

1. Record Nr.	UNINA9910789448703321
Autore	Leblanc Michel-Antoine <1941->
Titolo	The mind of the horse : an introduction to equine cognition // Michel-Antoine Leblanc ; translated by Giselle Weiss
Pubbl/distr/stampa	Cambridge, Massachusetts ; ; London : , : Harvard University Press, , 2013 ©2013
ISBN	0-674-72758-4 0-674-72637-5
Descrizione fisica	1 online resource (464 p.)
Altri autori (Persone)	WeissGiselle
Disciplina	636.1
Soggetti	Horses - Behavior Horses - Psychology Animal intelligence
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	First published as L'esprit du cheval: Introduction © l'Œ thologie cognitive du cheval.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Front matter -- Contents -- Foreword to the French Edition -- Foreword to the English Edition -- Preface -- 1. What We Know about the Nature of the Horse -- 2. Equine Intelligence -- 3. Animal Intelligence, Cognition, and Representation -- 4. The Equine Brain -- 5. The Nature of Equine Perception -- 6. The Anatomical and Physiological Basis of Equine Visual Perception -- 7. The Behavioral Exploration of Equine Visual Perception: Perception of Shapes and Movement -- 8. The Behavioral Exploration of Equine Visual Perception: The Quest for Color Perception -- 9. Hearing in Horses -- 10. Equine Chemical Perception: Odors, Pheromones, Tastes, and Flavors -- 11. Tactile Perception in the Horse -- Conclusion -- References -- Acknowledgments -- Index
Sommario/riassunto	Horses were first domesticated about 6,000 years ago on the vast Eurasian steppe, yet only in the last two decades have scientists begun to explore the mental capacities of these animals. In The Mind of the Horse, Michel-Antoine Leblanc presents an encyclopedic synthesis of scientific knowledge about equine behavior and cognition, providing experts and enthusiasts alike with an up-to-date understanding of how

horses perceive, think about, and adapt to their physical and social worlds. Much of what we think we know about "the intelligence of the horse" derives from fragmentary reports and anecdotal evidence. Putting this accumulated wisdom to the test, Leblanc introduces readers to rigorous experimental investigations into how horses make sense of their world under varying conditions. He describes the anatomical and neurophysiological characteristics of the horse's brain, and compares these features with those of other species, to gain an evolutionary perspective. A horseman himself, Leblanc also considers the opinions of renowned riding masters, as well as controversies surrounding the horse's extraordinary mental powers that have stirred in equestrian and scientific circles. The Mind of the Horse brings together in one volume the current state of equine research and will likely stimulate surprising new discoveries.
