

The entire text of the second edition is revised, rearranged, and rewritten, and the authors have not only simplified the general plan of the guide, but, acting on the advice of the reviewers of the first edition, have added a number of new features, and at the same time have not increased the bulk of the volume. The plan of listing peaks alphabetically within their groups has been retained, and to each peak is added not only the altitude, but the map reference number and a key letter indicating its oceanic watershed. It has been considered undesirable to retain the earlier sectional sketch maps, and instead a general key-map has been included. A new feature, noticeably absent from the first edition, is an index of passes with appropriate textual references. A glance at the index of peaks reveals in italics how many mountains in the Rockies are but tentatively named; and it is to be hoped most emphatically that the decisions of the Geographic Board of Canada, in confirming or revising the suggestions of pioneer mountaineers, will be arrived at with more wisdom and appropriateness, and less regard for passing political fancy, than has been evinced in the recent past.

N. E. O.

THE ALPINE CLUB LIBRARY.

By A. J. MACKINTOSH.

The following works have been added to the Library:

Club Publications.

- (1) **Akad. Alpenclub Bern.** 25. Jahresbericht 1929-30. $9 \times 5\frac{3}{4}$: pp. 34: plates.
- (2) **Akad. Alpenclub Zürich.** 34. Jahresbericht. 9×6 : pp. 43. 1929
- (3b) **Akad. A. V. München.** 38. Jahresbericht. $8 \times 5\frac{1}{2}$: pp. 55: plates. 1930
- (3) **Alpenver. Donauland u. D. Alpenver. Berlin.** Nachrichten. $12 \times 9\frac{1}{4}$. 1930
- (4) **Alpine Club.** Journal. 1930
- Letter to the Marquis d'Azeglio, from John Ball. $8\frac{1}{4} \times 5$: pp. 11. London, 1858
- (5) **Alpine Club of Canada.** Journal, vol. 18. 9×6 : pp. 133: plates. 1929
- (6) **American Alpine Club.** Journal, vol. 1, no. 2: pp. 93-243: ill. 1930
- (6d) **Appalachian Mountain Club.** Appalachia. $9\frac{1}{2} \times 6\frac{1}{4}$: ill. 1930
- Index to volumes 1 to 10, 1876-1904. $9\frac{3}{4} \times 6$: pp. 72. 1906
- Register for 1930. $7\frac{1}{2} \times 5$: pp. 143. May 1930
- Bulletin 1930
- (6c) **Associated Clubs of N. America.** Mountain Magazine. 1930
- (6b) **British Ski Year Book.** Vol. v. $8\frac{3}{4} \times 5\frac{1}{2}$: pp. 375-828: plates. London, 1930
- (7) **C.A.F. La Montagne.** 1930
- Guides et porteurs. 1930
- (8) —— **Groupe de Haute Montagne.** No. 4. $8\frac{1}{2} \times 6$. 1930
- **Barcelonnette.** Bulletin. $10 \times 6\frac{1}{2}$. Années 1924, 1925

- C.A.F. Isère.** Circulaire trimestrielle. $8\frac{1}{4} \times 5\frac{1}{4}$. 5e année. 1930
 (9) — **Lyon.** Revue Alpine, vol. 31. $9\frac{1}{2} \times 6$: plates. 1930
 — **Sect. du Sud-Ouest.** Bulletin d'informations, no. 1. $8\frac{3}{4} \times 5\frac{1}{4}$:
 pp. 4. Bordeaux, 1925
 — **Sect. Vosgienne.** Bulletin. 49 année. $8\frac{1}{2} \times 5\frac{1}{2}$. 1930
 (10) **C.A.I.** Rivista mensile. 1930
 (11e) — **Fiume.** Liburnia. 1930
 (11c) — **Sede centrale Milano.** Rivista, anno 7, n.s. Fasc. 5-6.
 10×7 : ill. May-June 1930
 (11) — **Sez. Milano.** Anno 8. $9\frac{3}{4} \times 6\frac{3}{4}$: ill. 1930
 — **Palermo.** Le montagne della Conca. Comunicato mensile. 1930
 (11b) — **Trieste.** Alpi Giuglie. 1930
 (11d) — **Verona.** Rivista. 1930
 (12) **Cairngorm Club.** Journal, vol. 12. $9 \times 5\frac{3}{4}$. 1930
 (12b) **Centre excursionisti.** Barcelona. Buttleti. 1930
 (13) **Club alpin belge.** Bulletin. 1930
 (14) **Club suisse de femmes alpinistes.** Nos montagnes. $10 \times 7\frac{1}{4}$. 1930
Colorado Mountain Club. Local Walks. $6\frac{1}{4} \times 3\frac{1}{2}$: pp. 31. Denver, 1930
 (14b) — **Trail and timber line.** 9×6 : ill. 1930
 (15) **Deutscher Alpenverein Berlin.** Tätigkeitsbericht, 1928-29.
 $8 \times 5\frac{3}{4}$: pp. 15. 1930
 — Monatschriften. 8 Jahrg. 1930
Deutscher Gebirgs-Ver. f. d. Jeschken- u. Isergebirge. 40. Jahrbuch.
 9×6 : pp. 161: ill. 1930
 (16) **D.u. Oe. A.-V. Zeitschrift.** Bd. 61. $10 \times 7\frac{1}{4}$: pp. 258. 1936
 (17) — Mitteilungen. 1930
 — Taschenbuch für Alpenvereins-Mitglieder . . . 1930/1. 8×5 :
 pp. xvi: 402 portraits. 1930
 (18) — **Akad. Sect Wien.** Jahresbericht. Pp. 68: ill. 1929
 — — Mitteilungen. 31. Jahrgang. 9×6 . 1930
 — **Barmen.** Mitteilungen. 6. Jahrg. 1927
 — **Berchtesgaden.** See F.W. below.
 — **Freiburg.** Nachrichten. 9×6 . 1930
 (18b) — **Prag.** Festschrift zum jährigen Bestehen, 1870-1930.
 $9\frac{1}{2} \times 6\frac{1}{2}$: pp. 283: plates. 1930
Deutscher Skiverband. 25. Jahre. $9\frac{3}{4} \times 6\frac{3}{4}$: pp. 195: ill.
 München, Rother, 1930
 (19) **Federacion Vasco-Navarra.** Pyrenaica. Vol. 4. $9\frac{1}{4} \times 6\frac{1}{2}$. 1930
Fédération d. Soc. Pyrén. Bulletin pyr. 1930
Fédération montagnarde. Echo montagnard. 1930
 (19b) **Federazione prealpina Milano.** Le Prealpi. 1930
 (20) **Fell and Rock Climbing Club.** Journal. $8\frac{1}{2} \times 5\frac{1}{2}$. 1928-9
Harvard Mountaineering Club. Bulletin. $9\frac{1}{2} \times 6\frac{1}{2}$. 1930
 (21) — **Harvard Mountaineering,** vol. 1-2. 9×6 . 1927-8
Hellenic Alpine Club. Ekdromika organon ton ellinon ekdromeon.
 $11 \times 8\frac{1}{4}$: ill. Athenai, 1929-30
 (22) **Himalayan Club.** Himalayan Journal, vol. 2. April 1930.
 $8\frac{3}{4} \times 5\frac{1}{2}$: pp. 206: plates. London: Calcutta, Thacker, 1930. 8s. 1d.
 — **Hrvatsko Planin. Drustvo.** Hrvatski Planinar. 1930
 (23) **Hungarian Tourist Society.** Magyar Turista Szövetség Nemzetközi
 alpin kerkiallítása. International alpine exhibition of pictures.
 $7\frac{1}{2} \times 6\frac{1}{2}$: pp. 71: 112 plates of pictures. Budapest, 1930
 — **Japanese Alpine Club.** San-gaku-gwai. 1930
 (24) **Ladies Alpine Club.** (Handbook). $7\frac{1}{2} \times 4\frac{3}{4}$: pp. 62: ill. 1930
 (25) **Manchester University Mountaineering Club.** Journal. 10×8 :
 pp. 48 typed: photographs. London, Strand & Co., 1929
 (26) **Mazamas.** Mazama. 1930
 (27) **Mountain Club of S. Africa.** Annual no. 32. $9\frac{1}{4} \times 6\frac{1}{4}$: 141 ill. 1929
 (28) **Mountaineers.** The Mountaineer, vol. 23. Mount Rainier.
 $10\frac{1}{4} \times 6\frac{3}{4}$: pp. 84: plates. Dec. 1930

- National Ski Association of America.** *Ski News.* $10\frac{3}{4} \times 8\frac{1}{2}$.
 (29) **Nederland Alpen-Vereeniging.** *Mededeelingen.* 28. Jaargang. $9\frac{1}{2} \times 6\frac{1}{4}$. 1930
 (30) **New Zealand Alpine Club.** *Journal*, vol. 4, no. 17. 1930
 (31) **Den Norske Turistforenings Årbok.** $9\frac{1}{2} \times 6\frac{1}{2}$: pp. 279: plates. Oslo, 1930
 Articles: W. C. Slingsby: Botan. nasjonal park ved Sylene: Trondhjemsfeltets geologi: Døvre: Styggehø: Romdalshorn. 1930
 (32) **Oesterr. Alpenclub.** *Oesterr. Alpenzeitung.*
Oesterr. Alpenverein. *Geschäftsordnung, Statuten, Erster Verzeichniss der Mitglieder.* $7\frac{1}{2} \times 5\frac{1}{2}$: pp. 7: $8\frac{1}{4} \times 5\frac{1}{4}$: pp. 16. Wien, 1865
Pol. Towar Tatrzańsk. *Wierchy. Rocznik poświęcony górcom i goralszczyźnie. Rokosmy.* 10×7 : pp. 248, lxxviii: ill. Krakow, 1930
 (31b) **Real Soc. espan. de Alpinismo Peñalara.** Peñalara. $9\frac{1}{2} \times 6\frac{1}{2}$. 1930
 (32b) **Rucksack Club Journal.** 1930
 — *Handbook for 1931.* $5 \times 3\frac{3}{4}$: pp. 24.
 (33) **Scottish Mountaineering Club.** *Journal*, vol. 1. $99 \times 5\frac{3}{4}$.
Scottish Ski Club. *Journal*, 1930. $7\frac{1}{2} \times 5\frac{1}{4}$: pp. 44: ill. Glasgow, 1930
 (34) **Sierra Club.** *Bulletin*, 15. 1930
Ski Club of Great Britain. *Ski notes and queries.* $9 \times 5\frac{1}{2}$. 1930
 (35) **Svenska Fjällklubbens Årsbok.** *Till Fjälls.* $10 \times 7\frac{1}{2}$: pp. 76: ill. Stockholm, 1930
 (36) **S.A.C.** *Die Alpen.* 1930
 (37) — *Klubhütten-Album. Ergänzungsblätter.* 11×8 : pp. 20: maps, ill. Zürich, Mai 1930
 (38) — *Clubführer durch die Urner-Alpen.* II. Bd., 3 Aufl. $6\frac{1}{4} \times 4$: pp. 370: ill. Zürich, Tschopp 1930
 (39) — *Ski-Führer durch die Walliser Alpen.* Bd. III. $7\frac{3}{4} \times 5\frac{1}{4}$: pp. vii, 83 maps. Bern, Erben, 1930
 — **Basel.** *Jahresbericht für 1929. 67stes Vereinsjahr.* 9×6 : pp. 79: ill. 1930
 — **Chaux-de-Fonds.** *Bulletin annuel*, no. 38. $8 \times 5\frac{1}{4}$: pp. 102: plates. 1929
 (40) — **Mte. Rosa.** *La Cordée. Bulletin mensuel.* $9\frac{1}{4} \times 6\frac{1}{4}$. 1930
 — **Moléson.** *Bulletin mensuel.* 9×6 . 1930
 — **Pilatus.** *Mitteilungen.* 1930
 — *Programme d. courses.* $4 \times 2\frac{1}{2}$: pp. 11. 1931
 — **Uto.** *Der Uto. Nachrichten.* 9×6 .
United States Eastern Amateur Ski Association. *Yearbook.* 10×7 : pp. 102: ill. Bellows Falls, 1929
 (40b) **Slovensk. Planin. Drustvo.** *Planinski Vestrik.* 1930

New Books.

- (41) **Allegemeine Bergsteiger Zeitung.** *Nachrichtenblatt für Touristik u. Wintersport.* $17\frac{1}{2} \times 11\frac{1}{2}$. Wien, 1930
 (42) **Alpinisme.** *Revue trimestrielle illustrée de haute montagne.* Rédacteur H. de Ségonne. Paris, 1930
Amery, Leonold S. *Mountaineering as training for war.* In *Roy. Engineers' Journal*, London, vol. 45. $9\frac{1}{2} \times 6$: pp. 52-6 March 1931. 5s.
 (43) **Baedeker.** *Northern Italy.* 15th revised edition. $6\frac{1}{4} \times 4$: pp. lxxxii, 704: maps. Leipzig, Baedeker: London, Allen & Unwin, 1930
 (44) **Bauer, Paul.** *Im Kampf um den Himalaya. Der erste deutsche Angriff auf den Kangchendzönga, 1929.* 9×6 : pp. 174: plates. München, Knorr & Hirth, 1931
 (45) **de Beer, G. R.** *Early travellers in the Alps.* $8\frac{1}{2} \times 5\frac{1}{2}$.
 (46) **Der Bergkamerad.** *Illustrierte alpine Wochenschrift.* $12 \times 9\frac{1}{4}$. 1930

- (47) **Bergsteiger.** Monatschrift. Pp. xx, 204 : plates. 1930.
Bollettino del Comitato glaciologico italiano. N. 10. $10\frac{1}{4} \times 7\frac{1}{4}$:
 pp. 207 : ill. Torino, Tip. Sociale torinese, 1930, vii.
 Monterin, Umberto, Le variazioni periodiche dei ghiacciai italiani. Camo-
 letto, Carlo Felice, Osservazioni sui ghiacciai d. Alpi Marittime. Pereth,
 Luigi, I ghiacciai del versante merid. del Gruppo d. Gr. Paradiso. Merciai,
 Giuseppe, I ghiacciai della Presanella. Castiglioni, Bruno, Ghiacciai d.
 Breonie. Tonini, Dino, Sul ghiacciaio del Calderon nel gr. Sasso d' Italia.
 Capello, Carlo Felice, Bibliografia glaciologica, 1928/9.
- Bordeaux, Henry.** Contes de la montagne. $9\frac{1}{4} \times 7\frac{1}{2}$: pp. 157 : ill.
 Paris, Collection d'Adolescence catholique, n.d.
- Brandenstein, Wilhelm.** Glocknerfahrten. $7\frac{1}{2} \times 5$: pp. 34 : ill.
 Leipzig u. Wien, Deuticke, 1931
- Brewer, William H.** Up and Down California in 1860-1864. The Journal
 of William H. Brewer. Edited by Francis P. Farquhar. 9×6 : pp. xxx,
 601 : plates.
 New Haven, Yale University Press : London, Oxford University Press, 1930
- (49) **Camus, Théodore.** Oeuvres alpines. $7\frac{3}{4} \times 5\frac{1}{2}$: pp. xv, 247 :
 portrait : plates. Chambéry, Dardel, 1930
- Canadian Geographical Society.** Journal, vol. 1. 10×7 : plates.
 Ottawa, 1930
- (50) **Conway, Martin.** Andes in 1898. In Geogr. Journ. London, vol. 76,
 no. 6. $9\frac{3}{4} \times 6$: pp. 527-9. Dec. 1930
- Mount Cook.** 5×3 : pp. 36 : ill. N.Z., Mount Cook Tourist Co. [1930]
- Copeland, F. S.** Beautiful mountains. In the Yugoslav Alps.
 $10 \times 6\frac{3}{4}$: pp. 120 : ill. Split, Yugoslav Press [1930]
- (51) **Corbin, Paul, et Oulianoff, N.** Le Glacier de Tour. Ex. Bull.
 Soc.-géol. France, t. 293. 10×7 : pp. 147-151 : pl. 1929
- (52) **Couttet, Alfred ; Lunn, Arnold ; Petersen, Emil.** L'enchantement du ski.
 Introduction de Monsieur Henry Cüenot. $9\frac{3}{4} \times 6\frac{3}{4}$: pp. 159 : numerous
 plates. Paris, Editions alpina (1930)
 The chapters are :—Technique du ski, E. Petersen : Courses Slalom,
 A. Lunn : Alpinisme hivernal et le ski de glacier, A. Couttet.
- (52b) **Deutsche Alpenzeitung.** 1930
- (53) **Dubuy, R. P.** Ascension des monts Albert-Edward. In La Géogr., Paris,
 t. 54, nos. 1-2. $10 \times 6\frac{1}{2}$: pp. 45-8. Juillet, Août, 1930
- (54) **L'Echo touristique de la Corse.** 2me et 3me années. $9\frac{3}{4} \times 6\frac{1}{2}$. 1928-30
- (54b) **Engel, Claire Eliane.** La littérature alpestre en France et en Angleterre
 aux xviii^e et xix^e siècles. $10 \times 6\frac{1}{2}$: pp. xi, 286 : plates.
 Chambéry, Dardel, 1930
- (54c) — Byron et Shelley en Suisse et en Savoie 1816. $10 \times 6\frac{1}{2}$:
 pp. 112 : plates. Chambéry, Dardel, 1930
- (55) **F., W.** Die Grill aus der Ramsau. Eine deutsche Führerfamilie. Zum
 Fünfzigjährigen Führer-Jubiläum Johann Grills des jüngeren. Hsg v.d.
 Sektion Berchtesgaden d. D. u. Oe. A.-V. 9×6 : pp. 21 : portraits.
 Berchtesgaden, Vonderthann, 1930
- France.** Cent beaux aspects du Réseau P.L.M. $12 \times 9\frac{1}{2}$: plates. Paris, 1930
- (56) **Gaillard, Emile.** L'Aiguille de Bionnassay. Ex. Rev. Alp. 1928 avec
 corrections et additions. Chambéry, Dardel 1929
- (57) — Les Alpes de Savoie (tome cinquième). Les Massifs entre les lacs
 d'Annecy et du Léman. Première partie : Monts du Genevois (Rive gauche
 de l'Arve). Guide pour l'alpiniste. 6×4 : pp. 215 : sketch maps.
 Chambéry, Dardel, 1930. 28 frs.
- Un centre alpin dans le Haut Atlas marocain. $9\frac{1}{2} \times 6\frac{1}{4}$:
 pp. 16 : plates. Lyon, Impr. Salut public [1931]
- (58) **Galli-Valerio, B.** Guide du massif de Naye. Souvenirs de Courses et
 notes scientifiques. $6 \times 4\frac{1}{4}$: pp. 80 : ill. Lausanne, Frankfurter, 1930
- (58b) **Geographical Journal,** London. 1930

- (59) **Ghiglione, Piero.** Lo Sci e la tecnica moderna. Sci Club, Torino. Anno vi. $9\frac{3}{4} \times 8$: pp. 5, 278: plates. Bergamo, Istit. ital. d'arti grafiche, 1928
- (60) **Giovane montagna.** Rivista di vita alpina. Anno 15, num. 7: anno 16 num. 4-7. $10\frac{1}{2} \times 6\frac{1}{2}$: ill. 1930
- (61) **Glaciers.** Documents pour l'étude du mouvement du Glacier du Rhône. P. L. Mercanton, Le voyage du glacier à longue échéance. Commission d. glaciers de la Société helvét. d. Sc. nat. $12 \times 8\frac{1}{4}$: pp. 6. 1930
- (62) **Godefroy, R.** Géographie de la Savoie. $9\frac{1}{4} \times 6\frac{1}{2}$: pp. 186. Chambéry, Dardel, 1930
- Grand Teton.** Circular of general information. 9×6 : pp. 28: ill. U.S. Depart. Int. 1930
- (63) **Guiton, Paul.** La Suisse. $8\frac{1}{2} \times 6\frac{1}{4}$: pp. 221: plates. Grenoble, Arthaud, 1930
- (64) **Gyger, W. J.** Guide to climbs in the Upper Engadine. Third edition. $6\frac{1}{2} \times 4\frac{1}{2}$: pp. 101: ill. Samaden, Engadin Press, [1930]
- (65) **Hegi, Gustav.** Alpine flowers. The most common alpine plants of Switzerland, Austria, and Bavaria. Trans. by Winifred M. Deans. $8 \times 5\frac{1}{2}$: pp. xiii, 74: col. and uncol. plates. London and Glasgow, Blackie, 1930. 7s. 6d.
- (65b) **Hoek, H.** St. Moritz. Ein Führer und Reisebegleiter. $6\frac{1}{4} \times 4$: pp. 291. Zürich, Orell Füssli, 1931
- (66) **Holmes, Oliver Wendell.** A portrait. In Harvard Alumni Bulletin. $9\frac{3}{4} \times 7$: pp. 741-8: portrait. March 27, 1930
- (67) **Jenny, Ernst.** Christian Klucker. Erinnerungen eines Bergführers. 8×5 : pp. 305: plates. Erlenbach-Zürich, Rentsch, 1930
- (68) **Kain, Conrad.** Southern Alps of New Zealand. In Bull. Geogr. Soc., Phil., vol. 29, no. 1. $9\frac{3}{4} \times 6\frac{3}{4}$: pp. 13: ill. January 1931
- (69) **Kurz, Marcel.** Ski-Führer durch die Walliser Alpen. Bd. 3. Vom Monte Moro zum Gotthard. Hsg v. S.A.C. $7\frac{3}{4} \times 5\frac{1}{4}$: pp. xvi, 83: map. Bern, Wyss, 1930
- Guide des alpes valaisannes. Vol. 2 (du Col Collon au Col de Théodule) 2me éd. C.A.S. $6\frac{1}{2} \times 4$: pp. xxxviii, 347, 32 ill. Lausanne, etc., Payot, 1930
- (70) **de Lépiney, Jacques and Tom.** Climbs on Mont Blanc. Translated by Sydney Spencer. $8\frac{1}{4} \times 5\frac{1}{4}$: pp. xii, 179: plates. London, Arnold, 1930. 10s. 6d.
- (71) **Lugard, Lord.** First expedition from Uganda to Mt. Ruwenzori. In Geogr. Journ., London, vol. 76, no. 6. $9\frac{3}{4} \times 6$: pp. 525-527. Dec. 1930
- (72) **Mackinder, Halford.** Mount Kenya, 1899. In Geogr. Journ., London, vol. 76, no. 6. $9\frac{3}{4} \times 6$: pp. 529-534. Dec. 1930
- (73) **Mannering, G. E.** The Franz Josef Glacier. Pp. 2: 23 plates. Christchurch, N.Z., Whitcomb, [1930]
- Margerie, Emmanuel de.** L'œuvre de Sven Hedin et l'orographie du Tibet. $10 \times 6\frac{1}{2}$: pp. 139: portr., ill. Paris, Impr. nat. 1929
- (74) **Mason, Kenneth.** Nomenclature in Karakoram. In Geogr. Journ., London, vol. 76. $9\frac{3}{4} \times 6$: pp. 143-158. 1930
- (75) **Muller, Edwin, Jr.** They climbed the Alps. $8\frac{1}{2} \times 5\frac{3}{4}$: pp. viii, 216: plates. New York, Jonathan Cape, 1930
- Famous ascents of the Matterhorn, Mont Blanc: Tyndall's climbs: Stephen's climbs: The cragsman, A. F. Mummery: The modern, G. W. Young: Why they do it. A well-compiled and well-written book.
- (80) **Nansen, Fridtjof.** Durch den Kaukasus zur Wolga. $9 \times 6\frac{1}{4}$: pp. 184: plates. Leipzig, Brockhaus, 1930
- (76) **New Zealand.** Annual report on scenery preservation. 13×8 : plates. 1930
- (77) **Palmer, Howard, and Thorington, J. Monroe.** A climbers' guide to the Rocky Mountains of Canada. Second edition. Printed for the American Alpine Club. $6\frac{1}{2} \times 4$: pp. ix, 244: map. Philadelphia, Winston, 1930
- (78) **Paschel, Erwin.** Das Burgenbuch von Graubünden. $11 \times 8\frac{1}{2}$: pp. 100: plates. Zürich u. Leipzig, Orell Füssli, 1930

- Petitthuguenin, Jean.** A l'assaut de la Cime du Monde [Everest]. Collection 'Progrès.' $7\frac{3}{4} \times 5\frac{1}{2}$: pp. 29: ill. Paris, Rouff [1930], 30c.
- (79) **Pilkington, Lawrence.** The hills of peace and other Poems. $7\frac{3}{4} \times 5\frac{1}{2}$: pp. 49. London, Longmans, 1930. 2s. 6d.
- (81) **Robinson, Noel, and Moberley, Walter.** Blazing the trail through the Rockies. $9\frac{1}{4} \times 6$: pp. 117: ill. Vancouver, News Advertiser [1930]
- Sacco, Frederico.** Come nacquero le alpi. Ex. Riv. Touring Club ital. $9\frac{3}{4} \times 6\frac{1}{2}$: 116 ill. Maggio 1930
- I massi erratici. Ex Rass. Un. ligure escurs. $9\frac{3}{4} \times 6\frac{3}{4}$: 20 ill. Genova, Aprile 1929
- Il glacialismo nelle Valli Sesia, Stronia, Anza e nell'Ossola. Publ. N. 10, vol. 4: Ministero dei Lavori pubblici, servizio idrografico. Anno viii. $10\frac{1}{4} \times 7$: pp. 107: maps, ill. Roma, 1930
- (82) **Schätz, Josef Julius.** Berger und Bergsteiger. $10 \times 6\frac{3}{4}$: pp. (ii), 56: plates. Bielefeld u. Leipzig, Velhagen & Klasing, 1929
- (83) **von Schiller, Ernst.** Im Zeppelin über der Schweiz. $7\frac{1}{2} \times 4\frac{3}{4}$: pp. 16, 55 plates. Zürich, Orell Füssli, 1930
- (84) **Schomberg, Reginald C. F.** Three journeys in the Tien Shan, 1928–1929. In Geogr. Journ. London, vol. 76, no. 1. $9\frac{3}{4} \times 6$: pp. 25–38: ill. July 1930
- (85) **Schwartz, Myrtil.** . . . et la Montagne conquiert l'homme. Histoire du développement de l'alpinisme. Préface de Henry Bregeault—Introduction du Col. A. Brocard. $9\frac{1}{2} \times 7\frac{1}{2}$: pp. v, 329: plates. Paris, Fischbacher, 1931. frs. 60
- (86) **Scize, Pierre.** En altitude. Eaux-fortes et Héliogravures de Joanny Drevet. $8\frac{3}{4} \times 5\frac{1}{2}$: pp. 167: plates. Grenoble, Didier et Richard, 1930
- (87) **Smythe, F. S.** The Kangchenjunga Adventure. 9×6 : pp. 464: plates. London, Gollancz, 1930
- (88) **Soper, J. Dewey.** Explorations in Baffin Island. In Geogr. Journ., London, vol. 75, no. 5. $9\frac{3}{4} \times 6\frac{1}{4}$: pp. 435–443: plates. May 1930
- (89) **Spoletto, Duke of:** Prince Aimone of Savoia-Aosta. The Italian expedition to the Karakoram in 1929. In Geogr. Journ., London, vol. 75, no. 5. $9\frac{3}{4} \times 6\frac{1}{4}$: pp. 385–411: plates. May 1930
- Includes 'Geological work' by Ardito Desio.
- (90) **Streiff-Becker, R.** Altes und Neues über den Glärner-Föhn. SA Mitt. d. Naturf. Ges. d. Kantons Glarus. $8\frac{3}{4} \times 6$: pp. 51: ill. 1930
- (91) **Switzerland.** Summer-Season in Switzerland 1930. List of Forthcoming Sports and Social Events. $7\frac{3}{4} \times 4\frac{1}{2}$: pp. 28. Swiss Nat. Tourist Office, 1930
- (92) **Tatsienlu.** The mountains about. In Geogr. Journ., London, vol. 74, no. 4. $9\frac{3}{4} \times 6$: pp. 345–356. April 1930
- (93) **Thorington, J. Monroe.** The Cariboo Journal of John Macoun. In Bull. Geogr. Soc., Phil., vol. 28, no. 3. $9\frac{3}{4} \times 6\frac{3}{4}$: pp. 199–209. July 1930
- (94) **Trinkler, Emil.** Explorations in eastern Karakoram and in the western Kunlun. In Geogr. Journ., London, vol. 75, no. 6. $9\frac{1}{2} \times 6\frac{1}{4}$, pp. 505–517: ill. June 1930
- (95) **Tschudi, Carlos.** Ein Dankesbuch. $9\frac{1}{4} \times 7$: pp. 152: portraits. n.p., n.d., [1930]
- (96) **Tyler, J. E.** The Alpine Passes. The middle ages. $8\frac{1}{2} \times 5\frac{1}{2}$: pp. viii, 188. Oxford, Blackwell 1930
- (96b) **Vie Alpine.** Revue de régionalisme. Grenoble, 1930
- (97) **Visser P. C.** Mountains of central Asia and nomenclature. In Geogr. Journ., London, vol. 76, no. 2. 9×6 : pp. 138–142. August 1930
- (98) **Ward, F. Kingdon.** The Seinghku and Delei Valleys. In Geogr. Journ., London, vol. 75, no. 5. $9\frac{3}{4} \times 6\frac{1}{4}$: pp. 412–435: plates. May 1930
- (103) **Wells, Carveth.** Colour of Ruwenzori. In Geogr. Journ., London, vol. 76, no. 2. 9×6 : pp. 110–26: ill. Aug. 1930
- (99) **Wilson, Henrietta.** Memories of the mountains (Canada). In Can. Geogr. Journ., Montreal, vol. 1, no. 3. 10×7 : pp. 207–238: ill. July 1930
- (100) **Winkler, Max.** La nouvelle technique du ski. 7×5 : pp. 148: ill. Chambéry, Dardel, 1930

- (101) **Wordie, J. M.** Ascent of Petermann Peak, Greenland, 1929. In *Geogr. Journ.*, London, vol. 75, no. 6. $9\frac{1}{2} \times 6\frac{1}{4}$, pp. 481-504: ill., map. June 1930
 (102) **Younghusband, Francis.** Muztagh Pass in 1887. In *Geogr. Journ.*, London, vol. 76, no. 6. $9\frac{3}{4} \times 6$: pp. 522-5. Dec. 1930

Older Books.

- Beattie, William.** Switzerland illustrated in a series of views taken expressly for this work by W. H. Bartlett. $11\frac{3}{4} \times 9$: parts 14-26, paper covers: vol. 1, pp. 165-188: vol. 2, pp. 136. London, Virtue [136]
Beaumont, Elie de. Faits pour servir à l'histoire des Montagnes de l'Oisans. In *Annales d. Mines.* 3me sér. t. 5. $7\frac{3}{4} \times 4\frac{3}{4}$: pp. 3-63: map. Paris, 1834
de Beer, G. R. A campaign in the Alps in 1799. In *Army Quarterly*, London. $9 \times 5\frac{3}{4}$: pp. 312-328: map. Jan. 1931
Buxton, E. N. On either side of the Red Sea. 8×6 : pp. viii, 163: plates. London, Stanford, 1895
C[atelin] Edmond de. Notice sur la découverte des cadavres après quarante et un ans de séjour dans la glace. $8\frac{1}{4} \times 5\frac{1}{4}$: pp. 7.
Le Conte, Joseph. A Journal of Ramblings through the High Sierra of California by the University Excursion Party. $8\frac{1}{2} \times 5\frac{3}{4}$: pp. xii, 152: portrait. San Francisco, Sierra Club, 1930
 A reprint from 1875.
Ebel, I. G. Les nouvelles routes par le pays des Grisons jusqu'aux lacs Majeur et de Como. En 32 Vues par I. I. Meyer. $9\frac{3}{4} \times 6\frac{3}{4}$: pp. 169: 31 col. plates, $4\frac{3}{4} \times 4\frac{1}{4}$: map. Zürich, Mayer, 1927
 Very delicate prints, charmingly coloured. This copy is in spotless condition.
Galli-Valerio, B. Guide du Massif de Naye. Souvenirs de courses. $6 \times 4\frac{1}{4}$: pp. 80: map. Lausanne, Frankfurter, n.d.
Götsch, Georg. Das Leben der Gletscher und Andenkungen über die naturwissenschaftliche Ausleute der Oetzthaler Gebirgstokes, etc., etc. $6\frac{3}{4} \times 4$: pp. 84: ill. Innsbruck, 1864
Joanne, Adolphe. Excursions dans le Dauphiné, 1850-1860. In *Le Tour du Monde*, vol. 2. $10\frac{3}{4} \times 8\frac{1}{4}$: pp. 369-400: map, plates.
King, S. W. The Italian valleys of the Pennine Alps. London, Murray, 1858
 An interleaved copy with MS. notes.
Lebert, H. Das Engadin. $8\frac{1}{4} \times 5\frac{1}{4}$: pp. iv, 52. Breslau, 1861
Mills, D. Gordon. Mountaineering and the Pursuit of the Open Air. Random Notes and Hints. $8\frac{1}{2} \times 5\frac{1}{2}$: pp. 20. Mountain Club of South Africa (1926)
Moseley, Henry. Descent of glaciers. In *Proc. Roy. Soc.* $8\frac{1}{4} \times 5\frac{1}{4}$: pp. 11. Apr. 11, 1861
Ostervald, J. F. Recueil des hauteurs des Pays compris dans le cadre de la carte générale de la Suisse. $7\frac{3}{4} \times 4\frac{3}{4}$: pp. 123 and appendix. Neuchatel, 1844-1847
P . . . , Mr. Promenade aux glaciers. $6\frac{3}{4} \times 4$: pp. iv, 48. Genève, 1821
Reclus, Elisée. Excursions dans le Dauphiné, 1850-1860. In *Le Tour du Monde*, vol. 2. $10\frac{3}{4} \times 8\frac{1}{4}$: pp. 402-416: map, plates.
de Saussure, H. B. Relation abrégée d'un voyage à la cime du Mont Blanc. En août 1787. 8×5 : pp. 31. Genève, Barde Manget [1787]
 Presented by Rev. A. V. Valentine-Richards.
Shoberl, Frederic. The world in miniature. Switzerland: containing a description of the character, manners, customs, etc. . . . Illustrated by eighteen coloured engravings. $5\frac{1}{2} \times 3\frac{1}{4}$: pp. viii, 287: col. plates of costume. London, Ackermann (?1820)
Stotter, M. Die Gletscher der Vernagtthäler in Tiro. $7\frac{1}{2} \times 4\frac{1}{2}$: pp. 75: map. Innsbruck, 1846
Switzerland. Costumes suisses. 24 tinted lithographs. $4\frac{1}{2} \times 3$. Zürich, Weinig (?1840)

- Thomson, William.** Remarks on the interior melting of ice. In Proc. Roy. Soc. $8\frac{1}{4} \times 5\frac{1}{4}$: pp. 141-143. Feb. 25, 1858
- Trinker, Jos.** Höhenbestimmungen von Tirol und Vorarlberg. $10\frac{3}{4} \times 8\frac{1}{4}$: pp. 96. Innsbruck, 1852
- Tschudi, Gilg.** Die uralt warhaffting Alpisch Rhetia sampt dem Tract der anderen Alpgebirgen nach Plinii Ptolomei, Strabonis auch anderen Welt. . . . $8\frac{1}{4} \times 5\frac{1}{4}$: pp. 120. Betruckt zu Basell, 1538
- Tuckett, F. F.** MS. letter to Rev. Hy. Moseley on descent of glaciers. Aug. 27, 1861
- Alps of Dauphiné. In Proc. Roy. Soc. $8\frac{1}{4} \times 5\frac{1}{2}$: pp. 43-46. Dec. 8, 1862
- Vallée, Joseph la.** Voyage dans les départements de la France. Département du Mont Blanc. $7\frac{3}{4} \times 5$: pp. 40: map, plates. Paris, 1793: an. ii

Index to Subjects.

(Figures in brackets refer to entries in Library additions; figures not in brackets are dates. a. = ascent: d. = descent: tr. = traverse: 1 = first.)

First Ascents.

- 1 tr. 29 Ackerlsp. S. arête (18); 28 Pta. d'Albigna S.E. arête (36); 29 Aletschh. N. face (2): S.E. face (36); Cima d'Amola N.W. face and S. arête (18).
- 28 P. Balzetto S.S.W. arête (36); 30 Les Bans N.E. face (7); 1 cr. 29 Bashil Pass (4); 29 winter P. Bernina N. arête (4); 29 winter Aig. de Bionnassay (42); 1 tr. 27 Col de Blaitière (10); 30 Mt. Bona, Alaska (4); 28 Breitlauih. N.W. face (36); 1 a: Brenta (10).
- 28 Madre dei Camosci (10) N. face.
- 29 Catenaccio E. face and 1 a. of points on range, with ill. (10); La Chandelle, Belgium (10); 1 tr. Aig. du Chardonnet N. arête (7); Combin di Chessette S. face (10); 29 Civetta (10); 1 a. 29 Civettagrupper (32); Mt. Copper-crown (6); Pte Gioffredo au Corborant (7); winter 30 Grivola (116); 30 Le Crocodile N. face (9).
- 29 Torre Dario Maxxeni (10); 29 Hohes Dirndl S. face (18); 30 Droites N.E. face (4).
- 28 Ebnefluh S.S.E. arête.
- 1 d. Gebel eth Thebt S. arête (24).
- 27 Fallersteiss-sp. E. face (32); 1 tr. 29 Trident de Faudéry (10); 29 Gr. Fieberh. W. face (18); 30 Gr. Fiescherh. N. face (4); 30 by Fiescherwand (36); Finsteraarh. N.E. arête (36); 27 Aig. du Fou, Chamonix side (10); 29 (36); 29 E. face route ill. (2), (9).
- Gardecciasp. (17); 28 Gr. Gelmerh. E. face (36); 28 Gisigh. N. arête (86); 29 Giulchi (4); 29 Glatsherofenkogel S.E. face (18); 29 Aig. d. Glaciers, N.W. face (2) (10); 1 a. Gleriis (10); 27 Aig. de Roc du Grépon (10); new Gritstone climbs (32b); Grivola 29 Gr. Grundübelh. S. face (18.)
- D. d'Hérens S.E. face (6) (10); 30 winter Hochfeiler N.E. face, also Grüngrat (36); 21 Hochkarsp. S. arête (18); 29 Werfener Hochthron W. arête (18); 29 Hohe Hosswand N. face (18); 13 Hohe Warte N.E. face (46).
- 30 Intaba Endanyzana (4).
- 29 Ptes Jorasses N.W. face (4).
- 1 tr. 23 Kaisersp. N. arête (18); 29 Koshtantau N. arête (4); 29 Östl. Kreuzjoch S. face (17); 1 tr. 29 3 pks. Kulakta (4).
- 29 Langkofel N.W. face (32); 29 Cima Laste W. side (10); 29 Torre Lazzara (11b); Lyskamm W. pt. by N.E. face (13).
- Mt. Maudit E. face (10); 29 Becco di Mezzodi S. face (32); winter 29 Dôme de Miage (42); 28 Dom d. Mischabel arête N.-N.E. (10); 28 Cadun di Misurina (11d); 29 Montasch N.W. arête (32); 30 Mittagfluh. W. face (1); direct Mont Blanc Brenva side (4) (10) (42); Mont Blanc de Courmayeur by Brenva (42); 29 Mont Blanc du Tacul N.E. face (4) (10); 28 Aig. du Moine

- S.W. arête (10); Mt. Morrison (6c); 29 Mte. Mtermesoli W. arête (20); 29 Roda d. Mulon N. face (11b); 1 a. 28 La Muzelle W. face & 30 N.W. face (9).
 29 Navirianitau (4); 29 Mte. Nero S.E. face (18): E. arête (32); 29 Nesth. S. face (36); N.Z. 1 a. fr. 1895 (30);
 29 Obergabelh. by N. face of Wellenkuppe (10) (36).
 27 Mit. Packersp. N. face (132); 1 tr. 29 Col sup. d. Pélerin (9); 1930 Pinnacle Gully U.S.A. (60); 29 Aig. du Plan N. face direct (7) (9).
 29 Rax Preinerwand (18); 30 Ritzlih. by Aerlengrätli (1); 30 Tour Carrée de Roche Méane (7); M. Ross (4).
 27 Pala di S. Martino E. face (32); 1 a. Sanntaler Alps (32); Mt. Sangai (6); 29 Sart N. face (10); 23 Schienh. N.W. & N. arêtes (36); 29 winter Stubai Schwarzh (35); Mte. Serottini N. face (10); 22 Silbersp. S. arête (18); 1 a. Switzerland (36).
 Pta di Terra Rossa S.E. face 29 (10); 29 Triglav N.W. face (18); P. di Trona N.E. face (11).
 E gendarme Umm Shomar (24).
 29 Castello di Valgrande N. face (32); 29 Guglia di Valgrande S. face (32); 30 Dente N. d. Vecchia (11); 29 Pyramid Vincent W. side (10).
 Wendenstock S. face (36); 29 Torre Winkler S.W. face (10).
 Gebel Yithmid, S. pk., N. arête (24).
 29 Gr Zinne N.E. face (18).

General Subjects.

- Accidents, 1930 (4); Albanian Mns. (4); Mt. Albert Edward (53); Aletschgl. (17); Mt. Sir Alexander (6); Andes 1898 (42) (50); Andes of Bolivia (36); Aneroid (4); Massif de l'Argentera (9); Pta. dell'Argentera (32); Aig. d'Argentièr N.W. arête (36); Aig. d'Arias N.E. arête (42); Tours d'Asmao (7); Mt. Aspiring (30); Aviation (83).
 Baffin Island (88); Aig. de Bavella (7); Beartooth Mns. (6); Croix de Belle-donne (49); Bergell (67); Bernina (2) (32b); winter (47); 30 Bernina accident (4); Biancograt (36); Bibliography (85); Bibliography glaciers (48); Bietschh. (4); *Biography*, F. Allen (4)—Auguste Baud-Bovy (36), G. F. Browne (4), Ellis Carr (4), A. Fox (4), T. C. Fry (4), V. A. Fynn (2) (16), F. Gabet (7), Gerards (22), E. de Gigord (8), Robt. Grienberger (16), Grill (55), H. S. Hoare (4), Karl Hoffmann (16), T. H. Holdich (22), O. W. Holmes (66), R. P. Hope (4), T. P. H. Jose (4), C. Klucker (67), F. Nansen (4), P. Puiseux in mem. (8), Marie Imfeld-Seiler (4), W. C. Slingsby (20), J. H. Vigdal (4), A. F. R. Wollaston (4), T. v. Wundt (32); Aig. de Bionnassay (6b) (56); D. Blanche tr. (6); Bodpo La (22); Bokkeveld Mns. (27); Botany (65); Breonie glaciers (48); Brouillard arête (20); Byron (54c).
 Calderone glacier (48); Canada (6b); Canadian Rockies (4); Cantabro Astúrica (31b); Cariboo (93); Il Castello (10); Castle Rock of Triermain (20); Caucasus (4) (6) (10) (80); Cazorla (31b); Cedarberg Tafelberg (27); Cerredo (31b); Chamois (49); Aig. du Chardonnet N. face (7); At the Charpoua hut (24); Aigs. de Charrières (7); 28 Chearoco (36); Chetin (4); Chimborazo (6); Ciarforon N. face (42); Mte. Cinto (54); Civetta (47); Clariden (36); Pizzo Coca (11); Corsica (20) (54); Les Courtes N. face (7); Crocodile (36); Pico de Curavacas (31b).
 Dadjanschau (32); Dentelles de Montmirail (7); Aigs du Diable (36) (42); Disgrazia (67); Foca d. Disteis (32); Doe Crag (25); Dolomites (17) (49); Dom (6b).
 Eiger (4); Egyptian mountains (4); Elbsandsteingebirge (46).
 Finsteraarh. S.E. arête (36); Föhn (36) (90); Furggengrat (4).
 Gadul tau (47); Dent du Géant (49); Gesäuse (47); Glacier observations, Zemmgrund (47); Glacier de Tour (51); Glaciers (48) (61); Glaciers report 1929 (17) (36); Gletscherh. (36); Aig. du Goléon (49); Campanile d. Granate (19b); Graubünden (78); etymologie de Grépon (7); Greenland (4); Grintouz (52b); Groot Hoek Kloof (27); *Guide books*—Engadine (64), Italy

- (43), Naye (58), Rocky Mns. (77), St. Moritz (65b), Savoy (57), Valais Ski (39) (69), Urner Alpen (38).
 Sikkim Himalayas (22); Himalayas (16); Himalayas 1930 (17); Hochferner (16); a. Hohtanimas (46); Hochtör N. face (41); Hörnli (4).
 Ice (96b); Iceland (6b); a. 28 Illampu W. arête (36).
 Japan (66); Japan Mns., height of (4); Jonkershoek (27).
 Kagan Valley (22); Kanawar Kailas (22); Kangchenjunga (4) (6b) (11) (22) (36) (44) (87); Kangchenjunga accident 29 (22); Karakoram (1) (11) (22) (36) (58b) (74) (89) (94); Karakoram names (58b); Katahdin bibliography (6d); Kebnekaise 1880 (35); Kenya (72); Mt. Kenya exploration N. face 29 (4); Kilimandjaro (16); Kunlun (58b); Kyrie Eleison (7).
 Lake District (27); Lauteraarh. (36); Long's Pk. (6); Lorea group (16); Lyskamm (47).
 Climbing in Malaya (24); Picos de Mampodre (31b); Mangarts N. face (32); Marguareis (10); Maritime Alps glaciers (48); M. Maudit S. face (9); Mazeno Pass (22); Mont Blanc (70); Mont Blanc, Brenva (16); a. Mont Blanc by Sentinelle (4); Mt. Rose à skis (7); a. Mt. Rose E. face (4); a. 29 Pic Moore (4); Mountaineering (49) (54b) (75) (82) (85) (86) (99); History of Mountaineering (85); Mountaineering vocabulary (6d); Byron's love for the mountains (24); Muzart Pass (22); Muztagh Pass 1887 (102).
 d. 29 Nesth fr. S. (4); New Zealand (5) (68) (73) (76).
 Obituary, see Biography; Oisans (7); Orizaba (6); Mte. d'Oro (7).
 Paccard's lost narrative (4); Alpine Paintings Budapest (36); N. Palisade N. face (6); Pamir (Toeplitz) (10); Gr. Paradiso (10); Paradiso glaciers (48); Aig. du Paradou, Ardennes (13); Cima Pedum (29b); Gr. Peitlerkofel N. face (46); Pelmo (47); Aig. Noire de Petérét (7); Petermann Pk. (4) (58b) (101); La Peyraforca (12b); Photography (36); Aig. du Plan E. arête (36); Poetry (79); Sasso Pordoi (10); Portjengrat (29); Presanella glaciers (48); Pyrenees (12b) (31b) (32b).
 Mt. Rainier (28); a. 29 Rinderh. E. arête (4); Rochefortgrat (16); Rocky Mns. (67) (81); Roseg-Bernina (2); Gr. Aig. Rousse (42); Gr. Ruine (9); Ruwenzori (58b) (71) (103).
 Arête de Sabenques (42); Kl. u. Gr. Scheibe (36); Sierra Nevada de Sta. Maria (6d); Grain de Sarrasin (7); Savoy (62); d. 29 P. Scantschallas E. face S. arête (4); Scerscen (6b); Schobergruppe (46); Seinghku (98); Sextener Dolomites (16); P. B. Shelley (54c); Shyok Flood (22); Siabun (36); Articles on Sinai (24); Ski (52) (59) (100); Ski, S. Africa (27); Ski fr Seekarhaus (16); Snow (96b); Gr. Som Muraille (9); Sonamarg climbing centre (22); Aigs. du Soreiller (7); Pain de Sucre (7); Sumatra (14); Sport on Pamirs (22); Stüdl's Leben (18b); Svanetia (16); Switzerland (63) (91).
 tr. Täschli, Dom (4); 30 Tasman glacier accident (4) (30); Tatra (11); Gr. Teton E. arête (4) (5) (14b); Tien Shan (22) (58b); W. Tibet 29 (22); Tonquin (5); Toverkop (27); d. 29 Cima Tosa fr. N. (4); Tour glacier (51); Travel Alps (45); Triglav (16); various as. (47); N. face (4).
 3rd a. 29 Ushba (4).
 Velebit (40b); Torre Venezia (11c); a. 1875 doubtful Aig. Verte (4); Nant Blanc face (32); by Argentièrre face (42).
 Wastdale (25); Watzmann E. face (47); Weisse Berg (32); Weisshorn (42) (49); various (36); Wellington Sneeuwkop (27); Wetterh. S.W. arête (4); 23 and 29 N.W. face (4); Widdop rocks (25); Wiggitaler Bergen (36); Wischberg (47).
 Zillertal Alps (16).

Illustrations.

- A₂ (Canada) fr. S. (4); Aletschh. fr. S. (4); Aletschh. v. Gspaltenh. (36); Mt. Sir Alexander various (6); Sir Alexander Mackenzie fr. E. (5); Alphubel N.W. face (4); Altmann (36); Mt. Amery (4); fr. N.W. (5); Gl. d. Améthystes (23); Ancohuma (36); Ardennes Aiguilles (10); Asmachi-tau (26); Mt. Aspiring (30).

- P. Badile, N. ridge (36); Balmh. fr. Altels (63); El Basiero (12b); Batura Gl. (32); Bernina fr. Labyrinth (32b); W. face 1930 route (4); Clocher de Bertol (29); Biancograt (36) (82); Bietschh. various (4); S. face & routes (4); Bischofsmützen (18) (41); Black Crag various (20); Aig. de Blaitière (36); S.W. route (70); D. Blanche gendarme (6); Bogkhobashi (4); Crozzon di Brenta fr. Cima Tosa (11c); Mt. Bryce S. face (4) (5).
- Rio Freddo d. Madre d. Camosci, routes (10); Campanile basso (82); Gr. Capucin N. face (70); Pte. Carmen (36); Castle Mn. tower fr. S.E. (5); Cima Castrain fr. Medeon del Buinz (11b); Chafa Pejs (4); Aig. du Chardonnet (36); routes (13); Clocher du Chardonnet (7); Aigs. de Charrières (7); Chetin (4); Pta Cinque Dita (10); Civetta N.W. face (3b); Pizzo Coca (11); Gr. Combin (36); La Concarena (19b); Corno piccolo (10).
- Dames Anglaises fr. Pte. Croux (7); Aigs. du Diable (42); Corne du Diable (36); Mte. Disgrazia N. arête route (11); Aigs. Dorées (13); Droites fr. Tour Noir Gl. route (4).
- Ecrins massif (7); Eggstock (14); Évêque arête (70).
- Gr. Fiescherh. N. face route (4); Fiescherwand (3b); Finsteraarh. N.E. face routes (4); E. face (36); fr. Schrecksattel (36); Fleischbank (82); Forked Pk. fr. Kabur Gap (22); Aig. du Fou (36); Groupe du Fou E. side (36); Fouart fr. Medeon del Buinz (11b); Fremont Pk. (14b).
- Gadul tau, several (47); Colle Gimont (59); Pte. Gioffredo (7); Giulchi (4); S.E. face (10); Glaciers (48); Gletscherh. W. & S.E. arête (36); Glockner v. Ködnitztal (18b); Pta Gnifetti (11); Gösleswand (16); Greenland Mns. (4) (58b); Grépon various (7); Aig. de Roc du Grépon (7); Grintouz (52b); Grivola fr. Gr. Nomenon (11c); Güssfeldtsattel (2).
- D. d'Hérens (3b); Hochfeiler (16); Hochtanimas fr. W. & fr. S. (46); Huts D.u. Oe. A.-V. Prag (18b).
- Mt. Ida (5); Illampu various (46) (36).
- Aig. Javelle (13); Mt. Joffre fr. Cadorna (4); Jonkershoek (27).
- K₂ (32); Kabru (22); Kangchenjunga (16) (22); N.E. face, etc. (4); Kern Knotts Crack (25); C. Klucker Tombstone (4); Kunlun Pks. (58b).
- Obergabelh. fr. Mountet (36); Ob. Larsectal (16); Aig. de Leschaux. route (9); Pic Luigi Amedeo (20); Gde Luis (13); Lyskamm fr. Zumsteinsp. (13).
- Casque de Marboré (7); Marmolata S. face (82); Pte. Mathilde (63); Matroosberg fr. Roodeberg (27); Matterh. (Furggen & Hörnli) (4); fr. Gornergrat (36); fr. Theodulgl (4); Ital. summit and from Schönbühl (85); Langdale Pikes (32b); Roche Méane (9); Dôme de Miage fr. Refuge Durier (42); Mont Blanc by Eugène Guérard (96b); Mont Blanc du Tacul N.E. face route (4) (10); various (10); Mte. Rosa fr. Lyskamm (9).
- Napes Needle (25); Naranjo de Bulnes fr. N. (31b); Nesth. S. face route (4); Néthou (7).
- Obergabelh. fr. Mountet (14); Olifants River Dome fr. N. (27); N. Palisade, various (6).
- Piz Palü N. face, 1930 route (4); Pandim fr. S. (22); Aig. du Paradou (13); Cima Pedum (19b); Aig. Blanche de Pétéret (36) (85); Aig. Noire de Pétéret (3b) (36); fr. Aig. Isolée (7); Peyraforca various (12b); Aig. du Plan Grépon and N. face (36); N. face route (70); Petit clocher de Planereuse, route (70); La Polinosa (31b); Popocatepetl (85); *Portraits*—Duke of Abruzzi (85), L. Agassiz (85), S. A. R. Aimone di Savoia (11), C. Almer (85), U. Balestreri (11), Jacques Balmat (36) (85), H. v. Barth (85), K. Blodig (85), G. Bobba (85), G. F. Browne (4), A. Burgener (85), Ellis Carr (4), J. A. Carrel (85), J. Coaz (85), M. A. Croz (85), E. Desor (85), D. Dollfus-Ausset (85), F. Douglas (85), J. D. Forbes (85), T. C. Fry (4), F. Gabet (9), Père Gaspard (85), C. Gesner (85), D. Hadow (85), K. Hoffmann (16), T. H. Holdich (22), R. P. Hope (4), Ch. Hudson (85), E. Javelle (85), Julius Kugy (46), J. Lochmatter (36), F. Nansen (4), Dr. Paccard (36) (85), Joh. Pinggera (18b), Pope Pius XI. (85), E. Rey (85), J. J. Scheuchzer (85), J. Seiler (36), G. Sella (85), V. Sella (85), J. Simler (85), P. à Spescha (85), L. Stephen (85), B. Studer (85), G. Studer (85), Joh. Studl (18b), Taugwalder (85), P. K. Thurwieser (85), Aegidius Tschudi (95), C. Tschudi (95), Iwan v. Tschudi

(95), A. H. Tubby (4), J. Tyndall (85), Umberto di Savoia (59), L. Vaccarone (85), A. F. R. Wollaston (4); Pupluks (4).
 P. Qualivo N. face, 1914 route (4).
 Pta Ronchetti (10); P. Roseg N.E. face, 1930 route (4).
 Grain de Sarrasin (7); Sass Maor (82); Scarfs Mn. (5); P. Scerscen fr. Bianco arête (36); Schreckh. (63): fr. Lauteraarh. and fr. Finsteraarh. (36); Passo d. Sentinella (16); Il Sigaro (11); Siniolchum (16); Skrlatica (4); Sneeuw-kop, W. face (27); Pain de Sucre (7); Svetgar-tau (16).
 Adaberg Tafelberg N.W. face (27); Täschh. fr. Alphubel (4); Gr. Teton fr. N.E. (6): fr. E. (4); Tien Shan ((58b); Tirich Mir fr. N. (22); Cadini di Tocci (71d); Toverkop fr. S.W. and fr. E. S. face (27); Trident N. face (70); Torre Trieste fr. E. (10); Triglav routes (40b) (47): N. face (4); Chaîne du Turc various (7); by W. M. Turner (54b).
 Ulrichsp. (1).
 Aig. de la Varappe, summit (13); Torre Venezia (11c): fr. W. (10); Aig. Verte N.E. face routes (42); Vignemale (7); Mte. Viso (85).
 Weisshorn various sides (42): ridges (6d): fr. Rothhorn (36); Wendenstöcke fr. S. (36); Wetterh. Scheidegg fr. N. etc. (4): (Bredermann, col.) (4): S.W. arête (4); Windlisp (36).
 Zanayhörner fr. E. (52b).

CORRESPONDENCE.

'THE ASSAULT ON KANGCHENJUNGA, 1930.'

To the Editor of the ALPINE JOURNAL.

SIR,—Several points arise in Mr. Smythe's article in 'A.J.' 42, pp. 202-225, to which I am bound to take exception. In my forthcoming book dealing with the attempt on the mountain by the International Expedition, I intend to give full answers to the criticisms of equipment, transport, choice of route and leadership made by Mr. Smythe in the above paper.

I may add that Herren Hoerlin, Wieland, Schneider and others of my companions hold entirely different views from those of Mr. Smythe.

I am, etc.

March 23, 1931.

G. O. DYHRENFURTH.

To the Editor of the ALPINE JOURNAL.

SIR,—I understand that Professor Dyhrenfurth has taken exception to certain criticisms in my paper, 'The Assault on Kangchenjunga, 1930.' I should like to make it clear that these criticisms which deal with the weight of the equipment, the route chosen, and transport difficulties are not intended personally. They are meant as constructive criticisms for the guidance of future expeditions and, if as a result of reading them, no other parties attempt Kangchenjunga from the Nepal side, I shall feel that they have been justified.