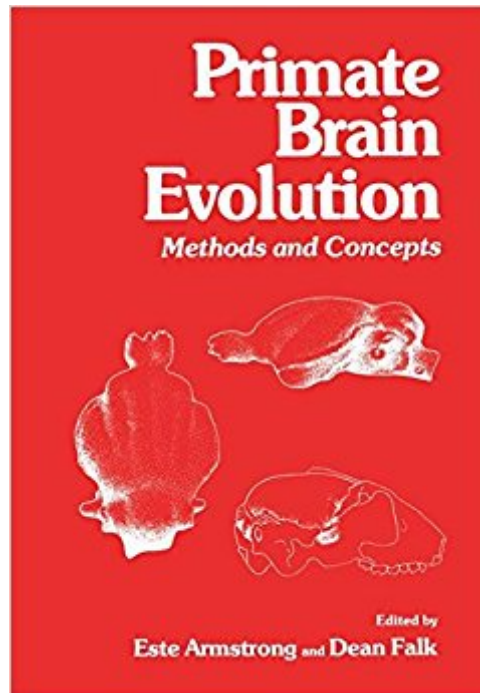


The book was found

Primate Brain Evolution: Methods And Concepts



Synopsis

Given the past decade's explosion of neurobiological and paleontological data and their increasingly sophisticated analyses, interdisciplinary syntheses between these two broad disciplines are of value and interest to many different scientists. The collected papers of this volume will appeal to students of primate and hominid evolution, neuroscientists, sociobiologists, and other behaviorists who seek a better understanding of the substrates of primate, including human, behavior. Each species of living primates represents an endpoint in evolution, but comparative neurologists can produce approximate evolutionary sequences by careful analyses of representative series. Because nervous tissue does not fossilize, only a comparison of structures and functions among extant primates can be used to investigate the fine details of primate brain evolution. Paleoneurologists, who directly examine the fossil record via endocasts or cranial capacities of fossil skulls, can best provide information about gross details, such as changes in brain size or sulcal patterns, and determine when they occurred. Physical anthropologists and paleontologists have traditionally relied more on paleoneurology, whereas neuroscientists and psychologists have relied more on comparative neurology. This division has been a detriment to the advancement of these fields and to the conceptual bases of primate brain evolution. Both methods are important and a synthesis is desirable. To this end, two symposia were held in 1980--one at the meeting of the American Association of Physical Anthropologists in Niagara Falls, U. S. A. , and one at the precongressional meeting of the International Primatological Society in Torino, Italy.

Book Information

Hardcover: 346 pages

Publisher: Springer; 1 edition (January 31, 1982)

Language: English

ISBN-10: 0306409143

ISBN-13: 978-0306409141

Product Dimensions: 9.6 x 6.6 x 0.8 inches

Shipping Weight: 1 pounds

Average Customer Review: Be the first to review this item

Best Sellers Rank: #1,628,750 in Books (See Top 100 in Books) #229 in Books > Science & Math > Biological Sciences > Animals > Apes & Monkeys #234 in Books > Science & Math > Biological Sciences > Zoology > Primatology #1302 in Books > Textbooks > Science & Mathematics > Biology & Life Sciences > Zoology

[Download to continue reading...](#)

Primate Brain Evolution: Methods and Concepts The Primate Anthology: Essays on Primate Behavior, Ecology and Conservation from Natural History Primate Adaptation and Evolution, Third Edition The Evolution of Primate Societies Brain Cancer Treatment - How to Beat Brain Cancer And Get Your Life Back (Brain Cancer, Tumor, Brain Cancer Treatment, Natural Treatment) Brain Training: The Ultimate Guide to Increase Your Brain Power and Improving Your Memory (Brain exercise, Concentration, Neuroplasticity, Mental Clarity, Brain Plasticity) Brain Training: Power Brain! - Secret Techniques To: Improve Memory, Focus & Concentration (Brain teasers, Improve memory, Improve focus, Concentration, Brain power) My Grain & Brain Cookbook: 101 Brain Healthy and Grain-free Recipes Everyone Can Use To Boost Brain Power, Lose Belly Fat and Live Healthy: A Gluten-free, Low Sugar, Low Carb and Wheat-Free Cookbook Why Isn't My Brain Working?: A revolutionary understanding of brain decline and effective strategies to recover your brain's health BRAIN: 51 Powerful Ways to Improve Brain Power, Enhance Memory, Intelligence and Concentration NATURALLY! (MEMORY, Memory Improvement, Learning, Brain Training) Grain Brain Audiobook: David Perlmutter GRAIN BRAIN Audio CD: Grain Brain David Perlmutter Brain Games #1: Lower Your Brain Age in Minutes a Day (Brain Games (Numbered)) Brain Games #3: Lower Your Brain Age in Minutes a Day (Brain Games (Numbered)) High Throughput Screening: Methods and Protocols (Methods in Molecular Biology) (Methods in Molecular Biology, 190) Primate Males: Causes and Consequences of Variation in Group Composition All The World's Lemurs, Lorises, Bushbabies, and Pottos: The Primate Suborder Strepsirhini (All the World's Primates Ebook Series) Voracious Science and Vulnerable Animals: A Primate Scientist's Ethical Journey (Animal Lives) Primate Diversity Primate Ethnographies Primate Behavioral Ecology 4th (forth) edition

[Dmca](#)