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Dual Infection with *Capillaria* and *Heterakis* in Zoo Rock Partridges (*Alectoris graeca*)

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Two adult female rock partridges raised at a city zoo were examined parasitologically and pathologically. Two distinctive eggs resembling those of *Capillaria* and *Heterakis* were detected in the feces. At necropsy, a markedly dilated duodenum with severe catarrhal exudates containing adult worms of *Capillaria* sp. and the cecum with those of *Heterakis* sp. were noted. The male *Capillaria* was characterized by the cloacal aperture almost terminal with a small bursal lobe, and the spicule was ensheathed which had transverse folds without spines. Female *Capillaria* was 10-13 mm long and had a vulva that was slightly prominent and slightly posterior to the union of the esophagus and the intestine. The esophagus of adult *Capillaria* was more than half as long as the body in the male and shorter in the female. These morphological features of adult *Capillaria* were identical to those of *Capillaria obsignata* except for bigger size of eggs which measured 49.6 x 30.5 μm on average. The unique morphological feature of the male adult *Heterakis* worm, on the other hand, was two dissimilar spicules, the right one being considerably longer than the left one, a characteristic feature of *Heterakis gallinarum*. This is the first parasitological and pathological report of dual infection with *Capillaria obsignata* and *Heterakis gallinarium* in rock partridges.

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