

	PAGE
CHARACTERISTICS OF THE GLACIERS OF THE HIGH SIERRA	41
Névé. — Crevasses. — Lamination or ribboned structure. — Dirt bands. — Glacier tables. — Ice pyramids. — Moraines. — Glaciated surfaces and scratched stones. — Glacier movements. — Glacier mud. — Ice tongues or devil's slides. — Red snow. — Surface melting.	
PIONEER EXPLORATIONS IN THE HIGH SIERRA	40
John Muir. — Joseph Le Conte. — Geological Survey of California. — J. D. Whitney. — Clarence King. — Conditions favoring observations.	
ANCIENT GLACIERS	52
CHAPTER IV.	
GLACIERS OF NORTHERN CALIFORNIA AND THE CASCADE MOUNTAINS	55
Volcanoes of the Pacific coast.	
MOUNT SHASTA	55
Observations by Clarence King. — Observations by Gilbert Thompson.	
MOUNT RAINIER (TACOMA)	62
Glaciers in the United States first reported by A. V. Kautz. — Observations by S. F. Emmons. — Recent ascents.	
MOUNT HOOD	67
Observations by A. Wood. — Observations by Arnold Hague.	
MOUNT BAKER	69
Observations by E. T. Colman, J. S. Diller, and J. S. Newberry.	
CHAPTER V.	
GLACIERS OF CANADA	71
Subdivision of the Cordilleras. — Glaciers of the Selkirk mountains. — Observations by W. S. Green. — Illecillewaet glacier. — Glacier of the Stikine River region. — Glaciers of Northwestern Canada described in connection with those of Alaska.	
CHAPTER VI.	
GLACIERS OF ALASKA	74
Topographic and climatic conditions favoring glaciation. — Height of Mount Logan and of Mount St. Elias. — Narratives of early voyages. — Belcher, Vancouver, and others. — Observations by W. P. Blake, G. W. Lamplugh, W. H. Dall. — Recent explorations. — Observations by C. W. Hayes.	
TIDE-WATER GLACIERS	77
Hutll glacier. — Norris glacier.	
TAKU GLACIER	78
MUIR GLACIER	80
Indian names. — Muir's exploration. — Observations by Professors Wright and Reid. — Visit by the present writer. — Glacier bay. — Thickness of the ice. — Icebergs, two hypotheses concerning. — An ancient forest beneath the ice. — Characteristics of the glacier's surface. — Dying glacier. — Recent recession. — Vancouver's observation on the former extent of glacial ice in Glacier bay.	
GLACIERS ON THE WEST SIDE OF GLACIER BAY	91
Pacific glacier. — Glacier of Dundas bay.	