

WEBINAR: 8/21/2024  
SCORPION ENVENOMATION; BIOLOGY OF *CENTRUIROIDES*  
*SCULPTURATUS*

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# THE ARIZONA “BARK SCORPION”

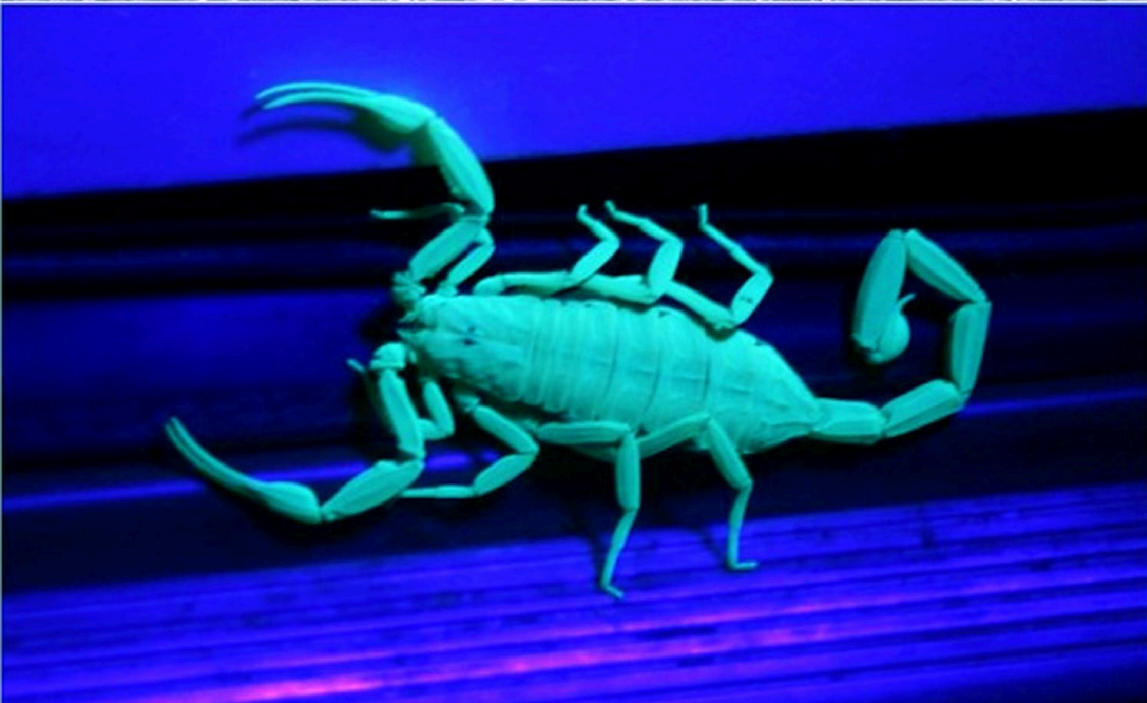
- *Centruroides sculpturatus* is found in Arizona and northern Mexico; less frequently in southern California, Nevada and southwestern New Mexico (not Texas).
- Latin name means long, sharp tail
- Better common name would be “rock scorpion”
- Carries tail curled to the side, not vertical like other species

# *C. SCULPTURATUS*

- Commonly found in rock crevices or under bark in riparian areas
- Does not burrow into the soil like other scorpions
- Communal; other species are solitary and cannibalistic
- The only Arizona scorpion that can climb walls and ceilings

# *C. SCULPTURATUS*

- Differentiated from other species by:
- Yellow to tan color
- Relatively proportionally longer, slender pedipalps



# *C. SCULPTURATUS*

- Within medically important family of Buthidae
- Its venom is not used in current anti-venom (4 other *Centruroides* species from Mexico)
- Can crawl through cracks of 2mm
- Most commonly encountered scorpion in many urban areas of Sonoran Desert and rocky and riparian terrain

# STRIPED SCORPION (*C. VITTATUS*)

