Table S1. Spearman correlations among morphological and physiological variables and feather mite loads in fledged (unshaded) and nestling (shaded) great tits (*Parus major*). Significant correlations are presented in bold.

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Body mass (g) | Body condition | Total mite score | Primary feather mite load | Secondary and tertiary feather mite load | Hct (%) | Protein (mg/mL) | Hb (g/L) | GPx (µmol ⁄ min ⁄ g haemoglobin) | WBC | H/L |
| Body mass (g) |  | **0.872** | -0.158 | -0.190 | -0.154 | -0.181 | -0.166 | 0.120 | 0.146 | -0.017 | -0.060 |
| Body condition | **0.924** |  | -0.161 | **-0.247** | -0.107 | -0.036 | **-0.265** | 0.024 | 0.073 | -0.030 | 0.024 |
| Total feather mite load | - | - |  | **0.719** | **0.901** | 0.177 | -0.081 | 0.062 | -0.019 | 0.116 | -0.005 |
| Primary feather mite  load | - | - | - |  | **0.439** | 0.115 | -0.012 | 0.137 | 0.005 | -0.062 | -0.133 |
| Secondary and tertiary feather mite load | - | - | - | - |  | 0.134 | -0.122 | 0.052 | 0.009 | 0.153 | 0.008 |
| Hct (%) | 0.043 | -0.018 | - | - | - |  | 0.204 | -0.113 | 0.104 | **0.372** | 0.088 |
| Protein (mg/mL) | **0.367** | **0.355** | - | - | - | 0.173 |  | -0.212 | 0.153 | 0.018 | 0.039 |
| Hb (g/L) | **0.427** | **0.381** | - | - | - | 0.116 | 0.194 |  | -0.106 | -0.081 | -0.044 |
| GPx (µmol ⁄ min ⁄ g haemoglobin) | **-0.354** | **-0.360** | - | - | - | 0.026 | 0.104 | **-0.311** |  | 0.037 | 0.020 |
| WBC | 0.183 | 0.218 | - | - | - | **-0.285** | 0.018 | -0.121 | -0.456 |  | 0.158 |
| H/L | **-0.384** | -0.233 | - | - | - | -0.278 | 0.114 | -0.109 | 0.045 | -0.046 |  |