

The Regions of the World

EDITED BY

H. J. MACKINDER, M.A.

LATE READER IN GEOGRAPHY IN
THE UNIVERSITY OF OXFORD

**THE REGIONS OF THE
WORLD.**

EDITED BY H. J. MACKINDER, M.A.

*Each complete in one volume,
Large Crown 8vo.*

BRITAIN AND THE BRITISH SEAS.
By the EDITOR.

CENTRAL EUROPE. By JOSEPH PARTSCH,
Ph.D.

THE NEARER EAST. By D. G. HOGARTH,
M.A.

INDIA. By Colonel Sir THOMAS HOLDICH,
K.C.L.E., C.B., R.E.

THE FARTHER EAST. By ARCHIBALD
LITTLE.

NORTH AMERICA. By ISRAEL C. RUSSELL,
LL.D.

LONDON: HENRY FROWDE.



CENTRAL EUROPE

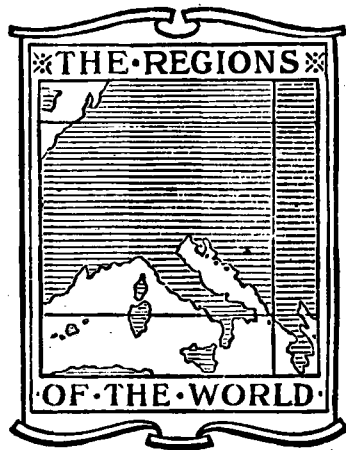
CENTRAL EUROPE

BY

JOSEPH PARTSCH, PH.D.

PROFESSOR OF GEOGRAPHY IN THE UNIVERSITY OF Breslau

With Maps and Diagrams



HENRY FROWDE
LONDON, EDINBURGH AND GLASGOW

1905

*This Edition enjoys Copyright in all
countries signatory to the Berne
Treaty, and is not to be imported
into the United States of America*

EDITORIAL NOTE

Professor Partsch's manuscript was translated by Miss Clementina Black. It was found to be too long for publication in an English series, and the translation was therefore curtailed by Mr. E. A. Reeves. In the shortened form it received the comments of the author, and the proofs were finally corrected by the editor, who is therefore alone responsible for any errors of diction. The editor desires to thank Miss Black and Mr. Reeves for their most efficient help. Above all is he grateful to Professor Partsch for permitting the alteration of the work to meet the requirements of Anglo-Saxon readers. The book will be published in German in the original form.

H. J. M.

P R E F A C E

WHEN Mr. Mackinder asked me, in 1897, to undertake the volume dealing with Central Europe, in his new Geographical Series, *The Regions of the World*, he and I were agreed that, in order to secure the unity of the whole work, the plan and division of the material must be settled by the editor for the guidance of his fellow-workers. My German manuscript was completed in September 1899, but when, in the beginning of 1901, the English translation had been finished, it appeared that it had run to rather too great a length. Some abbreviations had to be made in order to reduce it to the usual size of the books proposed, and to bring its proportions more fully into accord with the volume on "*Britain and the British Seas*," which was published in the early part of 1902. For German readers, the German edition now in preparation will retain the unabridged text as originally written.

The diagrams and sketch maps in the text were prepared by the author, and executed by Messrs. Darbishire and Stanford. The coloured maps have been specially drawn for this book by Mr. J. G. Bartholomew.

My particular thanks are due to all the gentlemen who have participated in the preparation of this volume, but more especially to Mr. Mackinder for his kindly interest in it.

In the revision of the English manuscript, and of the printed proof, my son Joseph, stud. jur., has been my faithful helper.

J. P.

BRESLAU, *Jan.* 1, 1903.

ERRATA

- Page 8, note, line 9, *for* 'Theodore' *read* 'Theobald.'
- „ 15, note, line 10, *for* 'Franz' *read* 'Fritz.'
- „ 33, line 8, *for* 'Further' *read* 'Hinter.'
- „ 48, line 1, *for* 'Dominion' *read* 'basin.'
- „ 71, note, lines 9, 16, 20, 23, *for* 'Königlich-Kaiserlichen' *read* 'Kaiserlich-Königlichen.'
- „ 88, note, line 3, *for* 'der' *read* 'den.'
- „ 123, note, line 4, *for* '1897' *read* '1887.'
- „ 142, note, line 6, *for* 'Wort Bild' *read* 'Wort und Bild.'
- „ 213, note, line 3, *delete* 'the' *before* 'five.'
- „ 240, note, line 9, *for* 'Gopčevir' *read* 'Gopčevic.'
- „ 240, note, line 10, *for* 'Serbier' *read* 'Serben.'
- „ 273, line 4, *for* 'Landes Krone' *read* 'Landeskronen.'
- „ 275, note, line 4, *for* '88' *read* '68.'
- „ 275, note, line 8, *for* 'Franz' *read* 'Fritz.'
- „ 297, note, line 5, *for* 'Marjovia' *read* 'Masuria.'
- „ 312, note, line 2, *for* 'Zegenwoordige' *read* 'Tegenwoordige.'

CONTENTS

CHAP.	PAGE
I. POSITION AND WORLD-RELATION	I
II. GENERAL OUTLINES OF THE PHYSICAL HISTORY	11
III. THE ALPS AND THE GERMAN DANUBE	16
IV. THE CARPATHIANS AND THE HUNGARIAN DANUBE	47
V. THE ILLYRIAN CHAINS, THE BALKAN, AND THE LOWER DANUBE	57
VI. THE BLOCK MOUNTAINS AND TABLELANDS OF CENTRAL EUROPE	72
VII. THE NORTH GERMAN LOWLAND AND THE GERMAN SEAS	89
VIII. CLIMATE	112
IX. THE PEOPLES	124
X. THE STATES	143
XI. ECONOMIC GEOGRAPHY	161
XII. THE ALPINE COUNTRIES	203
XIII. THE SUDETIC AND CARPATHIAN COUNTRIES OF AUSTRIA	214
XIV. HUNGARY	221
XV. THE ILLYRIAN AND BALKAN COUNTRIES	228
XVI. SOUTH AND CENTRAL GERMANY	241
XVII. NORTH GERMANY	276
XVIII. THE NETHERLANDS	298
XIX. COMMUNICATIONS	313
XX. THE GEOGRAPHICAL CONDITIONS OF NATIONAL DEFENCE	326
INDEX	343

LIST OF ILLUSTRATIONS

MAPS

I. Central Europe	<i>Frontispiece</i>
II. The Alps	<i>To face page</i> 18
III. Austria-Hungary. Bathy-orographical	” 52
IV. Germany. Orographical	” 76
V. Central Europe. Geological	” 80
VI. Central Europe. Ethnographical	” 131

* * Erratum in *Map vi.* The blue indicative of the Romance Stock should have extended over the area crossed by the word “Wallons.”

DIAGRAMS AND MAPS

FIG.		PAGE
1.	The Mountains of Central Europe	10
2.	The Continental Area of Central Europe in Carboniferous Times	12
3.	Section through the Gotthard showing Folded Mountains. (After Heim and C. Schmidt)	13
3a.	Section through the Basin of the Upper Rhinè showing Block Mountains. (After R. Lepsius)	14
4.	The Rhone Glacier in the Ice Age. (After Falsan et Chantre)	21
5.	Comparative Heights of the Land and Amount of Rainfall	23
6.	Ancient Valleys of the Four Forest Cantons. (After Albert Heim)	29
7.	Ancient Valleys of the Grisons. (After Albert Heim)	34
8.	Ancient Transverse Valleys of the Northern Alps	39
9.	The Conquest of the Pinzgau by the Salzach. (After Wähner).	40
10.	Lakes and Moraines of the German Foreland of the Alps	42
11.	Entry of the Danube into the Jura	44
12.	The Lake Region of the High Tatra.	49

FIG.	PAGE
13. Section of the Ground under Buda-Pest. (After Szabo)	51
14. The Hydrography of the Karst	59
15. The Underground Drainage of Illyria. (After Supan)	61
16. Successive Edges of the Ice Sheet in the Last Glacial Epoch. (After Keilhack)	91
17. A Prussian Haff	95
18. The Boddens of Pomerania	96
19. The Förden of Holstein	97
20. The Sky of Central Europe	118
21. The Rainfall of Central Europe	119
22. Celtic River Names in Germany	125
23. Advance of the Romans into Central Europe	126
24. The Roman Limes of Germania and Rætia	127
25. Diagram to show Nationalities	141
26. Diagram to show Area of States	156
27. Diagram to show Population (A.D. 1900)	157
28. Northern Limits of Maize, the Beech, and the Vine	165
29. The Proportion of Area under Maize to Area under other Cereals	171
30. Proportion of Areas under Wheat and Rye	173
31. The Sugar Production of the World	175
32. Cultivation of Sugar Beet in Central Europe. (After Engel- brecht)	177
33. Cultivation of Potatoes in Central Europe. (After Engelbrecht)	178
34. Brandy and Beer	180
35. Area of Wine Lands	181
36. A Mineral Map of Central Europe	184
37. The Delta of the Vistula	286
38. The Waterways of Central Europe	315
39. Loop Tunnels of St. Gotthard. Approach to the Great Tunnel from the North	319
39a. Loop Tunnels of St. Gotthard. Approach to the Great Tunnel from the South	319
40. Diagram showing Lines of Equal Time Distance by Express Train from Berlin. (After Mary Krauske)	322
41. The Strongholds for the Defence of Central Europe	328

INDEX

- AAR River, 17, 22
 Abbazia, 113
 Achensee, Lake, 40
 Adamello group, 35, 37
 Adda River, 17, 35
 Adersbach, 77
 Adige River, 17, 35, 37, 38
 Adrianople, 65
 Adriatic Sea, 7, 116, 211, 228, 313 ;
 coast, rainfall, 121 ; watershed,
 37
 Adula, glaciers of, 33
 Ægean Sea, rivers of, 65
 Aestii, the, 125, 134
 Aggtelek, cavern of, 170
 Agram, 20, 225, 227
 Agriculture, 170, 199
 Aiguilles, the, 49
 Aix-la-Chapelle, 144, 261, 327
 Albanians, the, 139
 Albulia River, 33
 Alcoholic drinks, 179
 Alemanni, the (*see* Swabians)
 Alemannic dialect, 132
 Aletsch Glacier, 21
 Alexander of Battenberg, 155
 Alföld (*see* Hungarian Plain)
 Alle River, 335
 Aller River, 92, 103, 277
 Alnmouth, 110
 Alpine Foreland, 18, 41 ; glacier
 system, 21 ; landscape, 19
 Alps, 2, 3, 13, 16, 117 ; Bernese,
 26 ; Cottian, 26 ; Dinaric, 231 ;
 Eastern, 17, 34, 130, 208 ; Ger-
 man foreland of, 42 ; Gneissic,
 18 ; Graian, 25 ; Helvetian, 28 ;
 Limestone, 18, 26 ; Maritime,
 26 ; Northern, 39 ; Oetzthal, 35 ;
 Pennine, 26 ; pre-, 18 ; rainfall of,
 22 ; Rhætian, 34 ; Western, 11,
 19
 Alsace, 146, 242, 250
 Alsen, 93
 Alster River, 292
 Alt River, 48, 50
 Altena, 260
 Altenberg, 306
 Altmark, the, 276
 Altmühl River, 127, 316
 Altona, 277, 294
 Altvater Gebirge, 78
 America, 292 ; North, 292, 293
 Ammersee, Lake, 41
 Ampezzo, 37
 Amselfeld, 64, 57 ; battle of, 153,
 154
 Amster River, 302
 Amsterdam, 302, 303
 Andermatt, 31, 329
 Andree, R., 202
 Anglo-Saxon dialect, 133
 Angot, 123
 Aniline dye, 195
 Annaberg, 73, 271
 Antivari, 153, 232
 Antwerp, 1, 111, 148, 299, 303, 304,
 309, 310, 330 ; port of, 110
 Appenzell, 204
 Aquileia, 210
 Aquincum, 224
 Arad, 223
 Aranyosh River, 222
 Arbe, 60
 Arber, Mount, 76
 Arcona, 96
 Ardennes, the, 3, 15, 79, 86, 305 ;
 Mountains of, 85
 Aremberg Moor, 105
 Argentina, 175
 Argentoratum, 249
 Aristotle, 214
 Arlberg Pass, 17
 Arnheim, 301
 Arpads, the, 224
 Arva, Valley of, 50
 Asia Minor, 198
 Atlantic Ocean, 7, 310

- Attila, 223
 Augsburg, 81, 198, 243, 246
 Augusta Vindelicorum, 243
 "Ausgleich," the, 151
 Aussee, 207
 Austria, 7, 13, 145; Alpine countries of, 207; Lower, 189; plain of Lower, 38; Upper, 39; Sudetic and Carpathian countries of, 214; Trauna district of Upper, 40
 Austrian Lloyd Company, 229
 Austro-Hungary, waterways of, 314
 Auvergne, 85
 Avars, the, 134, 140
 Aztecs, the, 171
- BABELSBERG**, Castle of, 283
 Babia Góra, 47
 Baden, 28, 113; Grand Duchy of, 242
 Bajuvari, the, 124, 129
 Bakonyan Forest, 51, 225
 Balaton, Lake, 56
 Baldegg, Lake, 29
 Bale, J., 46
 Balkan Mountains, 2, 65, 66
 Balta, Islands of, 70
 Baltic Islands, 90; ridge, 92, 98; Sea, 1, 7, 78, 92, 93, 97, 114, 198, 211, 288, 289, 313; fisheries of, 290
 Baltic and North Sea Canal, 7
 Bamberg, 81, 247
 Banat, the, 52, 65
 Bardowik, 291
 Barley, 170
 Barmen, 260
 Bartsch River, 101, 278
 Baruth Valley, 101
 Basle, 82, 204, 205, 250
 Basses Alpes, 25
 Bastarni, the, 125
 Bautzen, 135, 272
 Bavaria, 13, 242; high plain of, 41
 Bavarian Allgäu, 207; Forest, 43, 76; Vogtland, 242
 Bavarians, the, 134, 241
 Baziash, 55
 Beech tree, 164
 Beer, 177, 180
 Beet, 176
 Belfort, 328; gate of, 332
 Belgian International traffic, main centre of, 110
- Belgium, 299, 305, 327; defences of, 329; imports and exports of, 200; mercantile marine of, 510; waterways of, 314
 Belgrade, 154, 226, 234; and Salonica railway, 64
 Belle Donne Mountains, 26
 Belluno, 20
 Belogradzik, 339
 Berchtesgaden, 207
 Bergamo, 36
 Berghaus, 123
 "Bergstrasse," 83
 Berlin, 100, 101, 277, 278, 280, 288, 315, 324; Congress of, 55, 155; -Kölln, 281; lines of equal time distance by express train from, 322; University of, 282
 Berne, 206
 Bernese Oberland, 31, 206; glaciers of, 21
 Bernina, 35
 Beskid Mountains, 47, 73
 Bessarabia, 13
 Beveland, 309
 Bex, 204
 Biebrich, 254
 Biel, Lake, 30
 Biela River, 75, 76; Valley, 215
 Bielefeld, 263
 Bille River, 292
 Billwiller, 8
 Bingen, 84, 85, 143, 241
 Birnbaum, 137
 Bisamberg, 44
 Bittner, A., 71
 Blaavanshook, 110
 Black Elster River, 257; Valley of, 103
 Black Forest, 11, 82, 163, 241, 248; railway, 251
 Black Sea, 1, 7, 78, 116, 210, 238
 Blankanese, 291
 Blink, H., 312
 Bobr River, 3, 100, 337
 Bocche di Cattaro, the, 61, 120, 339
 Bochnia, 151
 Bochum, 260
 Bogumilo, the, 233
 Bohemia, 3, 11, 12, 14, 15, 74, 130, 214; basin of, 116
 Bohemian Forest, 43, 75
 Böhm, A., 46
 Böhmer Wald, 162
 Bojana River, 112

- Boji, the, 124
 Bonn, 85, 258
 Bora, the, 117, 228, 229
 Bosnia, 62, 63, 152, 232, 233, 339
 Bosnian railway, 64
 Bourg St. Maurice, fort of, 329
 Bourtanger Moor, 105, 297
 Boyana River, 57, 232
 Boyars, 155
 Boyen, Fort, 334
 Bozen, 37, 209
 Braakman River, 308
 Brabant, 299, 307; North, 304
 Brahe River, 101, 278
 Braila, 70, 174, 238
 Brandenburg, 277, 280; electorate
 of, 145; Mark of, 101, 130, 277
 Brandy, 180
 Brazil, 230, 292
 Breisach, 332
 Breite Vierzehn depths, 110
 Bremen, 111, 295; shipping of, 296
 Bremerhaven, 295
 Brenner, the, 24, 35, 209
 Brescia, 37
 Breslau, 78, 90, 274, 277
 Brest-Litewski, 337
 Brigetio, 211, 224
 British Isles, 4, 324; merchant
 service, 238
 Brittany, 11
 Brixen, 209
 Brocken, the, 87
 Brody, 219
 Bromberg, 278; Canal, 101
 Brückner, Edward, 46
 Bruges, 307, 308
 Brünn, 216
 Brunnen, 28
 Brunig railway, 28
 Brunsbüttel, 314
 Brunswick, 87, 264
 Brussels, 307
 Bucharest, 116, 339
 Bückeberg, the, 263
 Buckwheat, 170
 Bucsecs, 48
 Budapest, 174, 225; Boring be-
 neath, 51
 Budweis, 75, 215
 Bug River, 72, 137, 218, 337, 338
 Bukowina, the, 13, 129, 217, 238
 Bulgaria, 3, 155, 235, 339; primitive
 mountains and main valleys of,
 63
- Bulgarian Tableland, 66
 Bulgarians, the, 139, 154
 Bundenerthal, 31
 Burgas, 3, 67; Bay of, 68, 236
 Burgundy, Dukes of, 298, 307
 Burgundy, Gate of, 82, 249
 Butjadingen, 107
 Byelashnitsa Mountain, 63
 Byzantine Empire, 139
 Byzantium, 237
 Bzura River, 101
- CANNSTADT, 246
 Carinthia, 11, 38, 207
 Carlsbad, Springs of, 182
 Karlsruhe, 250, 251
 Carniola, 38, 207; Mountains of,
 22
 Carnuntum, 211, 224
 Carpathians, 2, 13, 47, 49, 50, 90,
 102, 117, 221, 337
 Cassel, 262
 Cattaro, 231, 340
 Cattle, 166, 168
 Caucasus, 66
 Cereals, 170
 Cettinje, 120
 Cevennes Mountains, 11
 Chambéry, 26
 Chamouni, 32
 Charlemagne, 130, 143, 261, 265,
 291, 316
 Charleroi, 86, 306
 Charles the Bold, 144, 299; the
 First, 157; the Fifth, 144, 299,
 310; the Sixth, 230
 Charlottenburg, 277, 282; technical
 college at, 282
 Château Salins, 255
 Chatti, the, 261
 Chavanne, J., 202
 Cheese, 168
 Chemical works, 195
 Chemnitz, 77, 270, 271
 Cherso, 60
 Cherusci, the, 261
 Chiers, Valley of, 86
 China, 230
 Christ, H., 46
 Chur, 23, 31, 33, 206
 Cimbri, the, 125
 Cimbrian Peninsula, 99
 Cisleithania, 151
 Coal, 187, 194, 196
 Coblenz, 85, 162, 258

- Cologne, 114, 174, 258, 313, 332 ;
 lowland bay of, 85
 Como, Lake, 19
 Congo State, 310
 Constance, 205, 242 ; Lake of, 19,
 30, 158, 242
 Constantine, 236
 Constantinople, 212
 Constanza, 237
 Copenhagen, 288, 289, 314
 Copper, 185, 198, 207
 Cosmas, 214
 Cottbus, 277
 Cotton, 199
 Courland, 98
 Cracow, 217, 218, 338 ; Republic of,
 158
 Credner, Rudolph, 111
 Crefeld, 259
 Crimea, the, 66
 Crimmitschau, 271
 Croats, the, 139
 Croatia, 152, 226, 228
 Csik Basin, 48
 Csikoshs, the, 166
 Cuba, 176
 Curische Haflf, the, 284
 Customs Union, 146, 148, 292, 293
 Cuxtrun, 100 ; Fortress of, 336
 Cuxhaven, 107, 294
 Cvijic, J., 71
 Czechs, 136
 Czenstochow, 73
 Czerna Hora, the, 48, 69
 Czernagora, 153
 Czernavoda, 237
 Czernowitz, 219

 DACHAN, Bog of, 41
 Dachstein, Lake, 40
 Dacia, 128
 Dalmatia, 62, 116, 120, 152, 228,
 340 ; fisheries of, 231
 Dalmatian Shore, 7 ; Archipelago,
 61
 Danes, the, 129 ; of Schleswig-
 Holstein, 134
 Dantzic, 93, 218, 283, 285, 333,
 336 ; Gulf of, 95, 285
 Danube River, 3, 7, 12, 34, 54, 66,
 122, 123, 129, 227, 245, 316 ;
 Canal, 213 ; and Main Canal,
 316 ; and Oder Canal, 316 ;
 basin of, 48 ; entry into Jura,
 44 ; German, 41 ; Hungarian,

- 47, 52 ; lower, 69, 313 ; middle
 lowland of, 140 ; mountain course
 of, 55
 Darmstadt, 250, 253
 Davis, W. M., 15
 Davos Landwater, 34
 Dead Mountain, 40
 Debes, 9
 Deime River, 98, 335
 Deister, the, 263 ; ridge, 88
 Deli Orman, 68
 Demeter, 180
 Demir Kapu, 67
 Dender River, 308
 Denmark, 146
 Dent du Midi, 32
 Dent de Morcles, 32
 Deveny, Gap of, 45, 47
 Dialects, High German, Low
 German, Lower Saxon, Frisian,
 Lower Franconian, Anglo-
 Saxon, Dutch, Flemish, 133 ;
 Alemannic, 132
 Diedenhofen, 331
 Diener, C., 46
 Diluvial Period, 101
 Diocletian, 231
 Dirschau, 285
 Ditmarsh, 107
 Dniester River, 47, 72, 129, 218
 Dobratsh River, 138
 Dobruja, the, 68 ; Steppes of, 238
 Dogger Bank, 111, 311
 "Dolines," 58
 Dollart, the, 108, 296 ; foundation
 of, 107
 Dolomites, 48
 Donau-Moos, 44
 Donau-Ried, 44
 Donauwörth, 44
 Doras, the, 36
 Dordrecht, 109
 Dortmund, 85, 259, 260, 315 ; and
 Ems Canal, 259
 Doubs River, 27
 Dover, Straits of, 304
 Drac, Valley of, 17
 Drave River, 38, 56, 226 ; Valley,
 19, 23
 Dresden, 272
 Drewenz River, 99
 Drin River, 57
 Droemling River, 277
 Drohobycz, 219
 Drömling, the, 103

- Drude, 202
 Duisburg, 90, 259
 Dulcigno, 153, 232
 Dümmer, Lake, 194
 Dunkerque, 2
 Durance, Valley of, 22
 Durlach, 251
 Düsseldorf, 259, 260
 Dutch language, 133
- EBENSEE, 207**
 Eberswalde Valley, 100
 Eger River, 75, 76; Valley, 215
 Egge Mountain, 88
 Egli, J. J., 8
 Eichsfeld, 268
 Eider, Valley of, 98
 Eiderstedt Peninsula, dunes of, 106
 Eifel, the, 261
 Eifel, plains of, 85; volcanoes of, 85
 Eisack, 38; Valley, 209
 Eisenerz, 207; Mountain, 187
 Ekernförde, Valley of, 98
 Elbe River, 4, 15, 75, 92, 103, 122, 256, 265, 291, 332; estuary of, 107; valley of, 100; and Trave Canal, 289
 Elberfeld, 260
 Elbing, 99, 285, 315
 Elector, the Great, 281
 Electors Palatine, Castle of, 253
 Elfert, 123
 Elster River, 267; basin, 267
 Emden, 296, 324
 Emineh, Cape, 68
 Emmerich, 301
 Ems, 258; River, 88, 296
 Emscher River, 259
 Engadine, the, 17, 22, 34
 Engelbrecht, 177, 178, 202
 England, 201, 292
 English Channel, 314
 Enns, 38, 43; River, 210
 Epinal, Fortress of, 332
 Erding, Bog of, 41
 Erfurt, 80, 269
 Erzegebirge, 14, 75, 194, 215, 266, 271; Saxon, 76
 Essen, 195, 260
 Europe, Central, advance of Romans into, 126; animal and vegetable life of, 161; climate of, 112; human industry of, 191; eastern boundary of, 1; industrial districts of, 194; mountains of, 10; block mountains and tablelands of, 72; peoples of, 124; railway systems of, 317; rainfall of, 119; Roman boundaries in, 128; sky of, 118; states of, 143; strongholds for defence of, 328; telegraphic and telephonic systems, 324; waterways of, 315
 Eutin, Lake, 99
- Feldberg, the, 248
 Ferdinand the Second, 326
 Fichtel Gebirge, 76
 Finland, 90
 Finstermung, 35
 Fischer, Theobald, 8
 Fiume, 7, 225, 228, 230
 Fläming, 103
 Flanders, 299; dunes of, 106
 Flax, 198
 "Fleets," 292
 Flemish Banks, 110; tongue, 133
 Flevo, Lake, 108
 Flushing, 110, 304, 311
 Focsani, 339
 Fogarash, Mount, 50
 Föhn wind, 117
 Forbach, 255
 Fore, F. A., 46
 Forest Cantons, ancient valleys of, 29
 Fraas, Eberhard, 46
 France, 2, 242, 255, 328
 Francia, 130
 Franconia, 14, 80
 Franconian Forest, 79, 269; lower dialect, 133
 Frankfurt, 84, 101, 144, 174, 252, 253, 254, 278, 279, 315
 Franks, the, 129, 144, 241, 254, 258, 291
 Franzensbad, springs of, 182
 Franzensfeste, 209
 Frech, F., 15, 46
 Frederick the Second, 326; Third, 153
 Freiburg, 250, 271
 Freising, Otto von, 242
 Fréjus, Col de, 318
 French Revolution, 147, 242, 259, 310
 Fribourg, 17, 204
 Friedrichsort, 98

- Friesland, 105 ; bogs of, 105 ; marshes of, 108 ; West, 300
 Frische Haff, 94, 285, 334
 Frische Nehrung, 94
 Frisian dialect, 133
 Friuli, Romansh valleys of, 128
 Fulda River, 262
 Fünfkirchen, 226
 Fürstenberg, 101
 Furth, Gate of, 76
 Furtwangen, 248

 GALATZ, 70, 174, 219, 238, 339
 Galicia, 89, 129, 217
 Galton, Francis, 325
 Gap, 26
 Garda, Lake, 36
 Gaul, 125
 Genève, Mont, 24
 Geneva, 3, 205, 206 ; Lake of, 23, 30, 113, 329 ; works of, 193
 Genoa, 1
 Gera, 270
 German Admiralty Handbooks, 111 ; Confederation, 145, 148 ; Empire, boundaries of, 147 ; imports and exports of, 200 ; foreign business activities of, 201 ; shipping of, 296 ; waterways of, 314 ; high and low dialects, 132 ; Lowland (North), 15 ; Southern States, 43 ; tongue, 142
 Germani, the, 124, 125
 Germania, Roman limes of, 127 ; upper frontier of, 127
 Germanic peoples, 4
 Germans, the West, 134
 Germany, 328 ; Alpine foreland of, 242 ; Baltic provinces of, 92 ; Celtic river names in, 125 ; central and south tablelands of, 79 ; central mountains and hill country of, 256 ; easterly rivers of, 114 ; and France, buffer states between, 149 ; waterways of, 316 ; maritime position of, 7 ; North, great valleys of, 277 ; rainfall of, 22 ; plain of, 90 ; North-West, 5 ; landscape of, 104 ; ridges of, 102 ; South, 15
 Ghent, 308
 Giessen, 262, 263
 Givet, Fortress of, 86
 Gjedser, 288
 Glachau, 271
 Glacial Epoch, 91 ; Period, 15, 98
 99, 100
 Glatz, 78
 Gleiwitz, 275
 Gleinwicke, Castle of, 283
 Glogau, 102, 277, 336
 Goats, 169
 Gold, 184, 207
 "Goldene Aue," 268
 Göllnitz, 222
 Goniöndz, 337
 Gopčević, Spiridion, 240
 Goritz, Plain of, 24, 228
 Görlitz, 273
 Goslar, 262, 265
 Gotha, 90, 269
 Gotthard, folded mountains of, 13
 Göttingen, 80, 268
 Götz, W., 275
 Græco-Oriental Church, 159
 Gran, 224
 Gran Paradiso, 26
 Gran River, 53, 221
 Grape, cultivation of, 115
 Graudenz, 335
 Gravosa, 62 ; Bay of, 231
 Grätz, 38, 210
 Great Privilege, the, 299
 Greek Merchant Service, 238
 Greiz, 270
 Greiswalder Bodden, 93
 Grisebach, 202
 Grisons, 17, 204, 207 ; ancient valleys of, 34 ; Romansh valleys of, 128
 Groningen, 105
 Gross-Glockner, 35
 Grosswardein, 129, 223
 Guelders, North, 301
 Guicciardini, 310
 Gulliver, 213
 Guthe, H., 297
 Gyalar, 187

 HAARLEM, 301
 Haarlemer Meer, 108
 Habsburg Empire, 225 ; Habsburgs, the, 211, 310
 Hadeln, 107
 Haff and Vistula Canal, 286
 Hagen, 260
 Hague, the, 302 ; Fishing Convention of, 311
 Hainault, 86, 306

- Halberstadt, 265
 Halicz, 72
 Hall, 207
 Halle, 262, 265, 367
 Hallein, 207
 Hallstadt, 207
 Hallwyl, Lake, 29
 Halstatt, Lake, 40
 Hamburg, 111, 120, 264, 277, 291, 292, 293, 294; shipping of, 296
 Hameln, 315
 Hamm, 259; W., 202
 Hanan, 242, 254
 Hann, J., 123
 Hanover, 88, 103, 263
 Hanseatic League, 131, 132, 144, 265, 288, 292, 303
 Hanse Towns, 252
 Harburg, 291, 294
 Hardt Mountains, 83
 Haromsek Basin, 48
 Hartz Mountains, 11, 79, 87, 264, 265, 268
 Hassert, K., 71
 Hauer, F. von, 88
 Hausruck, the, 42, 208
 Havel, River, 100, 280; Lakes of, 283; Lower, 101
 Havelberg, 278
 Havelland, the, 101
 Hawaii, 176
 Hegau, 81
 Heidelberg, 250
 Heilbronn, 246, 315
 Heim, Albert, 8, 45
 Hela, Peninsula of, 95
 Helder, 303, 331
 Heligoland, 89, 103, 332
 Helvetian Republic, 147
 Hemp, 198
 Henry the Lion, 144, 263
 Hercules' Bath, 221
 Hermann Monument, 262
 Hermannstadt, 222
 Hermsburg, 120
 Hernad, 47; Valley, 218
 Herodotus, 66
 Herzegovina, 62, 112, 152, 153, 232, 339
 Hesperides, 24
 Hesse, 15, 80, 262; Grand Duchy of, 242; Upper, 242
 Heuscheuer, the, 77; Gebirge, 78
 Hildesheim, 265
 Hochfeld, 259
 Hoch Obir Observatory, 25
 Hochstellen, F. von, 71
 Hof, 270
 Hohen Tauern, 35, 209
 Hohentwiel, 82
 Hohenzollern Electors, 281; Principality of, 242
 Hohe Rhön, the, 262
 Holland, 105, 107, 299, 300; defences of, 330; Hook of, 109, 311; imports and exports of, 200; North Canal, 303; sea traffic of, 7; waterways of, 314
 Hollandsh Deep, 109
 Holstein, 146; Förden of, 97
 Homberg, 257
 Homer, 166
 Hond River, 309
 Hops, 177
 Horses, 166
 Hortobagy, Pusta of, 166
 Hospodars, 155, 239
 Hungary, 7, 48, 115, 141, 221; people of, 140; plain of, 5, 13, 19, 53, 116, 120, 222; sand dunes of, 54; Southern, 132; Upper, valley formations, 50; wines of, 51
 Huns, the, 140
 IBAR Valley, 63
 Ice Age, 93; on easterly rivers of Germany, 114
 Idria, 207
 Iglau, 216
 Ij Here, 302
 Ij, Lake of, 108; River, 302
 Ijmuiden, Fort of, 330
 Ill River, 249
 Iller River, 43, 122
 Illyria, underground drainage of, 61
 Illyrian chains, 57
 Illyrians, the, 2
 Incas, the, 171
 India, 198, 230
 Ingolstadt, 44; Fortress of, 332
 Inn River, 34, 35, 38, 43; Valley of, 22
 Innsbruck, 209
 Instert River, 98
 Interlaken, 30
 Iron, 186; Gates, 7, 47, 55; ore, 198; trade, 195
 Isar River, 41, 193, 243
 Ischl, 207

- Isère, Valley of, 17
 Iser Gebirge, 215
 Iserlohn, 259, 260
 Isker River, 65, 66, 68
 Isonzo River, 57
 Istein, 332
 Istria, 116, 228
 Ivangorod, 337
 Ivan Pass, 62
 Ixelles, 307

 JABLUNKA Pass, 47, 137, 151, 217
 Jade Bay, 107, 108, 296
 Jagello, 149
 Jägerndorf, 217
 Japan, 230
 Jasmund Island, 96
 Jassy, 239
 Jaufen, the, 209
 Jena, 269
 Jews, 142
 Jirecěk, Constantine, 240
 Joux, Lac du, 27
 Jura, the, 3, 27, 72, 80; Passes, 329;
 Swabian, 81
 Jute, 199
 Jutland, 3, 93; dunes of, 106

 KAHLENBERG, 44
 Kaiserslauten, 83
 Kaiserstuhl, the, 250
 Kaiser Wilhelm Canal, 107, 314
 Kalusz, 219
 Kamtshik River, 67
 Kanitz, 240
 Karlsruhe, 83
 Karlstadt, 38, 56
 "Karren," the, 39, 58
 Karst, the, 38, 57, 59, 116, 117,
 227, 228
 Kaschau, 222
 Katwijk, 301
 Katzenbuckel, the, 83
 Kazanlik, 67
 Kehdirgen, 107
 Keilhack, K., 88, 91, 111
 Kelheim, 127
 Kempen, 102
 Kerka River, 61
 Kiel, 98, 129, 289, 314, 333
 Kielce, 73
 Kiepert, 9
 Kiev, 218, 219, 338
 Kilia River, 70
 Kimpolung, 162

 Kinzig, Valley, 251
 Kirchhoff, A., 8, 142, 275
 Klagenfurt, 209; basin, 38
 Klausenburg, 227
 Kloster Neuberg, 44
 Klosters, 34
 Knes, 154
 Kohl, F. G., 220, 213
 Kölln-Berlin, 281
 Komorn, 224, 225
 Königsberg, 284, 285, 315, 333, 334,
 336; sea canal, 284
 Königsee, Lake, 40
 Königshütte, 275
 Königstein, virgin fortress of, 77
 Kosel, 103, 274, 294, 315
 Köstendil, 64
 Kottbus, 135
 Kovno, 334
 Krauske, Mary, 322
 Kremnitz, 222
 Kronstadt, 48, 222
 Krupp steel works, 195
 Kulmerland, the, 135
 Kulpa River, 56
 Kumania, 53
 Kunkels Pass, 33
 Kurische Haff, 94
 Kurische Nehrung, 94
 Kusa, Alexander, 157

 LAACH, Lake, 86
 Lace industry, 197
 La Chaux de Fonds, 206
 Lahn River, 85, 258, 262
 Laibach, 20, 209; basin, 38
 Landeshut, 78
 Landeskrone, 273
 Landquart, 34
 Landguard, 35
 Lauffen Rapids, 193
 Lausanne, 206
 Lauvers Zee, 108
 Lead, 195, 207
 Lebanon, 198
 Lech River, 43, 193, 243
 Lechfeld, the, 243
 Legrad, 56
 Lehesten, 269
 Lehmann, Paul, 8; R., 275
 Leine River, 88, 264; Valley of, 80
 Leipzig, 90, 266, 267; battlefield of,
 341; lowland bay of, 279; fair,
 267; University of, 267
 Leitha, 45

- Leitmeritz, 75
 Lek River, 109
 Lemán, Lake, 205
 Lemberg, 137, 219
 Lenczyce, 101
 Lenz, Heath of, 33
 Leoben, 208
 Lepsius, Richard, 9, 88
 Levantine Merchant Service, 238
 Leyden, 302
 Libau, 93, 283
 Liège, 85, 305, 306, 307, 330 ;
 Bishopric of, 148
 Liegnitz, 273
 Lignite, 208
 Liguria, Gulf of, 210
 Ligurian Sea, 72
 Limburg, 307
 Limmát, the, 28
 Linden, 264
 Linz, 44, 75, 210
 Lippe River, 88
 Lisbon, 281
 Lissa, Island of, 340
 Lithuania, 100
 Lithuanians, the, 134
 Lombard Lakes, 33
 Lombardy, 36
 Lom Palanka, 66
 London, 212, 281
 Lorch, 127
 Lorelei, 85
 Lorraine, 3, 83, 146, 242, 255 ; con-
 quest of, 242
 Lotharingia, 298
 Lötschen Pass, 206
 Louis the Fourteenth, 145, 250
 Louisiana, 176
 Lowerz, Lake, 28
 Lubbock, Sir J., 46
 Lübeck, 93, 264, 288, 289, 292
 Lucerne, 206 ; Lake of, 24, 29, 30,
 31
 Luciensteig, Fortress of, 329
 Ludovic Canal, 81, 316
 Ludwigsburg, 246
 Ludwigshafen, 252
 Lugau, 271
 Lugano, Lake, 19, 36, 207
 Lukmanier Pass, 32
 Lüneburg, 103 ; Heath, 103, 104,
 277
 Lunéville, 331
 Lusatia, 15, 215, 273
 Lussin, 60 ; Piccolo, 113
 Luxemburg, 83, 148, 256 ; Grand
 Duchy of, 148
 Lyons, 21
 Lys River, 308

 MAARS, the, 86
 Maas River, 109
 Maaseyk, 148
 Macedonia, 63, 237 ; Empire of,
 236 ; Mountains of, 65
 Macugnaga, 32
 Maestricht, 257, 301
 Magdeburg, 264, 265 ; Arch-
 bishopric of, 266
 Maggiore, Lake, 19
 Magyars, the, 4, 128, 138, 140, 152,
 226
 Mahomedans, the, 152, 233
 Main River, 79, 85, 126, 241, 245,
 247
 Maize, 115, 171
 Malapane River, 257, 277
 Maloggia Pass, 34
 Mandra, Mount, 50
 Manicheans, the, 233
 Mannheim, 84, 174, 252
 Mansfeld, 87, 268
 Marburg, 262, 263
 March River, 47, 74 ; Valley, 211
 Marcus Aurelius, 3
 Margraves, the, 251, 277
 Maria Theresa, 266
 Marienbad, Springs of, 182
 Marienburg, 285
 Maritza River, 64, 65, 236
 Mark, the, 280, 281, 282
 Marmarosh River, 129
 Marne River, 82 ; and Rhine
 Canal, 257
 Marosh River, 48, 55, 222
 Marseilles, 212
 Martigny, 31
 Massalia, 3, 211
 Masuria, 98, 135, 284, 297, 334
 Matlekovitz, A. von, 277
 Maxan, 251
 Mayence, 82, 83, 84, 252, 253, 332
 Mecklenburg, 99, 130, 287 ; Lakes
 of, 99
 Mediterranean, 1, 2 ; vegetation, 24
 Meerane, 271
 Meissen, 271 ; Mark of, 130
 Melk, 42
 Mellingen, 30
 Melnik, 75, 215

- Memel, 3, 93, 94, 111, 284, 334
 Mendelssohn, 8
 Mera, 34
 Meran, 37, 209; Valley of, 24
 Merwede Canal, 303; River, 109
 Metkovits, 62, 313
 Metz, 83, 255, 327; bishopric of, 235; fortress of, 331; hills of, 83
 Meuse River, 3, 109; Valley, 85, 305
 Meyer, Hans, 142
 Mezières, 86
 Middelburg, 304
 Middle Ages, 145, 183, 205, 211, 216, 229, 242, 243, 250, 253, 265, 283, 308, 309
 Milan, 33, 259
 Minden, 88, 263
 Mineral products, 180
 Miskolcz, 223
 Mitrovitza, 64, 234
 Mittel Gebirge, 2, 89, 90, 193
 Möen, 97
 Mogontiacum, 249
 Mojsisovic, E. von, 46, 71
 Moldau River, 48, 74, 75, 238
 Moldavia, 155
 Mons, 306
 Mont Blanc, 25, 26, 32
 Mont Cenis, 318
 Mont Credo, 27
 Monte Rosa, 26, 32
 Monte Viso, 26
 Montbéliard, 316
 Montenegrins, the, 139
 Montenegro, 62, 153, 232, 339; Highlands of, 57, 62
 Morava River, 65, 235; Valley, 63, 64
 Moravia, 13, 74; Southern, 130
 Moravian Gap or Gate, 13, 79, 89, 90, 211; Ostrau, 216; Plain, 47
 Moschin, 101
 Moscow, 212, 281
 Moselle River, 3, 12, 83, 85
 Mostar, 112, 232, 339
 Mottlau River, 286
 Mounier, Mount, 25
 Mühlheim, 259, 260
 Mülhausen, 250, 316
 Müllenhoff, 142
 München-Gladbach, 259
 Munich, 41, 43, 112, 193, 243, 323
 Munkacs, 165
 Muotta River, 28
 Mur River, 36, 210; Valley, 23, 210
 Mürz River, 210
 Myslowitz, 275, 634
 NAAB River, 74
 Nagy, Hagymash, 48
 Namalossa, 339
 Namur, 86, 305, 330
 Nancz, 331
 Naples, 140
 Napoleon, 143, 145, 203, 230, 231, 337
 Napoleonic Wars, 167
 Narenta River, 233, 313; Valley, 62
 Narew River, 3, 99, 100, 337
 Nationalities, diagram of, 141
 Naumburg, 268
 Nauportus, 210
 Neckar River, 79, 241, 245, 252; falls of, 193
 Neisse River, 78; Valley, 273
 Ner River, 101
 Nethe River, 330
 Netherlands, 92, 109, 147, 298, 327; Habsburg, 148
 Netze River, 3, 100, 278; Valley, 102
 Neuchatel, 206
 Neuenburg, 30
 Neufähr, 285
 Neufährwasser, 93, 285
 Neumarkt, Pass of, 210
 Neumayr, M., 15
 Neusatz, 226
 Neuss, 261
 Neustadt, Gulf of, 97
 Neutra River, 53
 Neuwerk Island, 107
 Nied River, 83
 Niemen River, 3, 94, 283
 Nimeguen, 301
 Nissa, 65, 138, 235
 Noë, 45
 Nogat River, 285
 Nordhausen, 268
 Nordlingen, 81
 "Noric blade," 207
 North German Lloyd Steamship Company, 295
 North Sea, 78, 110, 114, 314; and Baltic Canal, 289, 303, 332; fisheries, 311; lowlands of, 104, 110
 Novi Bazar, 234

- Novo Georgiewsk, 337
 Nürnberg, 81, 247
 Nyir, 53

 OBERLAND Canal, 285
 Ober-Wiesenthal, 271
 Obra River, 101, 278
 Odenwald, the, 80, 83
 Oder River, 47, 92, 95, 100, 101, 273, 279, 336; swamp, 102
 Oderberg, 99, 100, 217
 Odessa, 1, 219, 281
 Oelsnitz, 271
 Ofen, 225
 Offenbach, 254
 Ohre River, 103
 Oil-Springs, 190
 Oisans, the, 26
 Okhotsk, Sea of, 161
 Olbia, 3, 211
 Olmütz, 216
 Oppenheim, 84
 Orbe, the, 27
 Orkhanie, 67
 Orkney Islands, 111
 Orshova, 56, 193
 Ortler, 35
 Osma River, 68
 Osnabrück, 88, 263
 Ostend, 3, 311
 Osterwald, the, 263
 Ostmark, the, 130, 211
 Otto the Great, 140
 Ottoman Empire, 152
 Ovid, 68
 Ozokerit, 190

 PAGO, 60
 Palatinate, the, 74, 241
 Pannonia, 224
 Papenburg, 105
 Paris, 281; congress of, 156
 Partsch, J., 275
 Pas de Calais, 110
 Passau, 43, 44, 241
 Pax, Ferdinand, 56
 Penck, A., 8, 15, 46, 213
 Peschel, O., 202
 Peters, K., 71
 Peterwardein, 226
 Petroshehy Valley, 50
 Pfander, the, 18
 Pfeffers, 33
 Pforzheim, 248
 Phanariot Greeks, 156

 Philip the Second, 299
 Philippines, 176
 Philippopolis, 65, 155, 236
 Phosphorus, 186
 Piedmont, 19, 24, 36
 Pig-iron, 186, 198
 Pigs, 168
 Pillau, 1, 94
 Pillauer Deep, 334
 Pilsen, 76, 215; coal-beds of, 74
 Pinzgau, 40
 Pipe manufacture, 198
 Pirna, 271
 Pistyan, 221
 Pitt, William, 330
 Plansee, Lake, 40
 Platt-Deutsch dialect, 133
 Platten Sea (*see* Balaton Lake)
 Plauen, 270
 Pleisse River, 267
 Plön Lake, 99
 Plums, 179
 Po, Plain of, 24
 Podolia, 72; Plain of, 218
 Pola, 120, 230, 340
 Poland, 3, 102, 137, 149, 217, 279; Mountains of, 73
 Poles, the, 137, 151
 Polish Immigration, 136
 "Polye" Valleys, 60
 Pomerania, 3, 94, 95; Boddens of, 96; Hither, 288; Western, 287
 Pontebba, Pass of, 38
 Pontic basin, 1, 13; watershed, 37
 Pontresina, 35
 Poprad, Valley of, 50
 Porte, the, 154, 156
 Porto Rico, 176
 Portuguese discoveries, 310
 Posen, 103, 278, 279; Fortress of, 335, 336
 Potatoes, 176, 178
 Potsdam, 282, 283
 Pragmatic Sanction, the, 299
 Prague, 75, 78, 215, 294, 315
 Pregel River, 94
 Pressburg, 224
 Pripet River, 338
 Prosna River, 102
 Prussia, 130, 146; East, 94, 98, 283; shipping of, 296
 Pruth River, 47, 69, 71, 238; Valley, 73
 Przemyśl, 137, 338; Fortress of, 218
 Pusta, the, 54

- Pusterthal, 37
- QUARNERO, 120 ; River, 230
 Quedlinburg, 265
 Queis, the, 273
 Quicksilver, 207
- RAAB River, 53 ; Valley, 210
 Raduyevats, 235
 Rætia, Roman limes of, 127
 Ragatz, 33
 Ragusa, 7, 62, 113, 120, 231
 Railway systems, 317
 Rainfall, 119
 Ratisbon, 42, 244, 315
 Ratzel, F., 160
 Rauhe Alb, 241
 Raurica, colony of, 249
 Ravenstein, L., 45
 Reformation, the, 132, 145
 Regel, Fritz, 275
 Regnitz River, 81, 316
 Rehmann, 56
 Reichenhall, 208 ; brine springs of, 182
 Reichenau, 33
 Reichenberg, 215
 Remscheid, 259, 260
 Reschen Scheideck, 35
 Retyezat, Mount, 50
 Reuss, the, 28, 31
 Rhætia, frontier of, 127
 Rhætian Alps, 25
 Rheingau, the, 84, 126, 242
 Rhenish Mountains, 3
 Rhine River, 2, 3, 14, 15, 27, 31, 33, 109, 114, 123, 143, 249, 251, 256, 304, 331 ; mountains of, 79, 82, 85 ; rapids of, 193 ; upper lowland of, 82, 116, 248 ; plain of, 84 ; and Rhone Canal, 316 ; and Marne Canal, 257 ; valleys, 33, 208
 Rhodope, 236
 Rhön, the, 80
 Rhone River, 1, 13, 27, 31, 123 ; Glacier, 21 ; and Rhine Canal, 316
 Richter, Edward, 46, 240
 Rienz, 38
 Ries Valley, 127, 243
 Riesen-Gebirge, 78, 215
 Rigi, the, 18, 30
 Rila Mountain, 64
 Ringstrasse, the, 213
- Riviera, the, 113
 Rixdorf, 282
 Rodna Mountains, 49
 Rokitno, 163
 Roman Empire, 4, 126, 128, 141, 143, 154, 258 ; limes of Germania and Rætia, 127 ; roads, 66
 Romanic tongue, 255
 Romans, the, 4, 125, 126, 161, 211, 249, 258
 Rome, 230, 231, 281
 Romer, E. von, 56
 Romer, F., 15
 Rosaliengebirg, 45
 Rosengarten, 37
 Rosenheim, 208
 Rostock, 288
 Rothschilds, the, 254
 Rotterdam, 109, 163, 302, 304
 Roumania, 116, 156, 157, 239, 338 ; basin of, 45 ; loess terrace of, 69
 Roumanians, the, 128, 129
 Roumelia, 236
 Rüdersdorf, 89
 Rüdesheim, 85
 Rudolf, Crown Prince, 142, 213, 240
 Rügen, 89, 97 ; Island, 96
 Ruhla, 198, 270
 Ruhr Valley, 85
 Ruhrort, 259
 Rupel River, 308, 330
 Russia, 94, 102, 149, 150, 328
 Russian Empire, 333, 337
 Rustchuk, 339
 Ruthenians, the, 138
 Ruyter, 163
 Rye, 172
- SAALE River, 12, 79
 Saalfield, 90, 269
 Saar River, 11, 83, 257 ; Valley, 85
 Saarbrücken, 85 ; coalfield of, 257
 Sabioncello Peninsula, 62
 "Sachsengänger," 136
 St. Bernard, Great, 32 ; observatory, 25 ; Little, 32
 St. Gallen, 204, 206
 St. George River, 70
 St. Gotthard, 32, 329 ; railway, 320 ; tunnels, 319
 St. Maurice Valley, 21
 St. Petersburg, 281
 Salona, 231
 Salonica, 64, 152 ; and Belgrade railway, 64

- Salt, 183, 204
 Salzach, 38, 43
 Salzburg, 39, 207, 209
 Salzkammergut, 40; brine springs
 of, 182; salt mines of, 207
 Salzwedel, 280
 Samartian Jazyges, 140
 Sambor, 90
 Sambre River, 85
 Samland, Cape, 94; Plateau, 98
 San River, 47, 218
 San Bernardino Pass, 32, 33
 Sand dunes, Hungarian, 54
 Sandomirz, 3, 73
 Sanssouci, Castle of, 283
 Saône River, 13
 Saorgio, 24
 Sarayero, 339
 Sargans, 28
 Save River, 56, 57, 226; Valley,
 19, 23
 Saverne, Pass of, 82
 Savoy, 17, 28
 Saxe-Meiningen, 270
 Saxon, Lower, dialect, 133
 Saxons, the, 129, 143
 Saxony, 11, 12, 76, 89, 103
 Saxony, Electors of, 267
 Scandinavia, 15, 90, 92
 Scania, 97
 Schafberg, 40
 Schaffhausen, 26, 30, 205
 Schandau, 90
 Schaumburg-Lippe, 263
 Scheldt River, 110, 307, 308, 309,
 330
 Schemnitz, 222
 Schimper, 202
 Schlern, 37
 Schleswig, 92, 98, 107, 112, 146;
 Holstein, 99, 288, 290; Danes
 of, 134
 Schmöllnitz, 222
 Schneeberg, the, 69, 214
 Schneekoppe Mountain, 78
 Schober Pass, 210
 Schönborn-Buchheim, Count, 165
 Schöneberg, 282
 Schwarzenberg, Prince, 165
 Schwaz, 207
 Schweizerhall, 204
 Schwerin, 99, 288
 Schwyz, 28
 Schyn Pass, 33
 Scotch firs, 164
 Scutari, 138; Lake, 232
 Scyl River, 50
 Sebenico, 61, 231
 Sedan, 86
 Segeberg, 100
 Seged, 223
 Segedin, 55
 Seignobos, C., 160
 Seine River, 1, 6
 Semlin, 226
 Semmering, 17; Pass, 38; railway,
 210
 Sempach, Lake, 29
 Senne River, 307
 Sentis Observatory, 25
 Septimer Pass, 33
 Seraing, 306
 Serdica, 236, 237
 Sereth River, 69, 238
 Servia, 154, 233; limestone moun-
 tains of, 65; primitive mountains
 and main valleys of, 63; Church
 of, 154
 Servians, the, 139
 Seven Years' War, 149, 150
 'sGravenhage, 302
 Shar Dagh, 69
 Sheep, 169
 Shetland Islands, 111
 Shipka Pass, 67
 Shumla, 339
 Sieben-Gebirge, 85
 Sigmaringen, 81
 Silesia, 11, 12, 73, 89, 102, 103,
 130, 273; conquest of, 145; coal
 measures, 73
 Silistria, 70, 339
 Silk, 198, 199
 Silver, 184, 207
 Simplon Pass, 32; Tunnel, 318
 Sinaya, 239
 Siscia, 227
 Sissek, 56, 227
 Slavonic peoples, 129, 134; place-
 names, 130
 Slavonica, 226
 Slavs, the, 4, 138, 149, 151
 Slivnitsa, 339
 Slovaks, the, 49, 138
 Slovenes, the, 139
 Sluys, 304
 Sobieski, John, 218
 Sofia, 65, 236, 237, 339; Plain of, 65
 Solferino, battle of, 36
 Solingen, 260

- Solling, the, 80
 Solnhofen Stone, 190
 Sonneberg, 269
 Sonnblic Observatory, 25
 Sormonne, Valley of, 86
 Spain, 299
 Spalato, 7, 231
 Spandau, 101, 278, 282
 Speer, the, 18
 Sperenberg, 183
 Spessart, the, 80
 Spirding, Lake, 99
 Spires, 252
 Spitzbergen, 292
 Spizza, 232
 Splügen Pass, 19, 33
 Spree River, 101
 Spreewald, 101
 Springs, hot and mineral, 181
 Spruner-Menke, 160
 Sredna Gora, the, 236
 Stara Planina, 66
 Starnberg, Lake of, 41
 Stecknitz Canal, 289
 Steinhuder Meer Cape, 104
 Stelvio, 35
 Stephen Dushan (King), 154
 Sterzing, 209
 Stettin, 1, 93, 285, 287
 Stieler, 9
 Stockholm, 281
 Stone, 190
 Strassburg, 82, 84, 250, 251, 252, 315, 332; Fortress of, 331
 Strassfurt, 183
 Struma River, 64
 Stubben Kammer, 96
 Stuhlweissenburg, 224, 225
 Stuttgart, 246
 Styria, 207
 Sudetes, 11, 14
 Sudetic Mountains, 74, 75, 90
 Suess, E., 15, 45
 Suez Canal, 230
 Sugar, 175
 Sulina, 116, 238; River, 70; estuary of, 238
 Süntel Ridge, 88
 Supan, A., 8, 123
 Suwalki, 137
 Swabia, 28, 80, 82
 Swabians, the, 129, 144, 241, 254
 Sweden, 93, 198, 295
 Swinemunde, 93, 287
 Swiss Confederation, 144, 147, 203
 Switzerland, 13, 17, 25, 26, 203, 327; defences of, 329; imports and exports of, 200; Saxon, 77; textile industries of, 204
 Sylt, 290
 TACITUS, 124, 125
 Tagliamento, 38; Valley, 22
 Tamina, Lesser, 33
 Tarento, 140
 Tarnopol, 219
 Tarnowitz, 275
 Tartar Bazardjik, 236
 Tartars, the, 140
 Tatra, the high, 49, 221; Mountains, 50
 Taunus, the, 86
 Tavern, 37, 207
 Temesh Comitatus, 54
 Temeshvar, 129, 223
 Tenda, 24
 Teplitz, 215; springs of, 182
 Terneuzen, 308
 Ternova, 67
 Teschen, 217
 Teutoburger Wald, 88
 Teutonic Order, the, 130, 132, 144, 149, 285
 Teutons, the, 4, 125
 Texel, 108, 111
 Thames River, 6
 Thaya River, 216
 Theiss River, 47, 54
 Thionville, 255
 Thirty Years' War, 145, 167, 214
 Thorn, 218, 278, 294, 315, 335, 336; Valley, 100
 Thrace, 138
 Thuringia, 11, 14, 268
 Thuringian Forest, 14, 79, 90; porcelain trade of, 269
 Thuringians, the, 129
 Thurmberg, 99
 Thusis, 33
 Ticino, 25, 36, 207
 Tiefenkasten, 33
 Tielze, 71
 Tietze, E., 71
 Tilsit, 284, 315
 Timber, 162, 163
 Timok River, 65, 66; Valley 139
 Tin, 198
 Toblach, 37
 Törzburg Pass, 50

- Toul, Bishopric of, 255 ; Fortress of, 332
 Toula, F., 71
 Toy manufacture, 197
 Trajan, Wall of, 128
 Travemünde, 93
 Transleithania, 151
 Transylvania, 3, 48, 49, 128
 Traunstein, 208
 Trave River, 289
 Trebinye, 339
 Trencsin-Teplitz, 221
 Trentino, the, 340
 Treves, 257
 Trient, 209
 Trieste, 1, 7, 117, 139, 228, 229 ;
 -Vienna railway, 38
 Triglav, 38
 Triple Alliance, the, 340
 Tromp, 163
 Troppau, 217
 Tserkvitse, 120
 Tshwrstnitsa Mountain, 63
 Tuchel, Heath of, 99
 Tundja River, 65
 Turkish Wars, 159, 212
 Turn Severin, 55
 Turks, the, 132, 140, 153
 Tyndall, J., 46
 Tyrol, 207 ; Castle of, 24, 209,
 Southern, 25, 208 ; Romansch
 valleys of, 128

 UHLIC, V., 56
 Ulm, 43, 81, 244, 246 ; Cathedral
 of, 244 ; Fortress of, 332
 Umlauf, F., 45
 United States, sugar production of,
 176
 Ural Mountains, 102
 Uralo-Altai races, 4, 139
 Ürdingen, 174
 Uri, 207
 Urserenthal, 31, 329
 Usedom Island, 95
 Utrecht, 301

 VADJA Hunyad, 187
 Valachs, the, 128
 Valais, the, 22, 23, 31, 207
 Val d'Aosta, 32
 Valenciennes, 86
 Valteline, 35, 36
 Vand, 23
 Varangians, the, 1

 Varna, 68, 237, 339
 Vecht River, 301
 Vedretta Marmolata, 37
 Veglia, 60
 Velebit Mountains, 60, 231
 Veluwe, the, 301
 Venedæ, the, 125
 Venediger, the, 35, 69
 Venetian Alps, 25
 Venice, 37, 38, 229, 259
 Verdun, Bishopric of, 255 ; Fortress
 of, 332 ; Treaty of, 298
 Verona, 37
 Verviers, 306
 Vespasian, 127
 Via Mala, 33
 Vid River, 68
 Vienna, 38, 210, 323 ; basin of, 45 ;
 congress of, 147, 299, 303, 326 ;
 Czechs in, 136 ; Trieste railway, 38
 Vienne, 21
 Vilna, 334
 Vindobona, 211
 Vindonissa, 206
 Vineyards, 178
 Vishegrad, Castle of, 53, 224
 Vistula River, 2, 3, 47, 73, 94, 100,
 101, 218, 278, 283, 285, 337 ;
 Delta of, 286 ; and Haff Canal,
 286 ; Valley of, 284
 Vitosha, the, 64
 Vladika, the, 153
 Vladivostock, 281
 Vogel-Gebirge, 262
 Vogel, Carl, 9
 Vogelsberg, the, 80
 Vogtland, 76, 270
 Vorarlberg, the, 207, 208
 Vosges, the, 3, 82
 Vranja, 235

 WAAG River, 47, 53 ; Valley, 211, 218
 Waal River, 109
 Wagrien Peninsula, 129
 Wähler, 46
 Wahnschaffe, 111
 Waitzen, 53
 Walchensee, Lake, 40
 Walcheren, 110, 304, 309
 Waldeck, 262
 Waldenburg coal basin, 78, 273
 Wallachia, 155, 238
 Wallenstadt, Lake, 28
 Wandsbeck, 294
 Wangen, 29

- Solling, the, 80
 Solnhofen Stone, 190
 Sonneberg, 269
 Sonnblic Observatory, 25
 Sormonne, Valley of, 86
 Spain, 299
 Spalato, 7, 231
 Spandau, 101, 278, 282
 Speer, the, 18
 Sperenberg, 183
 Spessart, the, 80
 Spirding, Lake, 99
 Spires, 252
 Spitzbergen, 292
 Spizza, 232
 Splügen Pass, 19, 33
 Spree River, 101
 Spreewald, 101
 Springs, hot and mineral, 181
 Spruner-Menke, 160
 Sredna Gora, the, 236
 Stara Planina, 66
 Starnberg, Lake of, 41
 Stecknitz Canal, 289
 Steinhuder Meer Cape, 104
 Stelvio, 35
 Stephen Dushan (King), 154
 Sterzing, 209
 Stettin, 1, 93, 285, 287
 Stieler, 9
 Stockholm, 281
 Stone, 190
 Strassburg, 82, 84, 250, 251, 252, 315, 332; Fortress of, 331
 Strassfurt, 183
 Struma River, 64
 Stubben Kammer, 96
 Stuhlweissenburg, 224, 225
 Stuttgart, 246
 Styria, 207
 Sudetes, 11, 14
 Sudetic Mountains, 74, 75, 90
 Suess, E., 15, 45
 Suez Canal, 230
 Sugar, 175
 Sulina, 116, 238; River, 70; estuary of, 238
 Süntel Ridge, 88
 Supan, A., 8, 123
 Suwalki, 137
 Swabia, 28, 80, 82
 Swabians, the, 129, 144, 241, 254
 Sweden, 93, 198, 295
 Swinemunde, 93, 287
 Swiss Confederation, 144, 147, 203
 Switzerland, 13, 17, 25, 26, 203, 327; defences of, 329; imports and exports of, 200; Saxon, 77; textile industries of, 204
 Sylt, 290
 TACITUS, 124, 125
 Tagliamento, 38; Valley, 22
 Tamina, Lesser, 33
 Tarento, 140
 Tarnopol, 219
 Tarnowitz, 275
 Tartar Bazardjik, 236
 Tartars, the, 140
 Tatra, the high, 49, 221; Mount-
 tains, 50
 Taunus, the, 86
 Tavern, 37, 207
 Temesh Comitatus, 54
 Temeshvar, 129, 223
 Tenda, 24
 Teplitz, 215; springs of, 182
 Terneuzen, 308
 Ternova, 67
 Teschen, 217
 Teutoburger Wald, 88
 Teutonic Order, the, 130, 132, 144, 149, 285
 Teutons, the, 4, 125
 Texel, 108, 111
 Thames River, 6
 Thaya River, 216
 Theiss River, 47, 54
 Thionville, 255
 Thirty Years' War, 145, 167, 244
 Thorn, 218, 278, 294, 315, 335, 336; Valley, 100
 Thrace, 138
 Thuringia, 11, 14, 268
 Thuringian Forest, 14, 79, 90; porcelain trade of, 269
 Thuringians, the, 129
 Thurmberg, 99
 Thusis, 33
 Ticino, 25, 36, 207
 Tiefenkasten, 33
 Tielze, 71
 Tietze, E., 71
 Tilsit, 284, 315
 Timber, 162, 163
 Timok River, 65, 66; Valley 139
 Tin, 198
 Toblach, 37
 Törzburg Pass, 50

- Toul, Bishopric of, 255 ; Fortress of, 332
 Toul, F., 71
 Toy manufacture, 97
 Trajan, Wall of, 128
 Travemünde, 93
 Transleithania, 151
 Transylvania, 3, 48, 49, 128
 Traunstein, 208
 Trave River, 289
 Trebinye, 339
 Trencsin-Teplitz, 221
 Trentino, the, 340
 Treves, 257
 Trient, 209
 Trieste, 1, 7, 117, 139, 228, 229 ;
 -Vienna railway, 38
 Triglav, 38
 Triple Alliance, the, 340
 Tromp, 163
 Troppau, 217
 Tserkvitse, 120
 Tshwrstnitsa Mountain, 63
 Tuchel, Heath of, 99
 Tundja River, 65
 Turkish Wars, 159, 212
 Turn Severin, 55
 Turks, the, 132, 140, 153
 Tyndall, J., 46
 Tyrol, 207 ; Castle of, 24, 209,
 Southern, 25, 208 ; Romansh
 valleys of, 128

 UHLIG, V., 56
 Ulm, 43, 81, 244, 246 ; Cathedral
 of, 244 ; Fortress of, 332
 Umlauf, F., 45
 United States, sugar production of,
 176
 Ural Mountains, 102
 Uralo-Altai races, 4, 139
 Ürdingen, 174
 Uri, 207
 Urserenthal, 31, 329
 Usedom Island, 95
 Utrecht, 301

 VADJA Hunyad, 187
 Valachs, the, 128
 Valais, the, 22, 23, 31, 207
 Val d'Aosta, 32
 Valenciennes, 86
 Valteline, 35, 36
 Vand, 23
 Varangians, the, 1

 Varna, 68, 237, 339
 Vecht River, 301
 Vedretta Marmolata, 37
 Veglia, 60
 Velebit Mountains, 60, 231
 Veluwe, the, 301
 Venedæ, the, 125
 Venediger, the, 35, 69
 Venetian Alps, 25
 Venice, 37, 38, 229, 259
 Verdun, Bishopric of, 255 ; Fortress
 of, 332 ; Treaty of, 298
 Verona, 37
 Verviers, 306
 Vespasian, 127
 Via Mala, 33
 Vid River, 68
 Vienna, 38, 210, 323 ; basin of, 45 ;
 congress of, 147, 299, 303, 326 ;
 Czechs in, 136 ; Triester railway, 38
 Vienne, 21
 Vilna, 334
 Vindobona, 211
 Vindonissa, 206
 Vineyards, 178
 Vishegrad, Castle of, 53, 224
 Vistula River, 2, 3, 47, 73, 94, 100,
 101, 218, 278, 283, 285, 337 ;
 Delta of, 286 ; and Haff Canal,
 286 ; Valley of, 284
 Vitosha, the, 64
 Vladika, the, 153
 Vladivostock, 281
 Vogel-Gebirge, 262
 Vogel, Carl, 9
 Vogelsberg, the, 80
 Vogtland, 76, 270
 Vorarlberg, the, 207, 208
 Vosges, the, 3, 82
 Vrana, 235

 WAAG River, 47, 53 ; Valley, 211, 218
 Waal River, 109
 Wagrien Peninsula, 129
 Wähner, 46
 Wahnschaffe, 111
 Waitzen, 53
 Walchensee, Lake, 40
 Walcheren, 110, 304, 309
 Waldeck, 262
 Waldenburg coal basin, 78, 273
 Wallachia, 155, 238
 Wallenstadt, Lake, 28
 Wandsbeck, 294
 Wangen, 29

- Wangeroog, 108
 Warming, 202
 Warnemünde, 288
 Warsaw, 100, 278, 334, 337 ; basin
 of, 101
 Warta River, 3, 73, 100, 278 ;
 Valley, 102
 Watch-making, 197
 Water-power, 192
 Waterloo, battlefield of, 307
 Watzmann, Lake, 40
 Weaving industry, 197
 Weide River, 102
 Weimar, 269
 Wekelsdorf, 77
 Welna River, 279
 Wendish tongue, 272
 Wends, the, 135
 Werdau, 271
 Werra River, 262
 Wertach River, 243
 Wesel, 332
 Weser River, 12, 79, 88, 103, 104,
 108, 261, 263, 295, 332 ; Mountains
 of, 87
 Westerwald, the, 126 ; Plains of, 85
 Westphalia, 11
 Westphalian Gate, 88, 104
 Wetterau, the, 126
 Wetterstein Gebirge, 39
 Wheat, 170, 172, 174
 White Körösh River, 222
 Widdin, 138, 339
 Wiehen-Gebirge, 263
 Wieliczka, 151, 183, 218
 Wienerwald, the, 18, 44, 47
 Wieringen Island, 108
 Wiesbaden, 85, 113, 162, 253
 Wiese, Valley of, 248
 Wilhelmshaven, 108, 296, 332
 Wind-power, 192
 Wine, 178, 179, 181
 Winkler, Heinrich, 227
 Wire-drawing, 191
 Wiskola, 47
 Witkowitz, 216
 Witten, 260
 Wittenberg, 257, 277
 Wolfratshausen, 41
 Wollin Island, 95
 Wool, 169, 198
 Worms, 252
 Wörnitz River, 81
 Wörth, Lake, 38
 Wupper River, 260
 Wursten, 107
 Württemberg, 242
 Würzburg, 178, 247
 Wutach, Valley of, 248

 YAMBOLI, 67
 Yantra Valley, 67
 Ypres, 308
 Yumruktshal Mountain, 67
 Yverdon, 193
 Yssel River, 109, 301

 ZARA, 231 ; coast of, 60
 Zbrug River, 72
 Zealand, 304, 311
 Zeuss, 142
 Zillerthal, 35
 Zimmermann, E., 88
 Zinc, 185, 195, 207
 Zweck, A., 297
 Zoppot, 94
 Zug, Lake, 28
 Zugspitze, 39 ; Observatory, 25
 Zujovic, 71
 Zürich, 204, 206 ; Lake, 28, 30
 Zuyder Zee, 104, 107, 108, 301, 302,
 303, 311
 Zweibrücken, 83
 Zwickau, 77, 270, 271