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Nota di contenuto	Cover; Contents; List of contributors; Foreword; 1 A history of parasites and hosts, science and fashion; 1.1 Introduction; 1.2 The days before cool; 1.3 Becoming cool; 1.4 Beyond manipulation; 1.5 Conclusion; Afterword; 2 Evolutionary routes leading to host manipulation by parasites; 2.1 Introduction; 2.2 The origins of host manipulation; 2.2.1 Manipulation sensu stricto; 2.2.2 Complex parasitic cycles: the cause or the consequence of parasite manipulation?; 2.2.3 Host-driven scenarios of manipulation; 2.2.4 Exaptation?; 2.3 The evolution of manipulation after its emergence 2.3.1 Genetically based variation in phenotypic alterations 2.3.2 Other sources of variation; 2.4 Multidimensional manipulations: evidence of evolution or a syndrome?; 2.4.1 Why do multidimensional manipulations evolve?; 2.4.2 Simultaneous versus sequential multidimensional manipulations; 2.4.3 How did multidimensional manipulations evolve?; 2.4.4 Proximate aspects of multidimensionality; 2.5 Concluding remarks; Afterword; 3 The strings of the puppet master: how parasites change host behavior; 3.1 Introduction; 3.2 How

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#### Sommario/riassunto

Parasites that manipulate the behaviour of their hosts represent striking examples of adaptation by natural selection. This field of study is now moving beyond its descriptive phase and into more exciting areas where the processes and patterns of such dramatic adaptations can be better understood. This innovative text provides an up-to-date, authoritative, and challenging review of host manipulation by parasites that assesses the current state of developments in the field and layout a framework for future research. It also promotes a greater integration of behavioral ecology with studies of h