

1. Record Nr.	UNINA9910538207003321
Autore	Burghardt Gordon M. <1941->
Titolo	The genesis of animal play : testing the limits // Gordon M. Burghardt
Pubbl/distr/stampa	Cambridge, Mass., : MIT Press, c2005
ISBN	1-282-10077-7 9786612100772 0-262-26955-4 1-4294-1300-X
Edizione	[1st ed.]
Descrizione fisica	1 online resource (521 p.)
Collana	A Bradford Book
Disciplina	591.56/3
Soggetti	Play behavior in animals Play Behavior evolution
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"A Bradford book."
Nota di bibliografia	Includes bibliographical references (p. [407]-460).
Nota di contenuto	Foreword; Preface; Acknowledgments; I The Nature of Play; 1 Play: Many Meanings, Few Answers; 2 Footprints in the Sand: The Origins and Radiation of Play Theory; 3 Defining Play: Can We Stop Playing Around?; 4 A Guide to the Diversity of Play; 5 Nothing Is Simple: Studying the Hows and Whys of Play; 6 The Genesis of Play: An Integrative Approach; II The Phylogeny of Play; 7 The Path Through the Major Evolutionary Landscapes; 8 Play in the Placental Mammals; 9 The Alternate Radiation: Play in Marsupials; 10 Does the Platypus Play?; 11 Play Is for the Birds Too; 12 The Cool Reptiles 13 The Origins of Vertebrate Play: Fish That Leap, Juggle, and Tease 14 Play at the Margins: Invertebrates; 15 The Legacy and Future of Play; References; Animal Index; Name Index; Subject Index
Sommario/riassunto	In The Genesis of Animal Play, Gordon Burghardt examines the origins and evolution of play in humans and animals. He asks what play might mean in our understanding of evolution, the brain, behavioral organization, and psychology. Is play essential to development? Is it the driving force behind human and animal behavior? What is the proper place for the study of play in the cognitive, behavioral, and biological sciences?The engaging nature of play--who does not enjoy watching a

kitten attack a ball of yarn?--has made it difficult to study. Some scholars have called play undefinable, nonexistent, or a mystery outside the realm of scientific analysis. Using the comparative perspectives of ethology and psychology, *The Genesis of Animal Play* goes further than other studies in reviewing the evidence of play throughout the animal kingdom, from human babies to animals not usually considered playful. Burghardt finds that although playfulness may have been essential to the origin of much that we consider distinctive in human (and mammalian) behavior, it only develops through a specific set of interactions among developmental, evolutionary, ecological, and physiological processes. Furthermore, play is not always beneficial or adaptive. Part I offers a detailed discussion of play in placental mammals (including children) and develops an integrative framework called surplus resource theory. The most fascinating and most controversial sections of the book, perhaps, are in the seven chapters in part II in which Burghardt presents evidence of playfulness in such unexpected groups of animals as kangaroos, birds, lizards, and "Fish That Leap, Juggle, and Tease." Burghardt concludes by considering the implications of the diversity of play for future research, and suggests that understanding the origin and development of play can shape our view of society and its accomplishments through history.

---