PARASITE DIVERSITY OF LIZARDS FOUND IN AMUYONG FOREST, ALFONSO, CAVITE, PHILIPPINES

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STIFFANI S. AQUINO
ANNE KAMILLE TANES

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ABSTRACT

Parasite Diversity of Lizards found in Amuyong Forest, Alfonso, Cavite Philippines was studied from July 2010 to January 2011. Five species were observed (*Cyrtodactylus philippinicus, Gekko mindorensis, Sphenomorphous jagori,* and *Bracymeles talinis*). Threadworms and pinworms (*Spauligodon* spp.*)* were determined as the most common parasite load of lizard in the area. Nematode was present in *C. philippinicus, G. mindorensis,* and *S. jagori* while fluke is only found in *S. jagori* and *B. talinis*. Ectoparasite was only seen in *G. mindorensis.* Lizard parasite diversity is 1.609 (Shannon – Wiener) for the 4 main parasite groups. The H_{max} value for lizard distribution is 1.94 while the computed value of the actual lizard distribution is 1.32 (69%). The computed E (evenness value) is 0.959.

Keywords: Amuyong Forest, Ectoparasite, Endoparasite, Lizard, Parasites, Parasite Diversity

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