

## **Abstract**

Malarial diseases caused by intracellular parasites of birds is very common. Even if infection doesn't lead to the death of infected individuals, they may suffer alternations of different levels of fitness, which may also consequently harm their reproductive success rates. Infected individuals, due to their poor physical condition, may lay lower quality eggs, breed less viable offspring, have reduced frequency of feeding their chicks, etc. While it may seem that malarial parasites undoubtedly negatively affect their hosts's reproduction, there are numerous studies which do not support such prediction. These differences in individual studies may be due to various testing methods used in the indicated studies. Because of various testing methods, there also may appear other possible problems which can more or less affect the detection rate of malaria parasites.