Record Nr. UNINA9910437937603321 Autore Recnik Aleksander Titolo Minerals of the mercury ore deposit Idria / / Aleksander Recnik Pubbl/distr/stampa Berlin; ; Heidelberg, : Springer, c2013 **ISBN** 3-642-31632-8 Edizione [1st ed. 2013.] Descrizione fisica 1 online resource (115 p.) Disciplina 553.454 Soggetti Mercury ores Ores Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Nota di bibliografia Includes bibliographical references. Introduction -- The History of Mining -- Geology and Formation of the Nota di contenuto Ore Deposit (UH) -- Mercury Ores -- Minerals of the Idrija Ore Deposit -- Native Mercury -- Hydrocarbons and Idrialine -- Pyrite and other Sulfide Minerals -- On the Idrija Cinnabar -- Twinning of Cinnabar --Mineralogical Expedition -- Metacinnabar and Calcite -- Dolomite and Quartz -- Silicate Minerals -- Baryte and Celestine -- Minerals of the Oxidation Zone -- Geological and Technical Heritage of Idrija (BR) --References. The present work is the first comprehensive study of mineralogy of the Sommario/riassunto world's second largest mercury mine Idria. In the first chapter the readers are acquainted with the history of mining and its relation to mineralogy. Mineralogy is explained in terms of geological processes that were active during the formation of the ore deposit. Among these, hydrocarbons present in the host rocks play a very important role during crystallization. The central part of the book is dedicated to the main mineral of the ore deposit, cinnabar. It occurs in a variety of crystal forms, of which the most special are lateral interpenetration twins. The book is written for a broad readership, and will be

interesting for geologists, mineralogist and crystallographers, as well as for those interested in the history of mineral collecting in Idria.