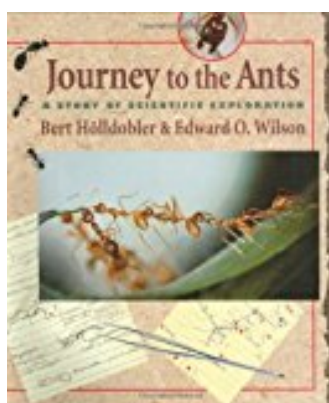


[PDF] Journey To The Ants: A Story Of Scientific Exploration

Bert H - pdf download free book



Books Details:

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Description:

"Look to the ant, thou sluggard, consider her ways and be wise," says the proverb. Bert Hölldobler and E.O. Wilson have joined together to tell how they took this advice and to share the fruits of their wisdom. As *Nature* said, they "have done for ants what Levi's did for denim." Not just a good-parts version of their magisterial, -winning , *Journey* is also a double autobiography--the history of how early enthusiasm developed into an enormously fruitful scientific collaboration. "We, having entered our bug period as children, were blessed by never being required to abandon it," the authors write. Their devotion to their chosen field shines through.

Journey to the Ants gives an outstanding overview of the enormous variety and fascination of myrmecology, from the primitive bulldog ants of Australia to the complexities of weaver ant societies, slave-making ants and agriculture, army ants, and the social parasites concealed within anthills. There is an appendix with practical instructions for collecting individual ants or whole colonies, dead or alive. Hölldobler and Wilson clearly want other children to follow in their footsteps, growing from simple bug love to insights into evolution and society. --*Mary Ellen Curtin* --This text refers to the edition.

From Publishers Weekly In 1990, the authors won a Pulitzer Prize (science) for their monumental *The Ants*. Holldobler (Univ. of Wurzburg) and Wilson (Harvard), longtime collaborators, offer lay readers a fascinating glimpse into the world of ants as well as their own personal adventures in the study of these insects. We see weaver ants that live in tropical forest canopies, their nests made of leaves bound with silk. A colony of leafcutter ants raising fungi on pieces of fresh leaves consumes as much vegetation as a cow. Harvester ants alter the abundance and local distribution of flowering plants. The authors describe cooperation and communication; they found that ant species use 10 to 20 chemicals to convey attraction, alarm and other messages. They discuss ants' relations with butterflies, aphids and mealybugs (symbiosis), warfare (over food and territory) and exploitation. We learn that ants do not live at temperatures below 50 F. and that the greatest threat to them is drought. After reading *Journey*, we can only admire these insects and their remarkable social organization. Illustrations.
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