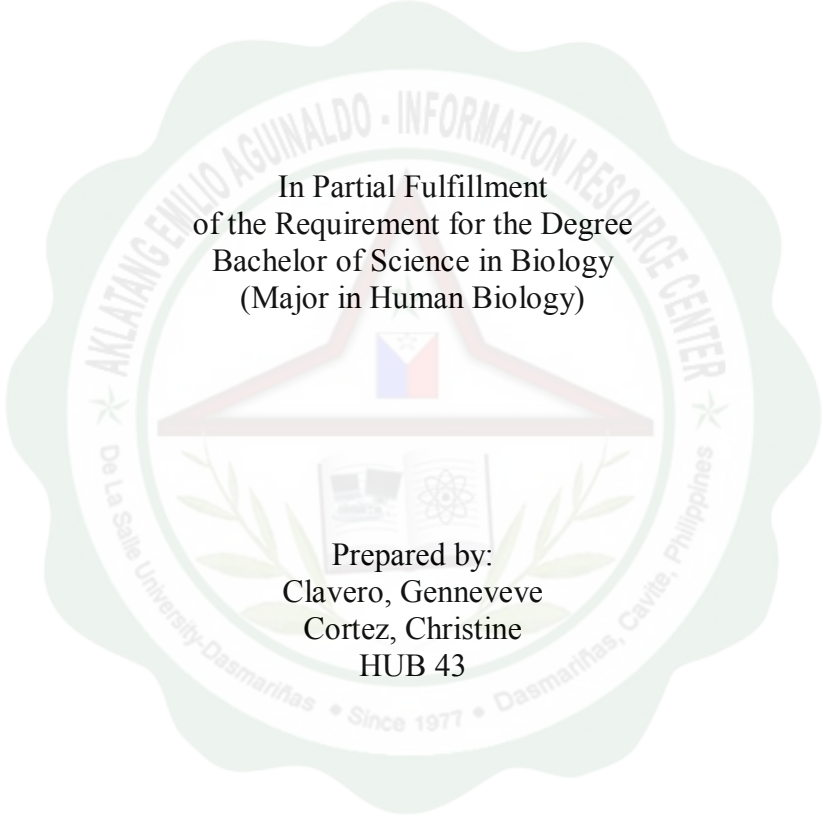


DETECTION OF ENDOPARASITES IN THE FECES OF DOMESTICATED AND STRAY
DOGS IN CAMELLA HOMES MOLINO III, BACOR CAVITE.

An Undergraduate Research Presented to
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ABSTRACT

Fecal samples from 20 stray and 20 domesticated dogs obtained from Camella Homes, Bacoor, Cavite were examined. Presence and identification of the endoparasites found were recorded based on parasitic forms (helminth eggs and sporozoan oocysts) found in the feces. Seventy percent of the stray dogs and only 30% of domesticated dogs were infected with more than one parasite. Among the detected endoparasites, the apicomplexan, *Isospora* spp. had the highest prevalence rate with 70% among domesticated dogs and 20% in stray dogs, while 50% of the stray dogs and only 10% of the domesticated dogs had the presences of *Toxocara canis*, a roundworm. *Trichuris vulpis* had a prevalence rate (40% in stray and 30% in domesticated dogs), followed by *Ancylostoma caninum*, with 15% and 20% in stray and domestic dogs, respectively. Other endoparasites detected were; *Physaloptera* spp. (15% in stray and 10% in domesticated dogs), *Dipylidium caninum* (20% prevalence rate in stray and no presence in domesticated dogs), *Taenia pisiformis* (15% in stray dogs) *Spirometra* spp. (10% in stray dogs), *Uncinaria stenocephala* (5% in stray dogs).

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