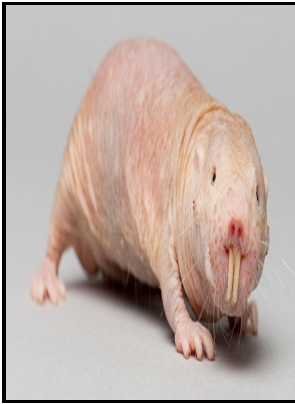


Biology of the naked mole-rat

Princeton University Press - The Biology of the Naked Mole



Description: -

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Music -- Dictionaries -- German

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Rodentia

Behavior, Animal

Naked mole rat -- Africa, Northeast -- Behavior

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Monographs in behavior and ecologyBiology of the naked mole-rat

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The Biology of the Naked Mole

The term, introduced by Michener 1969 , refers to species that live in colonies of overlapping generations in which one or a few individuals produce all the offspring and the rest serve as functionally sterile helpers workers, soldiers in rearing juveniles and protecting the colony. By submitting this form, you are granting: Smithsonian National Zoological Park, 3001 Connecticut Ave. Although colonies of 100 animals Thomas 1903 and more than 295 animals Brett 1986, chap.

Weird Naked Mole Rat Facts (*Heterocephalus glaber*)

Naked mole-rats' substance P deficiency has also been tied to their lack of the histamine-induced itching and scratching behavior typical of rodents. While the rat isn't blind, its eyes are small, with poor visual acuity.

Naked mole rats

During the anoxic period it loses consciousness, its heart rate drops from about 200 to 50 beats per minute, and breathing stops apart from sporadic breathing attempts. This chapter presents a detailed analysis of one agonistic behavior, the shove. Jenny Jarvis, a researcher at the University of Nairobi, established a group in her lab, but could not understand why so few of them seemed to breed.

The Biology of the Naked Mole

With international contributions, this book provides a valuable text for zoological students, behavioral scientists and biomedical researchers. They have been known to reach ages of 30 years. But naked mole-rats have a backup: their brain cells start burning , which produces energy anaerobically through a metabolic pathway that is only used by plants.

Study: Oxygen

Two recent studies published in address the questions of how naked mole-rats can live so long and maintain an exceptional reproductive capability, and if naked mole-rats actually do show any sign of aging. In captivity, they breed all year long and can produce a litter every 80 days.

10 Things You Didn't Know About Naked Mole

What predictions can be made about genetic variation within and among *Heterocephalus glaber* colonies? Working with naked mole-rats has also opened the door for wonderful collaborations and lifelong friendships.

The Biology of the Naked Mole

Diet A captive naked mole-rat eating Naked mole-rats feed primarily on very large weighing as much as a thousand times the body weight of a typical mole-rat that they find deep underground through their mining operations.

The Naked Mole

We wondered if it was done by smell, but it became clear she achieves precedence just by her behaviour rather than any pheromones or whatever. It is clear that breeding is usually restricted to 1 female and 1—3 males in colonies of all sizes, even those with a population of 295 or more Jarvis 1981, chap.

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