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Titolo	The poverty of the Linnaean hierarchy : a philosophical study of biological taxonomy // Marc Ereshefsky [[electronic resource]]
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Descrizione fisica	1 online resource (x, 316 pages) : digital, PDF file(s)
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Nota di bibliografia	Includes bibliographical references (p. 300-311) and index.
Nota di contenuto	; Part I: The historical turn The philosophy of classification -- A primer of biological taxonomy -- History and classification -- ; Part II: The multiplicity of nature -- Species pluralism -- How to be a discerning pluralist -- ; Part III: Hierarchies and nomenclature -- The evolution of the Linnaean hierarchy -- Post-Linnaean taxonomy -- The future of biological nomenclature.
Sommario/riassunto	The question of whether biologists should continue to use the Linnaean hierarchy has been a hotly debated issue. Invented before the introduction of evolutionary theory, Linnaeus's system of classifying organisms is based on outdated theoretical assumptions, and is thought to be unable to provide accurate biological classifications. Marc Ereshefsky argues that biologists should abandon the Linnaean system and adopt an alternative that is more in line with evolutionary theory. He traces the evolution of the Linnaean hierarchy from its

introduction to the present. He illustrates how the continued use of this system hampers our ability to classify the organic world, and then goes on to make specific recommendations for a post-Linnaean method of classification. Accessible to a wide range of readers by providing introductory chapters to the philosophy of classification and the taxonomy of biology, the book will interest both scholars and students of biology and the philosophy of science.

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