

1. Record Nr.	UNINA9910815702503321
Titolo	35 seasons of U.S. Antarctic meteorites (1976-2010) : a pictorial guide to the collection // Kevin Righter, editors [and three others] ; contributors, Marc W. Caffee [and seventeen others]
Pubbl/distr/stampa	Hoboken, New Jersey : , : Wiley, , 2015 ©2015
ISBN	1-118-79846-5 1-118-79847-3 1-118-79838-4
Descrizione fisica	1 online resource (318 p.)
Collana	Special Publications ; ; 68
Disciplina	523.5/107473
Soggetti	Meteorites Meteorites - Antarctica Meteorites - United States
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"This work is a copublication between the American Geophysical Union and John Wiley & Sons, Inc."
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	The origin and early history of the United States search for Antarctic meteorites (ANSMET) -- Fieldwork methods of the US Antarctic search for meteorites program -- Curation and allocation of samples in the US Antarctic meteorite collection -- Pictorial guide to selected meteorites -- Primitive asteroids : expanding the range of known primitive materials -- Achondrites and irons : products of magmatism on strongly heated asteroids -- ANSMET meteorites from the moon -- Meteorites from mars, via antarctica -- Meteorite misfits : fuzzy clues to solar system processes -- Cosmogenic nuclides in antarctic meteorites -- A statistical look at the US Antarctic meteorite collection.
Sommario/riassunto	The US Antarctic meteorite collection exists due to a cooperative program involving the National Science Foundation (NSF), the National Aeronautics and Space Administration (NASA), and the Smithsonian Institution. Since 1976, meteorites have been collected by a NSF-funded field team, shipped for curation, characterization, distribution,

and storage at NASA, and classified and stored for long term at the Smithsonian. It is the largest collection in the world with many significant samples including lunar, martian, many interesting chondrites and achondrites, and even several unusual one-of-a-
