

1. Record Nr.	UNINA9910148850703321
Autore	McColl Don
Titolo	Australia's Little Space Travellers : The Flight Shaped Tektites of Australia / / by Don McColl
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2017
Edizione	[1st ed. 2017.]
Descrizione fisica	1 online resource (XV, 64 p. 74 illus., 56 illus. in color.)
Disciplina	550
Soggetti	Earth Geology Planetary science Astrophysics Space sciences Mineralogy Ceramics Glass Composite materials Popular Earth Science Planetology Astrophysics and Astroparticles Space Sciences (including Extraterrestrial Physics, Space Exploration and Astronautics) Ceramics, Glass, Composites, Natural Materials
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Introduction and History -- Theories of Tektite Origin -- The True Origin of the Australian Tektites -- Where are Tektites Found in Australia? -- Primary Shapes of the Australian Tektites -- Flight Shaping of Australian Tektites -- The Classical Flanged Buttons -- Elongate Flanged Forms -- Miniature Flanged Forms -- Microtektites -- Hollow tektites -- Asymmetric Flanged Form.-s Fragmentation of Flanged Forms -- References.

This book provides a showcase for the incredibly well-preserved flight-textured tektites of southern Australia, which are the world's finest known examples. It provides an overview of their forms and flight features, which can be expected to appear, at least in part, on any objects falling from space. Some of these specimens are so perfectly shaped that it is hard to believe that they have been buried in the recent strata of Australia for 770,000 years. It also discusses the history of the story of their incredible flight into space and return becoming widely accepted, which led to them being recognized as space travelers. Further, it describes their classical shapes and offers an explanation of how each developed. It provides collectors, meteoriticists, and museum curators with insights into the astounding forms of Australian tektites produced by hypersonic flight.
