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Nota di contenuto	1. Introduction -- Darwinism or a Kaleidoscope of Research Programs and Ideas? -- Part I. From a Pluralistic Darwinism to an Ever More Inclusive Darwinism -- 2. Selfish Genes and Lucky Breaks: Richard Dawkins' and Stephen Jay Gould's Divergent Darwinian Agendas -- 3. The Behavioral Sciences and Sociobiology: A Darwinian Approach -- 4. Darwinism in the 20th Century: Productive Encounters with Saltation, Acquired Characteristics, and Development -- 5. Darwinism after the Modern Synthesis -- Human Evolution as a Theoretical Model for an Extended Evolutionary Synthesis -- Part II. Crossing the Boundaries: Between non-Darwinian and Darwinian -- 6. From Charles Darwin to the Evolutionary Synthesis: Weak and Diffused Connections Only -- 7. Major Research Traditions in 20th Century Evolutionary Biology: The Relations of Germany's Darwinism with Them -- 8. Alternatives to

Darwinism in the Early Twentieth Century -- 9. The Organismal Synthesis: Holistic Science and Developmental Evolution in the English-Speaking World, 1915–1954 -- 10. Lamarckian Research Programs in French Biology (1900-1970) -- 11. Molecularizing Evolutionary Biology -- 12. Cells, Development, and Evolution: Teeth Studies at the Intersection of Fields -- 13. Symbiogenesis and Cell Evolution: an Anti-Darwinian Research Agenda? -- 14. Paleobiology's Uneasy Relationship with the Darwinian Tradition: Stasis as Data.

Sommario/riassunto

It is the main goal of this volume to put in context the Darwinian tradition by raising questions such as: How should it be defined? Did it interacted with other research programs? Where there any research programs whose developments were largely conducted independently of the Darwinian tradition? Contributors to this volume explicitly reflect upon the nature of the relationship between the Darwinian tradition and other research programs running in parallel. In the wake of the Synthetic Theory of Evolution which was constituted in the 1930s, 1940s, and 1950s, historians and philosophers of biology have devoted considerable attention to the Darwinian tradition, i.e., linking Charles Darwin to mid-Twentieth-Century developments in evolutionary biology. Since then, more recent developments in evolutionary biology challenged, in part only or entirely, the heritage of the Darwinian tradition. Expectedly, this was followed by a historiographical "recalibration" by historians and philosophers towards other research programs and traditions part of evolutionary biology since Darwin's time. In order to acknowledge this shift, papers have been arranged along two main threads: Part I: The view that sees Darwinism as either originally pluralistic or acquiring such a pluralism through modifications and borrowings over time. Part II: The view blurring the boundaries between non-darwinian and darwinian traditions, either by holding that Darwinism itself was never quite as darwinian as previously thought, or that non-darwinian traditions took on board some darwinian components, when not fertilizing Darwinism directly. Between a Darwinism reaching out to other research programs and non-darwinian programs reaching out to Darwinism, the least that can be said is that this criss-crossing of intellectual threads blurs the historiographical field. This volume aims to open new thinking avenues about the development of evolutionary biology.
