# TABLE OF CONTENTS.

### CHAPTER III.

YOUNTAINS OF SOUTH AMERICA — THE BOLIVIAN TABLE-LAND — THE CHAIN OF THE ANDES — TABULAR VIEW OF THE PRINCIPAL SUMMITS IN NORTH AND SOUTH AMERICA — PHYSICAL FEATURES OF THE ANDEAN CHAIN — ITS LAKES AND VALLEYS — HEIGHT OF TABLE-LANDS — MOUNTAINS OF CENTRAL AMERICA — ROCKY MOUNTAINS OF NORTH AMERICA — THE ALLEGHANY RANGE — HUMBOLDT'S ASCENT OF CHIMBORAZO — BOUSSINGAULT'S ASCENT — GENERAL ELEVATION OF THE AMERICAN CONTINENT — INHABITED PLACES AT A REMARKABLE HEIGHT ABOVE THE SEA LEVEL,

155

vii

## CHAPTER IV.

MOUNTAINS OF ASIA—CHARACTERISTICS OF THE ASIATIC CONTINENT—TABLE OF ITS PRINCIPAL SUM-MITS—THE MOUNTAIN-KNOT, OR GROUP, IN CENTRAL ASIA—RANGE OF THE CAUCASUS— PHYSICAL FEATURES OF ASIA MINOR—SCENERY OF ARMENIA—KURDISTAN AND AZERBIJAN— MOUNTAINS OF PERSIA, SYRIA, AND HINDUSTAN—THE ALTAI BANGE DESCRIBED—THE HIMALAYA —ITS LEADING FEATURES—ASCENT OF IBI-GAMIN BY THE BROTHERS SCHLAGINTWEIT—TABLE-LAND OF TIBET AND MONGOLIA— THE ASIATIC PASSES—THE BELOR-TAGH—"THE ROOF OF THE WORLD"—IN THE NEIGHBOURHOOD OF LAKE SIR-I-KOL—EXTRAORDINARY ELE-VATION OF THE SUMMER VILLAGES OF TIBET—THE ASIATIC MOUNTAIN PASSES—MOUNT GUA-RISANKAR—MOUNT DAPSANG—GLACIERS OF THE HIMALAYAS—MOUNT ARARAT—CHAIN OF THE CAU-CASUS—MOUNT DEMAVEND,

178

# CHAPTER V.

TABLE OF THE PRINCIPAL AFRICAN SUMMITS—MOUNTAINS OF THE MOON—SNOWY MOUNTAINS UNDER THE EQUATOR—MOUNT KILIMANJARO—MOUNTAINS OF WEST AFRICA—THE ATLAS GROUP— MOUNTAINS IN THE AFRICAN ISLANDS—MOUNTAINS OF AUSTRALIA—OF TASMANIA—OF THE INDIAN ARCHIPELAGO—TABLE OF THE PRINCIPAL SUMMITS IN AUSTRALASIA AND POLYNESIA 197

#### CHAPTER VI.

VALLEYS, PASSES, AND RAVINES—DIFFERENT KINDS OF VALLEYS—VALLEY OF SUBSIDENCE—VALLEY OF UPHEAVAL—VALLEY OF SEPARATION—VALLEY OF DENUDATION—LONGITUDINAL AND TRANS-VERSAL VALLEYS—THE "THALWEO," OR VALLEY-ROAD—VALE, GORGE, AND RAVINE—A "COL" OR "PORT"—A PASS OR DEFILE—"GATES OF THE NATIONS"—THE COL DE PERTUS—THE GATES OF THE CALCASUS—THE GATES OF CILICIA—VALLEY BASINS OF GREAT RIVERS—MOUN-TAIN-VALLEYS AND VALLEY-PLAINS,

205

#### CHAPTER VIL

ALTERATION AND DESTRUCTION OF THE ROCKS-EFFECT OF ATMOSPHERIC ACTION-ON GRANITE-ON BASALT AND SANDSTONE-CAUSES OF AVALANCHES AND LANDSLIPS-THE UNDERCLIFF IN THE ISLE OF WIGHT-REMARKABLE CATASTROPHES DUE TO NATURAL FORCES-A SERIES OF NAR-RATIVES.

# CHAPTER VIII.

THE LOW LEVELS OF THE EARTH : STEPPES, PLAINS, AND DESERTS—THE LANDES OF GASCONY—DE-SCRIPTION OF THE STEPPES OF CENTRAL EUROPE AND ASIA—OF THE "TUNDRAS," OR SIBERIAN DESERTS—OF THE PAMPAS OF SOUTH AMERICA—THE SILVAS, OR BASIN OF THE AMAZONS— DESCRIPTION OF A TROPICAL FOREST—THE LLANOS, OR BASIN OF THE ORINOCO—THE NORTH AMERICAN PRAIRIES—THEIR PHYSICAL FEATURES,

221