

Research Note**Hematological Values of Chestnut Mannikin (*Lonchura malacca*)
Caught in Laguna**

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ABSTRACT

Twenty-nine samples (18 males and 11 females) of chestnut mannikin (*Lonchura Malacca*) were collected from Los Baños, Laguna. The birds were tested for blood value parameters. The parameters tested for were the red blood cell count, hemoglobin value, hematocrit, white blood cell count, and differential leukocyte count. Secondary values such as mean cell volume, mean cell hemoglobin concentration were calculated from the red blood cell count, hemoglobin value and hematocrit. The mean values obtained for each parameter are the following: 4.967 million cells/mm³ red blood cells, 43.75% PCV, 14.37 g/dL hemoglobin, 88.12 pg MCV, 28.97fl MCH and 32.915 g/L MCHC. Total and differential white blood cell counts are the following: 10120.69 cells/mm³, 8130.170 heterophils, 1943.966 lymphocytes, 13.62 monocytes, 34 eosinophils and no basophils were found. The study reveals that there is no significant difference on the values obtained between male and female chestnut mannikins.

Key words: chestnut manikin, blood, hematological values, Laguna

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