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Titolo	Aging is a group-selected adaptation : theory, evidence, and medical implications // by Joshua Mitteldorf
Pubbl/distr/stampa	Boca Raton, FL : , : CRC Press, , [2017] ©2016
ISBN	1-315-37121-9 1-315-35403-9 1-4987-1530-3
Edizione	[First edition.]
Descrizione fisica	1 online resource (244 pages) : illustrations (some color)
Disciplina	612.67
Soggetti	Aging - Genetic aspects
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	chapter A Note on the Use of Teleological Language -- chapter What is Hormesis? -- chapter Can Life Extension from CR be Reconciled with Accepted Evolutionary theories? -- chapter Explaining the Caloric Restriction Eject within the Disposable Soma theory -- chapter Animals that Don't Age at All -- chapter A Fountain of Youth where Only Queens can Drink -- chapter What do we Mean by Aging in Reverse -- chapter -----, -- chapter eories of Oxidative Damage -- chapter High Cost of Senescence in the Wild -- chapter Predictions of Antagonistic Pleiotropy -- chapter Looking for Pleiotropy in Laboratory Breeding Experiments -- chapter Summary -- chapter References -- chapter Part I: Telomeres and Replicative Senescence How Replicative Senescence was Discovered -- chapter How to Stabilize an Ecosystem -- chapter Birds Lacking Estates -- chapter Summary -- chapter References -- chapter at Others Might Live Preliminaries -- chapter A Subdivided Population Model with Delayed Logistic Dynamics ----- ----- ----- -- chapter Le Rouge et le Noir -- chapter Blunting the Blade of Selection -- chapter Summary -- chapter Horizontal Gene Transfer.
Sommario/riassunto	Although books exist on the evolution of aging, this is the first book written from the perspective of again as an adaptive program. It offers

an insight into the implications of research on aging genetics, The author proposes the Demographic Theory of Senescence, whereby aging has been affirmatively selected because it levels the death rate over time helping stabilize population dynamics and prevent extinctions.
