Blanc and the Wetterhorn, and the icebergs of the Märjelen See. A welcome variety was a very forcible rendering of an Alpine gorge in winter, from the same hand. Mr. McCormick, another old favourite, again appealed to our imaginations. He sees in a glacier 'The Gate of Fairyland,' and at dawn the ranges resolve themselves for him into opposing armies of light and darkness.

One of the most important oil-paintings was Mr. Howard's picture of the glow of sunset on the Dent Blanche; as near to Nature as paint can come in seizing a momentary effect. Mr. Hardwicke Lewis's 'The Grammont: Lake of Geneva' was a delicate representation of winter sunlight on water and mountain snow. We have left to the last the striking contributions of Signor Giacometti, an avowed follower of the late Signor Segantini both in technique and feeling. Of these, 'Springtime' was the most important. Had some atmosphere been indicated between the spectator and the snows in the background, this picture would have been a success. There was much to admire in the vivid realisation of the fruit-blossom and flowers, and the restrained sentiment of the figures. S. Giacometti also showed a strong Engadine landscape, and a violent head of a red-haired boy.

In endeavouring to notice a few characteristic works we have had to leave unnoticed many paintings by the artists referred to, as well as much meritorious effort by other and here unnamed contributors.

THE ALPINE CLUB LIBRARY.

The following additions have been made since October:—

New Books and New Editions.

Alpine Gipfelführer. 8vo, ill.
Stuttgart u. Leipzig, Deutsche Verlags-Anstalt, 1906. M. 1.50 each.
5. A. v. Radio-Radiis. Der Dachstein. 8vo, pp. 74.
6. H. Cranz. Bettelwurf- und Speckkarspitze. pp. 104.
7. J. Gmelch. Der Grossglockner. pp. 80.
8. R. Roschnik. Der Triglav. pp. 84.
This is a very useful series of monographs, well printed and well illustrated. The four earlier numbers, published in 1905, were on the Zugspitze, the Elmauer Hauptspitze, the Ortler, and Monte Rosa.

Baedeker, K. The Dominion of Canada with Newfoundland and an excursion to Alaska. Handbook for travellers. 3rd edition.
8vo, pp. lxiv, 330; maps. Leipzig, &c., Baedeker, 1907. 6/-
The notes on climbing have been supplied by Messrs. Jackson, Fay, Vaux, and Wheeler.

[Barrère, E.] *see* ps. Phagoa.

Brock, R. W. The Lardeau District, B.C. In Geol. Survey Canada, Summary Report AA for 1903. Ottawa, Dawson, 1904
8vo, pp. 42–81.
On the Pool Creek valley, Mr. Brock writes:—'The glaciers have retreated little during the last few years. The present glaciers are merely remnants of large valley glaciers. Some are more than 100 ft. thick, even at their lower terminals. These valley glaciers have produced rock basins and cirques at the head of the streams, but in slates and schists these are usually not well preserved, unless the glacier has only recently vacated them, the stream altering their forms to funnel-shaped basins. For this reason, if for no other, well-

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formed cirques are less common than in granitic rocks. . . . There is strong evidence of the important effects of abrasion by the ice-mass. . . . A characteristic result is the production of lake basins. Trout Lake is 765 ft. deep, has a rock lip, and there is a rock divide above its head. There is no evidence of important faulting here, but every indication that the valley bottom is a huge "dug-out."'

Brooks, A. H., Alaska; *see* Report 8th Geogr. Congr.

Chaney, L. W., Montana Rockies; *see* Report 8th Geogr. Congr.

Chiavero, A., *see* Santi, F.

Cranz, H., Bettelwurf- und Speckkarspitze; *see* Alpine Gipfelführer, 6.

Deutsche Alpenzeitung. Natur und Kunst. VI. Jahrgang (1906–1907). I. Halbband (April 1906–September 1906).
München, G. Lammer, 1906. M. 7
4to, pp. 330; plates.

Among the articles are;—

Dr. Uhde-Bernays, In corsischen Bergen.
L. Günthersberger, Die Guglia in den Brenta-Dolomiten.
M. Hoek-Kaltenbach, Auf Skiern in Jotunheim.
K. Gundlach, Winkelkar, Pyramidenspitze.
F. X. Endres, Auf d. Innerkofler Turm über die Nordostwand.
J. Simon, Tour Sallières.
H. Prey, Der 'Linzerweg.'
O. Langl, Die Zillerthaler Mörchenschneide.
A. Halbe, Die neue Kreuzeck-Hütte.
R. Zeller, Das Schweizerische Alpine Museum in Bern.
E. W. Bredt, Alpine Landschaften aus verschiedener Zeit.
W. Fischer, Eine Ueberschreitung des Blosstocks im Elbsandsteingebirge.
Th. Girm-Hochberg, Auf südlichen Grenzpfaden.

No. 4, May, is devoted to the Bernese Oberland.

As in previous years, this periodical is again remarkable for the number and the excellence of its illustrations, taken from photographs, paintings, and woodcuts. O. Barth and E. T. Compton contribute several coloured plates.

—— Beilage zur Verkehr und Sport. II. Jahrgang, Nr. 1–12. 1906
4to, pp. 200.

Durst, Carola. Im Zauberreich der Berge. Märchen und Sagen. Den Freunden der Bergwelt für ihre Jugend gewidmet.
8vo, pp. 144; ill. Stuttgart, Horster, 1906. M. 3
A volume of well-told fairy tales.

Eichenberger, A. Guide routier Suisse. 2me édition.
8vo, pp. 124; map. Zurich, W. Steffen, 1906

Ferrand, H. Le Vercors. Le Royannais et les quatre montagnes, Région du Mont-Aiguille, du Vilard-de-Lans et des Grands-Goulets. Les Montagnes Dauphinoises. Grenoble, Gratier et Rey, 1904. Fr. 20
4to, pp. 95; ill.

—— D'Aix-les-Bains à la Vanoise. La Savoie Méridionale.
Grenoble, Gratier et Rey, 1907. Fr. 25
4to, pp. 124; plates.
Very finely illustrated.

Förderreuther, Max. Die Allgäuer Alpen. Land und Leute.
Kempten u. München, Kösel, 1907. M. 10
Roy. 8vo, pp. xvi, 525; plates.

This finely illustrated work is now complete in eight parts. The coloured and other plates are from drawings by E. T. Compton and others; and there are numerous illustrations from photographs. The text is of very varied interest as it deals with the scenery, history, and daily life of the people. The sections are:—The land and its history, the scenery, botany, fauna, inhabitants, buildings (illustrations of all types of house, cottage, fence, etc.), industries (fully illustrated), the seasons. Altogether a very well filled-in picture of the life of an Alpine district.

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Gmelch, J., Der Grossglockner; *see* Alpine Gipfelführer, 7.

Hints to Travellers, scientific and general. Edited for the Council of the Royal Geographical Society by E. A. Reeves. 9th edition, revised and enlarged. Vol. I. Surveying and practical astronomy. Vol. II. Meteorology, photography, geology, natural history, anthropology, industry and commerce, archæology, medical, etc. London, R.G.S., 1906. 15/- net
8vo, pp. xi, 470; viii, 280; maps, ill.
Vol. 2, pp. 257–260, has an article on 'Mountain Travel,' by D. W. Freshfield, revised by C. T. Dent.

Hoek, H., und E. C. Richardson. Der Ski und seine sportliche Benutzung. Erste deutsche Auflage besorgt von H. Hoek.
München, Lammer, 1906. M. 4
8vo, pp. viii, 196; ill.
Partly a translation of Richardson's 'Ski-running.' A second edition of this useful work has been published. It is an excellent handbook to the sport.

Holdich, Sir Thomas. Tibet, the mysterious.
London, Alston Rivers [1906]. 7/6 net
8vo, pp. xii, 356; maps, plates. A volume of 'The Story of Exploration' series, edited by Dr. J. S. Keltie. This describes the country geographically and geologically, gives the history of its exploration by Europeans and a bibliography.

Jacob, Louis. La formation des limites entre Le Dauphiné et La Savoie (1140–1760). Contribution à l'étude de la Géographie historique du Sud-Est de la France. Paris, Champion, 1906
8vo, pp. 106; maps.
Presented by the Rev. W. A. B. Coolidge.

Jäger, V. In der Gebirgswelt Tirols. Naturwis. Jugend- und Volksbibliothek, xxix. Bändchen. Regensburg, Manz, 1906
8vo. pp. 132; ill.

Jenny, Dr. E. Ueber Fels und Firn. Wetterhorn, Jungfrau, Finsteraarhorn und Mönch. Zofingen, Fehlmann, 1906
8vo, pp. 44.
Ascents, 1900–1905.

Kalidasa. Meghaduta; or, The Cloud Messenger. London, Scott [1906]. 1/-
This poem (translated by H. H. Wilson in 1813) describes the wanderings of a cloud.

'Thence to the snow-clad hills thy course direct,
And Crouncha's celebrated pass select . . .
Winding thy way due north through the defile,
The form compressed, with borrowed grace shall smile:
The sable foot that Bali marked with dread,
A god triumphant o'er creation spread.
Ascended thence a transient period rest,
Renowned Kailasa's venerated guest;
That mount . . . . . .
Whose lofty peaks to distant realms in sight,
Present a Siva's smile, a lotus white.
And lo! those peaks than ivory more clear,
Where yet unstained the parted tusks appear,
Beam with new lustre, as around their head,
Thy glossy glooms metallic lustre spread;
As shows a Halabhrita's sable nest,
More fair the pallid beauty of his breast.'

Kester, Friedl. Der Falkenstein bei Füssen-Pfronten und seine Umgebung.
8vo, pp. iv, 84; ill. München, Selbstverlag, 1904

Kocbec, Fr., Savinske planine; *see* Slovenischer Alpenverein.

Landon, Perceval. Lhasa. An account of the country and people of central Tibet and of the progress of the mission sent there by the English Government in the year 1903–4. London, Hurst and Blackett, 1905
2 vols. 8vo; maps, ill.

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Le Blond, Mrs. Aubrey. True tales of mountain adventure for non-climbers, young and old. Third impression. London, Unwin, 1906. 5/-
8vo, pp. xx, 299; ill.
First edition 1902, reprinted 1903.

Levier, Dr. Emile. A travers le Caucase. Notes et impressions d'un botaniste. 2me édition. Paris, Fischbacher [1905]
Imp. 8vo, pp. 346; plates.

Longstaff, T. G. Mountain sickness and its probable cause.
8vo, pp. 56. London, Spottiswoode, 1906. 1/-

Marinelli, G. Guida della Carnia. Seconda edizione.
8vo, pp. viii, 502; maps, ill. Tolmezzo, Ciani, 1906

Martel, E. A., Caves; *see* Report 8th Geogr. Congr.

De Martonne, E., Karpates; *see* Report 8th Geogr. Congr.

Norway. Wie reist man in Schweden und Norwegen? Agricolas Wanderbücher, 3 u. 4. Chemnitz u. Leipzig, Wm. Gronau, 1906–1907. M. 1.60
8vo, pp. vii, 132; maps.

Otani, K., Kuen-Lun; *see* Report 8th Geogr. Congr.

Penck, A., Valleys of Alps; *see* Report 8th Geogr. Congr.

Pfordte, O. F., Glaciers; *see* Report 8th Geogr. Congr.

Phagoa [ps. *i.e.* Emm. Barrère]. En Pays Basque. Souvenir du Congrès du C.A.F. 1906. Bayonne, Lamaignère, 1906
8vo, pp. 29.
An interesting little guidebook to the neighbourhood of Bayonne.

Pontresina. Health Resort. Samaden, Engadin Press [1906]
8vo, pp. 23; map, ill.
This contains tariff of guides.
Presented by H. Cockburn, Esq.

Radio-Radiis, A. v., Der Dachstein, *see* Alpine Gipfelführer, 5.

Reeves, E. A.; *see* Hints to Travellers, 1906.

Reichenwallner, L. Alpenzauber. Berglegende und Volkschauspiel in vier Aufzügen. Wien, Ersten Wiener Vereins-Buchdruckerei [1906]
8vo, pp. 118.

Reid, H. F., Reservoir lag; *see* Report 8th Geogr. Congr.

Report of the Eighth International Geographic Congress held in the United States 1904. Washington, Government Printing Office, 1905. 10/.
8vo, pp. 1064; ill.
This contains;—
pp. 138–145; E. de Martonne, Evolution d. Karpates méridionales.
165–172, plates; E. A. Martel, Scientific exploration of Caves.
173–184; A. Penck, Valleys and lakes of the Alps.
185–191; W. N. Rice, Classification of mountains.
191–192; G. K. Gilbert, Sculpture of massive rocks.
204–230, map; A. H. Brooks, Geography of Alaska.
231–238, map; K. Sapper, Grundzüge d. Gebirgsbau v. Mittelamerika.
478–479; F. E. Matthes, Lewis Range and glaciers.
487–491; H. F. Reid, Reservoir lag in glacier variations.
492; —— Glaciers of Mounts Hood and Adams.
493–496; L. W. Chaney, Glacial exploration in Montana Rockies.
497–500; O. F. Pfordte, Glaciers of Poto, Peru.
724–731, plate; F. B. Workman, Hoh Lumba and Sosbon glaciers.
732–736, plate; W. Workman, Chogo Lungma glacier.
741–751; K. Otani, Where are the Kuen Lun mountains?
757; H. C. Parker, First ascents in Canadian Alps.
758–762; F. A. Cook, Around Mt. McKinley.
763–764; A. H. Brooks, Exploration of Alaska.

Rice, W. N., Classification of mountains; *see* Report 8th Geogr. Congr.

Richardson, E. C., Ski-Running; *see* Hoek, H.

Roschnik, R., Der Triglav; *see* Alpine Gipfelführer, 8.

Santi, F., A. Chiavero e A. Ferrari. Itinerari effetuabili da Torino in uno o due giorni. C.A.I. Torino. Torino, Cassone, 1906
8vo, pp. 115.

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Schider, Dr. E. Gastein für Kurgäste und Touristen. 12te Aufl. ergänzt v. Dr. O. Gerke. Salzburg, Mayer, 1906
Sm. 8vo, pp. 98; frontispiece.

Schnyder, Dr. L. Alcool et Alpinisme. Résultats d'une Enquête faite parmi les Alpinistes. Genève, Kündig, 1907
8vo, pp. 43; reprinted from Arch. de Psychologie, vol. 6.
From replies to various questions sent to medical men and climbers, Dr. Schnyder comes to the conclusion that before or during prolonged exertion alcohol should not be taken, but it is permissible to take it for a special short effort, if needed, or when the expedition is nearing an end.

Sehrig, Othmar. Skiführer durch Tirol.
8vo, pp. 55. Innsbruck, Edlinger, 1906. M. 1.30

de Souvolle, Henry. Visions d'Engadine.
8vo, pp. 186; plates. Paris, Victor-Havard, 1906. Fr. 2

Steinitzer, Alfred. Geschichtliche und kulturgeschichtliche Wanderungen durch Tirol und Vorarlberg. Innsbruck, Wagner, 1905. M. 5
8vo, pp. xvi, 530; ill.
This interesting book would form an excellent companion volume to the traveller's Baedeker or Murray. It supplies much information on history, antiquities, and art, as well as descriptions of places and scenery. It is clearly written by a competent hand, and is well illustrated.

Switzerland. Dictionnaire géographique de la Suisse. Livraisons 141-152 (Tome IV, 1-12). Quader—Rossbodengletscher.
Imp. 8vo; maps, ill. Neuchâtel, Attinger, 1907
This section of this valuable gazetteer contains, among many other articles;—
Rhætikon, 9 pp. 15 illustrations; Rhône glacier, 5 pp., 8 illustrations; Mont-Rose, 3 pp., 4 illustrations; and illustrated short articles on Rigi, Rimpfischhorn, Ringelspitz, Piz Roseg, Rosenhorn, etc.

—— **Les Sports d'Hiver en Suisse. Annuaire de la Suisse hivernale, 1906-1907.** Neuchâtel, Attinger frères, 1907
8vo, pp. 280; ill.
Now that Switzerland is so much resorted to for all forms of winter sport, this handbook will prove useful to many. The first portion is descriptive of the various sports; and the second an alphabetical list of places in Switzerland where hotels will be found open in winter, with a few notes on the special attractions of each place, and the means of getting to it.

Unser letzter Kampf. Das Vermächtnis eines alten kaiserlichen Soldaten. Wien u. Leipzig, Stern, 1907
A story of future war in the eastern Alps.

Wheeler, A. O. The Selkirk Range, British Columbia. Ottawa, 1906
Vol. 2: maps and plates.
1. The Selkirk Range from 'Napoleon.'
2. Map of portion of N.-W. Territory.
3. Sketch showing ascents of Swiss Peak and Rogers Peak.
4. Sketch showing ascents of Mt. Sir Donald and Uto Peak.
5. W. S. Green's Map, 1888.
6. Selkirk Range, to illustrate climbing in 1890 from Glacier House.
7. Part of Selkirk and Rocky Mountains, 1892.
8. Sketch showing the Abbott Ridge.
9. The Selkirk Range from Mount Abbott.
10. Profile of Canadian Pacific Railway.
11. Four sheets of topographical map of part of Selkirk Range adjacent to the C.P.Ry., 1901-2. Scale, 1/60,000: contour lines, 100 ft.

Winter in Switzerland. Berne, Swiss Federal Railways, 1906
Obl. 8vo, pp. 63; ill.
An illustrated list of winter resorts with names of hotels open.

Workman, W. and F. B.; *see* Report 8th Geogr. Congr.

Wundt, M.; *see* Spemann's Alpen-Kalendar, *under* 'Items.'

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Older Books.

d'Arve, Stéphen [ps. *i.e.* E. de Catelin]. De Genève à Chamonix. Voyage de la famille Robineau. Genève, Vérésoff, 1876
8vo, pp. x, 145.

B[eaufort], L. Des montagnes de la terre. Notice servant de commentaire à un tableau comparatif de la forme et de la hauteur des principales montagnes du globe; avec un appendice sur les cascades les plus remarquables.
8vo, pp. 140. Paris, Rey et Gravier, 1827

Bremer, Frederika. Two Years in Switzerland and Italy. Translated by Mary Howitt. London, Hurst and Blackett, 1861
2 vols. 8vo.
Life round Lausanne, Hasli Valley, Chamonix, Simplon, Zermatt.

Burat, Amédée. Une excursion dans les Alpes françaises. Liège (? 1863)
8vo, pp. 19; reprinted from Rev. universelle. Geological.

Buttel, Le Chanoine. Oraison funèbre de Mgr. Louis Rendu, évêque d'Annecy.
8vo, pp. 46. Annécy, Burdet, 1859

Cockburn, Major James. Views to illustrate the route of Mont Cenis. Drawn from nature, by Major Cockburn; and on stone, by C. Hullmandel. London, Rodwell and Martin, 1822
Folio, 50 plates. In 10 parts as published.

—— Views to illustrate the route of the Simplon. Drawn from nature, by Major Cockburn; and on stone, by J. Harding. London, Rodwell and Martin, 1822
Folio, 50 plates. In 10 parts as published.

Grange, Jules. Recherches sur les glaciers, les glaces flottantes, les dépôts erratiques, sur l'influence du climat, sur la distribution géographique et la limite inférieure des glaciers. . . . Paris, Masson, 1846
8vo, pp. 142.

Kohl, J. G. Austria. London, Chapman and Hall, 1843
8vo, pp. 532.

Laissus, Dr. C. En Savoie. La Tarentaise. Guide du baigneur, du touriste et du naturaliste. Moutiers, Duclos, 1894
Sm. 8vo, pp. 526; ill.

Liégard, Stéphen. Une visite aux Monts Maudits (Ascension du Néthou).
8vo, pp. 92. Paris, Hachette, 1872

Linton, E. Lynn. The Lake country . . . illustrations. . . . by W. J. Linton.
Sq. 8vo, pp. x, 351; maps, ill. London, Smith, Elder, 1864

Rendu, L., Oraison funèbre; *see* Buttel, Le Chanoine.

Sherwill, Captain Walter S. Notes upon a tour in the Sikkim Himalayah Mountains, undertaken for the purpose of ascertaining the geological formation of Kunchinjinga and the perpetually snow-covered peaks in its vicinity. [? Calcutta, privately printed, 1852 ?]
8vo, pp. 59; plate.
This was also printed, with maps, in vol. 22, 1854, nos. 6 and 7, of the Journ. of the Asiatic Soc., Bengal.
Presented by G. W. H. Ellis, Esq.

—— Notes upon some atmospherical phenomena observed at Darjiling in the Himalayah Mountains, during the summer of 1852.
8vo, pp. 9; plate.

Trollope, Mrs. [Frances]. Travels and Travellers. Including Rambles in Bavaria, Switzerland, and Sardinia. London, Knight [? 1860]
First published in 2 vols. in 1846.
Among other papers this contains;—
A midnight passage of the Mont du Chat.
Rousseau's favourite residence.
Aix-les-Bains.
One more Savoy ramble.

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Wiesener, Louis. L'hôtel de la Jungfrau. Souvenirs de Suisse. Meulan, Masson, 1889
8vo, pp. 11 : reprinted from. Ann. Soc. philotechn. 1888.

Wood, C. W. Norwegian By-ways. London and New York, Macmillan, 1903
8vo, pp. 384 ; plates.

Club Publications.

Akademischer Alpen-Verein, Berlin. III. Jahresbericht. 1906
8vo, pp. 20.
This Club consists of 28 members. Among climbs made by members in the past year were ;—
Mutthorn, first ascent by the S.-E. ridge.
Castor, new route over the west side.
Kanzelkopf, first ascent by north face, descent by east side.
Gr. Greiner ; first traverse of the ridge from Gr. Greiner to the Schönbichler Horn.

Associazione 'Pro Cadore.' 'Cadore.' Rivista illustrata della regione delle Alpi dolmitiche. Anno 1, no. 1-4.
4to, ill. Padova, Settembre–Decembre, 1906
This is a charming little magazine. It will be reviewed on the completion of the first volume.

Austrian Alpine Club. Oester. Alpenzeitung. 1906
4to, pp. 310 ; ill.
Among the articles are ;—
K. Blodig, Eine Woche im Berner Oberlande.
G. Halser, Erste Ueberschreitung d. Kl. Gelmerhorns.
E. Lecher, Route VI a. d. Montblanc.
M. Pfannl, Die Erste Begehung d. Matteriol-Südwestgrates.
H. Hoek, Vom Adlerpasse z. Alphubeljoch.

Austrian Tourist Club. Oester. Touristen-Zeitung. XXVI. Band.
4to, pp. 302 ; ill. Wien, 1906
Among the articles are ;—
H. Nägele, Die Drei Schwestern.
W. Fleischmann, Tannheimer Bergen.
P. Trömel, Nosemitetal.
W. Thiel, Pisciaduseeturm.
W. Fleischmann, Die Dreitorspitz-Gruppe.
A. v. Fetzer, Lofer u. seine Berge.
J. Soyka, Die Westwand d. Spitzkofels.
O. Barth, Cortina d'Ampezzo im Winter.

C.A.F. Annuaire. Table générale des quinze dernières années . . . par J. Lemercier. 1906
8vo, pp. 212.

—— **La Montagne,** revue mensuelle. 2ᵉ année. 1906
8vo, pp. xxvii, 596 ; ill.
Among the articles are ;—
E. Canzio, L'Aig. Verte du glacier du Mont Blanc.
S. Chabert, Les pentes Sud Est du massif de Chamrousse.
E. Diehl, La montagne aux Salons de 1906.
L. J. Edmond-Durand, Le Col de la Faucille.
E. Gaillard, L'Aig. de Lépéna.
P. Lory, L'Oucane, la Pusterle, le Roc de Chabrières.
H. Mettrier, L'histoire du Mont Iseran.
A. L. Meurice, Au long du Valgaudemar.
H. Spont, Le Pic Féchan.
R. du Verger, L'Aig. du Fruit.

—— **Alpes Maritimes.** Bulletin, 25ᵐᵉ et 26ᵐᵉ années, 1904–5.
8vo, pp. 438 ; plates. Nice, 1906
The articles are ;—
V. de Cessole, Le Cirque de Rabuons.
Has list of maps and books.

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L. Purtscheller, Dans les Alpes Maritimes.
Trans. from Zeitschrift d. D. u. Œ. A.-V. 1893.
F. Cavillier, La Cime Burnat.
R. Thierry, Berthemont et le Cirque de Ferisson.
A. Saint-Yves, La saxifrage à floraison abondante.
J. Dinner, Le reboisement dans les Alpes Maritimes.
P. Casimir, Le Trophée d. Alpes du Col de la Turbie.
M. Giacobini, La montagne, ses phénomènes, et ses glaciers.
L. Girod-Genet, La pisciculture dans les Alpes-Maritimes.
A. Guébhard, Les enceintes préhistoriques des Préalpes Maritimes.

C.A.F. Section Lyonnaise. Revue Alpine, vol. 12. 1906
8vo, pp. x, 376; plates.
Amongst the articles are;—
P. Helbronner, Un mois dans les massifs de Belledonne, des Grandes Rousses, etc.
H. Ferrand, Les cartes du Mont Blanc.
—— Au pied du Viso.
W. A. B. Coolidge, Autour de Panestrel.
P. Mougin, La débâcle de Champagny en 1818.
G. Gignoux, Au Glacier Blanc en avril.
G. Le Tagnard, Les Pyrénées et leurs vallées aragonaises.

C.A.I. Torino; *see* Santi, F.

Catalan Club. Butlletí del Centre Excursionista de Catalunya, Any xvi, nos. 132–140. Barcelona, 1906
8vo, pp. 288; ill.
Among articles of antiquarian interest occur the following on mountaineering;—
J. Soler y Santalo, Excursions per l'Alt Ribagorçana.
E. Vidal y Riba, A travers del Canigó.
A. Gaza, Circonvalant el Canigó.

D.u.Oe.A.-V. Bücherverzeichnis d. Zentralbibliothek. Verfasst v. Dr. A. Dreyer.
8vo, pp. 316. München, 1906
The items are arranged under districts and subjects, with a reference index of authors at the end.

—— **Zeitschrift, 37.** Innsbruck, 1906
Roy. 8vo, pp. 396; plates.
The articles are;—
G. Steinmann, Geologische Probleme des Alpengebirges.
H. v. Staff, Wind und Schnee.
On snow and sand forms taken under the influence of wind.
E. W. Bredt, Wie die Künstler die Alpen dargestellt.
With this compare the note and illustration in the Alpine Journal, Nov. 1906, p. 336. This article contains illustrations of 37 pictures. In the reproduction of Witz picture the alps in the background do not appear. This interesting article is to be continued in the next volume.
L. v. Hörmann, Der tirol-vorarlberg. Weinbau.
G. Merzbacher, Der Tian-Schan.
On his journey of 1902–3; very finely illustrated.
F. Reichert, Aus d. Hochgebirge d. Wüste v. Atacama.
H. Hoek, Bergfahrten in Bolivia.
H. Bertram, Hochtouren in d. Zentralpyrenäen.
G. Becker, Champex u. Umgebung.
H. Pfann, Zwei führerlose Fahrten in d. Montblancgruppe.
E. Enzensperger, Zur tourist. Erschliessung d. Allgäus.
R. Schlucht, Das Pitztal.
E. Niepmann, Die Ortlergruppe.
H. Barth, Die Brentagruppe.
A. Gstirner, Die Julischen Alpen.
K. Doménigg, Die Karnischen Voralpen.

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D.u.Oe.A.-V. Mitteilungen, N.F. Band 22. 1906
4to, pp. 298 ; ill.
Among the principal articles are ;—
F. Schneider, Erste Ersteig. d. Nordkante d. Crozzon di Brenta aus d. Val Brenta alta.
Wer ist d. erste Ersteiger d. Königsspitze ?
M. Hofmüller, Neue Touren im Nordzuge d. Palagruppe.
F. Eckardt, Schülerreisen.
G. Becker, Die Hochalpenunfälle, 1905.
J. Ittlinger, Die Aig. Verte.
L. V. Jäckle, Die erste Ueberschreitung d. Grats v. nördlichen Faulkogel z. Südlichen.
F. Hörtnagel, Die neuen Touren 1905 in d. Ostalpen.
Eine Ersteigung d. Aconcagua.
On Jan. 31, by R. Hebling.

—— **Ansbach.** Bericht 1901–1903. 1904
8vo, pp. 20.

—— —— Satzungen. 8vo, pp. 7. 1903

—— **Frankfurt a.M.** Bericht. 8vo, pp. 38. 1906
This section has nearly 800 members. During 1906 it had completed the Verpeilhütte.

—— **Landshut.** Jahres-Bericht. 1906
8vo, pp. 5.

—— **Tölz.** Rechenschafts-Bericht nach 25jähriger Tätigkeit 1881–1906.
4to, pp. 36 ; ill. München, Wolf, 1906

Fiume. Club alpino fiumano. Liburnia, rivista mensile, anno V. 1906
8vo, pp. 148 ; ill.
This contains among other articles ;—
R. Paulovatz, Escursioni invernali.
Prof. Wanka, Risnjak.
E. Marcuzzi, Obruc.
R. Fürst, Sneznik.
G. Depoli, Pakieno.
G. Sablich, Sul Risnjak.
G. Depoli, L'evoluzione delle strade nella regione liburnica.

Royal Geographical Society, London. The Geographical Journal, vol. 28. July to December, 1906
The articles of alpine interest are ;—
July, pp. 43–50, T. T. Behrens, The snow-peaks of Ruwenzori.
Aug., pp. 105–130, E. Nordenskiöld, Travels on the boundaries of Bolivia and Peru.
Sep., pp. 245–266 ; C. R. Enock, Two expeditions in Southern Peru.
Nov., pp. 481–487 ; D. W. Freshfield, Ruwenzori and the frontier of Uganda.
Dec., pp. 537–560 ; J. L. Myres, The alpine races of Europe.

Rucksack Club, Manchester. First report. 8vo, pp. 20. 1903.
Mr. J. T. Ewen, the editor of the Rucksack Club Journal, has after prolonged inquiry succeeded in securing for the Alpine Club a copy of this rare report. The thanks of the Club are due to Mr. Ewen for the trouble he has most kindly taken.

Russian Alpine Club. Year Book V. Moscow, 1906
Roy. 8vo, pp. vi, 159 ; plates.
The articles are ;—
N. Poggenpohl, Glaciers of Digoria.
Dr. Stchourofski, Cols of the Eastern Caucasus.
N. Korjenefski, Cols of the Alai Chain.
B. Fedchenkos, Journey on the Pamirs.
W. Rasevigue, On Shah-Dagh.
A. de Meck, Glacier Commission of the Imperial Russian Geogr. Society.
W. Sapojnikof's Journey in the Altaï.

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S.A.C. L'Echo des Alpes, No. 1. Genève, 1865
8vo, pp. 15.
This contains the Rules and Report, and, with three pamphlets published by F. Thiolly, forms the first volume of the 'Echo d. Alpes.' By the addition of this part, which has been secured and kindly presented to the Club by Mr. H. Montagnier, the Club set is now complete.

—— **Alpina.** Bulletin officiel. XIV. Jahrgang. 1906
4to, pp. 188.
Among the articles are;—
C. Täuber, Auf d. Gr. Windgelle.
F. Zscholle, Grenzfahrten.
A. Baumann, Breithorn u. Neues Weisstor.
W. Baumann, Piz Bernina.
J. Guex, Au Mont Blanc.
E. Fankhauser, Tourist u. Führer.

—— **Echo des Alpes.** 42me année. 1906
8vo, pp. 432; ill.
Among the articles are;—
F. Burky, Traversée de la Dent Blanche.
E. Busset, L'Histoire de l'Oldenhorn.
G. Hantz, A la Pointe de Tricot.
H. E. Gans, Taesch.
B. et G. Gallet, Du Simplon à la Disgrazia.
L. Seylaz, Huit jours dans le massif de Saleinaz.
T. Aubert, Ascension au Mont-Blanc.
G. Rossier, D'Arolla au Grand Paradis.

Slovensko planinsko drustvo; Slovenischer Alpenverein; Laibach, 1893.
Seznamek markiranih potov v podrocju 'Slovenskega planinskega drustva.'
Sm. 8vo, pp. 96. n.d.
List of marked paths and tariff for guides.

—— Po desetih letih 1893-1903. V. Foerster. 1903
8vo, pp. 25; portraits.
'Festschrift' for first ten years.

—— Vova zeleznica skoroskega skozi karavanke, bohingske gore in Crez Cras v Trst. n.d.
8vo, pp. 30; map, plates.
A descriptive account of the district on the opening of the Tauern Railway.

—— Savinske planine. Vodnik po gorah in dolinah v Savinskih paninah. Sestavil Fr. Kocbek. 1904
Sm. 8vo, pp. 122; map.
A guide-book to the Sanntaler Alps.

—— Planinski Vestnik, xii, 4. April, 1906
A copy of the Club's monthly publication.

Soc. alp. d. Giulie. Alpe Giulie, rassegna bimestrale. Anno xi.
8vo, pp. 232; ill. Trieste, 1906
The principal articles are;—
G. Kugy, Il Mont Dolent.
N. Cozzi, Impressioni di una traversata, Monte Durano.
—— Nuova via alla Cima d. Cianevate.
V. Segre, Da Innichen a Cortina d' Ampezzo.

Société des Alpinistes Dauphinois, Grenoble. Revue des Alpes dauphinoises. Journal mensuel. 8me année. Juillet, 1905-juin, 1906
8vo, pp. viii, 192; ill.
Among the articles are the following;—
H. Duhamel, Entre le Valgaudemar et le Vénéon.
V. Zotier, Le Goléon.
C. A. Barnicoat, Une Néo-Zélandaise en Dauphiné.
P. F. Chabert, La Tête de l'Etret.

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W. A. B. Coolidge, Le Sirac dans l'histoire alpine.
R. Tissot, L'Aiguille Doran.

Unione escursionisti Torino. Calendario programma per l' anno 1907.
Obl. 4to; ill.
Each year this society publishes a pretty illustrated wall-calendar containing the mountaineering engagements for the year.

Pamphlets and Magazine Articles.

Benson, E. C. Scrambles in Yorkshire. In Fry's Magazine, Newnes, London, vol. 6, no. 23. November, 1906.
8vo, pp. 147–151; ill.
A well-illustrated article on climbs on Almes Cliff.

Boegan, E. Elenco e carta topografica delle Grotte del Carso. Soc. Alp. d. Giulie. Trieste, Caprin, 1907
8vo, pp. 20; map.

Bohr, O. Hochgebirgs-Photographie. Ratgeber für Ausrüstung und Arbeitsweise. Unter Mitwirkung von Dr. Kuhfahl, Dresden, Karl Wipplinger, Graz. Dresden, Bohr [1906]
8vo, pp. 64; ill.
A maker's catalogue, with directions.

Bourgogne, Jean. Dans les Pyrénées occidentales. Le Pic du Midi d'Ossau et le refuge d'Arrémoulet. In Le Monde illustré, Paris, no. 2581.
Folio, pp. 170–171; ill. 15 septembre, 1906

Brodrick, T. N.; *see* New Zealand.

C[asparis], T. Avers, Graubünden.
8vo, pp. 32; ill. Zürich, Lobhauer [1901]
A nicely illustrated little descriptive pamphlet.

Chamberlin, T. C. A contribution to the theory of glacial motion.
University of Chicago, 1904
4to, pp. 16; plates. Reprinted from Decennial Publications, vol. 9.
'A glacier is a colossal aggregation of crystals grown from snowflakes to granules of much greater size. . . . Movement of the glacier takes place by the minute individual movements of the grains upon one another. . . . The movement is supposed to be permitted chiefly by the temporary passage of minute portions of the granules into the fluid form at the points of greatest compression, the transfer of the moisture to adjoining points, and its resolidification. . . . Instead of assigning a slow viscous fluidity, like that of asphalt, to the *whole* mass, which seems inconsistent with its crystalline character, it assigns a free fluidity to a succession of particles that form only a minute fraction of the whole at any instant.'

Churchill, G. C., Obituary notice of. In Roy. Botanic Gardens, Kew Bulletin, vol. 9. 1906
8vo, pp. 384–392.

Cilvanet, C. Une ascension militaire au Mont-Blanc. In Rev. franç. de l'Etranger, no. 333. Septembre, 1906
8vo, pp. 510–518.
In August last a column of Chasseurs Alpins, 63 strong, under Cap. Crignon, with one guide, ascended to within 400 m. of the summit.

Crammer, Hans. Die Gletscher. 1906
8vo, pp. 385–413; plates. Reprinted from 'Die Natur.'
Very good photographs of glaciers.

Cuenot, Henri. Le Mont Blanc. In Le tour de France, nos. 21 and 23.
Folio, pp. 34–38; 71–75; ill. Août, septembre, 1905
Kindly presented by the author. The articles are finely illustrated.

—— Le Grand St. Bernard et le Simplon. In Le tour de France, no. 32.
Folio, pp. 266–277; plates. Juillet, 1906
This beautifully illustrated article has been most kindly presented by the author.

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Damenez, Monsieur. L'alpinisme. In Revue pédagogique, Paris, N.S. tome 49, no. 8. 15 Août, 1906
8vo, pp. 174–182.

David, J. J. Il Runssoro secondo le esplorazioni del dott. J. J. David. In Le Globe, Soc. de Géogr. Genève, vol. 45, no. 2.
8vo, pp. 138–142. Février-Mai, 1906
Résumé of an article in the Boll. Soc. geogr. ital., vol. 7, no. 4. Dr. David travelled in April, 1904. He arrived at Karewia, and on the 19th camped at Itère. Thence he ascended to 5,050 m. on the glacier.

Dawe, M. T. Mount Ruwenzori. In Uganda Notes, Mengo, Uganda, vol. 6, no. 9. September, 1905
8vo, pp. 134–135.
Botanical notes during exploration in July, 1905.

Demanches, G. Le Cañon du Verdon. In Rev. franç. de l'Etranger, no. 333.
8vo, pp. 503; ill. Septembre, 1906
Concerned with speleology.

Dübi, Dr. Hch. Zwei Beschwörungen des Grindelwaldgletschers im XVIII. Jahrhundert. In Sonntagsblatt des Bund, Bern, Nr. 12–13.
4to, pp. 92–94; 100–102. 25. März, 1. April, 1906
These articles contain several interesting details taken from the Grindelwald chronicles and elsewhere, including a letter written by Herr Mann (whom Dr. Dübi identifies with Sir Horace Mann) in 1723, on the glaciers. This was first printed in the works of Abauzit, to whom the letter was addressed, in 1783.

L. Duparc. L'âge du granit alpin. In Bibl. Univ. Arch. d. Sc. Genève, 4me pér., tome 21, no. 3. 15 mars, 1906
8vo, pp. 297–312.

Ferrari, Dr. Agostino. Il Rocciamelone. In Il Secolo XX, Treves, Milano, vol. 5, no. 8. Agosto, 1906
8vo, pp. 637–643; ill.
A well-illustrated article.

—— *see* Santi, F.

Garwood, E. J. The tarns of the Canton Ticino. In Quart. J. Geol. Soc. vol. lxii. May, 1906
8vo, pp. 165–193; plates.
The results of investigations during several summers; with a view to consideration of the question of method of formation of lake basins.

Glaciers, Commission internationale des glaciers. Les variations périodiques des glaciers. 11me rapport 1905 rédigé par Dr. H. F. Reid et Muret. Berlin, Borntraeger, 1906
8vo, pp. 21; reprinted from Annales de Glaciologie, vol. i. Sep. 1906.
It is of interest to note that the study of glaciers has received a new stimulus in France, on the commercial side, from the fact that their diminution interferes with the water supply for agriculture and for manufactories. As a consequence the Minister of Agriculture has assisted in the scientific study of glaciers.

—— *see* Reid, H. F.

Grande, Julian. Irishmen in the Alps. Mountaineering with an Irish terrier In Ireland, Dublin, vol. 6, no. 6. September–October, 1906
4to, pp. 264–268; ill.

Huntington, E. The Vale of Kashmir. In Bull. Amer. Geogr. Soc. New York. Vol. 38, no. 11. November, 1906
8vo, pp. 657–682.

Jacot Guillarmod, Dr. J. Au Kangchinjunga. In Le Globe, Soc. de géogr. Genève, vol. 45, no. 2. Février–Mai, 1906
8vo, pp. 87–90.
Résumé of a paper read on February 23rd.

Jullian, Camille. Hannibal en Gaule. In Rev. Universitaire, Colin, Paris, 15e année, no. 8 et 9. 15 Octobre et 15 Novembre, 1906
8vo, pp. 202–213; 309–321.

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Kennedy, Sir A. B. W. Address to the Institution of Civil Engineers, 8vo, pp. 13–15; Mountain Railways. Westminster, 1906

L., R. Les glaciers de la Vanoise. In Rev. mens. du Touring-Club de France, 16e année. Octobre, 1906.
4to, pp. 467–468.
See note under Musset.

Latour, A. La triangulation géodésique des hautes régions des Alpes. In La Nature, no. 1705. 27 janvier, 1906
4to, p. 138.

Mann, Sir Horace. Letter, 1723, on the Grindelwald glaciers. First printed in Abauzit's Works, 1783; reprinted in H. Dübi, Zwei Beschwörungen, q.v.

Martel, E. A. L'avalanche de l'Altels. In La Nature, année 23, no. 170.
4to, pp. 353–356; ill. 2 novembre, 1905

—— Ruptures de poches d'eau des glaciers. In La Nature, année 23, no. 1138. 23 mars, 1895
4to, pp. 258–260; ill.

Martin, David. Aperçu sur les travaux relatifs à la mise en observation des glaciers dauphinois. Gap, Jean et Peyrot, 1906
8vo, pp. 15; reprinted from Bull. Soc. d'Etudes, Gap, 2e trimestre 1906, no. 18.

Mercanton, P. L. La IIIe conférence glaciaire internationale. In Bibl. Univ. Arch. d. Sc. Genève, 4me pér., tome 21, no. 3. 15 Mars, 1906
8vo, pp. 313–325.
The first conference was held at Gletsch in 1899, the second at Vent in 1901, and the third at Maloja in 1905. About 20 scientists are invited to these meetings, which are held in districts suitable for practical study.

Mougin, L. Rapports. Mensurations pluviométriques et nivométriques. Ministère de l'Agriculture, Eaux et Forêts, Départ. de la Savoie.
Fol. pp. 15, 13, 12. Chambéry, 1904, 1905, 1906

—— Etat des avalanches et de leur dégats pendant l'hiver 1904–1905.
pp. 3. 30 juillet, 1905

—— —— 1905–6. pp. 4. 12 juillet, 1906

—— Etat des chutes de neige survenues pendant l'hiver du 1 octobre, 1904–31 mai 1905. 12 juillet, 1905
pp. 3.

—— —— 1905–6. pp. 4. 11 juillet, 1906
The above are lithographed folio reports issued by the Ministère de l'Agriculture, Eaux et Forêts, Départ. de la Savoie, Chambéry.

Mougin, P., Le glacier de la Tête-Rousse. In La Nature, année 32, no. 1653.
4to, pp. 231–234; ill. 10 septembre, 1904

Musset. Sept jours dans le massif du Pelvoux. In Rev. mens. du Touring-Club de France, 16e année. Octobre, 1906
4to, pp. 462–465; ill.
This has been kindly presented by the Secretary. The 'Revue' is only for members, and is not sold to the public.

Newton, Rev. H. E. A new pass and the third ascent of Mount Cook. In Christmas Number of Christchurch Weekly Press. 1906
Folio, pp. 45–50; illustrated.

New Zealand. Report on the Department of Lands for the year 1905–6.
Folio. Wellington, 1906
C. 1a, pp. 16–17, 2 maps. Report on Mount Cook Glaciers by T. N. Brodrick.

Ogilvie, J. H. The effect of superglacial débris on the advance and retreat of some Canadian glaciers. Reprinted from the Journal of Geology, Chicago, vol. 12, no. 8. November–December, 1904
4to, 722–740; ill.

Quincke, G. The formation of ice and the grained structure of glaciers. In the Proc. Royal Soc., London, vol. A76. 1905
4to, pp. 431–439.

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Reid, H. F. The variations of glaciers, xi. 1906
8vo, pp. 402-410; reprinted from Journ. of Geol. Chicago, vol. 14, no. 5, July-August, 1906.
Synopsis of report for 1904;—
Switzerland and Eastern Alps: increased tendency to decrease.
Italian Alps: indications of coming increase on Italian side of Mont Blanc.
French Alps and Pyrenees: some smaller glaciers disappeared.
Norway: retreat and advance which does not appear to correspond with the difference of snowfall in different parts.
Caucasus: apparent preparation for advance.

—— *see* Glaciers.

Ronchetti, Dr. V. Al Monte Rosa da Macugnaga. Rovereto, Grandi, 1906
8vo, pp. 14; ill.
Presented along with reprints from the Riv. Mensile by the Author.

Tank Roar. Winter in Norway, the land of the midnight sun. Kristiania, Cammermeyer, 1906
Folio, 27; ill. Published by the Norwegian Tourist Traffic Association.

Tarr, R. S. Second expedition to Yakutat Bay, Alaska. In Bull. Geogr. Soc. Philadelphia, vol. 5, No. 1. January, 1907
8vo, pp. 1-14; plates.

Turner, S. Traverse of Mount Cook. In the Auckland Star. January 24, 1906
This traverse was described by M. Ross in the 'Times' of April 17, 1906

—— First and only attempt on Mt. Elie de Beaumont. In the Auckland Star. February 7, 1906

Der Winter. Illustriertes Wochenblatt für den Wintersport. Vol. 1, Nr 1. 19. November, 1906
This is the first number of a weekly newspaper on ski-ing, etc., published by the proprietors of the Deutsche Alpenzeitung. It ought to be useful, as it is certain to be well edited. It is issued during winter by G. Lammer, Munich, price, post free, 4/6.

Winter in Norway; *see* Tank, R.

Yeigh, F. Mountain climbing in the Canadian Alps. In the Sunday at Home, R.T.S. London. November, 1906
8vo, pp. 65-72; ill.

Items.

Gos, François. Three coloured lithographs of an Alpine chapel, hut, and wayside cross. Vevey, Säuberlin & Pfeiffer, 1907

Jeu du Simplon. Bern, Punta-Haus A.G., 1907
This is a game played on a large folding map of the Alps by 6 persons or fewer. Each person moves his piece as many stations along the line, Lausanne-Milan, as the dice-number indicates. A wait at the tunnel entrances, until a 6 turns up, prevents uninterrupted enjoyment of the journey. The map is illustrated by small views of the places on the line.

Schwingerfest im Oberland. Charles Giron pinx. Photogravure Bruckmann. München, Photogr. Union, 1906. M. 30
This plate, 27 ins. by 17 ins.—represents a wrestling-match held on a Swiss upland. The men and women of the district, including the clergyman and an Alpine guide, sit in a semicircle round the two wrestlers, one of whom is just throwing the other. In the background rises a range of snow-covered high peaks.

Spemann's Alpen-Kalendar. Berlin u. Stuttgart, Spemann, 1907. M. 2
8vo, ill.
Three days on a page with an Alpine view on each page. Arranged by Frau M. Wundt.

Tourist. Calendar. E. Lauterburg, Bern, 1907
A scenic illustration for each day, a large proportion being Alpine.

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