

Biology of the naked mole-rat

Princeton University Press - The Extraordinary Biology of the Naked Mole



Description: -

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- Music -- Dictionaries -- German
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- Behavior, Animal
- Naked mole rat -- Africa, Northeast -- Behavior
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- Biology of the naked mole-rat
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- Monographs in behavior and ecology
- Biology of the naked mole-rat
- Notes: Includes bibliographical references (p. [485]-509) and index.
- This edition was published in 1991



Filesize: 54.48 MB

Tags: #Weird #Naked #Mole #Rat #Facts #(Heterocephalus #glaber)

The weird and wonderful world of the naked mole rat

We took male and female non-breeding workers from their colony and paired them with an unrelated partner from a different colony. Bonus: Their lips close behind their front teeth, which keeps dirt out of their mouths when digging! By investigating the livers from young and old naked mole-rats, we could detect age-dependent changes in protein levels in these animals. A naked mole rat was first documented by Eduard Rüppell, a German naturalist, in the 19th century, but he assumed from its unprepossessing appearance, the sagging nude flesh, the teeth growing straight through the skin, that it was a diseased or mutated individual of another species.

The curious case of the naked mole

This is proposed to be an adaptation to the animal living in high levels of due to poorly ventilated living spaces which would cause acid to build up in their body tissues.

The Biology of the Naked Mole

. This occurs through the workers keeping the pups from straying, foraging for food, grooming, contributing to extension of tunnels, and keeping them warm.

The Biology of the Naked Mole

The hormones and ovaries of worker females are suppressed, so if the queen dies, one of them can take over for her. When energy is scarce: longevity vs.

The curious case of the naked mole

His graduate training was in behavioral assessments of sound perception in birds and gerbils. She continues to use multi- and inter-disciplinary approaches to primarily focus on the remarkable social and reproductive adaptations in naked mole-rats as well as contribute to a variety of diverse research questions through many successful and rewarding collaborative projects.

The Extraordinary Biology of the Naked Mole

However, in three species of social mole-rats, *Heterocephalus glaber*, *Cryptomys damarensis*, and *Cryptomys hottentotus hottentotus*, the body mass and shape of. Their eyes are quite small, and their visual acuity is poor. Though they possess high levels of, dispersers are only interested in mating with individuals from foreign colonies rather than their own colony's queen.

10 Things You Didn't Know About Naked Mole

- . Unfortunately, it also makes their behavior difficult to study in the field.

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