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Titolo	Cambrian and Early Ordovician Stratigraphy and Paleontology of the Basin and Range Province, Western United States. No. T125
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ISBN	1-118-66764-6
Descrizione fisica	1 online resource (ix, 86 pages)
Collana	Field trip guidebook (International Geological Congress (28th : 1989 : Washington, D.C.)), T125
Disciplina	551.731
Soggetti	Geology, Stratigraphic - Cambrian Geology, Stratigraphic - Ordovician
Lingua di pubblicazione	Inglese
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Nota di contenuto	Introduction and background for field trip T125 / Michael E Taylor -- Geology of the Basin and Range Province, Western United States: an overview / Harry E Cook -- Day 0: early and middle Cambrian stratigraphy of Frenchman Mountain, Nevada / A R Palmer -- Day 1: early Cambrian stratigraphy and paleontology, Southern Great Basin, California-Nevada / A R Palmer, Stephen M Rowland -- Day 2: Late Cambrian and early Ordovician stratigraphy, biostratigraphy and depositional environments, Hot Creek Range, Nevada / Harry E Cook, Michael E Taylor, James F Miller -- Day 3: Late Cambrian and early Ordovician biostratigraphy and depositional environments of the Whipple Cave formation and House limestone, Central Egan Range, Nevada / Michael E Taylor, Harry E Cook, James F Miller -- Day 4: Late Cambrian and early Ordovician stratigraphy and biostratigraphy, Southern House Range ("Ibex Area"), Utah / James F Miller, Michael E Taylor -- Days 5 and 6: Cambrian stratigraphy and paleontology of the Central House Range and Drum Mountains, Utah / Margaret N Rees, Richard A Robison -- A practical field guide for evaluating early Paleozoic ichnofabric / Mary L Droser, David J Bottjer -- References Cited.
Sommario/riassunto	Field Trip T125 of the 28th International Geological Congress will give participants a regional overview of the geology of the Basin and Range

province and an introduction to Cambrian and Early Ordovician stratigraphy and paleontology. Emphasis will be placed on regional stratigraphy, depositional environments, biofacies and lithofacies relations, biostratigraphy, trilobite mass extinctions ("biomere boundaries"), evidence for eustatic sea-level changes, paleotectonic history, and paleogeographic reconstructions. A transect will be made across a Late Cambrian and Early Ordovician passive continental margin from deep-water-carbonate submarine-fan and slope facies in central Nevada to temporally equivalent shallow-water microbial bioherms, and carbonate sand and mud facies in eastern Nevada.
