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Titolo	Evolution through genetic exchange [[electronic resource] /] / Michael L. Arnold
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Descrizione fisica	1 online resource (271 p.)
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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references (p. 194-234) and index.
Nota di contenuto	Contents; 1 History of investigations; 2 The role of species concepts; 3 Testing the hypothesis; 4 Barriers to gene flow; 5 Hybrid fitness; 6 Gene duplication; 7 Origin of new evolutionary lineages; 8 Implications for endangered taxa; 9 Humans and associated lineages; 10 Emergent properties; Glossary; Reference; Index
Sommario/riassunto	More and more data indicate that evolution has resulted in lineages consisting of mosaics of genes derived from different ancestors. It is therefore becoming increasingly clear that the tree is an inadequate metaphor of evolutionary change. In this book, Arnold promotes the 'web-of-life' metaphor as a more appropriate representation of evolutionary change in all lifeforms. - ;Even before the publication of Darwin's Origin of Species, the perception of evolutionary change has been a tree-like pattern of diversification - with divergent branches spreading further and further from the trunk. In t