

# EMERGING INVASIVE ALERT: *Zanthoxylum simulans*

Sichuan Peppercorn (Rutaceae)

NYBG

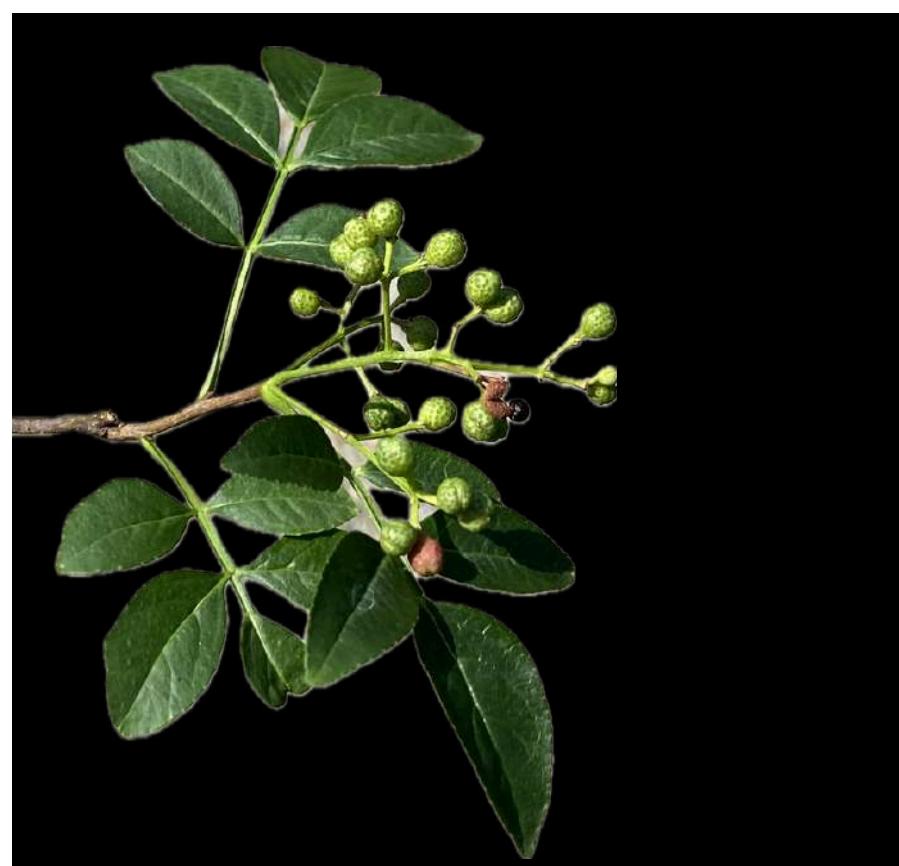
Kate Samra, New York Botanical Garden  
ksamra@nybg.org · 9 August, 2024

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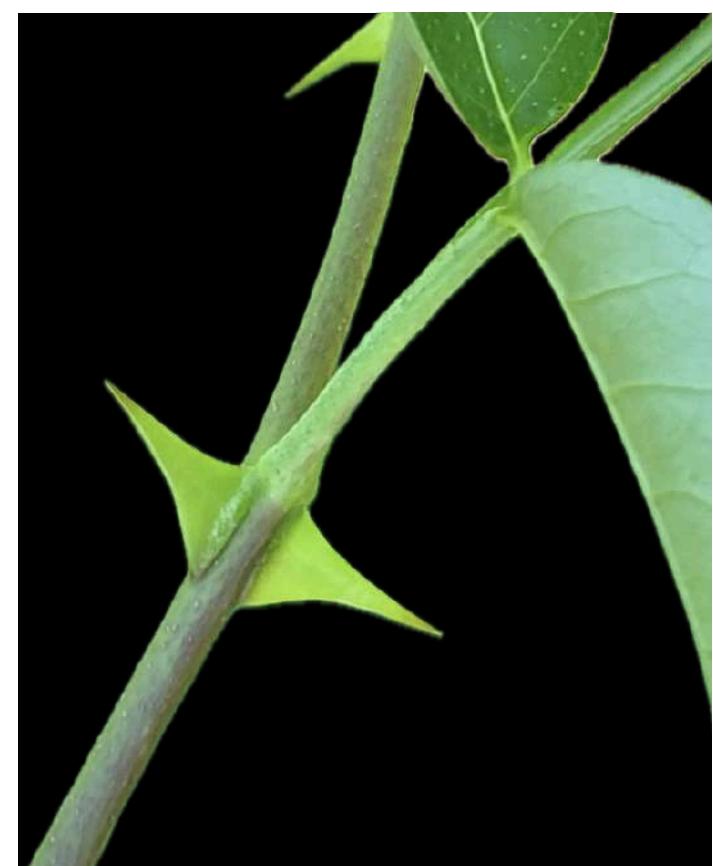


## IDENTIFICATION

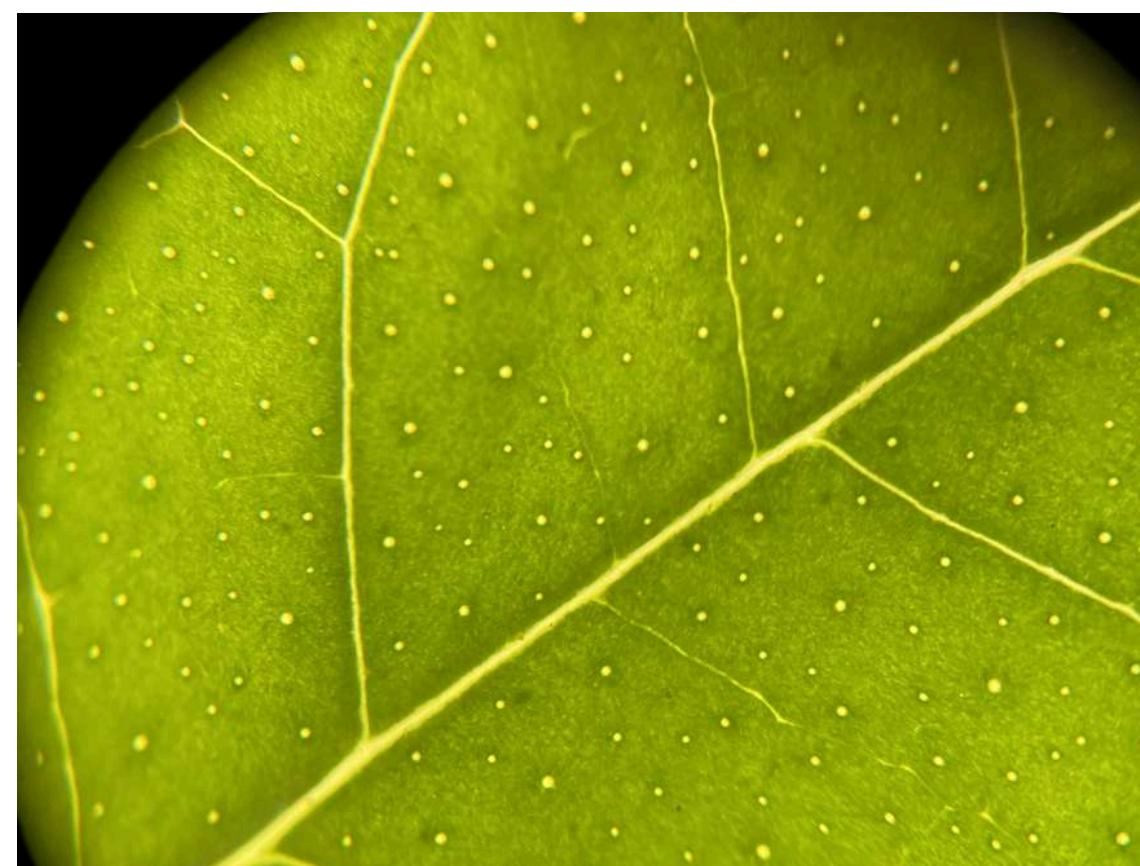
flowers & fruits in terminal panicles



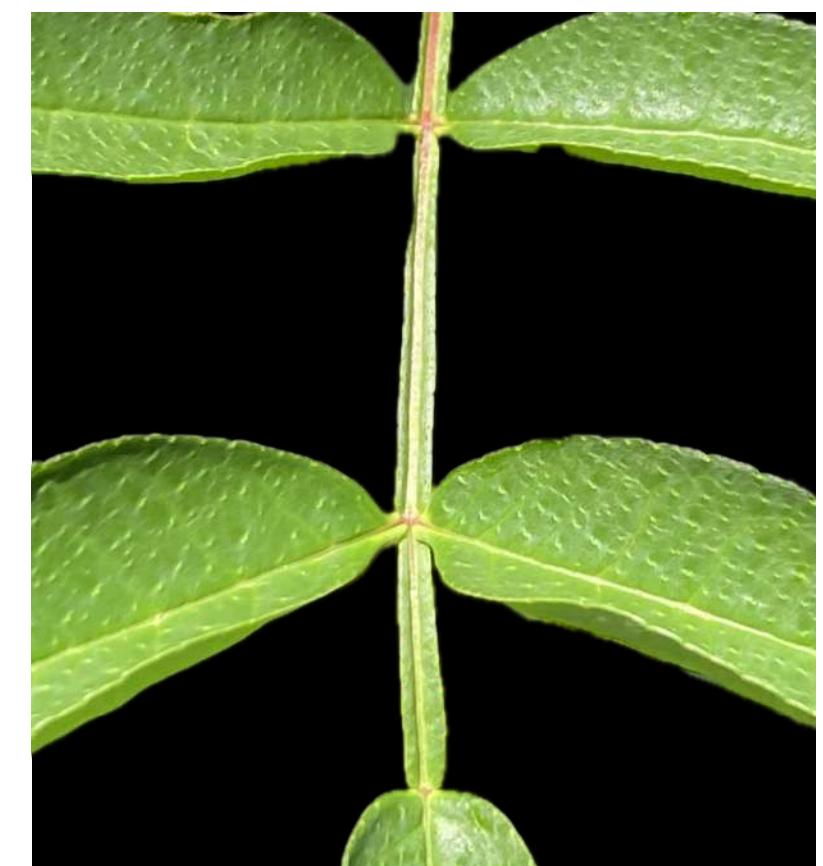
spines broad, at petiole base



leaves with aromatic gland dots



rachis winged



## INVASIVENESS

Native to e. Asia, *Zanthoxylum simulans* is sometimes planted for its spicy fruits. It has escaped cultivation in several states in the Northeast, produces numerous fruits, and shows aggressive resprouting after removal attempts. *Zanthoxylum simulans* should be monitored closely as an emerging invasive.

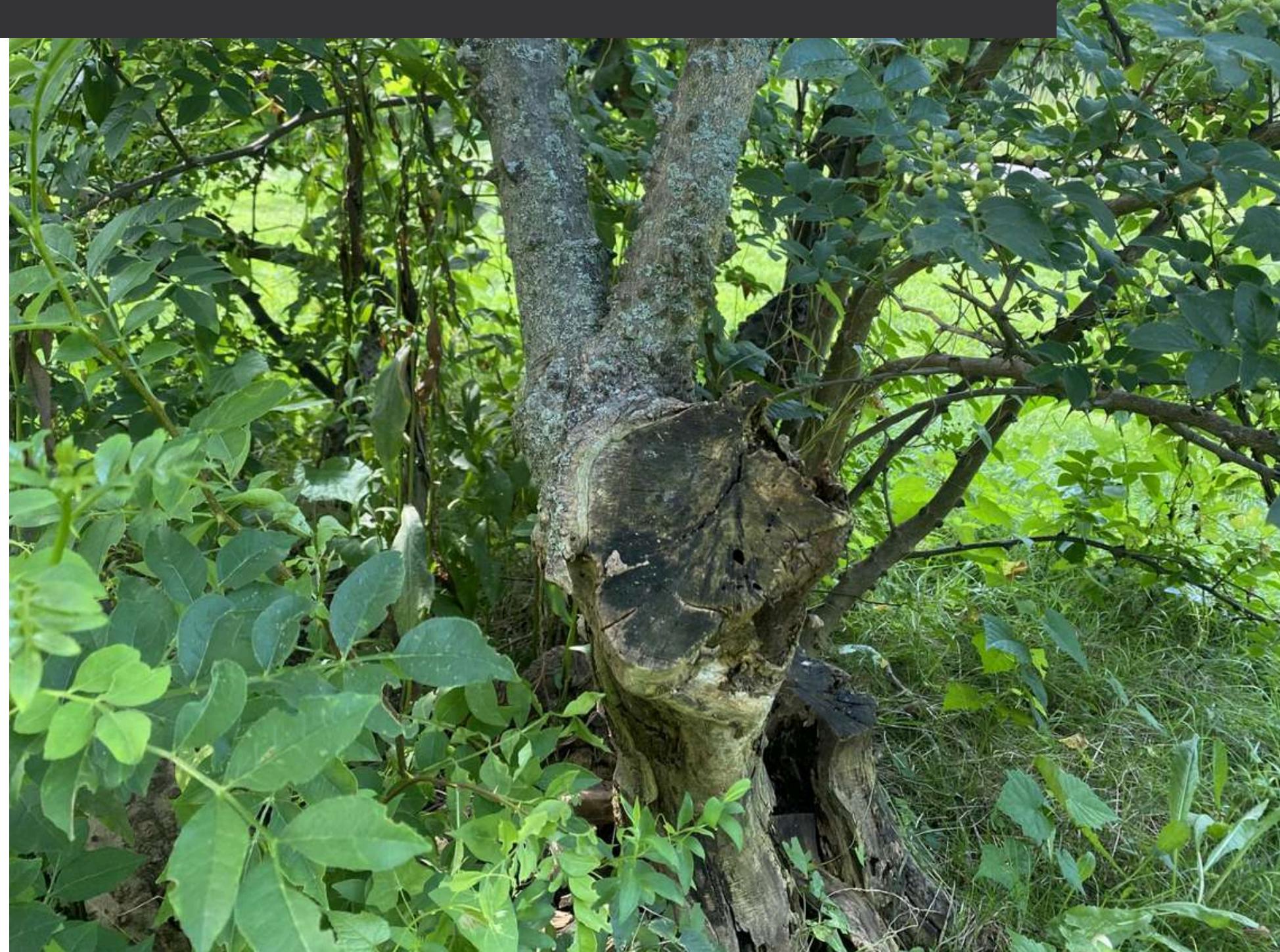
## HABITAT

Riverbanks, roadsides, forest edges, other disturbed areas.

## HOW TO HELP

Report occurrences to your local or state invasive species management agency.

## AGGRESSIVE REGROWTH



## DISTRIBUTION IN NORTHEAST



## SOURCES

Rehder, A. 1990. Rutaceae. In: Manual of Cultivated Trees and Shrubs. Vol. 1.

Samra, K. 2024. Field observations of *Zanthoxylum simulans* at NYBG, MA, 18 July.

Zhang, D., Hartley, T. G., and D. J. Mabberley. 2008. Rutaceae. In: Flora of China. Vol. 11

We gratefully acknowledge financial support for the New Manual project from Mr. and Mrs. Thomas J. Hubbard, and the Richard King Mellon Foundation