

COLLABORATION IN STEM EDUCATION

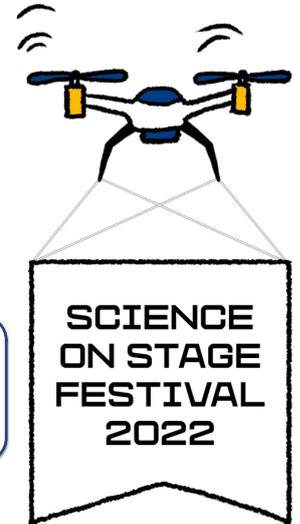
Franziska Langer and Michael Sach | Burggymnasium | Friedberg | Germany

The Yemen chameleon as a Teaching Subject

How long is the tongue of a chameleon actually?

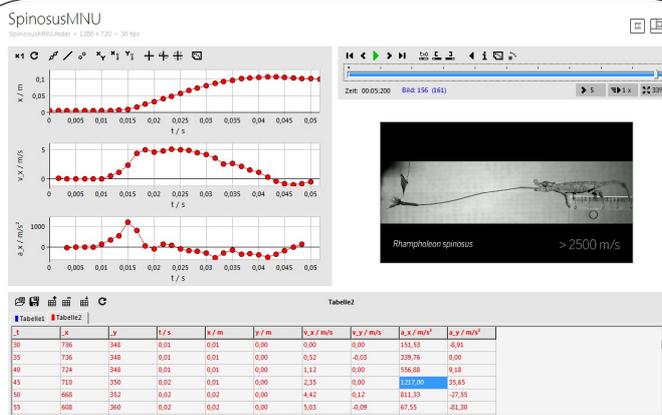
How fast does the tongue shoot out?

To what extent do these measures vary across ♂ individuals?



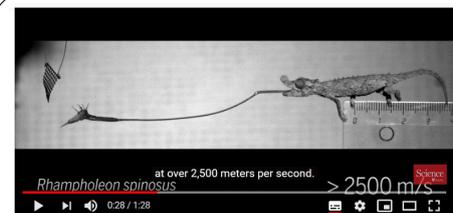
Real

- Ethogram
- Inductive inference to instinctual behavior in prey capture



Digital

- Functional use of digital media
- Own video production and analysis



Tiniest chameleons have fastest tongues

35.784 Aufrufe **DOWNLOAD** 123 **TEILEN** 5 **SPEICHERN** ...

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- Riku0990** vor 3 Jahren
That R. Spinosus is at least 7cm long, not 1cm
3 **ANTWORTEN**
- Neil Conley** vor 3 Jahren
2500 m/s is 9000 km/h which is Mach 7.2. That's completely impossible.
1 **ANTWORTEN**
3 **Antworten ansehen**
- brobbus0** vor 11 Monaten
2,500 meter per second, LOL. Sure. Give me a break.
ANTWORTEN
- cameron Mind** vor 1 Jahr
5500 miles a hour? no
ANTWORTEN

Authentic

- Confrontation with scientific publications
- Creation of authentic problems
- Sensitization for problem-oriented learning tasks

