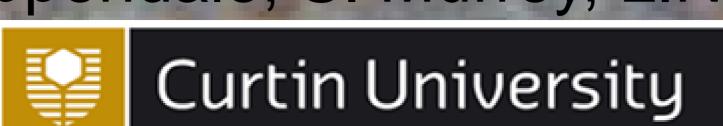
No Diving Allowed: What Predator Escape Decisions Do

Tadpoles Makes In Shallow Water?

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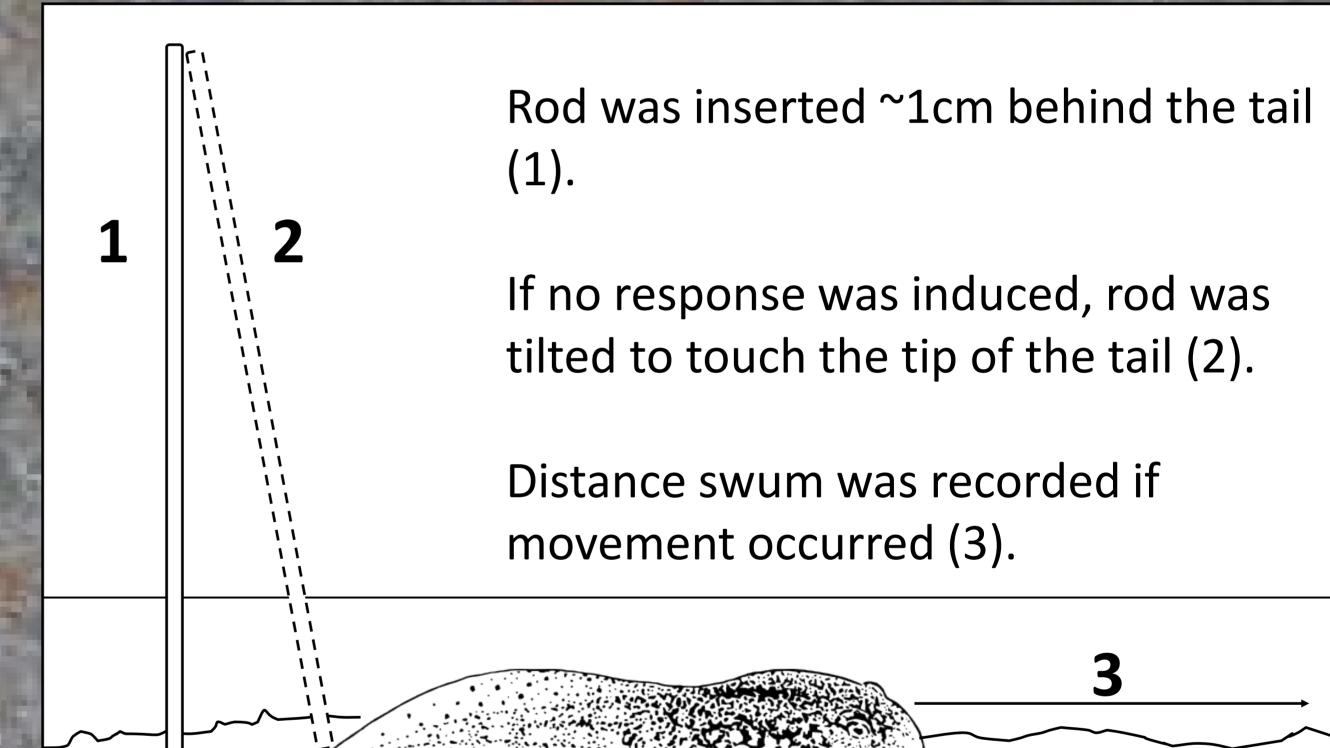


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Tadpoles in shallow water cannot dive to escape predators, as do ones in deep water¹

If attacked from above, what escape options do they have?

Inducing escape responses

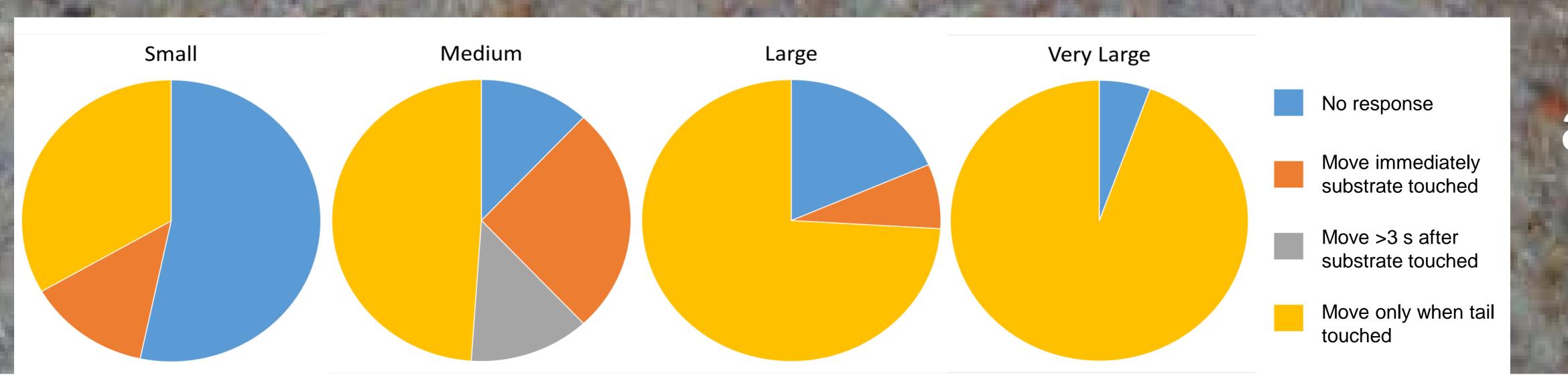


Smaller tadpoles more often remained still when exposed to a simulated predation event. Larger tadpoles more often tended to flee.

As smaller tadpoles have lower burst speeds than larger conspecifics², immobility and reliance on crypsis

may be a successful predator escape tactic.

An initial burst of movement may be a more successful predator escape tactic by larger tadpoles². Escape behaviour of tadpoles



in shallow water appears to change ontogenetically.

¹ Bateman, P. W., & Fleming, P. A. (2014). Body size and group size of Cuban tree frog (Osteopilus septentrionalis) tadpoles influence their escape behaviour. Acta Ethologica, 18(2), 161-166