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Nota di contenuto	Front Cover; Footprints in the Soil: People and Ideas in Soil History; Copyright Page; Table of Contents; List of Contributors; Preface; Acknowledgments; Special Acknowledgment and Appreciation to Dan Yaalon; Section I: Early Understanding of Soils; Chapter 1. Soil Scientists in Ancient Rome; Introduction; Soil Terminology and Soil Concepts; Methods for Testing Soils; Suitability Descriptions; Concluding Remarks; Sources: Editions and Abbreviations; References; Chapter 2. Aztec Soil Knowledge: Classes, Management, and Ecology; Sources; Aztec Soil Descriptions: Texts and Glyphs Aztec Agricultural Soil ClassesControl of the Soil Environment; Non-agricultural Application of Aztec Soil Knowledge; Retrospect; References; Chapter 3. The Heritage of Soil Knowledge Among the World's Cultures; Introduction; Significance of Indigenous Knowledge; Approaches to Indigenous Knowledge Documentation and Evaluation; Case Studies to Illustrate the Scope of Indigenous Knowledge of Soil;

Soil Knowledge Among Cultures in Humid Tropical Lowlands; Soil Knowledge Among Cultures in Arid and Semiarid Lands; Soil Knowledge Among Cultures in Mountain Regions; Conclusions; Acknowledgments
References
Chapter 4. Some Major Scientists (Palissy, Buffon, Thaer, Darwin and Muller) Have Described Soil Profiles and Developed Soil Survey Techniques Before 1883; Abstract; Introduction; 1563,1580: The Auger and Its Use Described by Bernard Palissy; 1734: Description of Soil Horizons, Erosion and Geochemical Cycles by Georges-Louis Ledere de Buffon; 1791: William Bartram, Traveller and Observer of Soils of the United States; 1812: Mapping and Agricultural Soils Analysis by Daniel Albrecht Thaer; 1837: Pedological Profile Drawings by Charles Darwin; 1870-1877: A. Orth
1879,1884: The Natural Forms of Humus and the Birth of Pedology with the Danish Forester P.E. Muller
Conclusion; Acknowledgement; References; Chapter 5. Souls and Soils: A Survey of Worldviews; Introduction; Summary; References; Section II: Soil as a Natural Body; Chapter 6. The Roots of Dokuchaev's Scientific Contributions: Cadastral Soil Mapping and Agro-Environmental Issues; Introduction; The Scientific Societies; Maps and Cadasters; Grain Yields and Ecological Issues; Conclusion; References
Chapter 7. Philosophical Developments in Pedology in the United States: Eugene Hilgard and Milton Whitney
Introduction; The Calm Before the Storm; Stormy Skies; A Deluge Begins; "There is More to Come"; Acknowledgments; Appendix; References; Inset; Chapter 8. Development of the Soil Cover Pattern and Soil Catena Concepts; Introduction; Early Soil Surveys and Initial Accumulation of Soil Cover Pattern Data; Soil Catena Concept as a Component of a Soil Geography Paradigm; Soil Landscape Models and the Soil Cover Pattern Concept; Summary; References Cited
Chapter 9. A History of Soil Geomorphology in the United States

Sommario/riassunto

The history of science discipline is contributing valuable knowledge of the culture of soil understanding, of the conditions in society that fostered the ideas, and of why they developed in certain ways. This book is about the progressive "footprints" made by scientists in the soil. It contains chapters chosen from important topics in the development of soil science, and tells the story of the people and the exciting ideas that contributed to our present understanding of soils. Initiated by discussions within the Soil Science Society of America and the International Union of Soil Sciences, th
