

Ambushing the Supply Line: A Report on *Anolis Sagrei* Predation on  
Ants in Chiayi County, Taiwan

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Abstract

502 brown anoles (*Anolis sagrei*) were collected for stomach content analysis from an area surrounding a plant nursery (23°25'51" N 120°28'30" E) in Santzepu, Sheishan District, Chiayi County, as part of an ongoing study on this invasive species. The stomachs of 240 lizards contained ants, which were isolated for identification to establish a basis upon which future studies on ant predation by *A. sagrei* in Taiwan can be based. These ants comprised of 1428 individuals from 5 subfamilies, of which the majority belonged to Myrmicinae. The species, *Pheidole megacephala* made up the largest proportion of ants (66.9%), followed by *Pheidole pieli* (27.14%), *Tapinoma indicum* (1.54%), *Solenopsis geminata* (1.33%), and *Polyrhachis illaudata* (1.19%). The remaining species individually made up less than 1% of the ants collected from the lizards' stomachs.

Key words : *Norops sagrei*; *Japalura swinhonis*; Competition; Ambush predator; Invasive species