

INDEX.

AAR

- A** ARDAL, 152
 Abney's, Capt., book reviewed, 424-7
 Abruzzi, 204
 Acharas, death of M., 398
 Aconcagua attempted twice, 561-3
 Aisa glacier, 559
 Aisai Cloch, 216, 373-5
 Adamel o group, 193
 Adam's Peak, 43
 Address to the Alpine Club, 213-20
 Adine col, 231
 Adish, robbery at, 360-1, 363, 371
 Adlerhorn ascended, 173
 Adler Pass, 334; Rymföschhorn, from the, 158, 160; variation of the, 185-6
 Aiyi Su gorge, 356, 501
 Aiyu Su pass crossed, 356-7, 501-6
 Aiyu Su Tau, 503
 Aea glacier, 559
 Aëna, 45, 544
 Agassiz glacier, 91
 Aiguille Blanche de Peuteret ascended, 216
 Aiguille de Bionnassay ascended, 197
 Aiguille de Grépon, 197
 Aiguille de la Za ascended, 454
 Aiguille des Charmoz, 197; accident near, 182; N. peak ascended, 408-9
 Aiguille d'Olan ascended, 63
 Aiguille du Dru, a lady up, 216; both peaks ascended, 409; W. peak, 196, 459
 Aiguille du Fruit ascended, 207, 491-2
 Aiguille du Géant, 187, 202, 490-1
 Aiguille du Golcon ascended, 192
 Aiguille du Tour ascended from the glacier des Grands, 427
 Aiguille Pers ascended, 119
 Aiguille Rouse ascended, 407
 Aiguille Verte de Valsorey ascended, 487
 Aigüilles d'Arves, 191-3; S. peak, 191-2, 196
 Aigüilles de Chamonix, geology of, 491
 Aigüilles Rouges d'Arolla ascended, 411, 572
 Ait Inguen-range, 40
 Ait Tau, 47
 Alaska, book on, 427-9; climbing in, 89-93, 177-8

ALC

- Alcoholic stimulants in mountaineering, 319-327, 351-2
 Algeria, 40-1, 183, 492
 Alice, 213
 Allalinhorn ascended by E. ridge, 415
 Allmendts, 349
 Alm plateau, 15
 Almer, Christian, 425-6
 Almerhorn, 378
 Alpeinerferner, 564
 Alpine accidents; early, 182; in 1800, 130, 179-82; in 1886, 53-5, 95-116, 166-71; in 1887, 390-400, 419-22, 432, 467-71; remedies in case of, 104-5, 565
 Alpine adventures, on the Grand Paradis, 567-8; on the Grivola, 568-9; on the Jungfrau, 55-6; on the Matterhorn, 550-3
 Alpine botany, 487, 494, 505
 Alpine climbing, rationale of, 565
 Alpine Club—affairs, 260, 571; Appliances Exhibition, 464-5; dinners—summer, 56, 352; winter, 128, 212, 418, 496; history, 482, 543; hon. member of, 351; legacy to the, 351; library, 56, 269, 351; Picture Exhibitions, 175-6, 291, 461-4; proceedings, 56, 211, 289, 351, 496, 571-3; productions of the, 427; relief fund, 546-8, 573; rules of the, 211-2, 289-90, 351-2
 Alpine Club, Austrian, (1) 482-3, (2) 420
 Alpine Club, French, meetings of the, 183, 482, 556-7; publications of, 195-200, 285, 491-2
 Alpine Club, German and Austrian, 265; history of the, 482-4; meetings of the, 183, 481-2; publications of the, 272-4, 564-9
 Alpine Club, Italian, history of the, 482; meetings of the, 183, 482; publications of the, 291-4, 489-90
 Alpine Club, Norwegian, 147
 Alpine Club, 'Oesterreich,' 420, 484
 Alpine Club, Swiss, meetings of the, 183, 481, 487; publications of the, 188-95, 484-7
 Alpine Club, 'Ticinese,' 481
 Alpine Clubs, foreign, statistics of, 194, 199, 482, 484, 487, 492, 499

ARV

- 'Alpine companies,' 200
 Alpine dangers, 51, 420
 Alpine equipment, 246, 251, 256-8, 263, 292, 337, 340, 390, 464-5, 477-8, 523-4
 Alpine geology, 198, 204, 211, 314-8, 340, 492
 Alpine Journal, hundredth number of, 497-8; index to the, 175, 263, 290
 Alpine legends, 432, 490, 565
 Alpine photographs, 176, 199, 285-6, 463-4, 487
 Alpine pictures, 175-6, 291-2, 338-40, 461-4
 Alpine population, 198-9
 'Alpine Portfolio,' the, 549-550
 Alpine roads, 432
 Alpine songs, 273-4, 341, 488
 Alpine strategy, 192-3, 486
 Alpine telegraph, 183, 490
 'Alps,' 349-50
 Alps, building of the, 314-8; divisions of the, 281-3; groups of the, 198, 492; maps of the, 270-1; origin of the, 198, 273; played out, 219, 433; villages of the highest, 198, 200; origin of the villages of the, 287-9
 Alpujarra, the, 80-9
 'Aisirat' glacier, 462
 Ampezzo dolomites, 19-21, 348, 569-570
 Ancient glacier passes of Dauphiné, 491, 538-42
 Anderegg, Melchior, 426, 572
 Andermatt in April, 332
 Andes, travels in the, 558-564
 Anselm of Bec, 491
 Anti-Lebanon, 198
 Aosta, guide book to, 490-1
 Apennines, 490, 557-8
 Applecross moors, 474
 Appliances Exhibition, 464-5
 April in the Alps, 331-3
 Apuan Alps, 490
 Arabic inscription at Mattmark, 488
 Ararat, 45
 Argæna, 45
 Arning fund, 481
 Arognò, 38-9
 Arolla district, 173-4, 409-12, 446-55, 487, 529-38, 572
 Arpille, accident on the, 398
 Arrian, 43
 Arréron, cave of the, accident in, 182

ASO

Asolo, 205
 Atanan, peak near, 299
 Atlas, Lesser, 40-1
 Atravieso de la Cruz de Piedra, 560
 Atravieso de la Laguna, 560
 Atravieso de la Lena, 559
 Aupillous, Pic des, accident on the, 396-7; ascended, 117
 Auronzo, 16
 Aussola, 35
 Austin, Mr. A., poem by, 488
 Australian Alps, book on the, 493-5
 Austrian Tourist Club, 490, 483
 Auvergne, 197, 492
 Avalanches, 280, 551-2; book on, 350; in N. Italy and Valais, 546-9; luminous, 302; picture of, 431
 Averole, 198, 200
 Avigliana, peat beds of, 204

BACCHU Ber dance, 183
 Bächflücke, 485
 Bacone group, 192
 Baidiker's guide books, reviewed, 130-1, 207-8
 Ballads in the Alps, 273-4
 Ball's guide, Mr., 290, 337
 Balmhorn, new route up the, 485
 Bär, death of Herr, 391-5
 Barnard's pictures, Mr., 339
 Barker, death of Miss, 432, 471
 Bassano, guide book to, 205
 Baumgartner, book by Herr, reviewed, 51-2
 Bears, 250, 432
 Becca Torcé, glacier of, 489
 Beichgrat, panorama from the, 489
 Belfort, meeting of C. A. F. at, 482
 Berchtesgaden, district, map of, 274, 564-5
 Bergwerkakopf ascended, 565
 Berlepsch, book by Herr, reviewed, 287
 Berndt, book by Herr, reviewed, 274
 Bernese Oberland, 121-3, 171, 188-191, 265-270, 309-313, 378-388, 418, 422-4; accidents in, 55, 391-5, 398-9; in April, 331-3
 Bernina district, 51, 127, 292, 301-9, 417
 Bernina Scharte, 50, 302
 Bessans, frescoes et, 207
 Betscho, 358, 510-11
 Betscho pass, 358, 501, 511
 Bezings, 251-2, 322-5, 366-9
 Bider, death of Herr, 391-5
 Bienne, meeting of the S. A. C. at, 481, 487
 Bies glacier, accident on the, 290
 Biesshorn ascended, 187, 215
 Bietschhorn crossed, 189
 Blinn, 126
 Black Coolins, the, 433-446, 495
 Blauespitze, 273
 Blaven Range, 433, 435
 Bletsacher, book by Herr, reviewed, 341

BOG

Bogong range, 494
 Bois, glacier du, movements of, 199, 492
 Bondasca glacier, accident on the, 432, 471
 Boner, death of P., 399
 Boqueta pass, 561, 563
 Borchhardt, death of Mr., 95-110, 167-171, 264-5, 421-2
 Bosco, 343
 Bossona, glacier des, movements of, 199, 492; view of, 176
 Bouquetins, 280, 363
 Bradley, death of Mr., 398
 Breathing at High Altitudes, 1-13, 563-4
 Brèche Cordier, crossed, 404
 Brèche de la Meije in winter, 186, 260
 Brèche des Ecrins crossed, 60
 Breithorn, Lauterbrunnen, 190
 Breithorn, Zermatt, 543; ascended, in winter, 549; view of S. face of, 176, 489
 Bremble, John de, 271
 Brenner pass, monograph on the, 564
 Brenta district, 192, 206, 417, 431-2, 496
 Brentari, book by Signor, reviewed, 205
 Briançon, meeting of C. A. F. at, 183-4, 492
 Bristenstock, 332, 543
 Brittle House, 437, 440
 Brunberg ascended, 485
 Buet, 132, 512; accident on the, in 1800, 130, 179-82
 Bulow, book by Herr von, reviewed, 194-5
 Burdjula, 373
 Burgener, A., at Valparaiso, 568

CACCIABELLA PASS, accident on, 432, 471
 California, 477
 'Californic,' hill of, 177
 Cameroons, the, 45
 Canal di San Bove, 423
 Cancellaria, 357, 512
 Capillaria, 82
 Caré Alto ascended, 567
 Carinthia, 274, 348
 Carle, Pré de Madame, 270
 Casanova, book by Signor, reviewed, 490-1
 Casierte arête, 453
 Castina lake, 91
 Caucasus, 48; Déchy, M. de, in the, 41, 353; Dent and Doukin, Messrs., in the, 116, 217, 320-258, 292, 351, 418; Freshfield, Mr., in the, 353-377, 499-521, 571-2; hints for exploring the, 257-8, 376-7, 500, 510-12, 571-2; panorama of S. side of the, 176, 352; parties in, in 1887, 361, 371; photographs of the, 355, 373, 377, 571
 Cauquenes, 559, 561
 Caviesch, book by Herr, reviewed, 210-11
 Ceja glacier, 41
 Céma, lac de, 119

COL

Cercen pass, accident on the, 114
 Césanne, climbs near, 480
 Cevennes, 197
 Chaillol; Jumeaux de, 401-2; range of, 200, 493
 Chaix hills, 91
 Challand, house of, 489
 Chamois, 280, 346, 406; book on the, reviewed, 344-7
 Chamonix, fête at, 487, 556-7; history of, 379-281; regulation; as to guides of, 422, 491
 Champéry, guide book to, 209-210
 Charon's ascent, 42
 Château d'Oex, baths near, 48
 Cherbadung ascended, 136, 163
 Chifflet, death of M., 199
 Chillan, view of, 175
 Chilian Andes, 558-564
 Chubiani, 372, 512
 Church, in Memoriam notice of Mr. F. J., 465, 371
 Cima del Carro, 407
 Cima del Largo, S.E. peak, ascended, 191
 Cima del Martellot, 203
 Cima della Vacca ascended, 406-7
 Cima della Madonna ascended, 174, 458-9
 Cima di Canali, 131
 Cima Dodici, 206
 Cima Rossa ascended, 484
 Cima Tosa, 432
 Cime de Carro, 407
 Cime du Grand Sauvage ascended, 403
 Cimón della Pnia, 432, 456, 508
 Cipresca valley, 559
 Ciach Glas, 445
 Claparède, book by M. de, reviewed, 209-10
 Cleveland Peak, 93
 Climbers, classes of, 1-2, 376-7; in action, 176
 Clyde, the dog, 199
 Cogne, ancient lake near, 385; excursions round, 121, 489
 Coire na Creiche, 437-440, 444
 Col Bayard, 31
 Col Lombard, 191; crossed by soldiers, 200
 Col d'Argentière, 29, 132
 Col de Chéret, 404
 Col de Couleau crossed, 401
 Col de Garanjon, 539
 Col de Garansaud, 539
 Col de Jean Jean crossed, 191
 Col de la Chambre, 405
 Col de la Combe de la Valette, 403
 Col de la Coste Rouge, history of, 491, 540-2
 Col de la Gailletta, 492
 Col de la Goletta, 492
 Col de la Grande Sagne, 540
 Col de la Haute Plasse, 539
 Col de l'Alfredroide, 540
 Col de l'Argentière, 29, 34, 26-8
 Col de la Mariande, 539
 Col de la Méande, (1) 401-2; (2) 539
 Col de la Melliane, 539
 Col de la Muande, 539
 Col de la Muzelle, 117, 404
 Col de la Serpentine, 411

COL

Col de la Temple, history of, 539-542
 Col de la Tour Ronde, 132
 Col de la Traversette, 200
 Col de Pélet crossed, 405
 Col de Peillenaroux, 408
 Col de Planerouse crossed, 191
 Col des Dents de Bertol crossed 410
 Col des Ecrins, adventure on, 486
 Col de Sellon, 118
 Col des Estançons, 539
 Col de Sestrières, 36
 Col des Prés les Fonda, 402
 Col des Roches crossed, 118
 Col des Rouges crossed, 400
 Col des Sarrazins, 191
 Col des Terres Blanches crossed, 401
 Col de Turbat crossed, 58
 Col de Valfroide, 540
 Col de Vallon Gassaud, 539
 Col de Vétrette crossed, 408
 Col de Vosa, 132
 Col Dolent, 166
 Col d'Olan crossed, 58, 68
 Col du Bouquetin crossed, 407
 Col du Casset, 402
 Col du Clapier, 35-6
 Col du Clot des Cavales, history of, 491, 539; view from, 480
 Col du Géant crossed in winter, 269; three days on the, 8
 Col du Grand Sauvage, 403
 Col du Lion, 50, 551
 Col du Mont Rouge, 115
 Col du Sava, 539; history of, 492; visited in 1786, 491
 Col du Sellar, 396
 Col du Tour in May, 187
 Col La Noire, 200
 Coleman's, Mr., paintings, 463
 Colle Baretti crossed, 489
 Colle San Lorenzo, 121
 Col Lombard crossed by soldiers, 200
 Col Pers, 119
 Commandant chalets, 191
 Compton's, Mr., drawings, 463
 Coolidge, Mr., book by, reviewed, 277-9
 Coolins, the Black, 433-446
 Coolins, the Red, 433
 Cornaro, Catherine, 206
 Cornettes de Bise, accident on the, 53
 Corno dell' Adame ascended, 484, 567
 Corno di Cavento ascended, 567
 Corral de Veleta, 87
 Corrie Labain, 441; peak at head of, 443
 Corrie Lachain, 444
 Corrie na Creiche, 437-440, 444
 Corrie na Ghrunnada, 444
 Corsica, 358, 492
 Cortina, 21
 Corvara, 22
 Cossacka, 354, 360, 362, 366, 371, 514
 Cotopaxi, 45
 Couttet, M.A., In Memoriam, notice of, 361-2
 Cramont, panorama from, 491
 Crast' Aguzza, 302
 'Cremonis jugum,' 35

CRE

Cresta della Croce ascended, 567
 Croda Rossa, 19; by new route, 263
 Croft's, Mr., pictures, 176, 461, 463
 Croix de Fer, accident on the, 182
 Crommelin, death of Herr, 54-5, 110-113
 Crozzone di Brenta, 432
 Cuckoo at night, 440
 Cunibre pass, 563
 Cunningham's, Mr., book viewed, 424-7
 Cuzco pass, 561

DACHSTEINGEBIRGE, guide

book to the, 205-6
 Dadlachs, 512
 Damma pass, 122-3, 176
 Dariel gorge, 370; fortified, 43
 Darrel, Le, ascended, 191
 Dauphiné, 50, 57-73, 195, 200-1, 273, 347, 460-1, 487, 491; accident in, 396-7; ancient glacier passes of, 491, 538-42; guide book to, 128, 277-9, 549; huts in, 57, 68, 276; inns in, 184, 419, 460-1, 493; maps of, 195, 273, 549; new expeditions in, 117, 400-4; photographs of, 285-6
 Davos colonised, 343
 Davy, tablet in memory of Sir H., 365
 Deep Gill, 94, 178-9
 Demavend, 46
 Dent's, Mr., book, 216, 220-1
 Dent Blanche ascended, 161-2, 431
 Dent de Corjon, accident on the, 398
 Dent d'Hérens, by S.W. and W. ridges, 173
 Dent du Chat, 431
 Dent du Midi, 49, 210, 485; seven summits of, 487; view of the, 175
 Dent Parrachée ascended, 196
 Dent Ferroc ascended from E., 173
 Dents de Bertol ascended, 410, 531
 Dents des Bouquetins ascended, 410-11, 464-5, 529-538, 572
 De Sausure fête, 487, 556-7
 Desplands, death of M., 398
 Dévoluy, 286
 Dévouassoud, François, 262
 Diablerets, accident on the, 398
 Diavolezza pass, accident on the, 395-6, 468, 470; crossed in winter, 187
 Dingoes, 494
 Djanga peak, 364, 512, 530; valley, 317-8
 Dogs, 199, 467
 Doigt, Le, ascended, 210, 485
 Doldenhorn ascended from Faulen glacier, 191
 Dolmayer, death of Herr, 399
 Dolomites, 13-26, 273, 417-8, 465-9, 496; guide books to, 348, 569-570; maps of, 39

FAN

Dom, 543; ascended from the S.W., 413-4
 Dôme de Chasseforêt, ascended, 196
 Dôme de l'Arpont ascended, 196
 Doncourt, book by M. de, reviewed, 430-1
 Dongussorun pass, 501, 511; peak, 511
 Donkin's, Miss, painting, 462
 Donkin's, Mr., photographs, 176, 245, 338, 463-4
 Donne's, Mr., pictures, 339
 Dossion di Genova ascended, 567
 Dragons, 565
 Drei Schwester, 399
 Drei Zinnen, 19
 Dübi, Herr, on Hannibal's Pass, 30-35
 Dubamel, book by M., reviewed, 277-9; maps by, 195, 278, 549
 Durance passes, 37-8
 Dürrenhorn ascended, 412-3, 556; Klein, ascended, 172
 Dürren See, 19
 Düsselstok, by new route, 134
 Dych Tau, 229, 256, 354, 361, 368, 373, 520

EARTH PINNACLES, 355

Eastern Alps, ancient glaciation of the, 206; books on the, 272-4, 284, 431-2, 482-4; guide books to the, 130-1, 205, 429-30, 569-570; huts in the, 39, 265, 274, 276, 483; maps of the, 39, 130-1, 274, 286, 424, 564-5, 570; new expeditions in the, 127, 417-8; nomenclature of the, 287-9; temperature of the, 273
 Echo des Alpes reviewed, 487
 Eckerth's, Herr, book reviewed, 348
 Edenis Mta, 378
 Egginhorn arête, 182, 292
 Egli's, Herr, book reviewed, 349
 Eiger by Mittelteig arête, 553-4
 Eigerhörnl ascended, 416
 Eigg, 474
 Eibru, 43, 45, 216, 355, 371, 428
 Elferkofel, 204
 Emperors traverse the Alps, 43
 Engadine, 127, 188, 292, 300-301, 417; book on the, 50-1; guide book to the, 210-11; views in the, 176
 Engelhorn ascended, 416
 Ennerdale Pillar, 95
 Errata, 212, 292, 432, 496
 Eschen, death of M., 130, 179-181
 Espinatito pass, 562
 Etna, 48, 544
 Eutin, 181
 Exmoor, 446
 Explorers, hand book for, 281, qualifications of, 376-7, 499

FALCONNET, M., book re-

viewed, 570-1
 Falknis, accident on the, 399
 Fantoma, L., the hunter, 432

- FED**
- Fedaja pass, 24
 Feilenberg's, Herr von, book re viewed, 194
 Fersenthal, 344
 Festsborn, 523
 Finsteraarhorn, 543; attempted from Finsteraarjoch, 190; by S. arête from Concordia hut, 422-3; in winter, 269; without guides, 338
 Finsteraar Bothhorn ascended, 189
 Finsteraarjoch in winter, 260
 First ascents, list of, 202, 489
 Fieskedal crossed, 160
 Fietschbühner, 415
 Fluchthorn crossed, 273
 Föhn wind, book on the, 274-5
 Fond du Lac, 539
 Fonte glacier, 120
 Foot of man, 565
 Forcolotta, 417
 Forel, M., on glaciers, 193, 486, 492
 Formosa, 198
 Fours, glacier des, 119
 Frühmesserbuch of Martell, 273, 565
 Fründenjoch, 191
 Fuercia da Roseg, 50, 292, 302, 417
 Farrer, death of Cecilia, 398
 Fusuyama, 45
 Fussbörner, 263-9
- GABELHORN**, Ober, 186, 291; Unter, from Trift valley, 123, 176; view of, 175
 Gaderthal, 22
 Galenhorn ascended, 173
 Galenjoch, 165, 172, 556
 Gandegg moraines, 312
 Ganterist, accident on the, 399
 Garanjon river, 539
 Garhwil peak, 3
 Garrett-Smith, Mr., pictures by, 339, 463
 Gaspard the guide, 68-9, 541
 Gassandia chalets, 539
 Gaul pass, early passage of, 309
 Gebi, 374
 Geishorn ascended, 268
 Gemmi, traveller shot at on the, 184
 Genil valley, 85
 Gény, death of M., 396-7
 Geological specimens, 211, 340
 German colonies in the Alps, 288, 342-4
 Gertsch hurt on Schreckhorn, 113, 290
 Geschola, 232
 Gestola ascended, 116, 218, 230-41, 292, 364-6, 418, 520
 Geyer's, Herr, book reviewed, 205
 Ghelati monastery, 376
 Giornlo, battle of, 486
 Gjendeboda, 152-4
 Glaciers des Bois and Bossons, 199, 492; M. Forel's observations on, 193, 486, 492; Grindelwald, 83; Hochparn, 39; Hohberg, 597; in Australia, 495; in Caucasus, 367, 506; in German Alps, 206, 564; in Highlands, 474
 Goldzeichscharte, accident on the, 114
 Goribolo ridge, 373
 Gorvatsch Tau, 503
 Graian district, 119-121, 129, 405-8
 Grand Bec de Pralongnan, ascended, 117-8, 406
 Grand Cornier ascended by N. ridge, 409
 Grand Paradis ascended, 567-8; district, expeditions in, 56, 120-1, 196, 262, 489
 Grand Tavé ascended, 115
 Grande Casse, 196, 207; from the north, 405
 Grande Chartreuse group, 487
 Grande Ruine, N. peak ascended, 404; S. peak ascended, 404
 Grandes Dents de Vaisevi, ascended, 451-2
 Grandes Ronzées, N. peak by S. ridge, 403; S. peak by S.E. ridge, 403
 Gran Sasso d'Italia, map of the, 129
 Granta Parey, first ascent of the, 129
 Grass Hans, 50
 'Gratwanderungen,' 567
 Great St. Bernard, medieval passage of the, 271
 Great Scheidegg in winter, 76-80
 Greece, 193, 543
 Greenland, 45
 Greta, 444
 Gries am Brenner, 480-1
 Grindelwald, early pass to, 53, 130, 343; English church at, 129-30; in April, 333; in winter, 74-80, 467; lower glacier of, 53; old bell at, 53, 130
 Grindelwald Grünhörnl ascended in winter, 466
 Gross Glockner, 49, 455; accident on the, 54-5, 110-18; guide books to the, 131, 569-570
 Gross Grünhorn ascended, 121
 Grosshorn ascended, 190
 Gross Lauteraarhorn ascended, 190; in winter, 466
 Gross Litzner ascended, 566-8
 Gross Schreckhorn, in winter, 466-7
 Gross Seehorn, 566
 Gross Venediger, account of, 566; guide book to the, 131, 569-570
 Gross Viescherhorn, 186; ascended in winter, 466; position of the, 281, 585; without guides, 379-81
 Grube, book by Herr, reviewed, 283-4
 Grünhorn Gross, 121; Klein, 188, 382-3
 Grünstelnscharte crossed, 566-8
 Gryterjdslibben, 128
 Guides, bounty fund for, 481; gentlemen, 121; insurance of, 194, 481; lectures to, 271-2; of Arolla, 449; of Chamonix, 187; of the Dolomites, 456; of the
- GOL**
- Engadine, 51, 292, 303; of the Maritime Alps, 177; of Norway, 143, 573; of Skye, 437-443, 445; of the Trentino, 432; of Zermatt, 95-110, 167-171; portraits of, 176, 426; regulations as to, 170, 422, 471-3, 491
 Guigues, book by M., reviewed, 208-9
 Guillestre, 492
 Guilba ascended, 359, 507-10
 Guldhöpig, 45
 Guluku ascended, 229, 231, 246-50, 354
 Gummen Alp, 349
 Gurin, 343
 Günsfeldt, Herr, books by, reviewed, 48-51, 558-564; in the Andes, 558-564
 Günsfeldt-Sattel, 50, 292, 302, 417
 Guttanen, Inn at, 542
 Guyot glacier, 91
 Gvalds glacier, 357, 509
 Gwächten ascended, 190
- H**
- HABELFJOCH**, 126
 Hannibal, the Pass of, 28-38
 Hamzet of Urusbich, 354
 Hardy, in Memoriam, notice of Mr. J. F., 542-5, 572-3
 Hart, Corrie, 423
 Hatters, a hint to, 39-40
 Heber, death of Herr, 399
 Hecla, 45
 Heiligkreuz (1) 22; (2) 126
 Hepp, death of Elisa, 398
 Hermes' ascent, 42
 Hess, books by Herr, reviewed, 131, 429-30
 Highlands, guide book to the, 473; tramps in the Western, 473-5
 Himalayas, 27-8, 477, 563-4
 Hinter Viescherhorn ascended, 188, 378-81
 Hoehkalter ascended, 273
 Hochnarr group, 39
 Hohberg glacier, 537
 Hohberghorn ascended, 172, 531-2
 Hohberg pass, 412, 556
 Hohe Gaisal, 19
 Hohe Tauern, 273; guide book to the, 121
 Hühnenstock ascended, 126-7, 134-42, 219
 Hnasoa, 559, 561-3
 Hühnerstock ascended, 121-2, 309-13
 Hühnerthiligrat, 121, 309-10
 Human remains found, 120
 Hute, 341, 483, 486, 488; in the Adanello district, 192; in Dauphiné, 57, 68, 276, 461; in Eastern Alps, 39, 265, 272, 376, 565; in Italian Alps, 276; in Monte Rosa chain, 204, 473; in Norway, 147
- IBI-GAMIN**, 3, 48
 I Ice axe, 190, 501; accident, 142; Cordier's, M., 199; old

ICY

- specimens, 464; used as a hoë, 178
 Ioy Bay, 89
 Inaccessible Pinnacle, 265, 436; crossed, 442-3
 Ingur valley, 506
 Interpreter, 226-7, 267, 353, 370, 375
 Inverie, 474
 Ipari, 360
 Irasu, 46
 Iselten Alp, 350
 Isenfluh, inn at, 423
 Isère section of C. A. I., publication of, 285
 Italian lakes, new route across, 38-9
- JACKSON'S, Mrs.**, ascents, 216, 466
 Java, 198
 Jeln, mountains of, 298
 Jingsong La Pass crossed, 27-8
 Joanne, book by M., reviewed, 206-7
 Jones river, 90
 Jongsoong La Pass crossed, 27-8
 Jotunheim, 146
 Juf, 198
 Jumeaux de Chailloil ascended, 401-2; de Val Tournanche, view of, 433
 Jungfrau, accident on the, 391-5, 468-70; adventure on the, 55; crossed, 50, 55; crossed in winter, 466; first ascent of the, 269-70; from Roththal by the new route, 139, 391-3, 485
 Jurjura, Jebel, 40

KAISERBECK, accident on the, 299

- Kal, 372, 512
 Kalde, 360, 373
 Kamm ascended, 188, 384-8
 Karagam glacier, 41
 Karasu, 297
 Kasbek, 45, 364, 371
 Keller, book by Herr, reviewed, 344-7
 'Kerzenfeld,' 560
 Khambachen, 27
 Khambachen Jong, 27
 Khamba Jong, 37
 Kibo, 475-6
 Kienthal, 423-4
 Klichfluh pass, 483-4
 Kilima-njaro, 45, 418, 475-7
 Kincinjinga, tour of, 27-8
 Klein Dürrenhorn ascended, 172-3
 Klein Grünhorn ascended, 188, 382-3
 Klein Matterhorn, new route up, 414
 Klein Viescherhorn (1), 123, 267; (2), 466
 Knots in ropes, 492
 Knutshultindal, 149, 165-8
 Königstein, 45
 Körber, death of Herr, 398, 486

KOS

- Koschtantun, 116, 229, 244, 266, 292, 351, 354, 364, 366, 620
 Kosciusco group, 494
 Krestowaja Gora, 370
 Kreuzkofel, 22
 Kronplatz, 22
 Kuhn, death of Herr, 391-5
 Kurdistan, mountains of, 293-300
 Kutais, 371, 375

LA BÉRARDE in 1786, 491; inn at, 184, 419, 460, 493

- La Chapelle en Val Gaudemar, 58, 63
 Ladina, 288
 La Garde Freinet, 197
 La Grave, 461
 La Iglesia pass, 560
 Lake District, 93-5, 178-9, 292, 327-31, 548-9
 La Lavey, 57, 66
 Lalla Khedidja, 40
 Lammer, Herr, 188, 381, 385, 566; adventure on the Matterhorn, 399-400, 468, 470, 550-3
 Landolt, book by Herr, reviewed, 350
 Landro, 19
 Lanjaron, 81
 Lanolin, 389-90
 Lansdell, book by Mr., reviewed, 46-7
 Lanzo d'Intelvi, 38-9
 Lequinhorn, 198; from the Fletschjoch, 415
 Lascia, 43
 Latpar pass, 371
 Lautrig, 548-9
 Lautaret Hospice, 461
 Lauterbrunnen in April, 333
 Lebanon, 48, 198, 478
 Le Bois, inn at, 408
 Lechthal, 274, 565
 Leck, book by Herr, reviewed, 342-4
 Legends, 482, 490, 565
 Lella range, 359, 511
 Lendenfeld, book by Herr von, reviewed, 493-5
 Lenzjoch crossed, 413
 Lepontine Alps, 126, 163, 487
 Lerco, M., in Caucasus, 371
 Les Roex Alp, accident near, 399
 Levanna range, 202-3
 Lightning, effect of the, on peaks, 193
 Linz, meeting of the German Club at, 482
 Liverpool Exhibition, 263, 292, 837-340
 List, death of Herr, 399
 Loch Affric, 474-5
 Loch Arkalg, 474
 Loch Houra, 474
 Loch Morar, 474
 Loch Nevis, 474
 Loch Torridon, 474
 Long's Peak, 45
 Loppé's, M., pictures, 338, 462
 Lorria, Herr, 188, 379, 386, 484, 524, 526, 528; adventure on the Matterhorn, 399-400, 468, 470, 550-3

MJÖ

- Lötschenthal, 270
 Lucian, 42
 Lugano, lake of, 88
 Luserna, 844
 Lysjoch crossed in winter, 549
 Lyskamm, 192, 544; early name of, 555

MADERANERTHAL, mountaining in the, 133-143

- Main, Mrs., book by, reviewed, 186-8; photographs by, 176, 524
 Malpo ascended, 559-561
 Maladetta ascended, 45
 Malevo ascended, 193
 Malta, 198
 Mamison Pass, 375
 Manacorava, lake, 40
 Mandl, death of Herr, 399
 Manji Kanta Pass, 477
 Maps, Abruzzi, 129; Chilli, 559, 563; Dauphiné, 461, 549; English, 446, 495; French, 461, 493; Swiss, 335, 381, 384, 555; of Eastern Alps, 39, 130-1, 274, 286, 424, 564-5, 570
 Maradalslinder ascended, 163
 Maritime Alps, 177, 208
 Mürrensee, view of, 175
 'Marmites des Géants,' 204
 Marmolata ascended, 23-5
 Marmota, 274, 280, 488
 Maska, 390
 Mathieu, panorama by M., noticed, 347-8
 Matterhorn, accident in 1886 on the, 95-110, 166-171, 264, 421, 486; adventure on the, 399-400, 468, 470, 550-3; crossed, 50; early attempt on, from Italian side, 49; old hut, view of the summit from, 176; on the Italian side of the, 418-9
 Matterhorn, Klein, new route up, 414
 Mégève, prior of, 280
 Meije ascended, 196, 200, 411, 460-1, 508; monograph on, 195; view of, 460
 Melkedal crossed, 159
 Mestia, 359, 506, 512; pass, 504
 Mestia glacier, 357
 Meurer, works by Herr, reviewed, 130, 286-7, 429
 Meyer, death of Gottlieb, 113; fund for relatives, 113, 290
 Micocci, paintings of Signor, 292, 339-340, 462-3
 Midtmochstind ascended, 149, 158-9
 Miemingergebirge, 565
 Migotti, death of Herr, 114, 567
 Mischabelhörner, view of the, 433
 Mischabeljoch, 164
 Mischirgi glacier, 228, 245, 367
 Mischirgi Tau, 369
 Mittaghorn to Eggnerhorn, 192, 292
 Mittel Pass, 416
 Mittelrücken ascended, 415-6
 Mjölafir ascended, 573

MOC

- 'Mocheul,' 344
 Moléson, accident on the, 398
 Momingjorn, Ober, ascended, 123-4
 Moming Pass, 186
 Mönch, first ascent of the, 265-6; from Eigerjoch, 383; from Wengern Alp, 128-9, 260; in winter, 269
 Mönchjoch, exact position, 378; old passage, 63, 130, 343
 Montagnes des Maures, 196
 Mont Aiguille ascended, 288
 Mont Avrii ascended, 115
 Mont Blanc, 45; books on, 480-1, 570-1; by Aig. du Goûter, 186, 570; by Aiguille Grise, 196, crossed in winter, 467, 549; de Saussure's ascent of, 556-7; district, 408-9, 491; from Brenva glacier, 186; from Col de Mingé, 197; MS. of Mr. Reilly's map of, 292; poem about, 571; three days on top of, 557
 Mont Blanc de Seilon ascended from the E., 411-2
 Mont Collon, 448, 454
 Mont Dolin, 448-9
 Monte Adame ascended, 484, 567
 Monte Cristallo ascended, 19-21; guide-book to, 448
 Monte della Disgrazia, 49
 Monte delle Loccie by N.E. ridge, 414
 Monte Folletto ascended, 567
 Monte Fumo ascended, 484, 567
 Monte Nero ascended, 120
 Monte Rosa, district, 123-6, 172-3, 412-416, 521-9, 550-3; S. face of, 203-4, 263-4
 Monte Rosso di Scerscen, 50; by W. ridge, 417; from Scerscen glacier, 127, 292, 300-9
 Monte Rotondo, 45
 Montevers, 176, 184, 419, 460, 493
 Mont Genève, 29-30, 34, 36
 Mont Iscran ascended, 119
 Monti Sibillini, 490
 Mont Ormelune ascended, 120
 Montpellier le Vieux, 197
 Mont Pleureur ascended, 115
 Mont Savoyat ascended, 403
 Moore, death of Mr. A. W., 186, 268-261, 291-2, 351, 465
 Morgenberghorn, accident on the, 398, 486
 Morteratsch glacier, 187
 Motril, 82
 Mountaineering without guides, 1-2, 217, 378-388, 390-8, 421, 4-3, 470, 485, 522-9, 550-3
 Mountain exploration, epochs in, 45; history of, 41-3, 566-9
 Mountain sickness, 325-8, 570
 Mountain tops, collections of, 211, 340
 Mount Bogong ascended, 494
 Mount Cook, 45
 Mount St. Elias attempted, 90-3, 178, 351, 427-8
 Mount Tisac, 40
 Mount Townsend ascended, 494
 Mujal, 362, 512-3
 Mülach, 514

MUL

- Mulachacn ascended, 45, 83-4
 Muller's Peak ascended, 494
 Munz, death of Herr, 113
 Murray's Swiss handbook reviewed, 131-3
 Mushal, 362, 512-3
 Muzart Pass, 47

- N**AARFKOPF ascended, 486
 Nadelhorn ascended, 418, 453; from the north, 126; name of, 524
 Nadeljoch, 125
 Naksagar Pass, 372, 512
 Naitshik, 252-3, 354, 370
 Näsihorn ascended, 189-90
 Naters, 342-3
 Nebraska, 478
 Nendjar, 358
 Nesthorn ascended, 190
 New expeditions in 1886, 116-128, 171-4, 263; in 1887, 400-417
 New routes in general, 61-6
 Nichols Peak, 93
 Nimroud Dagh, 294
 Norway, 56, 128, 144-160, 492, 573; Tourist Club of, 147
 Noshka Pass, 373
 Notre Dame de Rhêmes, 190
 Nuchek, ascents near, 178; life at, 428
 Nuljin Sangra Pass and Peak, 27

- O**BERALPSTOCK, 133
 Observations in general, 565
 Ochsenhorn ascended, 287; by N. ridge, 122, 268
 Ochsenjoch crossed, 267
 Oetzthal, book on, 569; names in, 288
 Olden, Inn at, 128
 'Old Man of Skye,' by W. edge, 265, 436; crossed, 442-3
 Olmenhorn ascended, 171
 Olympus ascended, 45
 Omeo lake, 495
 Opillous, see Anpillous
 Orières, 200, 401
 Orizaba ascended, 45
 Ornavasso, 342-3
 Orter district, book on, 569; Bounty Fund for guides of the, 481

- P**AINE, painting by Miss, 462
 Pa di S. Martino ascended, 432, 456-8
 Pa'a range, guide-book to the, 489
 Palavicini, death of Marquis, 54-5, 110-113
 Parières range, explored, 200
 Parnassus ascended, 45
 Parsyeyerspitze, accident near, 389, 468, 470
 Parsons, drawings by Mr., 462

POI

- Pas de Chèvres, 115, 449
 Pas d'Olan, 71
 Pas du Saix sous Aren, 870
 Pas du Souffre crossed, 408
 Pass Mta, 373
 Passo del Sacchi, 417, 496
 Passo di Lares crossed, 567
 Passo di Lobbia crossed, 567
 Pasterze glacier, 273, 564
 Paterson's Swiss guide-book reviewed, 52-3
 Penck, book by Herr, reviewed, 206
 Perrin, A., book by M., reviewed, 279-281
 Perrin, F., book by M., reviewed, 277-9
 Pers glacier, accident on the, 395-6, 468-470
 Pescadores islands, 198
 Philip III. of Macedonia, 274
 Photographs, 176, 199, 285-6, 463-4, 487, 549-550, 560, 562-3; of the Caucasus, 41, 176, 245
 Picacho de Veleza ascended, 83, 85-9
 Pic Bourcet ascended, 405, 496
 Pic Coolidge, first ascent of, 542
 Pic d'Astazon ascended from the N., 197
 Pic de Mancros ascended, 404
 Pic de Neige Cordier ascended from the E., 404
 Pic de Néthou ascended, 566
 Pic des Aupillous, accident on the, 396-7; ascended, 117
 Pic des Prés les Fonds ascended, 402
 Pic d'Olan, story of the, 57-73
 Pic du Capièr du Peyron ascended, 117, 403-4
 Pic du Midi d'Ossau, 197
 Pic du Sais, N. point, ascended, 404
 Pic Mackenzie, 442
 Pic Signalé, 66
 Picture Exhibitions, 175-6, 291-2, 461-3; at Liverpool, 263, 338-340
 Pierre du Niton, 493
 Pigne d'Arolia, 448
 Pilatus ascended, 43
 Pillar, Ennerdale, 95; Sca Fell, 95, 178-9
 Piz Bernina ascended, 544
 Piz d'Albana ascended, 184-5
 Piz Kesch ascended, 50
 Piz Morteratsch ascended, 50
 Piz Pulatschin ascended, 185
 Piz Roseg, first ascent of, 49-60, 186, 291; view of, 176
 Pizzo Bianco, 60
 Pizzo del Cervendone ascended, 126, 163
 Pointe de l'Archebooc ascended, 120
 Pointe de la Glère ascended, 405-6
 Pointe de la Sana ascended, 118
 Pointe des Ecardies ascended, 487
 Pointe des Ecrins ascended, 50, 186, 273, 291; panorama from, 847-8
 Pointe des Genevois, 173, 191
 Pointe de Voussion ascended, 453

POI

- Pointe du Bousson ascended, 119
 Pointe du Vallonet ascended, 117
 Ponte Tresa, 88
 Popocatapetl ascended, 45
 Portezue'o del Penitente, 561-3
 Portjen Pass, 416
 Possagno, 206
 Potl, bishop of, 362, 514
 Pralognan, 207
 Prapic, 401
 Praruyen, inn at, 491
 Prato Magno, 557-8
 Prax Gras pastures, 453
 Primiero, history of, 432
 Prins's, Chevalier, pictures, 463
 'Prince Lucifer,' reviewed, 488
 Prix, death of M., 399
 Puckle, death of Mr., 53
 Punta di Ceresole ascended, 489
 Punta di Gallisia ascended, 119
 Punta di Mezzen'e, height of, 303
 Purtscheller, Herr, ascents of, 484-6, 566-9
 Pusterthal, 564; colonisation of the, 288
 Puy Gris ascended, 300
 Pyrenees, 197-8, 491-2, 566; map of the, 197

QUEYRAS, 300, 308

- R**AMBERT, death of M., 194
 R. Ranaldi, death of A., 599
 Ranait, 127-8
 Rancho Yaucha, 560
 Ranggetier, death of C., 54-5, 110-113
 Raschöts, panorama from the, 569
 Ras Timedonine, 40
 Ratti, book by Signor, reviewed, 490-1
 Rauris valley, 89
 Red Coolins, 433
 Reilly's map, M.S. of Mr., 292
 Réunion, 492
 Reviews, 41-53, 130-2, 186-211, 272-289, 340-360, 424-432, 482-496, 558-571
 Rhaetian Alps, passes of the, 192
 Rhaetians, 287
 Rhêmes valley, 120
 Rhine Falls, 481
 Rhone glacier, observations on the, 193-4, 486-6
 Richthofen, book by Herr von, reviewed, 281
 Ried Pass, variation of the, 126
 Riesenerfer group, 429
 Riffel Alp, pictures of pines around, 176
 Rio Diamante, 560
 Roc du Mulinet, height of the, 303
 Rochebrune ascended, 200
 Rocheolaire, 401
 Roman roads in the Alps, 30-5, 193

ROM

- Romans in the Alps, 287-8
 Rondinolo, panorama from the, 490
 Rope, 252, 295, 397-8, 554-5
 Rosengarten group, 431
 Rosenheim, meeting of German Club at, 183
 Rossa Viva ascended, 489
 Rossbodenhorn ascended, 416
 Rothwand, 19; new route up the, 263
 Koussette, 453
 Royds, disappearance of Mr., 114
 Rubesoier, death of E., 54-5, 110-113
 Rücksaack, 464
 Rue des Masques, 492
 Rum, 474
 Rymfjochhorn from Adler Pass, 168, 160

- S**AAS, Arabs at, 488; views of, 176
 Saasgrat, 521-9
 Salève, 330
 Sanctsch Pass, accident near, 398
 Sántis, accident near, 398; lighting on the, 193
 Saas Maor, both peaks ascended, 456-9; W. peak ascended, 174
 Saasgrat Pass, crossed, 423-4
 Saut du Latre, 401
 Sca Fell, new ascent of, 93-5; Pillar, 95, 178
 Schatzmann, book by Herr, reviewed, 349-350
 Schienhorn, 190
 Schiller, Professor, on Hannibal's Pass, 36-7
 Schlenkerspitze ascended, 565
 Schling, innkeeper at, 239, 478-9
 Schluderbach, 19
 Schnalserthal, 564
 Schneehaube ascended, 50
 Schönbühlhorn, 384
 Schranzbach Scharte, accident on the, 399, 468, 470
 Schreckhorn, accident on the, 113, 290; crossed, 188, 373; in winter, 466-7
 Schreyer, death of Herr, 399, 468, 470
 Schuler, death of, 398
 Schuis's, Herr, ascents, 191-2, 273, 484, 566-9
 Schwarz, book by Herr B., reviewed, 41-4
 Schwarz, book by Herr T., reviewed, 44-6
 Sciora pass, accident on the, 482, 471
 Section Lyonnaise du C. A. F., Bulletin of, reviewed, 199-200
 Seiler family, kindness of, 553
 Sella's, Signor, photographs, 176, 463
 Sellaioch, 23
 Serbal, 492
 Serpente, 565
 Seton-Karr, book by Mr., reviewed, 427-9
 Sette Comuni, 205, 288, 344, 482

STR

- Sett-Shoo, 428
 Sgor na Clocha, 474
 Sgumain, 442
 Sgurr Alister, 441-2, 444
 Sgurr Dearg, 444
 Sgurr Greadaidh, 444
 Sgurr Labain, 442
 Sgurr Mhadiadh, 437-444
 Sgurr Mic Colnuich, 442
 Sgurr-na-h-Uamha, 444-5
 Sgurr-nan-Gillian, 433-5, 437, 444
 Sbichi'di glacier, 505; Tau, 509
 Shieldag, 474
 Shikara, 364, 372-3, 375, 519-20
 Shoda, 373-5
 Sierras Nevada's, excursions in the, 80-9
 Sierra Tejada, 81
 Signal Kuppe by S.E. ridge, 414
 Silberbast, 556
 Silberhorn by W. ridge, 416
 Silvretta district, 273, 568
 Simletind ascended, 54
 Simplon district, 131, 342, 487
 Sinal, 43, 45, 492
 Slon, bishop of, 210
 Skagastölstind, 159
 Skones Skall valley, 371
 Skye, climbing in, 265, 433-446, 495-6; views of, 176, 265, 462, 495
 Slaves, 288
 Sledge, 464-5
 Sleeping bags, 464, 523
 Sletmar kbh, 165
 Sligachan inn, 437, 445
 Snowblindness, 477-8
 Snowburn, 53, 366, 389, 390, 489
 Société des Touristes du Dauphiné, Annales reviewed, 200-1, 493; history of, 200-1; work done by it, 184, 419, 460, 493
 Sommet des Roules, 307
 Sonklar, death of Fräulein von, 114
 Sonnblück, inn on the, 39; panorama from the, 569
 South-Western Alps, geological specimens from the, 211; maps of the, 202-3, 270-1, 549
 Special district of the S. A. C., 486
 Speikboden, 274
 Spiggengrund, 423
 Sport in Carinthia, 346-7; in Kurdistan, 300; in Skye, 440
 St. Bartholomä, 272
 St. Bernard of Menthon, 204
 St. Christophe, 538
 Stecknadelhorn ascended, 496, 522
 'Steigelsen,' 480, 525, 567
 Steub, book by Herr, reviewed, 287-9
 St. Leonhard, 22
 St. Martin, 76-7
 St. Sebastian, 344
 Stockholm group, map of the W., 486
 Stonefalls, 360
 Strahlegg, 545; in winter, 126, 280, 466
 Strasser, book by Herr, reviewed, 485

- ST.**
 St. Theodul, churches dedicated to, 343
 Stubai district, 127, 273, 569
 Studer, in memoriam notice of Herr B., 333-6
 Studer, book by Herr J., 343-4
 Studerhorn, 336, 423
 Sturs valley, 204
 St. Véran, 198, 200
 St. Vigli, 22
 Suanetia, 267-69, 371-5, 506-11, 513-4
 Südenspitze, 164; ascended from the N., 126
 Suldenferner, 564
 Sulzer-Ernst, death of Herr, 298, 468
 Sunburn, 52, 339-90
 Switzerland, 'allmends' of, 250; 'alps' of, 349-50; guide-books to, 52-3, 131-2, 341-3, 349; maps of, 236, 281-4, 555
- TAILLEFER, 266**
 Tairnellear, 437, 440
 Tamschbachthurm, death on the, 299
 Tarentaise district, 117-19, 207, 284, 406-3, 491
 Täschhorn by S.W. ridge, 414
 Tau, 365, 503
 Tempe, vale of, 42
 Temperature in the Alps, 273, 490
 Teneriffe, ascent of the peak of, 6, 10, 45
 Tercier, death of S., 399
 Tête de la Maye, panorama from the, 207
 Tête de Loranoure, 65
 Tête de Money, 489
 Tête des Liches, 65
 Tête de Vautsise ascended, 401
 Tête du Salude, 62-5
 Tetonid Tau (1) (see Gestola).
 (2) ascended, 363-5, 418, 513-521
 'Theutonic', 280, 344
 Thian Shan group, 46-7
 Thorens, 405, 498
 Thorstein ascended, 205
 Thuber pass, 515
 Ticino, loss of life in, 548
 Tiefenstock ascended, 171
 Tiflis, 370
 Tignes, people of, 22
 Tissandier, balloon ascents by M., 4
 Titlis ascended in winter, 549
 Tobogganing, 77, 467
 Todai ascended, 49; district, 126-7, 133-43
 Todesgebirge, monograph on, 565
 Tonale pass, 42
 Tonkin, 198
 Torrents, 350
 Tonal, 232-3, 236, 248, 418
 Trafoi, derivation of name of, 289
 Trautwein, book by Herr, reviewed, 340
 Trentino Society, publications of the, 431-2
- TRICASTINI, 38**
 Trient district, monograph on, 487
 Trogen Alp, accident near the, 398
 Trois Torrents, village of, 310
 Trugberg, panorama from S. peak of the, 194
 Tschudi, Iwan von, guide books by, reviewed, 123, 341-2; in memoriam notice of, 336-7
 Tshubiani, 372, 512
 Tsouai, the interpreter, 226-7
 Two Sisters, photograph of, 187
 Tyndall glacier, 92
 Tyndall, Professor, elected hon. member of A. C., 351
 Tyrol, 274, 287-9, 344, 478-81; maps of, 274, 286, 424, 564-5, 570
- UKU ascended, 267**
 Ulrichshorn from Hochbalm glacier, 164; view from the, 524
 Ulrichsjoch, see Windjoch
 Umlauf, book by Herr, reviewed, 281-3
 Unter Gabelhorn, from the Trift valley, 123, 176
 Urnäsch, 342-3
 Urnuch, gorge of the, 41
 Urnschie, 355, 501; hunters of, 287; princos of, 354-5
 Ushba, 231, 356-7, 359, 365, 373, 504-5, 507-9, 521; glacier, 505; Little, 505, 509
 Ushkul, 260, 272, 512
- VAGIENNI, 32**
 Valais, avalanches in, 546-8; colonies from the, 342-3; guide books to the, 209-210, 277; rules as to the guides of the, 170, 422, 471-3
 Val d'Ayas, glaciers of the, 489
 Val d'Illices, history of the, 209-210
 Val d'Orsina, 280
 Val Fersina, 344
 Val Flavona, ranges of the, 432
 Val Fontana, monograph on, 204
 Val Joffrey, 68
 Valle Hermoso, 561-2
 Valle Penitente, 561
 Vallombrosa, 567-8
 Vallon de la Rocheure, 408
 Vallon du Diable, 539
 Vallon du Moulin, 539
 Vallouise, 270; inn in, 461
 Valparaiso, 558
 Van, 293; lake of, 295; town of, 296
 Varallo, meeting of C. A. I. at, 183
 Varro's Pass, 32-4
 Vâtee, 444
 Vaudagne, 280
 Vandois valleys, 131
 Ventina glacier, 489
- VEROORS, 296**
 Verra glacier, 489
 Vetti, 152, 180
 Vicenza, meeting of the C. A. I. at, 482
 Vicuna, 561, 563
 Viescherhorn, see Gross, Hinter, and Klein
 Viescherjoch, 267
 Vignemale, caves on the, 482
 Vignet, book by M., reviewed, 284-5
 Villars, the botanist, 491
 Ville Vallouise, inn at, 461
 Vinadio, 37
 Virgilio, book by Signor, reviewed, 285
 Vladikafkas, 252-4
- WALCHERHORN, 378**
 Wallroth's, Mr., photographs, 464
 Waltenberger, guide-book by Herr, reviewed, 569-570
 Walton, painting by Mr., 463
 Warak Dagh, 298
 Watzmann ascended, 272; hut on the, 265
 Weiss, death of Herr, 399
 Weisshorn, near Ober Aletsch glacier, 190
 Weisskopf, 555
 Weiss Stöckli, 127, 133
 Wellenkuppe crossed, 124; early name of the, 555
 Wendelstein, 274
 Wetterhorn ascended in winter, 549
 Wetstein, death of the brothers, 291-5, 468-470
 Wheeler, death of Mr., 395-6, 468, 470
 Whitney Peak, 93
 Widmann, book by Herr, reviewed, 48-9
 Wilder Freiger ascended, 127
 Williams, pictures by Mr., 176, 329, 462
 Willink, sketches by Mr., 176, 329, 462
 Windjoch crossed, 125, 163, 413
 Winter expeditions, 22-3, 73-80, 186, 260, 269, 327-331, 466-7, 549
 Winter in the Alps, views of, 178
 Winterthur, meeting of the S. A. C. at, 183
 Wolf, books by Prof., reviewed, 166-171, 277, 421-2
 Wolfendorn Kind ascended, 479-481
 Wurzen, 265
- YAKATAT, 89, 93, 178**
- ZAGIRI, 371**
 Zahnücke, 122
 Zamorano, 559-561
 Zanner pass, 363, 365-6, 515, 520

ZAR	ZIE	ZWÖ
Zarafshan glacier, 47]	Ziegler, death of Herr, 391-5, 468-470	Zucco di Desio, 204
Zeitschrift of German A. C., noticed, 272-4, 564-9	Zillierthal, books on Alps of the, 429-430, 569-70	Zuccone di Campelli, 204
Zemusandong, 27	Zinereffian rocks ascended, 450, 453	Zumsteinspitze ascended from Grenz Sattel, 126, 163
Zermatt guides, 95-110, 167-171, 177, 422; poem about, 488		Zwölferkofel, 204

END OF VOL. XIII.

PRINTED BY
 SPOTTISWOODE AND CO., NEW-STREET SQUARE
 LONDON