



Urmia University

Faculty of Veterinary Medicine

Department of Pathobiology

The Thesis Submitted to Graduate For The Degree of M.Sc. In  
Veterinary Parasitology.

Title:

**Investigation on external and internal parasites of wild  
pigeon(*Columba livia*) and Dove (*Streptopelia senegalensis*) in  
urmia city**

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February 2015

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## Abstract

Fourty five wild pigeons (*Columba livia*) and Fourty five doves (*Streptopelia senegalensis*) were examined for internal and external parasitic infections. This study was carried out during February and May 2012, and June 2015 in Urmia city West Azerbaijan of Iran. All collected birds were examined in parasitology labratory of Faculty of Veterinary Medicine, Urmia university. The results were indicated that (17/76%) and (24/44%) of wild pigeons were infected to *Pseudolynchia*, and *Columbicola columbae*. The results showed that (8/88%) of doves were infected with *Columbicola columbae*. (4/44%) and (26/64%) of wild pigeons and doves were infected to *Tricomonas galinae*. The results also indicated (13/32%) and (6/66%) of wild pigeons and doves were infected with *Eimeria* spp. Only one cestode (*Raillietina magninomida*) was reported from (11/11%) examined of wild pigeons. More studies should be done on distribution of parasites infection effect on these wild birds the region.

Keyword: Ecto parasites , Endo Parasites , *Columba livia*, *Streptophelia senegalensis*, Urmia. Iran