Record Nr.	UNINA9910298372003321
Autore	Bockheim James G
Titolo	Soil Geography of the USA : A Diagnostic-Horizon Approach / / by James G. Bockheim
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2014
ISBN	3-319-06668-4
Edizione	[1st ed. 2014.]
Descrizione fisica	1 online resource (338 p.)
Disciplina	631.4973
Soggetti	Physical geography
	Soil science
	Soil conservation
	Geomorphology Physical Geography
	Soil Science & Conservation
Lingua di pubblicazione	
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	Introduction Methods Anthropic and Plaggen Epipedons Melanic Epipedon Mollic Epipedon Umbric Epipedon Ochric Epipedon Histic and Folistic Epipedons Agric Horizon Albic Horizon Argillic, Kandic and Natric Horizons Calcic and Petrocalcic Horizons Cambic Horizon Duripan Horizon Fragipan Horizon Glossic Horizon Gypic and Petrogypsic Horizons Ortstein and Placic Horizons Oxic Horizon Salic Horizon Sombric Horizon Spodic Horizon Ultramafic Soils Soils with Lamellae Soils with Plinthite Summary Future of Soil Taxonomy.
Sommario/riassunto	Since 1980, our understanding of the factors and processes governing the distribution of soils on the Earth's surface has increased dramatically, as have the techniques for studying soil patterns. The approach used in this book relies on the National Resources Conservation Service databases to delineate the distribution of each of the eight diagnostic epipedons and 19 subsurface horizons, to identify the taxonomic level at which each of these horizons is used, to develop

1.

an understanding of the role of the factors and processes in their formation, and to summarize our latest understanding of their genesis. A chapter is devoted to each diagnostic horizon (or combined horizons). This book is intended to serve as a textbook in soil geography, a reference book for geographers, ecologists, and geologists, and a tool for soil instructors, landlookers, mappers, classifiers, and information technologists.