1. Record Nr. UNINA9910822703903321 Autore Wickramasinghe Chandra Titolo A journey with Fred Hoyle Pubbl/distr/stampa Singapore, : World Scientific Pub. Co., 2013 New Jersey:,: World Scientific,, [2013] 2013 **ISBN** 1-299-46317-7 981-4436-13-5 Edizione [2nd ed.] Descrizione fisica 1 online resource (xvii, 248 pages): illustrations Collana Gale eBooks Disciplina 520.92 520/.92 530.092 Soggetti **Astronomers** Life - Origin Cosmic dust 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 and indexes. Nota di contenuto Foreword: Foreword to First Edition: Preface to Second Edition: Contents; Prologue; Chapter 1 Origins: Prelude to the Journey; Chapter 2 Cambridge and a First Meeting; Chapter 3 A Hike in the Lake District; Chapter 4 Betwixt the Stars; Chapter 5 The Route to Carbon Dust; Chapter 6 A Theory Takes Shape; Chapter 7 The Institute of Astronomy: The Vintage Years; Chapter 8 Winds of Change; Chapter 9 The Cardiff Era; Chapter 10 The Search for Cosmic Life; Chapter 11 Life from Comets and Pathogens from Space; Chapter 12 First Signs of Life; Chapter 13 Bacterial Dust Predictions Verified Chapter 14 Life on the PlanetsChapter 15 Evolution from Space; Chapter 16 Theories of Trial; Chapter 17 A Fossil Controversy; Chapter 18 Comet Halley and its Legacy; Chapter 19 Alternative Cosmologies; Chapter 20 The Last Decade; Epilogue; Search for the Origin of Life; Cost of Heterodoxy; Astronomical Predictions: Comets and Meteorites;

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Sommario/riassunto

This is the story of the author's unique scientific journey with one of the most remarkable men of 20th century science. The journey begins in Sri Lanka, the author's native country, with his childhood acquaintance with Fred Hoyle's writings. The action then moves to Cambridge, where the famous Hoyle-Wickramasinghe collaborations begin. A research programme which was started in 1962 on the carbonaceous nature of interstellar dust leads, over the next two decades, to developments that are continued in both Cambridge and Cardiff. These developments prompt Hoyle and the author to postulate the or