1. Record Nr. UNINA9910483591203321 Autore Chetty Suryakanthie Titolo 'Africa forms the key': Alex du Toit and the history of continental drift / / Suryakanthie Chetty Cham, Switzerland:,: Palgrave Macmillan,, [2021] Pubbl/distr/stampa ©2021 **ISBN** 3-030-52711-5 Edizione [1st ed. 2021.] Descrizione fisica 1 online resource (XI, 271 p. 6 illus.) Collana Cambridge Imperial and Post-Colonial Studies, , 2635-1633 Disciplina 016.55113 Soggetti South Africa History To 1836 Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di bibliografia Includes bibliographical references and index. Nota di contenuto 1 Introduction -- 2 In the Beginning...: Geology in South Africa and the Early Years of Alex Du Toit.-3 A World in a Grain of Sand: A Brief History of Geology and the Origins of Continental Drift Theory -- 4 Bedrock: Geology and the Shaping of a Nation -- 5 On the Shoulders of Giants: Early Drift Theorists -- 6 Looking Through ... the Keyhole of Nature: Du Toit and Early Continental Drift -- 7 And Yet It Moves...: Du Toit's South American Journey -- 8 The Cradle of Humankind: A Pivotal Decade for Science in South Africa -- 9 Our Wandering Continents: Du Toit's Definitive Work, Controversy and Consensus -- 10 A Frozen History of the Past: Antarctica, Gondwana and an Unfulfilled Dream --11 The Final Years -- 12 Pale Blue Dot: Conclusions. This book examines the work of prominent South African geologist Sommario/riassunto Alex Du Toit as a means of understanding the debate around continental drift both in segregation-era South Africa and internationally. It contextualises Du Toit's work within a particularly formative period of South African science, from the paleoanthropological discoveries that sparked debates about the origins of humankind to Jan Smuts' own theory of holism. Beyond South African scientific discoveries, the book sets Du Toit's work against a backdrop of ideological struggles over space, both domestically in terms of segregation and nationalism, as well as internationally as South Africa sought to assert its position within the Commonwealth.

These debates were embodied by Du Toit's work on the theory of

continental drift, which put Africa – and South Africa – at the centre geologically and geographically. The author also focuses on the divisions in geology caused by drift theory, tracing the vigorous intellectual debate and dissent indicative of the ideological milieu within which scientific thought is constructed. It traces the history of continental drift from its inception in the nineteenth century and later work of Alfred Wegener, which was both elaborated upon and substantiated by Du Toit. The study further focuses on Du Toit's research on continental drift in South African and South America, and the geological, fossil and climatological evidence used to bolster this theory.