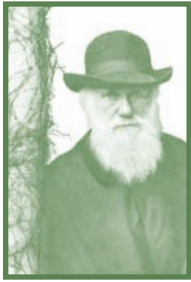


# 27 THINGS TO KNOW ABOUT DARWIN

## CELEBRATE DARWIN'S 200TH

These recordings are from our Distinguished Lecture Series held on the Caltech Campus in Pasadena. Order on the enclosed form or on [www.skeptic.com](http://www.skeptic.com). Available as indicated as Audio Cassette (\$9.95); DVD (\$23.95); and audio CD (\$15.95)



### A Darwin Day 200th Birthday Celebration

2009 marks the 200th anniversary of Charles Darwin's birth on February 12, 1809—the same day as Abraham Lincoln—and the 150th anniversary of the publication of *On the Origin of Species* on November 24, 1859. Come join us for a special celebration of the life and science of one of the greatest scientists in history. Historian of science **Dr. Michael Shermer** reviews the remarkable life of Darwin and explain how he arrived at his theory of evolution. Paleontologist and geologist **Dr. Donald Prothero** gave a brief overview of how evolutionary theory has changed since Darwin's time. Caltech biologist **Dr. Joel Smith** explains systems biology which allows us to construct detailed logic maps of the "circuitry" of living organisms known as Regulatory Networks. By comparing Regulatory Networks from different species we can see how the program has changed over the course of evolution, and we can identify the precise changes in DNA sequences that have created those changes. **av197DVD** (DVD); **av197CD** (audio CD)



### Richard Dawkins

#### THE ANCESTOR'S TALE: A Pilgrimage to the Dawn of Evolution

Renowned evolutionary biologist Richard Dawkins presents an expansive work: a comprehensive look at evolution, ranging from the latest developments in the field to his own provocative views. Dawkins' brilliant, inventive approach allows us to view the connections between ourselves and all other life in a bracingly novel way. *The Ancestor's Tale* is at once a far-reaching survey of the latest, best thinking on biology and a fascinating history of all living things. **av139C** (audio cassette); **av139DVD** (DVD); **av139CD** (audio CD)

#### RIVER OUT OF EDEN: A Darwinian View of Life

Richard Dawkins continues his train of evolutionary reasoning from his previous best-selling works, *The Selfish Gene* & *The Blind Watchmaker*. Dawkins hammers home point after point showing why creationism is simply and obviously wrong. Also, African Eve theory. **AT036** (audio cassette); **av036DVD** (DVD); **av036CD** (audio CD)

### Donald Prothero



#### 30 years of Evolutionary History- Reinventing Evolution: Dinosaurs & Punctuated Equilibrium.

Paleontologist Dr. Donald Prothero on 30 years of evolutionary theory and the heated debates about the meaning of the fossil record evidence. The evidence for Eldredge's and Gould's theory of punctuated equilibrium. How controversy in science is a good thing, not the weakness that creationists claim it to be. • **Also on this tape:** Fascinating fossil lore from world-renowned dinosaur hunter **Dr. John R. "Jack" Horner**; how the outdated Linnaean system influenced the misclassification of dinosaurs as reptiles; how the Greek's mythical Griffin was inspired by hook-nosed protoceratops fossils, etc. **AV080VHS**(video) **av080DVD** (DVD); **av080CD** (audio CD)

#### Dr. DONALD PROTHERO ON GOULD-FESTSCHRIFT 2000 FOR STEPHEN JAY GOULD

Prothero discusses how Gould helped launch a revolution in paleontology that continues to this day. His fact-filled slide lecture is one of the finest summaries of how evolution works ever given. **Also on this tape:** • **Dr. Michael Shermer** presents an exhaustive literary taxonomy and content analysis of all 300 of Gould's essays. • **Dr. Frank J. Sulloway** focuses on the science of biography, using Gould's dual metaphor "Time's Arrow, Time's Cycle" and shows how both Darwin & Gould used this and other themes in their evolutionary theories. **av093DVD** (DVD); **av093CD** (audio CD)

#### Dr. DONALD PROTHERO ON THE STATE OF EVOLUTIONARY THEORY. EVOLUTION: How We Know it Happened and Why it Matters.

By paleontologist and geologist Dr. Donald Prothero. Is the theory of evolution in serious trouble as promoters of Intelligent Design claim? Is the evidence for evolution so weak, and the gaps in the theory so huge that these flaws should be taught to students? In this brilliant synthesis of scientific data and theory, evolutionary theorist Dr. Donald Prothero presents the best evidence we have that evolution happened, why Darwin's theory still matters, and what the real controversies are in evolutionary biology. Packed with information. **av154DVD** (DVD); **av154CD** (audio CD)

#### Dr. DONALD PROTHERO—ONE OF THE WORLD'S MOST RESPECTED PALEONTOLOGISTS—ON EVOLUTION V. CREATIONISM GEOLOGY, CREATIONISM, & EVOLUTION: The Breathtaking Inanity of Flood Geology

Have you ever had to deal with a Creationist who takes Genesis literally, and insists that Noah's flood created all geologic features of the earth. Prothero discusses the biblical and logistical problems with "flood geology," and show how creationists' conception of the geologic record would mean that we would never find coal, oil, gas or other natural resources. Engaging and richly illustrated with a wealth of evidence and answers to creationist challenges to science. If you are interested in defending science education don't miss this entertaining and intellectually rigorous history of the geological and fossil record. **av181DVD** (DVD); **av181CD** (audio CD)

### Walter Goldschmidt ON THE EVOLUTIONARY ORIGIN OF LOVE



#### The Bridge to Humanity: How Affect Hunger Trumps the Selfish Gene

Anthropologist Dr. Walter Goldschmidt argues for a separate evolutionary origin of what we call love—a nurturant need as opposed to a sexual need—two very different forms of behavior. One is essentially competitive, and the other concerned with mutuality. Underlying nurturance is the phenomenon of "affect hunger," an urge to seek the affection that is needed for the proper development of the neurological system in humans and other social mammals. Affect hunger not only provides a reward system for learning language and other cultural information, but also remains a motive for social behavior throughout life. **av158DVD** (DVD); **av159CD** (audio CD)

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## Creationism by Robert Pennock



### The New Creationism: Intelligent Design Theory

Dr. Pennock has written the most authoritative book on the new creationism, and he delivers a superbly organized lecture and a thorough analysis and refutation of the latest new arguments from the new creationists. Covers Intelligent Design theory, Irreducible Complexity, and makes a brilliant analogy between the evolution of life and the evolution of language (neither one had a top-down designer), to show the deep flaws in creationists' reasoning.

**av096DVD** (DVD); **av096CD** (audio CD)

## Creationism by Eugenie Scott

Also on this same tape:

## Evolutionary Contingency by Michael Shermer



### Reinventing Evolution: Creationism and Contingency. Conference 1999. Tape I

Dr. Eugenie Scott of the National Center for Science Education describes the battle for quality science education in America's schools. Her presentation is funny, frightening, & clear. She warns the audience about the rising movement of "intelligent-design" creationism & explains why so many people fight to keep it out of public schools. • **Also on this tape:** Were humans destined to evolve into being? Skeptic Publisher Dr. Michael Shermer presents the case for evolutionary contingency—if evolution started over, the appearance of humans would not be a certainty; in fact, it would probably never happen again. Evolutionary histories are not random, but they are not strictly predictable either. He presents his

"model of contingent-necessity" with vivid examples to explain how and when contingencies matter in historical sequences. **av079DVD** (DVD); **av079CD** (audio CD)

## Michael Shermer on Evolution

### MICHAEL SHERMER ON ALFRED RUSSEL WALLACE

#### In Darwin's Shadow: The Life and Science of Alfred Russel Wallace

Wallace, co-discoverer of natural selection & the greatest naturalist of his age was also involved in spiritualism & seances & theorized that human intelligence was not a result of natural selection. Shermer explains this apparent contradiction with modern psychological theories. **av115C** (audio cassette); **av115DVD** (DVD); **av115CD** (audio CD)

### MICHAEL SHERMER ON EVOLUTION V. INTELLIGENT DESIGN

#### Why Darwin Matters: the Case for Evolution and Against Intelligent Design

Why do half of all Americans reject evolution, one of the most well founded theories in all of science? What evolution really is, how we know it happened, and how to test it. Why creationism and Intelligent Design are not science. An insider's guide to the evolution-creation debate, & why science should be embraced by people of all faiths. **av168VHS** (video); **av168C** (audio cassette); **av168DVD** (DVD); **av168CD** (audio CD)



## Stephen J. Gould ON EVOLUTION REVOLUTION The Triumph of A Theory

Dr. Stephen Jay Gould was one of the best known and most highly decorated scientists of our age. Gould delivers a remarkable lecture filled with wit, charm, and historical anecdote. He traced the history of Western culture's uneasy relationship with the pedestal-shattering discoveries of science. The single best lecture in the history of the Skeptics Society. Don't miss this one! **av095DVD** (DVD); **av139CD** (audio CD)



## Craig Stanford ON A THEORY OF WHAT MADE HUMAN EVOLUTION POSSIBLE?

### U P R I G H T: The Evolutionary Key to Becoming Human

Dr. Craig Stanford is co-director of the Jane Goodall Primate Research Center and Professor of

Biological Anthropology at USC. Stanford asks: What makes us human? Tools? Language? Big brains? and offers the provocative theory that walking upright is the linchpin that made the human species possible. He explains a cascade of changes resulted from relying on two legs: walking and running improved our

forebearers' ability to find meat; meat eating played a key role in the development of intelligence and in processes such as childbirth; the change in posture associated with walking affected our lungs and gave rise to speech. **av135VHS** (video); **av135C** (audio cassette); **av135DVD** (DVD); **av135CD** (audio CD)



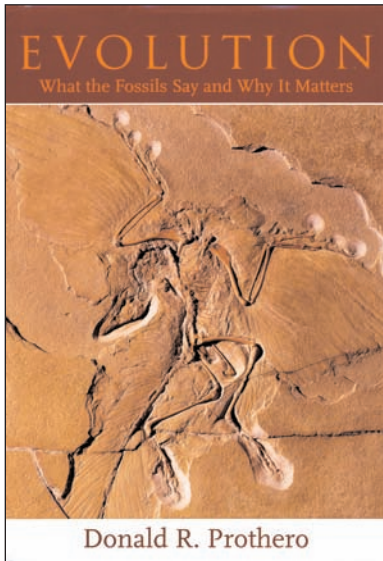
## Steven Pinker

### THE BLANK SLATE: The Modern Denial of Human Nature

Evolutionary psychologist and linguistic theorist Dr. Steven Pinker argues that this is a golden age of new scientific understanding of human nature. Pinker brilliantly reexamines human nature, and addresses the fears raised that a biological understanding of the mind will be used to justify inequality, subvert social change, dissolve personal responsibility, and strip life of meaning and purpose. Pinker is one of the most influential public intellectuals of our time, and he is at his best in this lecture. **av113C** (audio cassette); **av113DVD** (DVD); **av113CD** (audio CD)

### THE STUFF OF THOUGHT: Language as a Window into Human Nature

By one of the most influential thinkers of our time—Dr. Steven Pinker—on what language reveals about human nature. For example, what swearing reveals about our emotions; what innuendo discloses about relationships; how our use of prepositions and tenses taps into peculiarly human concepts of space and time; and how our nouns and verbs speak to our notions of matter; and even what baby names say about our relations to our children and society. **av178DVD** (DVD); **av178CD** (audio CD)



Donald R. Prothero

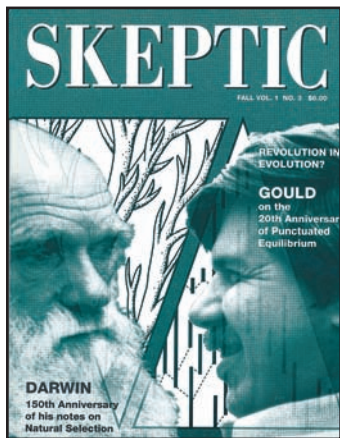
## A fantastic price for a book of this quality

A great introduction to the field or get up to speed on the latest discoveries in the incredibly rich fossil record, with an emphasis on transitional forms. Includes a no holds barred critique of the claims of creationism and Intelligent Design. Over 200 illustrations. Winner of an award for excellence from the Professional and Scholarly Publishing Division of the Association of American Publishers.  
Cat. No. b127HB. Hardback. Only \$30.00



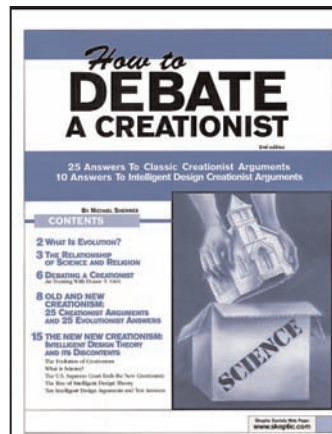
## The best damn book on evolution – period!

Michael Shermer



## A Classic! Stephen Jay Gould Punctuated Equilibrium Skeptic Magazine Back Issue magv1n3-Revolution in Evolution?

- The Mismeasure of History: Darwin, Gould, and the Nature of Change by Michael Shermer
- Punctuated Equilibrium at Twenty: A Paleontological Perspective by Donald Prothero
- Punctuated Equilibrium in Fact and Theory by Stephen Jay Gould
- Historic 1842 Sketch on Evolution by Charles Darwin
- Darwin, Darwinism, and the Darwinian Culture by James Rogers

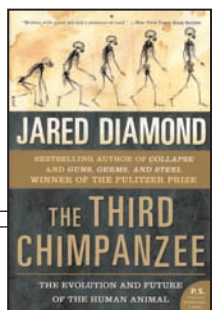


## How to Debate A Creationist (2nd. Ed.) By Michael Shermer. (b007PB \$5.00 paperback. 28 pages.)

- WHAT IS EVOLUTION?
- THE RELATIONSHIP OF SCIENCE AND RELIGION
- DEBATING A CREATIONIST: An Evening With Duane T. Gish

- OLD AND NEW CREATIONISM:  
25 CREATIONIST ARGUMENTS AND 25 EVOLUTIONIST ANSWERS
- THE NEW NEW CREATIONISM:  
INTELLIGENT DESIGN THEORY AND ITS DISCONTENTS; The Evolution of Creationism; What is Science?; The U.S. Supreme Court Ends the New Creationism; The Rise of Intelligent Design Theory; Ten Intelligent Design Arguments and Ten Answers

## Two extraordinary science books everyone should read!

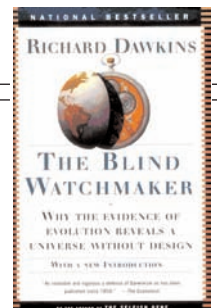


## Jared Diamond on Evolution

**The Third Chimpanzee: The Evolution and Future of the Human Animal** by Jared Diamond (b049PB \$15.00 paperback). The evolution of human sexuality & science of adultery. How we pick our mates & sex partners. Why do we grow old & die? The animal origins of art. Why do we smoke, drink, & use dangerous drugs? The golden age that never was.

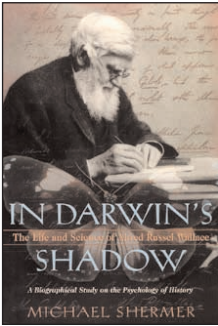
## Richard Dawkins

**The Blind Watchmaker: Why the Evidence of Evolution Reveals a Universe Without Design** by Richard Dawkins. (b087PB \$15.95) The explanation of evolution that the *LA Times* called "one of the best science books I have ever read." A no hold-barred defense of scientific view.





# Celebrate Darwin's 200th



## Michael Shermer on Evolution

### *In Darwin's Shadow: The Life & Science of Alfred Russel Wallace*

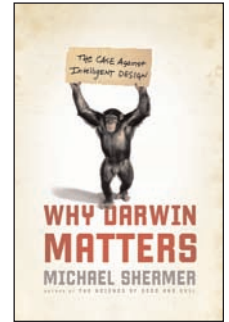
by Michael Shermer (**b081HB** now only \$25.00 hardback)

A landmark biography of the co-discoverer of natural selection & the greatest naturalist of his age.

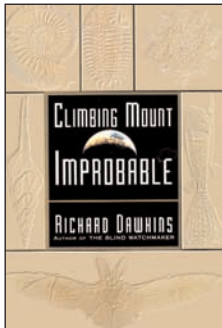
Applies modern psychological theories to understand why Wallace also crossed disciplines to become involved in spiritualism, seances, & life after death belief systems.

**Why Darwin Matters** by Michael Shermer. (**b111PB** \$13.) paperback. (**b111HB** \$22.) Hardback. An insiders' guide to the evolution/creation debate—what evolution really is, how we know it happened, and how to test it. Why creationism and Intelligent Design theory are not science. Why half of Americans reject evolution—spiritual, psychological and political reasons, such as moral relativism and social Darwinism.

**Why Darwin Matters on Audio CD** (**av572CD** \$19.95.) Abridged.



## More Richard Dawkins on Evolution



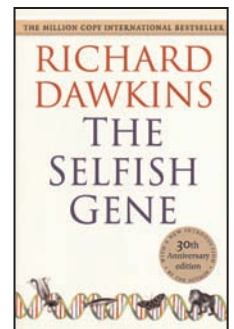
### *Climbing Mount Improbable*

by Richard Dawkins.

**b121PB** \$16.95.)

The Mount Improbable metaphor symbolizes the improbability that seemingly perfectly designed living things evolved. In a breathtaking journey through the mountain's passes and up its many peaks, Dawkins demonstrates how the improbable path to perfection merely takes time.

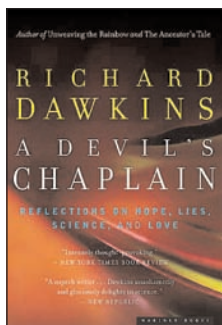
A classic that helped change the nature of the study of social biology.



### *The Selfish Gene*

by Richard Dawkins. (**b123PB** \$15.95.)

This brilliant reformulation of the theory of natural selection explains how the selfish gene revolves around savage competition and exploitation—yet acts of apparent altruism do exist in nature. Updated introduction.



### *A Devil's Chaplain* by Richard Dawkins.

(**b122PB** \$14.00.)

Diverse topics examined through the lens of natural selection: education, ape rights, jury trials, the vindication of Darwinism; memes; religion, academic obscurantism; Stephen Jay Gould; Douglas Adams; pseudoscience; & his awe at the marvelous complexity of the universe. Dawkins writes with clarity & passion.

## 4 DVD Evolution Set

**Evolution** (**av555DVD** \$99.95) A boxed set. 4 DVDs of the 8 hour PBS series narrated by Liam Neeson.

Dramatizes Darwin's life while explaining the science behind evolution. Includes: • **Darwin's Dangerous Idea:** Interweaves Darwin's life with current research. Why evolution is more important today than in Darwin's time. • **Great Transformations:** Important evolutionary changes that triggered the earth's incredible diversity: the development of the four-limbed body plan; the journey of animal life from water to land; the emergence of humans. • **Extinction!:** 99.9% of all species are now extinct. Why did this happen, and are we causing the next mass extinction? • **The Evolutionary Arms Race:** Survival of the fittest: Explores our own arms race with the microorganisms that threaten our existence. • **Why Sex?:** Investigates the endless variety of sexual expression and why, in evolutionary terms, sex is more important than life itself. • **The Mind's Big Bang:** What happened between 100,000-50,000 years ago to trigger a creative, technological, and social explosion? • **What About God?:** Only humans try to explain who they are and how they came to be. Stories of people struggling to balance religion and science.

