

Is haemoglobin a reliable index for assessing body condition in birds?

Sonia Wandosell, Roger Fusté, Javier Sierro, Lorenzo Pérez Rodríguez, Diego Gil.

Main references:

1. Minias, P. (2015). The use of haemoglobin concentrations to assess physiological condition in birds: a review. *Conserv Physiol*, 3, 15.
2. Johnstone, C.P., Lill, A. & Reina, R.D. (2017). Use of erythrocyte indicators of health and condition in vertebrate ecophysiology: a review and appraisal. *Biol Rev Camb Philos Soc*, 92, 150–168.

Other references:

Fair, J., Whitaker, S. & Pearson, B. (2007). Sources of variation in haematocrit in birds. *Ibis*, 149, 535–552.

Johnstone, C.P., Lill, A. & Reina, R.D. (2012). Does habitat fragmentation cause stress in the agile antechinus? A haematological approach. *J Comp Physiol B*, 182, 139–155.

Lill, A., Rajchl, K., Yachou-Wos, L. & Johnstone, C.P. (2013). Are Haematocrit and Haemoglobin Concentration Reliable Body Condition Indicators in Nestlings: The Welcome Swallow as a Case Study. *Avian Biology Research*, 6, 57–66.