

J. A. Alonso, J. C. Alonso, R. Muñoz-Pulido, M. A. Naveso, M. Abelenda, V. Huecas and M. L. Puerta. 1990. Hematology and blood chemistry of free-living young great bustards (*Otis tarda*). *Comparative Biochemistry and Physiology Part A: Physiology*. Vol. 97: 611-613.

### **Abstract**

1. 1. We studied the hematology and blood chemistry of young Great Bustards (*Otis tarda*).
2. 2. Red cell numbers (2,460,000 cell/mm<sup>3</sup>), hemoglobin content (11.7g/100ml) and hematocrit (41%) are smaller than in previously studied captive adults, whereas leukocytes numbers (11,000 cell/mm<sup>3</sup>) are lower.
3. 3. Heterophils (38%) and lymphocytes (47%) are in similar proportions. Eosinophils are also abundant (14%), the other white cell types being more scarce (basophils 2%, monocytes 4%).
4. 4. Plasma uric acid level (22mg/100ml) is higher than urea level (17mg/100ml). Cholesterol and triglycérides plasma concentrations are 132 and 83mg/100ml, respectively.
5. 5. Plasma protein levels (3.6g/100ml) are similar to that previously found in adult captive animals.

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