

# CONTENTS

<b>List of Figures</b> . . . . .	IX
<b>List of Tables</b> . . . . .	XI
<b>List of Photographs</b> . . . . .	XII
<b>Foreword</b> . . . . .	XIV
<b>Preface</b> . . . . .	XVI
<b>Part One: Geographical and Historical Background</b> . . . . .	1–59
1 Geographical Location and Boundaries . . . . .	1
2 Topographical and Morphological Features . . . . .	4
3 Place Names and Their Transcription . . . . .	8
4 Provincial Boundaries . . . . .	12
5 National, Political and Cultural History . . . . .	16
Neolithic age 16, Dolmens 18, Tan-gun and Kija 20, Influence from Manchuria China 20, Chosŏn 22, Lolang 22, The Three Hans 24, The Three Kingdoms 25, Unified Shilla 28, Koryŏ 29, Chosŏn dynasty 30, Isolation period 31, First decade after the opening of the country 34	
6 History of Discovery and Exploration . . . . .	37
Geographical works by Koreans 37, Arab traders 39, Rubruck and Polo 40, First reports by missionaries and first European maps 41, Martini, Hamel, Régis 42, Last century of the isolation period 43, European naval expeditions 45, Major expeditions on land 49, Russian literature 52, Japanese research 53	
7 The Author's Objectives and Travels . . . . .	56
<b>Part Two: Nature and Traditional Culture</b> . . . . .	60–191
1 Geological Structure and Surface Forms . . . . .	60
Main stratigraphical structural regions 60, Stratigraphy and tectonic history 63, Mineral deposits 65, Kotŏ's morphological concepts 67, Yukpaeksan and Nangnang plains 68, Kaema upland 70, Sea of Japan 72, Echelon pattern 72, Structural valleys 74, Meandering valleys 74, Recent eruptions 74, Pleistocene glaciation 75, Coasts 77, Weathering and erosion forms 79, Form series 79, Transport of debris 81	
2 Climate . . . . .	82
History of research 82, Climatography 83, Air masses 101, Annual cycle 106, Climatic boundaries 111, Classification 114	
3 Rivers and Seas . . . . .	115
River systems 115, Water balance 117, Floods 118, Navigability 120, Freezing of rivers 120, Tidal range 121, Ocean currents 124, Salinity and temperatures 124, Color of the sea 126, History of research 126	
4 Flora . . . . .	127
Growing season 127, Floristics 128, Plant formations 133, Autumn foliage 135, Red pine forests 136, Plant communities 136, Classification of the summergreen mixed forest 137, Coniferous forests and subalpine zone 138, Semispontaneous formations 139, Population and vegetation 141	

<b>5 Fauna</b> . . . . .	142
Zoogeography 142, Forest fauna 143, Shrubland fauna 145, Animals associated with man's habitation 146, Coastal fauna 147, Migratory birds 147, Population and wildlife 148	
<b>6 The Anthropogeographical Character of Ancient Korea</b> . . . . .	149
Race 149, Population development 151, Diseases related to climate 151, Mentality 152, Clothing 153, Civil year 155, House types 156, Pavilions 159, Village types 160, Permanent settlement 160, Fire-field farming 161, Cities 162, Fortifications 162, Religion and landscape 163, Agriculture 169, Cultivated trees and shrubs 184, Types of agriculture 186, Animal husbandry 186, Skilled trades 188, Mining 189, Commerce 189, Transportation 190	
 <b>Part Three: The Korean Regions</b> . . . . .	 192-379
<b>The Principles Behind the Regionalization of Korea</b> . . . . .	192
<b>1 The North Korean Japan Sea Borderland</b> . . . . .	196
Boundaries 196, Rivers 196, Landforms 197, Climate 198, Vegetation 199, Agriculture 200, Fishing 201, Development of hydroelectric power 202, Transportation 202, Recent upswing 203, Settlement 204 – Hoeryŏng–Unggi section 205, Unggi, Najin, Ch'ŏngjin, Nanam 206, Kilchu–Myŏngch'ŏn section 210, Southwestern half 213	
<b>2 The Kaema Upland</b> . . . . .	215
Main physiographical features 215, Hamgyŏng Range 218, Side ridges 219, Special climate 220, Vegetation 223, Fire-field farming 226, Forestry 229, Permanent cultivation and sedentary settlements 230, Cities 233	
<b>3 The Paektusan Area</b> . . . . .	243
Structure and landforms 234, Climate 237, Forests on the basaltic plateau 238, Fauna 239, Settlement 239, Central mountain ring 240	
<b>4 The Yalu and the P'yŏngbuk Region</b> . . . . .	244
Boundaries of the P'yŏngbuk region 244 – Yalu: meanders 244, Bars created by aggradation 244, Three segments 246, Rafting 247, Boundary character 247, Overland transportation 247, Settlements 247, Navigation 248, Description of the segments 249 – P'yŏngbuk region: landforms 251, Climate 252, Vegetation 254, Economy 255, Transportation and settlements 258	
<b>5 The Taedong Basin</b> . . . . .	259
Location and size 259, Taedonggang 260, Geological structure 261, Relief 261, Climate 263, Vegetation 263, Economy 266, P'yŏng-yang 268, Chinnamp'o 270, Settlements and population density 270	
<b>6 The Hwanghae Peninsula</b> . . . . .	271
Boundaries 271, Morphological features 271, Climate 273, Shrub formations 274, Agriculture 275, Fishing 276, Mining 276 – Region of Koksan and Shin-gye 276, Kaesŏng 277, Ch'ŏnmasan 278, Haeju 279, Northern ranges 279, Northwestern part 280, Southwestern sector 281, Paengnyŏng islands 282	
<b>7 The Kyŏnggi Region and the Capital, Seoul</b> . . . . .	282
Area 282, Han-gang system 283, Landforms 285, Coastal fringe 286, Climate 287, Vegetation 288, Agriculture 289, Population 290 – Seoul 290, Inch'ŏn 297	
<b>8 The Upper Han-gang Region</b> . . . . .	298
Location 298, Geological structure 299, Ch'ugaryŏng furrow 300, Other structural valleys 301, Climate 302, Economy 303, Disadvantageous location 304, Ch'unch'ŏn 304	
<b>9 The Wonsan Area</b> . . . . .	305
Yŏnghŭngman 305, Wonsan 306, Rock and relief zones 306, Economy 307, Climate 308	

10 The T'aebaek Range, Including Kŭmgangsŏn . . . . .	309
Area 309, Landforms 310, Coast 313, Climate 314, Vegetation 315, Settlement 317, Economy 317, Transportation 318 – Kŭmgangsŏn 318	
11 Ullŭngdo . . . . .	325
Insular peculiarities 325, History 326, Volcanic nature 327, Insular climate 327, Endemism 327, Culture 328	
12 The Naktong Basin . . . . .	329
Overview 329, Naktonggang 330, Relief 330, Destruction of forests 331, Climate 332, Vegetation 332, Economy 334, Transportation 335, Population density 336, Northwestern part 336, Southern end of the T'aebaek Range 336, Central part 337, Basin around Taegu 337, Kyŏngju 338, Changgi 338, Southern part 340, Pusan 341	
13 Sobaek Range, Including Chirisan . . . . .	342
Overview 342, Sections 343, Climate 343, Economy 344, Vegetation 345 – Chirisan 346	
14 The Ch'ungch'ŏng–Chŏlla Region . . . . .	350
Boundaries 350, Rivers 350, Relief 350, Coast and islands 351, Climate 352, Vegetation 352, Economy 354, Transportation 356, Population density 356 – Northeastern part 356, T'ae'an Peninsula 357, Ch'aryŏng Ridge 357, Central part 358, Kusan 359, Rice paddy plains 359, Noryŏng Ridge 361, Maisan 361, Kwangju 362	
15 The Southern Coast Borderland . . . . .	362
Overview 362, Structure and forms 365, Tidal range and mud flats 366, Climate 367, Evergreen vegetation 369, Economy, ports 370, Population density 373	
16 Chejudo . . . . .	373
Shape 373, History 373, Relief 374, Climate 375, Vegetation 376, Pastures and fields 377, Fishing 378, Population 378, Transportation 379	
<b>Part Four: Korea as a Japanese Foreign Possession . . . . .</b>	<b>380–492</b>
1 Background and History of Japanese Influence . . . . .	380
Attitude of the Koreans 380, Attitude of the Japanese 381, Strategic, economic and national viewpoints 382, History of Japanese influence 385	
2 The Japanese Population Element . . . . .	387
Number of Japanese 387, Employment structure 388, Distribution within the country 389, Settlement 391, Shintō 391	
3 Development and Distribution of Population . . . . .	392
Growth of the Korean population 392, Foreigners 393, Internal migration 393, Emigration 394, Koreans living abroad 395, Population distribution 395, Relationship to agricultural intensity 396	
4 The Fields . . . . .	398
Tenancy and landownership 399, Attitude 399, Japanese landownership 400, Government measures 402, Japanese agricultural research 402, Results 403, Landuse 403, Paddies 406, Permanent dry fields 416, Sericulture 423, Fruit growing 424, Animal husbandry 424, Classification of agricultural regions 426	
5 The Forests . . . . .	427
Condition of the areas supervised by the forestry authorities 427, Forestry policies 428, Reforestation 429, Fire-field farmers 431, Lumbering 432	
6 The Fishing Grounds . . . . .	433
Oceanographical conditions in the Korean seas 433, Warm-water fauna 434, Cold-water fauna 438, Japanese measures 438, Fishing vessels 439, Catch 440, Structure of the catch 440, Sardine catch 441, Regionalization of the fish grounds 442, Cultivation of marine organisms 444, River fishing 444, Production of sea salt 444	

7 Mining and Industry . . . . .	445
History of mining 445, Overview 446, The individual branches 446, International position 449 – Development of industry 449, Japanese initiative 450, Development of hydroelectric power 451, The individual branches 451, Distribution 453	
8 The Settlements . . . . .	453
Development of villages 453, Classification of cities according to growth rates 454, Geographical location of cities 456, Economic and political function 456, Japanese planning 456, Japanese buildings 457, Classification of types of cities developed by the Japanese 458	
9 Traffic Routes and Transportation . . . . .	460
Overview 460, Roads 461, Railroads 464, International ports 467, River shipping 471, Air traffic 471, Communications 471	
10 Foreign Trade . . . . .	472
History 472, Trade with Japan and foreign countries 473, Exporting and importing countries 474, Types of goods 474	
11 Korea as a Part of Greater Japan . . . . .	478
Location within Greater Japan 478, Strategic role 479, Role in transportation 479, Role in settlement 479, Economic role 480 – Korea as a conmaritime colony 482, Domination colony 483, Economic colony 483, Assimilation colony 484	
12 Résumé: Essence and Change in Korea's Geographical Character . . . . .	484
Continental–maritime regional change 484, Korea as a cultural geographical unit 486, Change in a west–easterly direction 486, Peripheral–central change 487 – Structural change under Japanese influence 488, Seasonal change 490 – Korea's geographical individuality 492	
<b>Photographs . . . . .</b>	<b>497</b>
<b>Bibliography . . . . .</b>	<b>519</b>
<b>Index of Topics . . . . .</b>	<b>556</b>
<b>Index of Persons . . . . .</b>	<b>562</b>
<b>Index of Place Names . . . . .</b>	<b>565</b>
 <b>Map of Korea (to be found in a pocket attached to the back cover)</b>	