August 12: Brieg to Domo d'Ossola and Macugnaga, very cold and misty. August 13: Attempted ascent of

Pizzo Bianco, very bad weather, heavy rain. August 14 : By Monte Moro Pass to Mattmark, stormy weather. August 15 : Ascended Stelli and Stellihorn, fairly fine, misty. August 16 : Excursion on Schwarzenberg Glacier, fine day, deep snow. August 17 : Mattmark to Saas Grund, finest day of the whole summer. August 18 : Antrona Pass to Cinquimo Chalets, thick mist, rain later. August 19 : Ofenthal Pass to Mattmark, very bad weather. August 20 : Rest day, Saas Grund, very bad weather.

August 21 : To Hotel Weissmies, unsettled weather. August 22 : Ascended Weissmies, bitterly cold wind, snow afternoon. August 23 : At Hotel Weissmies, snow in morning, finer later. August 24 : Ascended Laquinhorn, fine day, very cold wind. August 25 : Started for Rossbodenhorn, returned owing to very unsettled weather. August 26 : At Saas Grund, heavy gale and rain. August 27 : To Almagel, rain until afternoon, much fresh snow. August 28 : Excursion to Almageller Alp, unsettled weather all day. August 29 : To Antrona Pass, ascended Latelhorn, misty, very cold wind. August 30 : To Portje Pass, ascended Mittelrück, cloudy, rain later. August 31 : Saas Grund to Saas Fee, dull and misty. September 1 : Ascended Mittaghorn, misty, much fresh snow. September 2 : Excursion to Langenfluh, bad weather, snow, very cold. September 3 : At Saas Fee, snowstorm, very cold. September 4 : Excursion to Mellig, much snow. September 5 : At Saas Fee, unsettled weather, very cold. September 6 : By Kessjenjoch to Club hut, bitterly cold. September 7 : Ascended Egginerhorn, much fresh snow, bitterly cold. September 8 : At Saas Fee, very cold. September 9 : Saas Fee to Stalden, misty weather. September 10 : Stalden to Montreux, misty weather, unsettled.

From July 3 until September 15, 1912, the weather was unsettled and unreliable, and during that period there were only four perfectly fine days. On other days which were partially fine there was always some drawback, such as mist, bitterly cold wind, or deep fresh snow. I had intended to remain at Saas Fee until September 15, but after the 10th of that month climbing, even of the most modest kind, was impracticable. In sharp contrast to the climbing season of 1911, that of 1912 may be considered about the worst on record.—FREDERICK GARDINER.

GATTY, VICTOR H.—

June. Pyrenees.

Gabas. Weather bad, snow at 6000 ft.

Gavarnie. Snow at first below 7000 ft. Temperature on Pimené midday 29° F. Weather afterwards hot and

cloudless. Brèche de Roland to Val d'Arazas, back by Port de Boucharo. Taillon.

Several minor peaks and passes, pleasant little snow expeditions at this date.

Ax-les-thermes Porté. Pic Carlitte. Much less snow in Eastern Pyrenees than in centre and west of range.

HOPE, R. PHILIP.—

Alpeiner Scharte.

Unterweisszint Scharte.

Hochfeiler, up S.E. arête, down S.W. arête (ordinary route).

Rossrückjoch and Rossrückspitze.

Schwarzenstein.

Dreiherrnspitze by N.W. arête—Birnlücke.

Krimmler Thörl.

Gross Venediger and Rainer Thörl.

Zwölferkofel by S.W. face.

Sorapiss by Grohmannweg. (Turned back by snowstorm at Forcelletta del Pian della Foppa.)

Sorapiss by Forcella Grande.

Seekofel.

Boëspitze.

All without guides.

HOWARD, GEOFFREY E.—

March. Sinai Peninsula. With J. E. C. Eaton. From Jebel Tanka *via* Wady Homra. Climbed Jebels Abu Adunat, Wedmat, Shajā'at, Ibn Sakkar, etc. Thence southward; climbed mountains round Wady Dhafari. Up Wady Feiran for ascent of Jebel Serbal. Returning *via* Wady Mukatteb; climbed Jebel Tair-Azrak and reached starting-point *via* desert of El Markha after a journey of about three weeks.

(N.B.—Although on many of the mountains climbed there were no traces of previous ascents, they had all doubtless been climbed by hunting Bedouins on many occasions.)

IRVING, R. L. G., see under TYNDALE, H. E. G.

JACKSON, W. S.—

Traverse summit and centre, Aiguille de L'M.

Petits Charmoz.

Aiguille du Moine.

Aiguille du Midi, traversed from Pierre Pointue (first of year).

Aiguille du Tacul.

Traverse of Aiguille des Grands Charmoz (first of year).

Aiguille de la Blaitière, to cornice below summit.

In all these, guided by Henri Garny, with porter for traverses of Aiguille du Midi and Grands Charmoz.

JENKINS, A. STUART.—

La Lurette (3544 m.), winter ascent, January 1 and 2, from Val des Dix hut to Arolla, *via* Pas du Chèvre.

(N.B.—The path from Prazlong to Val des Dix hut is dangerous in winter.)

Petit Darrei.

La Salle and Pleureur (traverse from Val des Dix hut to Chanrion).

Gran Becca di Blancien from Chanrion to Prarayé, *via* Col di Sassa.

Becca di Guin.

Torre di Gran S. Pietro (traverse), from Col coupé di Money over Torre di S. Orso, Torre S. Andrea, and Colle di Money —to bivouac near Rif. Piantonetto.

Ascended first summit of Becca di Gay from Colle Baretti. (As far as we got, the way is, I believe, new. Sig. Ettore Santi and friend completed the climb a few days after by ascending the highest summit of Becca di Gay, also from Colle Baretti.)

Dt. du Requin (traverse)—(bad conditions).

Mt. Dolent.

Aig. Noire de Peuteret (good conditions).

Bivouac on E. face of Dames Anglaises (about 3050 m.). (Bad weather prevented success of expedition.)

Aig. de Triolet (traverse) and Petites Aig. de Triolet (traverse). (Bad conditions.)

Pt. Dt. de Veisivi (traverse), 5 hours and 5 minutes from Kurhaus to Col. de Zarmine, top, and back to hotel.

Dt. des Bouquetins. (Bad weather.)

KIRKPATRICK, W. T., see under HOPE, R. P.

LARDEN, WALTER.—

Sonnighorn-grat traverse.

Portjen-grat.

Mittag-Egginer traverse.

Same, guideless and ropeless, with M. G. Bradley. 10 hrs., including halt.

Adler pass.

Ptes. Dents de Veisivi traverse, guideless, with one friend. As before, I prefer much traversing *from valley toward* Col de Zarmine.

Col du Collon to Prarayé. An easy and leisurely walk of 6 hours from Arolla, including all halts.

Col de Valpelline from Prarayé to Findelen restaurant, beyond Zermatt. A magnificent, though easy, pass. Much finer expedition for scenery than from Arolla by Cols du Mt. Brûlé and de Valpelline.

Adler.

Alphubeljoch.

Col d'Hérens.

LING, W. N.—

Périades—Capucin ridge.

- Col du Tour—Fenêtre de Saleinaz.
 Col du Ban d'Arrey.
 Bec di Zambenia—Cima d'Entrelor—Cima dell'Auille.
 Col de Mesoncles.
 Herbetet.
 Col Poussset (twice for Grivola, storms).
 Punta Forzo.
 { Col Patri.
 { Punta Patri, Nord.
 { Punta Patri, Sud.
 Punta Garin by W. ridge.
- LLOYD, R. W.—
 Col d'Entrèves.
 Gôûter Hut (bad weather).
 Traverse of Mont Blanc from Grands Mulets to Courmayeur,
 descent by the Brenva face.
 Col du Géant.
 Les Courtes.
 Dom.
 Pointe de Zinal and Mt. Durand.
- MINCHINTON, H. D.—
 Winter ascent of Dent du Midi (Haute Cime) from Salanfe hut
 (— 28° C. in hut at night).
 Many ski expeditions from Champéry.
 Norway (April), several expeditions, the hardest being Stetter-
 fjeld, Skaget, Hardangerjokul, Flauketten, &c.
 Wetterhorn, Kl. Simmelistock, King's Peak, Gr. Simmelistock.
 Tschingelhorn—Petersgrat.
 Col d'Orny—Fenêtre de Saleinaz.
 Col de Chardonnet—Aig. d'Argentière.
- MONTAGNIER, HENRY F.—
 From Madone de la Fenestre—Cime des Gelas to Madone de
 la Fenestre.
 Refuge de Nice—Grand Capelet to Refuge de Nice.
 From Refuge de Nice—Mont Clapier and the Maledia to Madone
 de la Fenestre.
 From Boréon—Brocan to Boréon.
 From Boréon—Nasta and the Baus to Refuge de Gênes.
 From Refuge de Gênes—Pointe de l'Argentera (four summits)
 to Bagni di Valdieri.
 From Bagni di Valdieri—Monte Matto to Bagni di Valdieri.
 From Bagni di Valdieri—Col de la Ciriégia to St. Martin-
 Vésubie.
 From St. Martin d'Entraunes—Aiguille des Pélens (with the
 Chevalier de Cessole. This was the second ascent of the
 Pélens, the first having been made by M. de Cessole
 and M. C. Lée Brossé, August 16, 1905), to St. Martin
 d'Entraunes.
 From Entraunes—Mont Pélât to Refuge du Lac d'Allos.

From Refuge des Rabuons—Grand Chignon des Rabuons to St. Etienne de Tinée.

From St. Etienne de Tinée—Enchastraye to Argentera.

From Argentera—Tête de Moyse to Larche.

From Fouillouze—Cime de Saint-Ours to Fouillouze.

From Fouillouze—Rocca Blanca to Fouillouze.

From Fouillouze—Attempted the Brec de Chambeyron by the French side. Bad weather. To Fouillouze.

From Fouillouze—Pointe de la Meyna to Fouillouze.

From Fouillouze—Brec de Chambeyron. First ascent by the French side, with the Chevalier de Cessole and the guides Jean Plent and Hippolyte Bernard of St. Martin-Vésubie, to Fouillouze.

From Abriès—Bricfroid to Abriès.

From Abriès—Col de la Traversette to Pian del Re.

From Rifugio Quintino Sella—Monte Viso to Rifugio Quintino Sella.

From Rifugio Quintino Sella—Col del Colour del Porco to Abriès.

(Passports are necessary on the Italian side of the frontier from Valdieri to Crissolo. There is no inn in Fouillouze, but very fair accommodation may be found in the house of Monsieur A. Meyran. Climbers intending to visit this delightful and little known valley should ascertain well in advance whether he can lodge them. Owing to the fortifications in the neighbourhood of the Pointe de la Meyna, it is advisable to inquire at the Mairie in Larche whether the ascent is permitted by the military authorities. Cameras should be left behind.)

MONTAGU, C. E.—

Weisshorn.

Col des Grands Montets, Col du Chardonnet, Col du Tour, Fenêtre de Saleinaz, Adler Pass, Ried Pass; traverse of Ulrichshorn. With Mrs. C. E. Montagu (no guides).

MUIR, J. C.—

Portjengrat from Portje. Very misty. Failed to reach summit owing to mist and fear of cornice—probably groundless.

Hinterallalinhorn. Much new soft snow.

Fletschhorn by S.W. arête.

Weissmies by N. arête, descent by S.E. arête.

Egginergrat.

Riffelhorn by Matterhorn couloir.

These expeditions were guideless, with Dr. A. E. Porter and Mr. D. G. Murray.

NEVE, A.—

August. Kashmir. Visited the valley leading from Dras to D⁴. Captain Corry explored the N.W. nullah from Tungas in 1911; I took the N.E., found it delightful.

Camp at 15,000 ft. (fuel nil above 13,000 ft.).

Next day up a snow col 16,500 ft. overlooking Shingo : then N.E. by small glacier, roped, to another col overlooking Kharbu.

With one good Kashmiri, Asad Mir, and one Balti, tried D⁴, a fine rock tower with one ice couloir. Stones came down so turned a little way up a crack ; I stopped at 17,400 ft. A fine climb for a strong rock party. The summit is 18,400 ft.

A week later in Zoji La, near Pan Dras, ascended to a glacier due W. of Pan Dras, camped with wife on the ice at 15,000 ft. Next day ascended the ridge to W., about 17,000 ft. ; traversed crest for an hour ; a higher survey point seen to W. with a pole 18,200 ft., but not time to go, though easy. Descended different line, and down to camp in Zoji, 10 hours going.

Investigated part of other nullahs to see glacial snouts.

NOELTING, DR. F. A. M.—

Tian-Shan (Central Asia).

July 4–13. Vierny, through Ala-tau mountains, to Naryn-kol.

July 14–20. Naryn-kol. Expedition into Great Musart valley. Visited glaciers at head of its side-valleys Khamer-Davan and Oiden-Kol (also called Adinger-Sai). Climbed Col (13,150 ft.*) at head of W. Khamer Davan glacier.

July 29–August 13. Naryn-Kol to Przevalsk through Baian-Kol valley, Asu-Toer Col (12,800 ft.), Sary-Djaas valley, Ottuk Col (12,150 ft.) Külü valley, Külü col (14,000 ft.), Djirtash valley, Kyzyl-Su col (13,150 ft.), and Kyzyl-Su valley.

July 30–August 2. Visit of glaciers at head of *Main* Asu-Toer valley (also called Tekele-Aighyk) and ascent of unnamed peak (14,000 ft.*).

August 5. Visit to *Main* Tüs-Asv glacier.

August 9. Attempt to climb peak at head of Kindyk-Su (right tributary of Külü). Reached heights of 14,100 ft.,* but had to retire owing to great depth of powdery snow.

August 10. Expedition to glacier at head of uppermost right tributary of Külü, supposed to lead to Karakol pass. Failing to find the latter, had to cross Külü col (14,000 ft.) instead.

August 12. Crossed Kyzyl-Su col (13,000 ft.).

August 24–September 8. From Issik-kul lake to At-Bashl.

August 25. Crossed Zuka col (12,200 or 14,000 ft. I found 12,700 ft.*).

August 26. Crossed Ak-Bel col (12,140 ft.).

August 28. Crossed Tchakyr-Korum col (12,400 ft.*).

August 30–September 2. Visit of various glens and glaciers at head of Karakol valley. Reached height of 14,000 ft.* on central Karakol glacier.

September 3. Crossed Kübergenty col (12,550 ft.) into Kogele-Tchab (12,300 ft.*) valley. Compelled to recross it on the 5th owing to snowstorms and want of food for horses.

September 6. Crossed unnamed col (12,500 ft.*) into Dengerama (or Ianghi-Ierr) valley.

September 9. Reached village of At-Bashi.

September 12-18. From At-Bashi to Kashgar (Chinese Turkestan) through Tchatyr-Kul lake and Turugart Col (11,700 ft.).

September 27-October 4. From Kashgar to Andijan (Russian Turkestan, terminus of railway) through Alai mountains, Terek Davan col (12,800 ft.).

Heights marked * are only approximate, having been roughly calculated before the aneroids were tested. The other ones taken from Merzbacher's, Friedrichsen-Sapothnikof's, and 40 verst Russian maps.

I travelled with a Turki (Sart) dragoman-cook and Kirghiz attendants (on horseback.)

In July there was plenty of rain; in the second half of August and beginning of September enough cold weather, wind and snow.

OLIVER, E. G.

Blümlisalphorn.

Wildstrubel (traverse) — Lämmern Joch — Col des Sex Morts.

Grivola (N. arête and traverse).

Col des Maisons Blanches—Col des Otanes.

Col d' Evêque—Col du Petit Mont Collon—N. Col du Mont Brûlé—Col de Valpelline.

Riffelhorn (glacier couloir).

Alphubel by W. arête, (Rothen Grat) and traverse.

Riffelhorn (glacier couloir).

Parrotspitze, Ludwigshöhe, Schwarzhorn, Vincent Pyramide Punta Giordani.

Lyskamm—S. and W. arêtes—Felikjoch.

Riffelhorn (Matterhorn Couloir).

Four times through Gorner Ice fall—once through Findelen ice fall.

OSBORNE, R. E.—

Cristallo.

Croda da Lago by Pompanin Kamin.

Punta Fiammes by S. face.

Delago Turm (traversed), Stabeler Turm.

Leitergrat (traverse of whole of summit ridge).

All with Miss Osborne, Ladies A.C., and with Fritz Amatter and Hans Kaufmann as guides.

PATCHELL, C. W., see under BENNETT, C. F.

PORTER, Dr. A. E., see under MUIR, J. C.

POWELL, LEIGH S.—

Visit to Val Intrasca. Cross the Toce by ferry at Ornavasso and ascend the rather monotonous slope to the ridge, 3 hours. Striking view over the wild and extensively wooded valley. Descend N.E. to Bove chalets, whence good high level path leads to Rovegro. A new path has been made along the bottom of the valley, and further down the bulk of the water is led off by a channel constructed along the steep mountain, with a series of tunnels which afford the only egress to the traveller.

From Premosello via Passo di Colmi to la Piana.

Passo San Jorio, from Giubrasca to Gravedona.

Passo Croce Domini from Breno to Bazolino.

Justisthal Pass.

READE, H. V.—

Col du Géant. 3 ft. of snow about 1000 ft. below the inn.

Aiguille de L'M.

ROBERTS, E. E.—

Stockhorn.

Klein Matterhorn, and by Verra Glacier to the Schwarzthor.

Monte Rosa (Dufourspitze).

Riffelhorn by Matterhorn couloir.

Theodulhorn.

Attempt on Schwarzthor defeated by the depth of soft snow.

Cima di Jazzi and Schwarzberg Weissthorn.

Trifhorn from Triftjoch to Mountet.

Lo Besso.

By Col de Zinal to Pointe de Zinal and Zermatt.

ROBERTS, W. M.—

Stockhorn and Hochtäligrat.

Klein Matterhorn and round the Breithorn by Verra Glacier and Schwarzthor.

Dufourspitze.

Theodulhorn.

Breithorn.

ROGER-SMITH, DR. HUGH, AND ROWS, DR. R. G.—

Traversed big tower of Cinque Torre from S.W. side and climbed second tower.

Punta di Fiammes.

Croda da Lago by the Pompanin Kamin, and descent by ordinary way.

Piz Popena by S. arête, descending by N.E.

Cadin del Malquoira, 'A.J.' xxvii. 90.

Ascent of Tofana di Mezzo by ordinary route; the *Via Inglese* was impossible; all the rocks were glazed.

Figlio della Rosetta and Cima di Cuseglio by ordinary route.

Rosetta by S. face.

Cima della Madonna by the Phillimoreweg and descent by Winkler Kamin.

RUNGE, HARRY.—

Wildelsigen Grat Balmhorn—Altels traverse.

Simeli Stock.

Froschkopf.

Wetterhorn.

Katzkopf and other scrambles in the Gastlosen group.

Theodul pass.

Herbetet traverse, up E., down N. ridge.

Col de Lauzon (snow and rain).

Col de Valpelline (heavy snowstorm).

SCHIESS, E.—

Strahlegghorn (winter).

Strahlegg, Fletschhorn—Laquinhorn, Allalinhorn, Tête de Valpelline—Pointe de Zinal, Wellenkuppe, Leiterspitze, Col de Valpelline, Col des Bouquetins and de Bertol, Aig. du Tacul, Col du Géant—Grand Flambeau—Pointe Helbronner, M. Blanc du Tacul, Petits Charmoz, Tour noir (attempt), Watzmann (3 peaks).

SCOONES, P.—

Veitestrandskar (E.V.S.) from Fjærland to Tungesaeter.

*Austerdalsbrae, and Josterdalsbrae (E.V.S. and guide Lasse Næsset) from Tungesaeter to Brigsdal.

*Point 5538, glacier W. of the foot of Tinderfjeld, top of Skaala (R.S.), from Bødalsaeter to Loen.

Grasdalskar (E.V.S. and R.S.) from Hjelle to Merok.

Stégane from Langdal to Aandalsnaes.

*Trolldtinder, by the glacier and rocks (E.V.S.), from Aandalsnaes to Aandalsnaes.

*Store Vengetind. In mist all day. (E.V.S., C.F.S., E.G.W.), from Aandalsnaes to Aandalsnaes.

*Romsdalthorn (E.V.S., C.F.S., R.S., E.G.W.), from Aandalsnaes to Aandalsnaes.

*Mjølneir, traverse from N. to S. (E.V.S., C.F.S., E.G.W.), from Indre Dalen to Aandalsnaes.

*Smørskredtind, traverse from N.E. to S.W. (C.F.S.), from Öie to Öie.

*Brekketind, (C.F.S., E.W.), from Urke to Öie.

Slogen, Slingsby's gully, which was very dangerous, very little snow, and many loose rocks. (E.V.S., C.F.S., E.G.W., V. le N.F.), from Öie to Öie.

*N.E. arête of Raana (E.V.S., E.G.W., C.F.S.), from Trandal to Urke.

*Smørskredtind, traverse S.E. arête and N.W. face (C.F.S.), from Öie to Öie.

* All fine expeditions.

*Kviteggen, Slingsby's route (E.V.S., E.G.W., C.F.S.), from Öie to Öie.

*Ravnefjeld (E.V.S., C.F.S., V. le N.F.), from Loen to Loen.

*Skaala and Tinderfjeld (E.V.S., C.F.S.), from Loen to Loen.

Fosdalskar (E.V.S., V. le N.F.), from Loen to Hjelle.

*To Bødalsaeter, via glacier E. of Tinderfjeld, i.e. Tinderfjeldbrae, and so to Loen. (E.V.S., V. le N.F.)

Storskredfjeld from Loen to Loen.

All guideless except the second expedition. I have given my companions' initials. Rev. E. G. Wells, A.C.; E. V. Slater, A.C.; R. Spence, C. F. Stoehr, V. le Neve Foster.

SLATER, E. V.—

August 5.—From Fjærland to Tungesaeter.

August 6.—From Tungesaeter over the Josterdalsbrae to Brigsdal.

August 14.—From Romsdal—Troltdinder by the rocks to the right of the big gully mentioned by Slingsby, p. 412. Crossed the face diagonally from the foot of the next gully to the right to the top of the big gully. This is probably the best route in any circumstances, and certainly this year, when the big gully was full of ice. Returned the same route.

August 17.—From Kolflot—Vengetind (the higher summit), probably not by the usual route, as we climbed in mist.

August 19.—From Kolflot—Romsdalthorn.

August 21.—From Dale—Mjølner; ascended practically the same route as that described by Slingsby; descended first by the S.E. arête and then by the S.W. face to Kolflot.

August 26.—From Öie—Slogen by Slingsby's route. (The gully is exceedingly loose and unpleasant when free from snow, as it was this year. Above the skar there is no difficulty if the original route is adhered to.)

August 27.—From Trandal—Raana by the N.E. arête; return by the ordinary route.

August 29.—From Öie—Smörskredtind, by arête first climbed by Messrs Patchell and Todd: descent by S.W. arête.

August 31.—From Fibelstad—Kviteggen by Slingsby's arête.

September 3.—From Loen—Ravnefjeld by Auflem and the Auflemfjeld.

September 5.—From Loen—Tindfjeld by Skaala and the gap on the W. of the peak; apparently the usual route. Descent to Hogrenning.

* All fine expeditions.

September 7.—From Loen, Fosdalskar to Hjelle.

September 9.—From Hjelle up Fosdal, thence on to the Tindarfjeldbrae, under the Tindarfjelde to gap below Yngar Nielsen's Tind, thence to Bødalsæter.

SOLLY, GODFREY A.—

Traverse of Stockhorn. Snowing all the time, and at least a foot of new snow at the summit.

Tour of Monte Rosa: Monte Moro—Turlo—D'Olen—Betta Furca. Theodule.

There was deep snow on all the passes, and we could hardly have got over the Theodule had there been more new snow. (September 28 to October 7.)

STEIN, J. W.—

Eggner, Laquinhorn, Gr. Allalinhorn (mostly on skis), Sonneggrat, Untergabelhorn, Trifhorn, Wellenkuppe, Nordend.

TYNDALE, H. E. G.—

All the recorded expeditions were made from Cogne as a centre, unless specially noted.

Pène Blanche: Pointe Susse—ridge-traverse, descent from Col de l'Invergneux to Chavanis pastures.

Punta Forzo: Colle di Arolla—from Valeille, first ascent of W. ridge of Punta Forzo; descent to Passo Muraille Rouge: return viâ Bardoney glen.

Camp on Chavanis pastures.

Bassa di Peratza: Cima di Peratza: Testa di Nouva: Punta Scatiglion: Cima del Lago di Miserin. Ridge-traverse of some five hours' climbing: descent from Testa di Nouva to Col de l'Arietta not easy. First ascent of last-named point.

Punta Lavinetta: Torre di Lavina by S.W. ridge. First ascents: ridge stuck just N.E. of Col Bardoney, thence 4½ hours (much difficult climbing) rock arête to summit: descent by N. ridge, thence to Col des Eaux Rouges.

Up Valeille to S. Col des Sengies: over this to Grande Uja di Ciardoney: across small (Valsoera) glacier to Punta di Valsoera, first ascent: via Colle delle Uje, Colle Ciardoney and Bocchetta di Ciardoney to Teleccio huts: up to Piantonetto hut (14 hours going).

Colle della Losa: Becca della Losa: Colle della Losa: Colle di Teleccio. Very bad snowstorm: went up Becca in search for Col de Grandcroux: in the afternoon crossed two miles of boulders covered with a foot of fresh snow (from Piantonetto hut).

Tour de Grauson by N. buttress (first ascent): first traverse of its three peaks, going W.: thence over Punta Garin to Arpisson basin.

Tour St. André: Tour St. Pierre: descent to Colle di Teleccio.

Bocchetta del Monte Nero : Roccia Viva : over Gemelli to Bec de la Patience : *via* B. del M. Nero and Col Monei to Cogne (from Piantonetto hut to Cogne).

Tersiva : up S.W. ridge, down N. ridge.

To Col Bonney : traverse of Punta Budden and Becca di Montandayné : descent to Tribulation gl. from Bocchetta di Tsassetta : over Col de la Lune and Col du Grand Paradis (14 hours : very high wind).

Grand Paradis (from V.E. hut) from W. : down N. ridge to Petit Paradis : thence N. along ridge to Bocchetta di Tsassetta—11 hours, much powdery snow (descent *via* Tribulation glacier).

Col de Grandcroux : Bocchetta del Ges : Colle Sià (5 hours to C. de Grandcroux : no steps cut) from Cogne to Ceresole.

Eastern Levanna : up N.E. ridge, down to Colle Perduto (very bad conditions), from Ceresole to Bonneval.

Ciamarella : Punta Chalanson : heavy storm.

Col d'Arnas. Balme to Lanslebourg.

All these expeditions were made without guides : all except two latter with Mr. R. L. G. Irving : after Tour St. André with Mr. G. H. Bullock also.

WELLS, Rev. E. G.—

August 13.—From Aandalsnaes—Romsdal—Store Troltdinder. Ascent by the great gully from the glacier, which was full of ice and took a long time. Descent from the ridge further W. easy. C. F. Stoehr, V. le N. Foster, Rev. E. G. Wells.

August 15.—From Romsdal—Kongen and Dronningen (wrongly named Sostrene on the map), on the ridge between Isterdal and Indfjord, to Indfjord.

The first peak, which we believe to be Kongen, was easy. Dronningen, about 500 ft. higher, we ascended direct by the face from the gap between the two, a very interesting rock climb. The cairn is some distance to the S.W. of the top of this climb. It would be interesting to know if this was a new route. The last portion was very precipitous and sensational, but the rock firm. We took nearly 4 hours from the summit of Kongen to that of Dronningen, 1 hour descent to gap, 3 hours ascent. The descent to gap was interesting but not difficult. This time is a very liberal one. Descent from the gap between Dronningen and Bispen to N.W. over an easy watershed to Indfjord. C. F. Stoehr, V. le N. Foster, Rev. E. G. Wells. August 17. Kolflot—Vengetind. E. V. Slater, P. Scoones, C. F. Stoehr, Rev. E. G. Wells. Climbed in thick mist. The route itself presents no difficulties.

August 19.—From Kolflot—Romsdalshorn. The same party.

August 21.—From Dalen—Mjølner by Slingsby's route up the face, descent by S.E. to Svart Vand and Vengedal. Same party.

August 24.—From Öie—Brekketind, an interesting traverse in very bad weather. P. Scoones, C. F. Stoehr, E. G. Wells.

August 26.—From Öie—Slogen by Slingsby's gully. The gully was almost free from snow, and very loose and rotten, full of stones. Same party with V. le N. Foster. From top of the gully we varied the route to the summit, following the ridge as closely as possible all the way from the skar.

August 27.—From Trandal—Raana by N.E. arête—a very fine rock climb in excellent conditions. Messrs. Stoehr and Wells (one rope), Scoones and Slater (another).

August 29.—From Öie—Smörskredtind. Ascent by N. ridge; descent by W., interesting rocks under excellent conditions. E. G. Wells and E. V. Slater.

August 31.—From Fibelstad—Kviteggen. Ascent by N.E. arête (Slingsby's route, with slight variation possibly near the top); descent by easy route. Messrs Scoones, Slater, Stoehr, Foster, Wells.

WESTON, REV. W.—

In 1911: Weisse Frau.

Büttlassen, from Büttlassenlücke, to Sefinen-furgge.

* Gspaltenhorn.

From Obersteinberg—Schmadrijoeh (Obersteinberg to Fafler-alp).

Traverse of Tschingelhorn from Wetterlücke to Petersgrat.

* Tschingelhorn.

Wildstrubel.

* Balmhorn and traverse of Altels (from the Gemmi).

In 1912: Japanese Alps.

Traverse of Yarigatake (10,400 ft.) by new route from N. without guides.

First ascent of highest peak of Hodaka-yama (10,250 ft.).

First ascent by European traveller of Ariake-San.

* First ascent of Tsubakuradake.

* First traverse of Fude Iwa.

* With Mrs. Weston.

WHEELER, E. O.—

From camp on upper Elk river, about 40 miles in from Campbell River village, Vancouver Island, Canada. 9 A.C., Canada members, including A. O. Wheeler, carried bivouac kit up for ascent of Mt. Elkhorn, which is rather a nice-looking rock peak in new 'Strathcona Park.' Bivouac on grass ledge N. of a small glacier on Mt. Elkhorn. Alt. about 4700 ft.

From bivouac—Mt. Elkhorn. A short, and in parts fairly interesting, rock climb, alt. 7250 (by aneroid barometer). There are few peaks about here higher than this—several have glaciers on them.

WICKS, J. H., see under WILSON, C.

WILLIAMSON, DR. O. K.—

Kessjenjoch.

Hohberghorn from Dom hut. Descent to Galenjoch.

Condition of snow as in winter. Snow lower than hut.

New Weissthor.

WILLS, W. A., see under WILSON, C.

WILSON, DR. CLAUDE.—

Col des Ecandies, Fenêtre des Chamois, Col du Tricot, Col d'Orny. J. H. Wicks, W. A. Wills, C. Wilson.

Col des Plines. W. A. Wills, C. Wilson.

Col des Maisons Blanches. J. H. Wicks, W. A. Wills, C. Wilson.

Mont Pleureur by S. arête, descending by W. arête and S. face. J. H. Wicks, W. A. Wills, E. H. F. Bradby, and C. Wilson.

Grand Combin from Panossière hut viâ Corridor. (Same party as last.)

Wellenkuppe (traverse). Same party.

Attempt on S. face of Kienhorn by new route. Same party.

Trifhorn. Same party.

Wicks and Bradby and a guide traversed Leiterspitze.

WORKMAN, DR. W. HUNTER.—June 5 to Sept. 25: On June 5 Mrs. F. Bullock Workman and Dr. W. Hunter Workman, with Mr. Grant Peterkin as topographer, guides Cyprien Savoye, Adolph Rey, S. Quaizier, and porters César Chenoz and Julien Rey, left Srinagar, Kashmir, and proceeded to Khapalu, in the Shyok valley in Baltistan, whence they ascended the Bilaphond glacier, crossed the Bilaphond La, descended the Lolophond glacier to the Siachen, which last glacier was explored throughout its whole length of 48 miles, as were also most of its main branches. Late in August the return journey was made by crossing a newly-discovered pass leading from the W. head of the Siachen to the Kabery glacier, which last was descended for the first time to the Kondus valley. Srinagar was reached on September 25.

For further details *vide* the 'Alpine Journal,' November 1912, pp. 441-2.

YELD, G.—

Punta Fenilia, traversed to Valeille.

Colle S. di Sengie, Piccola Uja di Ciardoney.

Punta di Valetta, N. peak, by Comba della Valetta.

Punta del Tuf, S. Passo del Tuf, Lauzon side only.

Punta Nera of the Eaux Rouges Valley traversed.

L'Aiguillette, descent by Vermiana glen.

YOUNG, G. WINTHROP.—

Mönch : deep snow.

Furg-joch.

Exploration Chérillon glacier to Col Tournanche.

Furg-grat (direct ascent of wall).

Col d'Hérens (thick fog).

Col du Géant.

Dames Anglaises : l' Isolée (first ascent).

Col Tournanche (guideless), with traverse of Tête du Lion.

An interesting record of mountaineering under difficulties.

J. P. FARRAR.

May 19, 1913.

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