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Nota di contenuto	Frontmatter -- Contents -- Preface -- Acknowledgments -- 1. The Nature Of Science: Our Brains At Work -- 2. The Nitty-Gritty Of The Nervous System -- 3. Hanging Our Brains On The Tree Of Life -- 4. Making Sense Of Senses -- 5. Processing Information -- 6. Emotions And Memory -- 7. Brain EvoDevo -- 8. Words And Music By . . . -- 9. Decisions, Behaviors, And Beliefs -- 10. The Human Brain And Cognitive Evolution -- Epilogue -- Timeline -- Glossary -- Literature Cited And Further Reading -- Index
Sommario/riassunto	After several million years of jostling for ecological space, only one survivor from a host of hominid species remains standing: us. Human beings are extraordinary creatures, and it is the unprecedented human brain that makes them so. In this delightfully accessible book, the authors present the first full, step-by-step account of the evolution of the brain and nervous system. Tapping the very latest findings in evolutionary biology, neuroscience, and molecular biology, Rob DeSalle and Ian Tattersall explain how the cognitive gulf that separates us from all other living creatures could have occurred. They discuss the development and uniqueness of human consciousness, how human and

nonhuman brains work, the roles of different nerve cells, the importance of memory and language in brain functions, and much more. Our brains, they conclude, are the product of a lengthy and supremely untidy history—an evolutionary process of many zigs and zags—that has accidentally resulted in a splendidly eccentric and creative product.

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