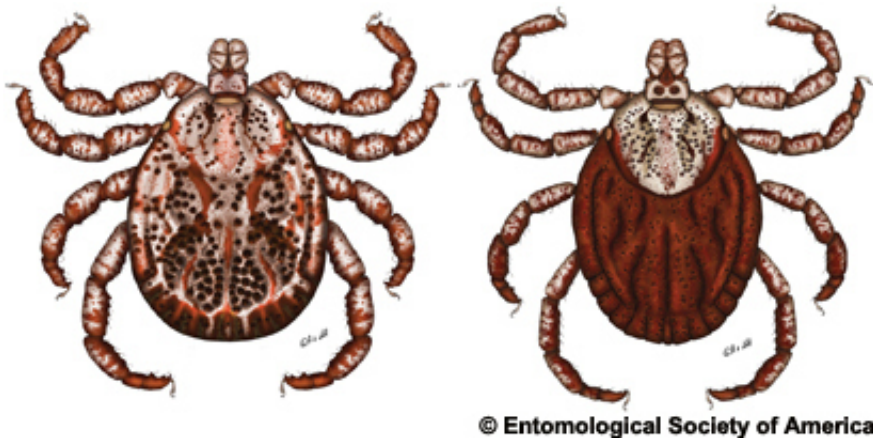


# Dermacentor limbooliati, a new tick species from Malaysia and Vietnam

March 10 2015

---



*Dermacentor limbooliati* male (left) and female (right). Credit: Entomological Society of America

A new tick species found in Malaysia and Vietnam was recently discovered by researchers in Georgia.

Adults of the [new species](#), *Dermacentor limbooliati*, are similar to those of *Dermacentor auratus* and of *Dermacentor compactus*, species with which it was previously confused. However, *D. limbooliati* can be distinguished by a number of characteristics which are described in an article in the *Journal of Medical Entomology* called "Description of New *Dermacentor* (Acari: Ixodidae) Species From Malaysia and Vietnam."

The authors, Drs. Dmitry and Maria Apanaskevich of Georgia Southern

University, discovered the new species while re-examining the extensive holdings of Oriental *Dermacentor* ticks in the United States National Tick Collection (USNTC).

"The USNTC is still a treasure box for new species," Dmitry said. "Maria, my wife, is very-well trained in [tick](#) systematics and enthusiastically helps me in various aspects of my work. We looked through the Indocentor collection, which is enormous—my rough estimate would be 10,000-15,000 specimens—and found this new species as well as some other interesting findings that will be prepared for publications soon."

Many of the specimens were found more than four decades ago in the 1960s in Malaysia's Mata Ayer Forest Reserve and Kaki Bukit Forest Reserve, where they were collected from vegetation, *Sus scrofa* resting beds, a human, and from clothing.

The new [species](#) is named after Dr. Lim Boo Liat, "a Malaysian zoologist who made invaluable *Dermacentor* collections in Malaysia during 1960s-1970s."

**More information:** Description of New *Dermacentor* (Acari: Ixodidae) Species From Malaysia and Vietnam, [jme.oxfordjournals.org/lookup/.../i/10.1093/jme/tjv001](http://jme.oxfordjournals.org/lookup/.../i/10.1093/jme/tjv001)

Provided by Entomological Society of America

Citation: *Dermacentor limbooliati*, a new tick species from Malaysia and Vietnam (2015, March 10) retrieved 19 May 2024 from <https://phys.org/news/2015-03-dermacentor-limbooliati-species-malaysia-vietnam.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.