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Descrizione fisica	1 online resource (22 PDFs) : illustrations, maps
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Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Note generali	"Volcano Science Center, Menlo Park, U.S. Geological Survey."
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Chapter B: Field-trip guide to subaqueous volcanoclastic facies in the Ancestral Cascades arc in southern Washington State -the Ohanapecosh Formation and Wildcat Creekbeds -- Chapter C: Field-trip guide for exploring pyroclastic density current deposits from the May 18, 1980, eruption of Mount St. Helens, Washington -- Chapter D: Field-trip guide to Mount St. Helens, Washington-an overview of the eruptive history and petrology, tephra deposits, 1980 pyroclastic density current deposits, and the crater -- Chapter F: Geologic field-trip guide of volcanoclastic sediments from snow-and-ice capped volcanoes-Mount St. Helens, Washington, and Mount Hood, Oregon -- Chapter G: Field-trip guide to Mount Hood, Oregon, highlighting eruptive history and hazards --^Chapter H: Field-trip guide to mafic volcanism of the Cascade Range in Central Oregon-a volcanic, tectonic, hydrologic, and geomorphic journey --^Chapter I: Emplacement of Holocene silicic lava flows and domes at Newberry, South Sister, and Medicine Lake volcanoes, California and Oregon -- Chapter J: Overview for geologic field-trip guides to Mount Mazama,

Crater Lake Caldera, and Newberry Volcano, Oregon -- Chapter J1: Geologic field trip guide to Mount Mazama and Crater Lake Caldera, Oregon -- Chapter J2: Field-trip guide to the geologic highlights of Newberry Volcano, Oregon -- Chapter K: Overview for geologic field-trip guides to volcanoes of the Cascades Arc in northern California -- Chapter K1: Geologic field-trip guide to Medicine Lake Volcano, northern California, including Lava Beds National Monument -- Chapter K2: Geologic field-trip guide to the Lassen segment of the Cascades Arc, northern California -- Chapter K3: Geologic field-trip guide to Mount Shasta Volcano, northern California -- Chapter L: Geologic field-trip guide to Long Valley Caldera, California -- Chapter M: Field-trip guide to a volcanic transect of the Pacific Northwest -- Chapter N: Field-trip guide to the vents, dikes, stratigraphy, and structure of the Columbia River Basalt Group, eastern Oregon and southeastern Washington -- Chapter O: Field-trip guide to Columbia River flood basalts, associated rhyolites, and diverse post-plume volcanism in eastern Oregon -- Chapter P: Geologic field-trip guide to the volcanic and hydrothermal landscape of the Yellowstone Plateau -- Chapter Q: A field-trip guide to the petrology of Quaternary volcanism on the Yellowstone Plateau -- Chapter R. Field-trip guide to continental arc to rift volcanism of the southern Rocky Mountains--southern Rocky Mountain, Taos Plateau, and Jemez Mountains volcanic fields of Southern Colorado and northern New Mexico.

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#### Sommario/riassunto

The North American Cordillera is home to a greater diversity of volcanic provinces than any comparably sized region in the world, owing to the interplay among changing plate-margin interactions, tectonic complexity, intracrustal magma differentiation, and mantle melting. Published in individual parts (Chapter B-Chapter Q), the field trips in the guide book collection links to detailed guides to areas such as Mount St. Helens and Mount Hood, featuring history, maps, photos, local information, and a road log.

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