

The Leafcutter Ants Civilization By Instinct

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The leafcutter ants : civilization by instinct (Book, 2011 ...

Book Review The Leafcutter Ants: Civilization by Instinct Bert Hölldobler and Edward O. Wilson W. W. Norton & Co. Ltd., 2010. Paperback. 160 p. 8 figures, 48 plates.

Leafcutter Ants: Civilization by Instinct | Zoological ...

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The Leafcutter Ants: Civilization by Instinct: Amazon.co ...

Leafcutter ants, a non-generic name, are any of 47 species of leaf-chewing ants belonging to the two genera *Atta* and *Acromyrmex*. These species of tropical, fungus-growing ants are all endemic to South and Central America, Mexico, and parts of the southern United States. Leafcutter ants can carry twenty times their body weight and cut and process fresh vegetation to serve as the nutritional substrate for their fungal cultivates. *Acromyrmex* and *Atta* ants have much in common anatomically; however,

Leafcutter ant - Wikipedia

The Leafcutter Ants: Civilization By Instinct Paperback – Oct. 26 2010 by Bert Holldobler (Author), Edward O Wilson (Author)

The Leafcutter Ants: Civilization By Instinct: Holldobler ...

Ants might struggle on a little longer. When a virgin queen leafcutter ant leaves her birth colony, she has an afternoon's dalliance with a number of males and then goes on to found a civilization...

Ant civilization in The Superorganism.

Because their development of agriculture, social hierarchies, and war predate those of man by centuries, leafcutter ants are considered the first civilization. Within the order Hymenoptera, the family Formicidae (ants) is comprised of 16 subfamilies, 296 genera, and an estimated 15,000 extant species.

The Origin of Civilization - The Ants

Leafcutter ants live primarily in tropical Central and South America and Mexico. In the southern United States, two species live in Arizona, Southern California, western Louisiana, and Texas. They generally build their underground nests in the soil of the forest floor, but they will also inhabit warm agricultural areas.

How to Get Rid of Leafcutter Ants - Ants.com

The Leafcutter Ants is the most detailed and authoritative description of any ant species ever produced. With a text suitable for both a lay and a scientific audience, the book provides an unforgettable tour of Earth's most evolved animal societies.

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