1. Record Nr. UNINA9910973877603321 Autore Pyne Stephen J. <1949-> Titolo Grove Karl Gilbert: a great engine of research / / by Stephen J. Pyne Iowa City,: University of Iowa Press, c2007 Pubbl/distr/stampa **ISBN** 9781587297540 158729754X Edizione [1st ed.] Descrizione fisica 1 online resource (321 p.) Collana American land and life series Disciplina 550.92 В Soggetti Geologists - United States Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Originally published: Austin: University of Texas Press, c1980. Note generali Nota di bibliografia Includes bibliographical references (p. [269]-[295]) and index. Nota di contenuto Contents; Author's Note to the Paperback Edition; Preface and Acknowledgments; 1. In a Nutshell; The Education of a Classicist; A Clerk in the Cosmos; Of Mastodons and Mathematics: The Cohoes Potholes; Cracking the Nutshell; 2. "Astride the occidental mule": A Volunteer Assistant: "Labels written by the Creator": John Strong Newberry; "Hydrographical peculiarities"; West with Wheeler; "A systematic approach": The Geology of a Reconnaissance; The Lieutenant and the Major; 3. The Major Years; "The western fever"; By Virtue of Its Ensemble: Powell, Dutton, Gilbert "Certain allied problems in mechanics": The Henry MountainsLanguages for a New Geology: Mechanics, Mathematics, Literature: The Society of a Geologist; 4. A Great Engine of Research; The Division of the Great Basin; The Revolving Chair: Chief Geologist of the U.S.Geological Survey; The Scientist as Aristocrat: George Ferdinand Becker; Lake Bonneville; Time's Ratio: The Meaning of Geologic History; "A little daft on the subject of the moon"; The Great Basin Mess; 5. Grade; A "buried star"; The Mean Plain; The Inculcation of Scientific Method The Text for a University Science: Thomas Chrowder ChamberlinAn Elder Statesman; 6. The Inculcation of Grove Karl Gilbert; Geophysics in the Giant Forest; Gilbert the Glaciologist; Gilbert the Geophysicist;

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Sommario/riassunto

As Stephen Pyne reveals in his biography, few other scientists can match Grove Karl Gilbert's range of talents. A premier explorer of the American West who made major contributions to the cascade of new discoveries about the earth, Gilbert described two novel forms of mountain building, invented the concept of the graded stream, inaugurated modern theories of lunar origin, helped found the science of geomorphology, and added to the canon of conservation literature.