

CORRIGENDA TO No. 238 (AND No. 237).

No. 237 : Illustration facing p. 397, 'Cathkin from the W.' is by W. E. Marriott.—O. K. W.

No. 238 : p. 69, footnote 7, Mr. Unna points out that 'aluminium' should read 'duralumin,' adding that anyone using an aluminium piton would break his neck. [Judging by the duralumin crampons tried experimentally on the Rongbuk Glacier, Tibet, in 1922, the same remark applies to the latter mixture.—E. L. S.]

P. 146, line 32, *for* 'Matthews' *read* 'Mathews.'

P. 164, line 4, *for* 'quite accessible' *read* 'quite inaccessible.'

P. 165, line 39, *for* '1000 ft.' *read* '10,000 ft.'

P. 183, line 21. We understand that Mr. H. B. de Villiers-Schwab has never been President of the A.A.C.

P. 183, line 39, *for* 'Appalachian' *read* 'American.'—J. M. T.

P. 213, line 39, *for* 'Under' *read* 'Unter Stecknadeljoch.'

P. 215, line 21, *for* '11,903' *read* '10,903 ft.'

P. 228, line 41, *read* 'Apennines.'

P. 229, a contemporary points out that Mr. Smythe's attempt on the Eiger was by a route little more than a variant of that taken in the successful ascent of January 7, 1896, 'A.J.' 18, 47.

INDEX

VOL. 41, Nos. 238 AND 239

CORRIGENDA TO NO. 239 (AND NO. 238)

No. 238, p. 225, last paragraph and p. 226, second paragraph, *for* 'Crauford' *read* 'Craufurd.'

P. 251, 'First Ascents,' paragraph 5, *add* 1a. 27 DEMIRKASYK.

No. 239. Illustrations facing pp. 328, 334 and 335, *for* 'Witney' *read* 'Whitney.'

P. 413, footnote, last line, *for* '1929' *read* '1930 edition.'

P. 436, line 41, *for* 'reserve' *read* 'rescue.' R. K.

P. 437, line 3, *read* 'Fräulein Schiess.' P. M.

P. 437, line 6, *for* 'climbed out of a chimney' *read* 'climbed into a chimney.' R. K.

Pp. 441-2, 'Guide des Alpes Valaisannes.' By an unfortunate misunderstanding a review was given before the actual publication of the work. This is much regretted. The C.C. of the S.A.C. request us to state that the title and description will be as follows: *Guide des Alpes valaisannes*, Vol. II. (du Col Collon au Col de Théodule). 2ème édition élaborée pour le C.A.S.: par Marcel Kurz, ing.-topographe, avec utilisation de la première édition du Dr. Duebi (1922), la collaboration du comte Bonacossa et une notice toponymique du Dr. Léon Meyer. *Publication du Club Alpin Suisse*. En vente au Librairies Payot. . . . 1930.

The price is not yet settled.

The *Notice Toponymique*, reduced to 32 pp., will be given as a detachable *addendum* at the end of the volume, which is the property of the S.A.C.

We make the above rectification with pleasure, but would add that some reference might have been given to the original 'Conway and Coolidge' series, the MSS. of which were handed over by the late Rev. W. A. B. Coolidge to the S.A.C. As the late Captain Farrar pointed out in 'A.J.' 35, 310, it would have been at least courteous had the title page borne the former imprint:

'Avec utilisation des Climbers' Guides du Rev. W. A. B. Coolidge et de Sir Martin Conway.' Captain Farrar added, 'This is, of course, not the business of the author, who is responsible solely for the contents of the book—not for its title.'—EDITOR, 'A.J.'

P. 442, line 24, *for* '1863' *read* '1864.'

VOL. XLI.—NO. CCXXXIX.

2 G

INDEX

COMPILED BY MISS M. H. JAMES.

For Obituary Notices, *see* IN MEMORIAM, in CONTENTS, and for Reviews of Books, *see also* CONTENTS.

- ABRUZZI, H.R.H. the Duke of, Member of Himalayan Club, 230
- Accidents
1864, 88
1865, 224, 255
1895, 393
1913, 182
1927, 2, 89, 369
1928, 96, 238, 423, 431, 434 *sqq.*
1929, 425, 435, 437
- Aconcagua, Mt., Accident on, 238
- Adish Tau : Traverse, 167
- Adula Alps : New Expeditions in, 211
- Aemmer, Rudolf, guide, 398
- Agüzza, Crast', S. Face : First Ascent, 199
- Aiguille, Mt., Accident on, 435
- Ailefroide, Central Summit : Ascent by N. Arête, 430
- Aitken, S. : death, 218, 259, 423
- Alack, Frank, guide, 307
- Aletschhorn ; First Ascent by S.E. Face, 403, 404
- Allamand, Philippe, guide, 420
- Almer, Christian, guide, 24, 27, 90
- ALPINE CLUB
'At Home,' held by, 258
Dinner, Winter
1927, 6
1928, 3
1929, 258
Exhibitions of
Photographs, 3, 169, 258
Pictures, 3, 379
Gifts to, 7, 220, 258, 419, 420, 423
Journal : Index to Vols. 16-38, 6, 218, 260, 418
Library : Additions, 7, 245, 419, 420, 423, 446
Members
American, 237
Deaths, 1 *sqg.*, 172 *sqg.*, 218, 230, 257, 258, 259, 260, 383 *sqg.*, 418, 450
Elected, 3, 257, 258, 259, 260, 450
Honorary, 3, 6, 220, 257, 260
Hon. Members of G.H.M., 220
Japanese, 3
- ALPINE CLUB—*cont.*
Members
Memorial to those killed in the War, 6
of 60 and more years standing, 7
Total, 1
Obituaries (*see also*, in CONTENTS, IN MEMORIAM), 318, 418
Officers elected, 257
Proceedings, 257, 450
Records of, 225 *sqg.*
Resignation of the Joint Editors
Mr. Yeld and Captain Farrar, 4
Valedictory Address, 1, 258
Visit to, of H.M. the Queen, 6
Votes of Thanks, 4, 257, 258, 259, 260, 450
Welcome by, to Representatives of Kindred Clubs in Great Britain, 450
- Alpine Fauna, 29, 32, 43, 113, 132, 305, 354, 358, 362-3, 391 *n.*, 399
- Alpine Flora, 23, 114, 119, 122, 296, 297, 302, 354, 399
- Alpine Literature, 4
- Alpine Notes, 218, 418
- Alpine Tracks : Discipline on, 431
- Alps, the Four Thousand Metre Peaks
of, Ascents of, 50-1, 53, 55, 58, 59, 61, 62 *n.*
A Peril of, 421
Slingsby's principal Ascents in, 388-9
- Amatter, Fritz, guide, 24 *n.* 243, 284, 285, 287
- Amery, Mt. : Ascent by L. C. Amery, 429
- Amône, Brèche de l'—Mt. Dolent-Aig. du Triolet : Traverse, 430
- Ancien Passage, the 125 & *n.*, 52 ; Ascent by, 129, 130 *n.*
- Anderegg, Jacob, guide, 226, 227 *n.*
- Anderegg Melchior, guide, 226
- Anna, Sant', Cima (*see also* Badilet, Piz), origin of the name, 377 *n.*

- Apenines, Various Expeditions in, 217
 Arnold, H. J. L. : death, 196, 218, 258
 Arolla, Aigs. Rouges d', First Ascent
 of S. Peak and First
 Traverse, guideless, 389
 Arves, S. Aig. d', Accident on, 2, 369
 Notes on, 367
 Ascents and Subjects, 253
 Ascents, New, 1926, 1927, 1928, 4 *sqq.*
 Assiniboine, Mt. : Ascent, 399
 Aufdenblatten, Alfred, guide, 435, 436
 Austrian Alpine Club, Jubilee of, 224
 Austro-Italian Frontier, Incidents
 on, 301-2
 Avalanches (*see also* Icefalls, and
 Stonefalls), 53, 298 *n.*
 Snow, Characteristics of, 88
 Risk of, 124

 BADILE, and Badilet (Colle del) :
 Double Ascents, 197
 Badile, N. Precipice of, Reconnaissance of, 199
 Piz (Cima Sant' Anna) : First
 Ascent, 371
 Balmat, Jacques, guide, 98 *sqq.*, 125
 Balmat, Joseph, crystal hunter,
 122 & *nn.*
 Balmat, Pierre, guide, 110, 119, 123
 Bannie, Mt. : Third Ascent, 313
 Barbican, Mt. : First Ascent, 399
 Bavarian Expedition to the Caucasus, 166
 Beachcroft, R. M. : death, 3
 Beauclair, V. de : death, 425, 437
 Beaumont, Pointe (Dent de Fenestrale) : Descent, E. Face
 en rappel, 71 *sqq.*
 Beken, Mr., photographer, 315
 Bell, Miss G. : Ascents, First, or by
 New Routes, 34
 Bell Peak : First Ascent, 234
 Berchtesgaden Guides, 426
 Bergen, Johann von, guide, 25 *n.*
 Bernese Oberland
 Expeditions in
 New, 208, 403
 Various, 214, 416
 Bernet, Peter, guide, 406
 Bernina, Piz, Accident on, 435
 N.E. Face : First Ascent, 199
 Bernina (W. Wing) Group, New
 Expeditions in, 211
 Bicknell, R. P., 369 : death, 2
 Bietschhorn, height of, 223
 Bifertenstock : First Ascent direct
 from the Biferten glacier,
 398
 Biner, Franz Josef, guide, 58, 226,
 317, 404 *n.*

 Biner (Biener), Josef M., guide,
 282 & *n.*, 286, 404 *n.*
 Biner, Theodor, guide, 215, 216
 Bionnassay, Aig. de
 Ascents
 by New Route, 4, 221-2
 from N., 4
 Winter, 228
 Black Forest Mt., Pamirs, 261
 Ascent, 273
 Blanc, Alphonse, guide, 228
 Blanc, Mt., Accident on (1929), 435
 Ascents, 228
 First, 98 *sqq.*
 at 13 years of age, 396
 by Pétérét and Brouillard
 Ridges, 430
 Winter, guideless, 228
 Attempts by the Aig. du Gouter,
 116, 119
 Books on, 243, 438
 Summit : View from, 135
 Traverse of, 388
 Guideless, 389
 First, viâ Pétérét Ridge, 424
 Brouillard Arête : First Descent, 220
 Pétérét Ridge : First Ascent, 199
 Blanc, Mt., de Courmayeur, First
 Direct Ascent from Brenva
 Glacier, 5, 6, 34, by
 Sentinel Route, 36
 Blanc, Mt., Group
 Expeditions in
 New, 200, 403
 Various, 410
 Huts in, 220
 Blanc, Pierre, guide, 212, 217, 228,
 374
 Blanche, Dent, Accident on, 435
 Ascents : Guideless in Storm, 389
 New, by N. Arête, 5
 N.E. Face and N. Arête : At-
 tempted, 199
 Blümlisalp-Morgenhorn E. Arête :
 Descent, 438
 Bouquetins, Dents des : First As-
 cents, 388
 Bourrit, —, 98 *sqq.*, *passim*, 109,
 140 *sqq.*
 Boustad, Alf., guide, 234, 308, 309
 Bozon, Marcel, guide, 430
 Brantschen, Hans, guide, 431
 Brasca, L. : death, 425
 Brawand, Samuel, guide, 24 *n.*, 284
 Breithorn, E. Arête : First entire
 Ascent from the Schma-
 drioch, 438
 Breitlauhorn : First Ascent by N.W
 Face, 208
 Brenva Bivouac, the Old, 38
 Brenva Face, Avalanche from, 43

- Brewer, Mt.: First Ascent, 333
 Brewster, Mt.: First recorded Ascent, 235
 British 'Three-Thousander' Mts., Ascents of, 229-30
 Browne, Bishop G. F., 7, 221
 Bryce, Mt.: Second Ascent, 429
 Bulpett, W. H.: death, 422
 Burgener, Alexander, guide, 199, 282, 318
 Burgener, Heinrich, guide, 318
 Burgener, Salomon, guide, 318
 Burgstall, Hoher: Traverse, 300
 Büttlassenlücke: Ascents from E., 214
 First, 215
 CACCIABELLA Pass: Accident on, 435
 Cachat, J. P., guide, 119
 California; Sierra Nevada in, of Upper Kern River, Peaks of, and Climbs in, 328
 Canadian and American Notes, 237, 432
 Canadian Rocky Mts.
 Ascents, 398, 429
 Nomenclature, 166
 Northern, *see* Maligne Lake
 Carfrae, J. A.: death, 3, 189, 257
 Carlisle, A. D.: death, 218, 450
 Carrel, J. A., guide, 256
 Carrel, Louis, guide, 413
 Carrier, Joseph, guide, 108, 122 & n.
 Carrier, M., guide, 100
 Castleguard, Mt.: Ascent, 429
 Castor, and Pollux, Mts.: First Ascents, 235
 Caucasus, the, Bavarian Expedition to, 166
 Nomenclature in, 168
 Cengalo, Couloir: Ascent and Descent, 199
 Piz, N. Face: Second Ascent, 223
 Chamois in New Zealand, 305-6
 Chamonix Aigs.: Nomenclature, 427
 Chardonnet, Aig. du: Ascent by N.E. Face, 412
 Charlet, Armand, guide, 62, 75 n., 207, 208, 430
 Charlet, Georges, guide, 430
 Charlton, Mt.: First Ascent, 345
 Charmoz, Grands, Aigs. des
 Ascents, 411
 Guideless, 389
 Charmoz, Petits, Accidents on, 431, 435
 Ascent, 430
 Chenoz, Alphonse, guide, 200, 202, 203
 Chichibu, H.I.H. Prince, Hon. Mem. A.C., 3
 Clarke, Jack, guide, 234
 Climbers' Guides, 425
 Combin, Grand: Ascent by New Route, 389
 Cook, Mt.: Ascents by Linda Route, 234, 236, 308
 Three Peaks of, Attempted, 304
 Coolidge, W. A. B.: death, 2
 Corrigenda, 451
 Couttet, Alfred, guide, 430
 Couttet, Alfred (young), guide, 431
 Couttet, J. C., guide, 109
 Couttet, Marie, guide, 108, 109, 116, 118, 119, 124
 Crampons, used, 42, 116 & n., 228, 234, 309, 315, 358, 435
 Crombie, Jack, guide, 313
 Crossman, A.: death, 3
 Croux, —, guide, 204
 Cuidet, F., guide, 117, 119
 DAMES ANGLAISES, La Pointe Isolée
 des: Ascent, 410
 Dandrea, Angelo, guide, 373
 Daunkogel, Windacher, the, 299
 Dauphiné; Ascents in, 408
 New Routes in, 430
 de Saussure, Life of (Freshfield), 104
 D. & C. A. Verein, the, Huts of, 301
 Paths and Tracks of, 302 & n.
 Dévouassoud, André, guide, 430
 Dévouassoud, Camille, guide, 207
 Dévouassoud, François, guide, 374
 Disgrazia, Mte.: Expedition on, 199
 Doldenhorn; Accident on, 425, 437
 Drakensberg Mts., Natal, New Expeditions in, 406
 Dübi, Dr. H., 102, 103
 Congratulations to, 7
 Dufourspitze; Ascent, 281
 Dumas, A., 99
 Durier, Ch., 100
 Düssistock, Accident on, 435
 Dychtau: Attempted, 167
 ÉCRINS, Les, Accident on, 435
 S.E. face: New Ascent, 425
 Egger, Ernst, guide, 426, 427 & n.
 Eiger, Great Gendarme: Ascent, 283
 Mittellegi or E. Arête; Attempts and Ascents, 282
 N.E. Arête: First Ascent, 24 n.
 Winter Attempt on, 229
 Élie de Beaumont, Mt.
 Ascents: Winter, 313
 First, 234
 Emilius, Mt., Accident on, 435
 Engelhorn: First Ascent, 25 & n.
 Gross, Ascent by N.E. Arête, 30
 Klein, First Ascent, 30
 Engelhörner, Die, First Ascents or New Routes up, 34
 from Rosenlauri; First Ascent, 25

- Engelhörner, Die—*cont.*
 Mittelgruppe, First Ascents and Ascents by New Routes, 34
 First Entire Traverse of, 438
 Ermatinger, Mt.: First Ascent, 341
 Etala, Col de l', Accident on, 435
 Evans, Mt.: First Ascent, 343
 Everest, Mt., Height of, 419
 Expeditions
 New, 200, 403
 Various, 212, 408
- FAES, Dr. H., Hon. Mem. A.C., 6
 Farrar, J. P.: death, 172, 218, 221, 259, 399
 Fedchenko Glacier, 159, 160, 268-9, 270
 Ferrand, H.: death, 2
 Ferro Centrale, E. Arête: Ascent, 224
 Ferro, Torrione del, E. Arête: Ascent, 224
 Double Traverse of, 200
 Feuz, Eduard, guide, 429
 Finsteraarhorn, N.E. Face: Second Ascent, 398
 Fiorelli, Giovanni, guide, 372, 374
 Fiorelli, Giulio, guide, 372, 374
 First Ascents, 251
 Fletschhorn: Ascents
 First, by E. face to Point 3928 m., 208
 First by N. Face, 6
 Florence, Mt.: First Ascent, 354
 Folliguet, F., guide, 119
 14,000 ft. Peaks in U.S.A., 338
 Freiger, Wilder: Ascent, 295
 Freriks, W. von, on Kurz, Ploner, and Egger, guides, 426-7, and on help for J. Grill II, 427-8
 Freshfield, D. W., 7, 102, 104
 Fuhrer, Heinrich, guide, 27, 225, 281, 284
 Fuhrer, Ulrich, guide, 25 *sqq.*, 225
 Fuji-yama, Height of, 421
 Fünffingerspitze, N. Face: Second Actual Ascent, 200
 Fuorcla Tschierwa-Seersen; only Descent of, 199
 Furggengrat; Descent, 415-16
 Fusshörner, Ascent, 215, 389
 Note on, 217
 Fux, Heinrich, guide, 319, 320, 322, 324 *sqq.*
 Fyfe's Pass, Crossings of, 234-5
 Fynn, V. A.: death, 218, 230, 260, 397
- GABELHORN: First Ascents, from Zermatt, and from Zinal, 227 & *n.*
 Galenstock: Ascent, 389
- Garmo, Mt., 269, 270
 Gaspard, Pic, and Pavé: Ascent, 409 *n.*
 Géant, Col du, Crossed, 228
 Géant, Dent du: Guideless First Ascent, 424
 Geikie, Mt.: First Ascent, 399
 Gemelli, Colle dei: First Ascent, 199
 Georges, *le grand*, Joseph, guide, 219, 436
 Gerard's Peak: Engelhörner; First Ascent, 34
 Gersdorf, Baron A. T. von, 102
 Gervais, N. F., guide, 117, 118
 Gespensterhorn: Winter Ascent, 228
 Gestola, Traverse of, 167
 Gisighorn: Ascent, from Gisig Pass, 216
 Glacier Peak and Douglas Peak from E.: Attempted, 314
 Glaciers: Turkestan, 266 *sqq.*
 Glärnisch, Accident on, 435
 Göll, Hoher, W. Face: First Ascent, 426
 Gôûter, Dôme du: Ascents
 by W. face, 430
 Winter, 228
 Graven, Alexander, guide, 47, 48, 49, 436
 Green, Mt.: Ascent, 315
 Greenland, Dr. Longstaff's Expedition to, 5
 Grépon, Accident on, 435
 Grill, Johann (*der Köderbacher*), guide, 176, 181, 427
 Grill, Johann II, guide, 427
 Grimsel to Brigue: First Winter Crossing on Ski, 437
 Grinling, K., guide, 234
 G.H.M., A.C. Members elected Hon. Members of, 220
 Gstellhorn, probable First Ascent, 25*n.*
 Guide Books, 223, 224
 New, 425
 Guideless Climbs
 by Ladies, 422
 Winter, 228
 Guides, Berchtesgaden and Kaisergebirge, Note on, 426-7
- HABICHT, the, E. Face and Arête: Ascent, 297-8
 Hassreidter, Herr V., Communication from, 225
 Heim, Prof. A., birthday greetings to, 223
 Heinrich, —, a guide, 27 *sqq.*
 Hérens, Dent d'
 Ascents, 430
 by S.E. Face, 413

- Hermitage to W. Coast, N.Z., First Crossing, 234
- Heurtley, C. A., 7
- Himalaya Mts.
Expeditions in, Italian, 233, 429
Kumaon, Expedition in, 5
- Himalayan Club, the, 6-7, 230
Amalgamation of, with the Mountain Club of Calcutta, 6-7, 232-3
Formation and Objects, 230-1
Local Centres, 231, 232
Members, Founder, 230-1
Officers, 233
Report, 1928, Extracts from, 232-3
Route-Study by, 231
- Himalayan Notes, 230
- Hochtor, N. face: First Ascent, 424
- Hohberghorn
Ascents, First and other, by, S.E. Route, 317
First, from Ried Glacier, 316
- Höhlenstock, First Ascent, guideless, 388
- Holmes, Mr. Justice Oliver Wendell, 7
- Hooker, Mt.: First Ascent, 235
- Hooker Range, N.Z.: First Alpine Ascents, 402
- Hörnligrat, Rope at, 423
- Horungtinder; Climbs in, 384, 386
- Howard, E.: death, 3
- Howse, T.: death, 3
- Hunza-Karakoram Glaciers, the Visser Explorations of, 424
- Hutton, Mt.: Second Ascent, 234
- Huts, Bivouacs, Cabanes, Inns, Refuges, Shelters, &c., Adolph Pichler, 300; on Aig. du Goûter, 60; Aljaz, 88; Allievi, 211; Almer, 308; Amberger, 298; Argentièrre, 430; Ball, 304, 308; Baltschieder, 418; Baltschiederklause, 210, 418, 428; Becher Haus, now Regina Elena, 296; Belvedere, 416; on Ben Nevis, 222; Bétemps, 54, 279; Bietschorn, 51; Boval, 428; Brenva, old, 38; Charpoua, 37, 38; Cima Libera (formerly Müller), 296, 302; C.A.I.I. Frébouzie Glacier, 204; Concordia, 51, 58, 431; Dauphiné Club, 422; D. & C.E.A.-V., 301; Dom, 53, 212, 213, 228; Dossen, 210; Dresdner, 297; 298; Eigergletscher, 287; Festi, 59, 325; Franz Senn, 298; Gamba, 61, 62, 200, 228, 410, 411; Garibaldi, and another, 217, 218; Gaudeamus, 426; Gleckstein, 406; Gnifetti, 54, 55, 57, 186; Grandes Jorasses, 202; Hermitage, 303, 308, 313; Hildesheimer, 296; Innsbrucker, 297; Japanese, 13, 16, 17, 19; on Kenya, 363; Landshuter, 301; Linard, 422; Lombard (in ruins), 370, 408; Malte Brun, 236, 304, 313; Margherita, 54, 280; Mischabel, 319, 321, 322, 325; Mittellegi, 282, 284, 285; Mueller, 235; Nürnberger, 295; Oberaletsch, 428; Pas d'Olan, 422; Pierre Ronde, 119-20, 123; Proposed New, 220; Red Sentinel, near, 42; Requin, 220, 431; Riondè Lo, 414; Rosenlaui, 25; Schlernhaus, 302; Schönbühl, 57; Schwarzsee, 55, 57, 415; S.A.C., 422, Visitors to (1928), 428; Sciora, 428; Sella, 57; Shimizuya, 9; Ski, 58; Solvay, 416, 437; S. Tyrol, 302; Starkenburger, 299; on Tacul moraine, 111; Topali, 48; Torino, 37, 39, 40, 41, 47, 53; Tournelle, La, 109; Trélatête, 36; U.T.O.E. Club, 211; Vajolet, 302; Vallot, 45, 47, 220, 228; Valsorey, 59; of Various Alpine Clubs, 295, 302; Villa Griza, 78; Vittorio Emanuele, 219; Yari, 17; Zapport, 211; Zinal, 225.
- ICEFALLS, 412
- Ifala, Aig. de L': Ascent by N. Face, 412
- Imada, guide, 13
- Imboden, Franz, guide, 436
- Imboden, Viktor, guide, 72
- Inäbnit, Peter, guide, 227
- Italia, Gran Sasso d', Traversed, 217
- Italian Alps, Closing of, 218, 260, 296, 418
- Italian Himalayan Expedition, 233, 429

- JAPANESE ALPS, Eight Days in, 8
 Jaquet, Jean Baptiste, 115
 Jardin, Aig. du : Ascent by New Route, 60
 Jaun, Johann, guide, 282
 Jorasses, Grandes
 Ascent, 36
 First, by N.E. Arête, 203
 S.E. or Tronchey Arête, Note on, 220
 Jorasses Petites : Ascent by N.W. Face, 430
 Jossi, Christian, guide, 284, 406
 Jotunheim : Ascents, 384
 Julen, Anton, guide, 436
 Julen, J. M., guide, 48
 Julen, Oskar, guide, 436
 Julian Alps, *see* Škrlatica
 Jungfrau, Accidents on (1929), 435
 Jungfrau Joch, Descents, 24
 First Ascent, 24 *n.*
 First Traverse taken in the Descent, 24 *n.*
 Jyutarō, guide, 19

 KAIN, Conrad, guide, 306
 Kaisergebirge guides, 426
 Kalbermatten, —, guide, 191
 Kalbermatten, Alois, guide, 191
 Kalbermatten, J., guide, 438
 Kalkögel, the, 299
 Kamikōchi, 8
 Kangchenjunga, Attempt on, 272
 Karakoram Mts., Expedition in, 6
 Karasawa Cave, the, 13, 14
 Kasha Ayak, Double Pass, Crossing of, 270-1
 Kaskasapakte, Mt., 360
 First Ascent, 361
 Kastor : Ascent, 34
 Katu in Tau : Ascent by N. Buttress, 167
 Kaufmann, Christian, guide, 429
 Kaufmann, Mt., 157, 158
 Ascent by E. ridge, 271, 272
 Height, 270
 Second Attempt, 160 & *n.*
 Kaufmann, Peter, guide, 282
 Kaufmann, Ulrich, guide, 284
 Kebnekaise District, the, Sweden,
 Climbs in, 355
 Glaciers in, 358-9, 360
 Kebnekaise, Mt., First Ascent, 356, 419
 Height, 358
 Routes up, 360
 Traverse, 361
 Kennedy, A. B. W. : death, 2, 193, 257
 Kenya, Mt.
 Bation Summit : Ascents
 First, 266
 Second, 220
 Point Nelion, First Ascent, 220

 Kern River Cañon, 331
 Kesselspitze : Ascent, 301
 Kilimanjaro, Mt.
 Ascent (1927), 5
 First (1889), 425
 Glimpse of, 366
 King George, Mt. : Ascent, 399
 King's Peak, Engelhörner ; First Ascent, 25
 Kiwa, Mt. : First Ascent, 238
 Kletterschuhe, 87, 210, 215, 217, 367, 406
 Klucker, Christian, guide, 181, 372, 373, 374, 375, 376
 Death, 3, 198, 258
 Gravestone for, contributions to, 224
 Knubel, Johann, guide, 189
 Knubel, Joseph, guide, 47, 48, 49, 50, 51, 52, 53, 55, 60, 61, 62, 189, 204, 205, 404
 Knubel, Niklaus, guide, 189
 Köderbacher, der, *see* Grill
 Ko-gasa : Ascent, 19
 Kohler, Hans, guide, 437
 Koksukur-bashi, Ascent of, on Ski, 157-8
 Komac, Andrej, guide, 76
 Kurfirsten, Accident on, 435
 Kurz, Joseph, guide, 426

 LADY MOUNTAINEERS, 5, 21, 51, 77, 160, 163, 181, 208, 215, 223, 225, 234, 235, 237, 278, 284, 285, 304, 306, 308, 309, 310, 313, 422-3, 425, 430, 437
 Guideless Climbing by, 422
 Lager, Alexander, guide, 52, 53, 56
 Lager, Ramon, guide, 56
 Lakeland Fells, English, Circuits of, 50
 Langley, Mt. : First Ascent, 334
 Lappländska Fjällkarlarnas Klub, the, 356, 419
 Largo, Cima del : First Traverse, 199
 Larsen, Arne, guide, 307, 309
 Lauteraarhorn, N.E. Face ; Second Ascent, 398
 Lauteraarhorn-Schreckhorn Traverse, the, a Correction, 224-5
 Leaf, W. : death, 3
 Leah, Mt. : Ascent, 429
 Leck, Wilde, E. Arête, 298
 Le Conte, Mt. : Ascents, 336
 Lendenfeld Saddle, the, Cloud in, 315
 Lerjen, —, guide, 60
 Lightning, Accidents from, 435
 Litzner, Gross- and Gross-Seehorn : Double Traverse of, 200
 Lobos, —, guide, 238

- Lochmatter, Franz, guide, 199, 233, 319, 320
- Lombard, J. B. (*le grand Jorasse*), guide, 108, 109, 116, 118, 144
- Louis, Mt.: First Ascent by E. face, 398
- Lyalver, Traverse of, and Descent by N. Arête to Lower Zanner Pass, 167
- Lyskamm
Ascent, 280
First, 199
- MACLEAR'S BEACON, Table Mt., Memorial Service at, for S. Africans who fell in the War, 221
- Mae-Hodaka: Ascent, 13
- Magnaghi, Carlo, 374
- Maitre, Jean, guide, 319, 320, 321, 324, 328
- Maligne Lake, Climbs from, 340
Peak W. of: First Ascent, 429
- Maligne, Mt.: First Ascent, 353
- Maquignaz, Aimé, guide, 413
- Maquignaz, Ange, guide, 413
- Maquignaz, Baptiste, guide, 180, 181
- Maquignaz, Daniel, guide, 180, 181, 188, 319, 327
- Marchreissen Spitze: Ascent, 300
- Marindin, G. E., 7
- Mary, H.M. Queen, visit of, to the Alpine Club, 6
- Mathews, C. E., 101
- Mathews, C. M.: death, 258, 395
- Matterhorn
Accidents on
1865, German Film of, Protest against, 224, 255
1928, Sequel of, 423
1929, 425, 435, 437
Ascents: by S.E. Arête, 415
Winter, 228
- Matterhorn-Dent d'Hérens: Traverse, 430
- Maudit, Mt.
Ascents
First by S.S.E. Face, 403
Winter, 228
- Maurer, Andreas, guide, 282
- Mauvais Pas*, the, 114 & n.
- Mawenzi, Mt.: Third Ascent, First by a Lady, 5
- Meares, T.: death, 197, 218, 258
- Meije, La, Accidents on (1885), 425; (1928) 434
- Meredith, Bryan, 429
- Méridionale, Aig. d'Arves: Ascent, 408
- Meyer, H.: death, 425
- Michel, Peter, guide, 374
- Midi, Col du: Ascent, 228
Dent du: Landslides, 420
- Minarets, the: Ascent, 303, 306-7
- Mirza Tash: Ascent, 269
- Mittellegi Arête: First and other Ascents, 252
- Mjölner, Mt.: First Ascent, 388
- Mönch: Winter Ascent, 228
- Monier-Williams, F.: death, 3, 258
- Montagnier, H. F., 102
Disclaimer by, 224
- Montagne, C. E.: death, 257
- Montandon, P., on Help for Johann Grill II, guide, 427-8
Thanks to, 34
- Montets, Grands, Aig. des, Accident on, 435
- Mooser, Kaspar, guide, 71, 403, 412, 415, 416
- Mortimer, A.: death, 3
- Mottet, A.: death, 425, 437
- Mountain Club of India, Amalgamation of, with the Himalayan Club, 7, 232-3
- Mountaineering, Foolish, 423
- Mountaineers, *see* Lady Mountaineers
- Mueller, Abraham, senior, guide, 438
- Mumm, A. L.: death, 2
- Mürtschenstock, the 'Fynn Weg' on, 398
- Music des 80 jährigen (verse), 218
- Mystery, Mt., *see* Waddington, Mt.
- NADELGRAT, Peaks of, 317
Ridge; Traverse of, Attempted, 325
- Nanda Devi, 5
- Natal Mountain Club Summer Camp, 1929, 406
- Nesthorn, Gross, New Route on, guideless, 389
- Nevada, Sierra, Peaks and Climbs in, 328
- New Zealand Alps, Climbs in, 234, 303
- New Zealand Notes, 234
- Norske Turistforening, H. Priestman honoured by, 225
- North Thompson River: Source, 433
- Norton, R. F.: death, 394, 418
- Norway. First Ascents and New Routes in, 1874-1912, 387
- Notgemeinschaft Glacier, 159
- OBERAMMERGAU, Adventure near, 427
- Ö. A.-V., *see* Austrian Alpine Club
- Oku-Hodaka: Ascent, 12, 13
- Olan, Pic d', First Ascent by S.E. Arête, 430
- Olympus, Mt.: Ascents, 5, 377
- Oughton, F., Thanks to, 7

Oxford University Mountaineering Club (Summer, 1928), 219
 Ô-Yari: Ascent, 16

PACCARD, Dr., 'Lost Narrative' of, 98

Authorities cited, 106-7

Paccard, François, guide, 122

Pamirs, the: Expeditions in, 156, 157 *sqq.*

Glaciers of, 158, 159

Pasten, —, guide, 238

Peilspitze: Ascent, 301

Pennine Alps

Expeditions in

New, 208, 430

Various, 212, 412

Remarkable Traverse in, 430

Pérouse, La: Ascents, and Attempt, 304

Perraux, — (fils), guide, 115

Perren, Gottfried, guide, 430

Perren, Peter, guide, 317

Perret map: Ascent, 412

Perruquet, Jean Baptiste, guide, 391, 413

Pétéret

Aig. Blanche de, *via* S.E., First Winter Ascent, 228

Aig. Noire de

by N.E. Face, 200

First Winter, 228

Pfaff, Wilder, E. Arête: Ascent, 296

Pfannl, H., President C.E.A.V.: death, 424

Piaz, G. P., guide, 423

Piccolo, Corno, Traverse of, 217

Pigne de l'Allée: First Ascent, 226

Pitons, 69, 205, 284, 367, 405, 410, 416

Plan, Aig. du: First Ascent from W.N.W., and First Traverse, 389

Ploner, Franz, guide, 426, 427

Pollinger, Alois, guide, 317

Pollinger, Heinrich, guide, 48

Pollinger, Josef, guide, 199, 319, 322

Pollinger, Linus, guide, 403, 415, 416

Pollock, Sir F., 7

Pope, Jack, guide, 234

Porner, Henry, 115, 116, 117

Prickard, A. O., 7

Priestman, H., Honoured, 225

Proment, Lucien, guide, 61

Puiseux, P., Hon. Mem. A.C.: death, 257

RAEBURN, H.: death, 3

Rappel, Descents *en*, 64 & *n. sqq.*, 415, 416

Rasica, Pta: First Ascent, 199

Ravanel, Alfred, guide, 430

Reade, H. V.: death, 392, 399, 418

Regaud, F.: death, 2-3, 257

Reichenstein, N. Face: First Ascent, 424

Requin, Dent du

Ascent, 431

First, 389

Rey, Adolphe, guide, 200 *sqq.*, 207

Rey, Emile, guide, 223, 226

Rey, Henri, guide, 202

Reynier, A.: death, 425

Rheinwaldhorn: First Ascent by S. Face, 211

Ribis, Bartlmä, guide, 295, 297, 298

Risch, Walter, guide, 223, 224

Roc Noir, Grand: Winter Ascent, 228

Roche fort, Calotte de: First Ascent by S. Face, 202

Rope, Frozen, kinks in, 327

Rope, The Spare, in Theory and Practice, 63, 74, 86, 201, 204

Braking on, 65

Insufficient, Remedy for, 66

Climbing up Vertical, Overhanging, and Holdless Step by means of, Is it Possible? 70

Double, Descending on, 63-4

Manœuvres in Exceptional Instances, 67

Precautions, Necessary, 69

Revolving on, A Warning, 68

Supplementary Tools Required, 69

Warning, A., 67

Rosa, Mte: Ascent and Traverse, 280-1

Dufourspitze: Accident on, 435

E. Face, painting of, 220, 258

Roseg, Piz, N. Face: First Ascent, 199

Roth, Kaspar, guide, 210

Rothbrettsattel, Traverse to, 417

Rothhorn: First Ascent, 226

Rothlauhorn-Schilthorn: Traverse, 418

Rottalhorn, Accident on, 96, 438

Rouge, Aig.: Ascent, 304

Rousses, Grandes: Accident on, 435

Routes, New, or Unusual, in 1929, 429

Royal Geographical Society Awards, 424

Rubi, Adolf, guide, 285, 422

Rubi, Peter, guide, 282

Russell, Mt.: First and other Ascents, 337

Q, letter beloved of Map-makers, 262

Qara Tugai Tau, *see* Black Forest Mt.

Quincey, E. de Q.: death, 218, 258

- Russo-German Alai-Pamir Expedition, 1928, 157
- Ruwenzori District: Journeys and Ascents, 5
- SAASGRAT Peaks, 316
- Sabre, Coup de, Col du Glacier Noir, Brèche Joseph Ture, Traverse, 425
- Sampson, Mt.: First Ascent, 347-8
- Sans Nom, Aig.: First Ascent by N.W. Face, 207
- and Aig. Verte: Traverse, 42
- Sarek Mts., Sweden, 361
- Sarrasin, Grain de: Ascent, 413
- Saskatchewan, Mt.: Second Ascent, 429
- Satarma, Dent de: First Ascent, guideless, 389
- Schaufelspitze: Ascent, 297
- Schiess, Fräulein, the two, 437
- Schilthorn and Rothlauhörn, *see* Rothlauhörn
- Schlegel, Peter, guide, 318
- Schlickerseespitze: Ascent, 300
- Schlunegger, Hans, guide, 24
- Schneeblatt or wind-slab Avalanches, 92-3
- Schocher, Martin, guide, 199
- Schreckhorn Couloir, Accident on, 182
- Schulz, K.: death, 318 & *n.*, 424
- S.A.C. Huts, Visitors to, 1928, 428
- Sciara, Ago di: First Ascent, 199
- W. Buttress of: First Ascent, 224
- Scott, Mt., S. Peak: Ascent, 341-2
- Seiler, Joseph: death, 200
- Seltau Range, Pamirs, 265
- Expeditions in, 156, 157 *sqq.*
- Serleskamm, the: Ascents in, 300-1
- Shaksgam Valley, Italian survey of, 429
- Shkara, Second Ascent by partly New Route, 167
- Shō, guide, 10
- Signalkuppe: Ascent, 281
- Silberhorn: Ascents, 31
- Descents
- by N.W. Arête, 416, 417
- over Rotbrettgrat: First, 438
- Simmelstock: First Ascent, 25
- Klein: S. Descent of, 438
- Sir Wilfred Laurier, Mt.: Ascent, 433
- Skagastölstind, Store: First Ascent, 384 *sqq.*
- Skala Bodorku: Attempt, 167
- Ski, probable first British wearer of, 388
- Climbing on, 228, 234
- Used in the Pamirs, 158
- Winter Expeditions on, 419
- Ski-runners, and the risk of Avalanches, 88
- Škrlatica, N.W. Face: Ascent, 75
- Slingsby, W. C.: death, 383, 418
- Snowcraft essential to Ski-runners, 88 *sqq.*
- Sonklarspitze, the, 299
- Sonnigwichel: First Ascent, 398
- Spencer, S., Hon. Sec., A.C., and the Exhibitions, 3
- Thanks to, 3, 7, 258
- Stable, D. W.: death, 418
- Stammerspitze, Peaks of: First Ascents, 176
- Staublawine, 94
- Stecknadelhorn
- Ascents
- by E. Face, 325
- First from Ried Glacier, 316, 322
- Stecknadelhorn-Hohberghorn-Dürrenhorn: First Traverse, 212
- Steuri, A., guide, 284
- Steuri, E., guide, 284
- Steuri, Fritz, guide, 24 *n.*, 284
- Steuri, Hermann, guide, 422
- Stone-falls, 38, 39, 116, 216, 297, 298, 348, 404, 415, 416, 420, 430
- Accident from, 435
- Strahlbett: Ascent by S. Face, 416
- Streich, Kaspar, guide, 25 *n.*
- Stubai Alps, Tyrol, Climbs in, 294
- Guide and Maps for, 303
- Stutfield, H. E. M.: death, 218, 230, 260, 391
- Supersaxo, Oscar, guide, 404
- Suter, Fr., guide, 285
- Svenska Fjällklubb, the, 419
- Svenska Turistförening, the, 356, 357
- Swedish Mountaineering Clubs, 419
- Switzerland, Weather Reports in, 229
- TAIRRAZ, J. P., guide, 128, 150
- Tanimas Pass, Discoverers of, 157, 159
- Tasman and Cook, Mts.: Traverses of, 5
- Taugwalder, Franziskus (guide): death, 435, 436, 437
- Taugwald or Taugwalder, Peter, guide, 227, 436 *n.*
- Taugwalder, Peter, jun., guide, 317, 436
- Technicalities, 287
- Alcohol, 292
- Axes and Axe Slings, 290 & *n.*
- Bivouacking, 291
- Boots and Nails, 288
- Climbing, 292-3
- Clothing, 288-9
- Eiderdown Quilts, 291
- Food and Cooking, 291
- Ice Axe, 290
- Lanterns, 291

Technicalities—*cont.*

- Rope (*see also* Rope, Frozen, and Rope, Spare), 290
 Knot-making, 291
 Rucksacks, 289
 Zdarsky tent-sack, 291 *n.*
 Teichelmann, Mt.: First Ascent, 236, 310 *sqq.*
 Tenneverge, Chamois de, Corne Nord du: Ascent, 412
 Teufelsjoch: First Ascent, 438
 Thamatuwe, Mt.: First Ascent, 406
 Peak N. of: First Ascent, 406
 Thöni, Emil, 210
 'Three-Thousanders,' The British: Ascents, 229-30
 'Till Fjälls,' Årsbok of the Swedish Mountaineering Club, 420
 Tissay, —, guide, 108
 Todhunter, R.: death, 3
 Toerring-Jettenbach, Graf Hans z.: death, 399
 Tokugō Pass, 9
 Tot Tau: First Ascent, 167
 Tour Noir: Ascent, 36
 Tournier, J. M., guide, 119, 122, 124
 Traill's Pass, New Crossing of, 5
 Trélatête, Aig. de: Ascent, 36
 Col de: Traverse, 36
 Tribulaun Kamm, the, 299
 Tribulaun, Pfärscher: Ascent, 299 & *n.*
 Triglav, the, 75
 Trubinasca, Pta, di: First Ascent, 199
 Tschierwa, Piz, N. Face: First Ascent, 199
 Tschingelfluh, Pt. 2826 m.: First Ascent, 438
 Tschumurtscheran Tau, Highest Peak: First Ascent, 167
 Tsune, guide, 10
 Tuiber Pass: Crossed, 168
 Turkestan, Glaciers of, 266 *sqq.*
 Turner, S.: death, 402
 Tyndall, Mt.: First Ascent, 334
 'Ultima Thule,' Årskrift of the Lapland Alpine Club, 356, 419
 Umanak, N. Greenland: Ascent, 428
 Umzimkulu Valley, Peak at head of: First Ascent, 406
 Unnamed Peak, Sierra Nevada: First Ascent, 336
 Ushba: Attempted, 167
 VALAIS, the, Compulsory Insurance in, 421
 Vallot, Charles, Hon. Mem., A.C., 220, 260
 Vargryggen Ridge, views of, 359
 Vêlan, Mt., view from, 35
 Verte, Aig.: Ascents, 36
 by 'Moine' Arête, 37
 of N. Face, 398, 430
 Former Name, 114 *n.*
 Villerspitz, Hohe: First Ascent, 299
 Visser, P. C., R.G.S. award to, 424
 WADDINGTON, Mt.: First Ascent by N.W. Peak, 160, 165
 Walter, Mt., 315
 Watzmann, Gross and Klein: First Ascents up W. and E. Faces, 426
 Warren, Mt., 348: Ascent, 349
 Weather Reports, in Switzerland, 229
 Weisshorn
 Ascents, 56-7
 of W. Face, Second, by New Route, 176
 Weissthorn, Alt, a correction, 224
 Welcome, Mt.: First Ascent, 238
 Wellenkuppe, the, 227 *n.*
 Wellenkuppe-Ober Gabelhorn: First Traverse of, 199
 Wetterhorn: Accident on, 435
 Wetterhorn, Scheidegg: Ascent by N.W. Face, 404
 Wetterhorn, Schwarzwaldfirn first reached from the N., 210
 Wherry, G. E.: death, 2, 190, 257
 Whitetip, Mt.: Ascent, 162
 Whitney, Mt.: Attempts on, 334
 First Ascent, 334
 Height, 328
 Levelling up of, 432
 Whympy, E., 101, 198, 226, 227, 256
 Wildspitze, Stubai, 299
 Williams, Vic, guide, 234, 236, 304, 308, 310, 313, 314, 315
 Williamson, Mt.: First and other Ascents, 338
 Winter Ascents, 228, 229
 Guideless, 228-9
 Wolff, G. de, Gift by, to A.C., 220, 258
 Wollaston, C. H. R.: death, 2
 Wundt, T. von: death, 425
 Wyss, —, guide, 233
 YARIGATAKE, Mt., Koyari Peak: Ascent, 17
 ZINAL-ROTHHORN: New Ascent by S.E. Arête and E. Face, 6
 Zocca, Piz (Monte di): First Ascent by S. Face, 211
 Zumsteinspitze: Traversed, 281
 Zurbrücken, Mathias, guide, 318