1. Record Nr. UNINA9910456253003321 Tempo and mode in evolution [[electronic resource]]: genetics and **Titolo** paleontology 50 years after Simpson / / Walter M. Fitch, Francisco J. Ayala, editors Washington, D.C., : National Academy Press, 1995 Pubbl/distr/stampa **ISBN** 1-280-19329-8 9786610193295 0-309-55267-2 0-585-03722-1 Descrizione fisica 1 online resource (336 p.) Altri autori (Persone) FitchWalter M. <1929-2011.> AyalaFrancisco Jose <1934-> Disciplina 575 Soggetti Evolution (Biology) Genetics Paleontology Electronic books. Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia "National Academy of Sciences." Note generali Nota di bibliografia Includes bibliographical references and index. ""Tempo And Mode In Evolution"": ""Copyright"": ""PREFACE"": Nota di contenuto ""REFERENCES""; ""Contents""; ""PART I EARLY LIFE""; ""1 Tempo, Mode, the Progenote, and the Universal Root""; ""STAGES IN THE EVOLUTION OF THE CELLULAR INFORMATION-PROCESSING SYSTEM""; ""THE BASIC KINDS OF LIVING THINGS""; ""THE WOESIAN REVOLUTION""; ""ROOTING THE UNIVERSAL TREE""; ""IMPLICATIONS OF THE ROOTING FOR AN UNDERSTANDING OF TEMPO AND MODE IN EARLY CELLULAR EVOLUTION""; ""But Is the Rooting Right?""; ""Where Next?""; ""SUMMARY""; ""References"" ""2 Phylogeny from Function: The Origin of tRNA Is in Replication, not Translation""""METHODS""; ""RESULTS AND DISCUSSION""; ""CONCLUSIONS AND FUTURE PROSPECTS""; ""SUMMARY""; ""References""; ""3 Disparate Rates, Differing Fates: Tempo and Mode of Evolutionm Changed from the Precambrian to the Phanerozoic":

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