Record Nr. UNINA9910809629003321 Autore Poulin Robert Titolo Evolutionary Ecology of Parasites: (Second Edition) Princeton,: Princeton University Press, 2011 Pubbl/distr/stampa **ISBN** 1-4008-4080-5 9786613133458 1-283-13345-8 Edizione [Second] Descrizione fisica 1 online resource (343 p.) Disciplina 577.857 591.7/857 Soggetti **Parasites** Parasites - Ecology Parasites -- Ecology Parasites -- Evolution Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Nota di contenuto Cover: Contents: Preface: 1: Introduction: 2: Origins of Parasitism and Complex Life Cycles; 3: Host Specificity; 4: Evolution of Parasite Life-History Strategies; 5: Strategies of Host Exploitation; 6: Parasite Aggregation: Causes and Consequences; 7: Parasite Population Dynamics and Genetics; 8: Interactions between Species and the Parasite Niche; 9: Parasite Infracommunity Structure; 10: Component Communities and Parasite Faunas: 11 Conclusion: References: Index Sommario/riassunto Parasites have evolved independently in numerous animal lineages, and they now make up a considerable proportion of the biodiversity of life. Not only do they impact humans and other animals in fundamental ways, but in recent years they have become a powerful model system for the study of ecology and evolution, with practical applications in disease prevention. Here, in a thoroughly revised and updated edition of his influential earlier work, Robert Poulin provides an evolutionary

ecologist's view of the biology of parasites. He sets forth a

comprehensive synthesis of parasite evolutionary