**Table S4:** General Linear Model (GLM), involving three factors (Year, Species, Sex) one

 continuous covariate (Ambient temperature) and all two-way interactions. Data from Klingavälsåns

 Naturreservat from the summers of 2009 and 2010 (N = 200). The significant Species \* Ambient

 temperature interaction in the table is illustrated in Fig. 6C (see Results). This interaction show that the

 two species (*C. splendens* and *C. virgo*) differ significantly in the slopes of their thermal reaction norms.

 Full model: r2 = 0.216; F10,189 = 6.481; *P* < 0.001.

|  |  |
| --- | --- |
| Effect  |   |
| SS  | Degr. of Freedom  | MS  | F  | p  |
| Intercept  | *70,765*  | *1*  | *70,7653*  | *4,22201*  | *0,041279*  |
| Year  | *194,666*  | *1*  | *194,6658*  | *11,61417*  | *0,000800*  |
| Species  | *276,489*  | *1*  | *276,4891*  | *16,49592*  | *0,000071*  |
| Sex  | 19,023  | 1  | 19,0226  | 1,13493  | 0,288086  |
| Ambient temperature  | *87,241*  | *1*  | *87,2407*  | *5,20497*  | *0,023637*  |
| Year\*Species  | *111,677*  | *1*  | *111,6766*  | *6,66286*  | *0,010602*  |
| Year\*Sex  | 14,134  | 1  | 14,1344  | 0,84329  | 0,359628  |
| Species\*Sex  | 5,904  | 1  | 5,9039  | 0,35224  | 0,553558  |
| Year\*Ambient temperature  | *166,596*  | *1*  | *166,5958*  | *9,93946*  | *0,001882*  |
| Species\*Ambient temperature  | *255,562*  | *1*  | *255,5618*  | *15,24736*  | *0,000131*  |
| Sex\*Ambient temperature  | 16,473  | 1  | 16,4729  | 0,98281  | 0,322774  |
| Error  | 3167,840  | 189  | 16,7611  |  |  |