

## Look out squirrels: Leopards are new backyard wildlife

March 28 2013

---



Camera traps set up at night in a densely populated region of India virtually devoid of wilderness revealed leopards, striped hyenas, jackals -- and lots of people. Credit: Project Waghoba

A new study led by WCS-India scientist Vidya Athreaya finds that certain landscapes of western India completely devoid of wilderness and with high human populations are crawling with a different kind of backyard wildlife: leopards.

The study found as many as five adult large carnivores, including leopards and striped hyenas, per 100 square kilometers (38 square miles), a density never before reported in a human-dominated landscape.

The study, called "[Big Cats](#) in Our Backyards," appeared in the March 6 edition of the journal *PLoS One*. Authors include: Vidya Athreya and Ullas Karanth of the [Wildlife Conservation Society](#) and Centre for [Wildlife](#) Studies in Bangalore; Morten Odden of Hedmark University College; John D. C. Linnell of the Norwegian Institute for Nature Research; and Jagdish Krishnaswamy of Asoka Trust for Research of Ecology in the Environment.



Camera traps set up at night in a densely populated region of India virtually devoid of wilderness revealed leopards, striped hyenas, jackals -- and lots of people. Credit: Project Waghoba

Using camera traps, the authors found that leopards often ranged close to houses at night though remained largely undetected by the public. Despite this close proximity between leopards and people, there are few instances of attacks in this region. The authors also photographed rusty spotted cat, small Indian [civet](#), Indian fox, jungle cat, jackal, mongoose – and a variety of people from the local communities. The research took place in western Maharashtra, India.



Camera traps set up at night in a densely populated region of India virtually devoid of wilderness revealed leopards, striped hyenas, jackals -- and lots of people. Credit: Project Waghoba

"Human attacks by leopards were rare despite a potentially volatile situation considering that the leopard has been involved in serious conflict, including human deaths in adjoining areas," said big cat expert Ullas Karanth of WCS. "The results of our work push the frontiers of

our understanding of the adaptability of both humans and wildlife to each other's presence."

The authors say that the findings show that conservationists must look outside of protected areas for a more holistic approach to safeguarding wildlife in a variety of landscapes.

Provided by Wildlife Conservation Society

Citation: Look out squirrels: Leopards are new backyard wildlife (2013, March 28) retrieved 19 April 2024 from <https://phys.org/news/2013-03-squirrels-leopards-backyard-wildlife.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.