Transportal of Bowlders—Climate and Productions of the Antarctic Islands—Preservation of frozen Carcasses—Recapitulation	263
CHAPTER XII	
Valparaiso—Excursion to the Foot of the Andes—Structure of the Land—Ascend the Bell of Quillota—Shattered Masses of Greenstone—Immense Valleys—Mines—State of Miners—Santiago—Hot-baths of Cauquenes—Gold-mines—Grinding-mills—Perforated Stones—Habits of the Puma—El Turco and Tapacolo—Humming-birds.	287
CHAPTER XIII	
Chiloe—General Aspect—Boat Excursion—Native Indians—Castro—Tame Fox—Ascend San Pedro—Chonos Archipelago—Peninsula of Tres Montes—Granitic Range—Boat-wrecked Sailors—Low's Harbor—Wild Potato—Formation of Peat—Myopotamus, Otter and Mice—Cheucau and Barking-bird—Opetiorhynchus—Singular Character of Ornithology—Petrels	310
CHAPTER XIV	
San Carlos, Chiloe—Osorno in Eruption, contemporaneously with Aconcagua and Coseguina—Ride to Cucao—Impenetrable Forests—Valdivia—Indians—Earthquake—Concepcion—Great Earthquake—Rocks Fissured—Appearance of the former Towns—The Sea Black and Boiling—Direction of the Vibrations—Stones twisted Round—Great Wave—Permanent Elevation of the Land—Area of Volcanic Phenomena—The Connection between the Elevatory and Eruptive Forces—Cause of Earthquakes—Slow Elevation of Mountain-chains	
CHAPTER XV	
Valparaiso—Portillo Pass—Sagacity of Mules—Mountain-torrents—Mines, how Discovered—Proofs of the Gradual Elevation of the Cordillera—Effect of Snow on Rocks—Geological Structure of the two Main Ranges, their Distinct Origin and Upheaval—Great Subsidence—Red Snow—Winds—Pinnacles of Snow—Dry and Clear Atmosphere—Electricity—Pampas—Zoology of the Opposite Sides of the Andes—Locusts—Great Bugs—Mendoza—Uspallata Pass—Silicified Trees Buried as they Grew—Incas Bridge—Badness of the Passes Exaggerated—Cumbre—Casuchas—Valparaiso	
CHAPTER XVI	
Coast Road to Coquimbo—Great Loads Carried by the Miners—Coquimbo—Earthquake—Step-formed Terraces—Absence of Recent Deposits—Contemporaneousness of the Tertiary Formations—Excursion up the Valley—Road to Guasco—Deserts—Valley of Copiapó—Rain and Earthquakes—Hydrophobia—The Despoblado—Indian Ruins—Probable Change of Climate—River-bed Arched by an Earthquake—Cold Gales of Wind—Noises from a Hill—Iquique—Salt Alluvium—Nitrate of Soda—Lima—Unhealthy Country—Ruins of Callao, Overthrown by an Earthquake—Recent Subsidence—Elevated Shells on San Lorenzo, their Decomposition—Plain with Imbedded Shells and Fragments of Pottery—Antiquity of the Indian Race	