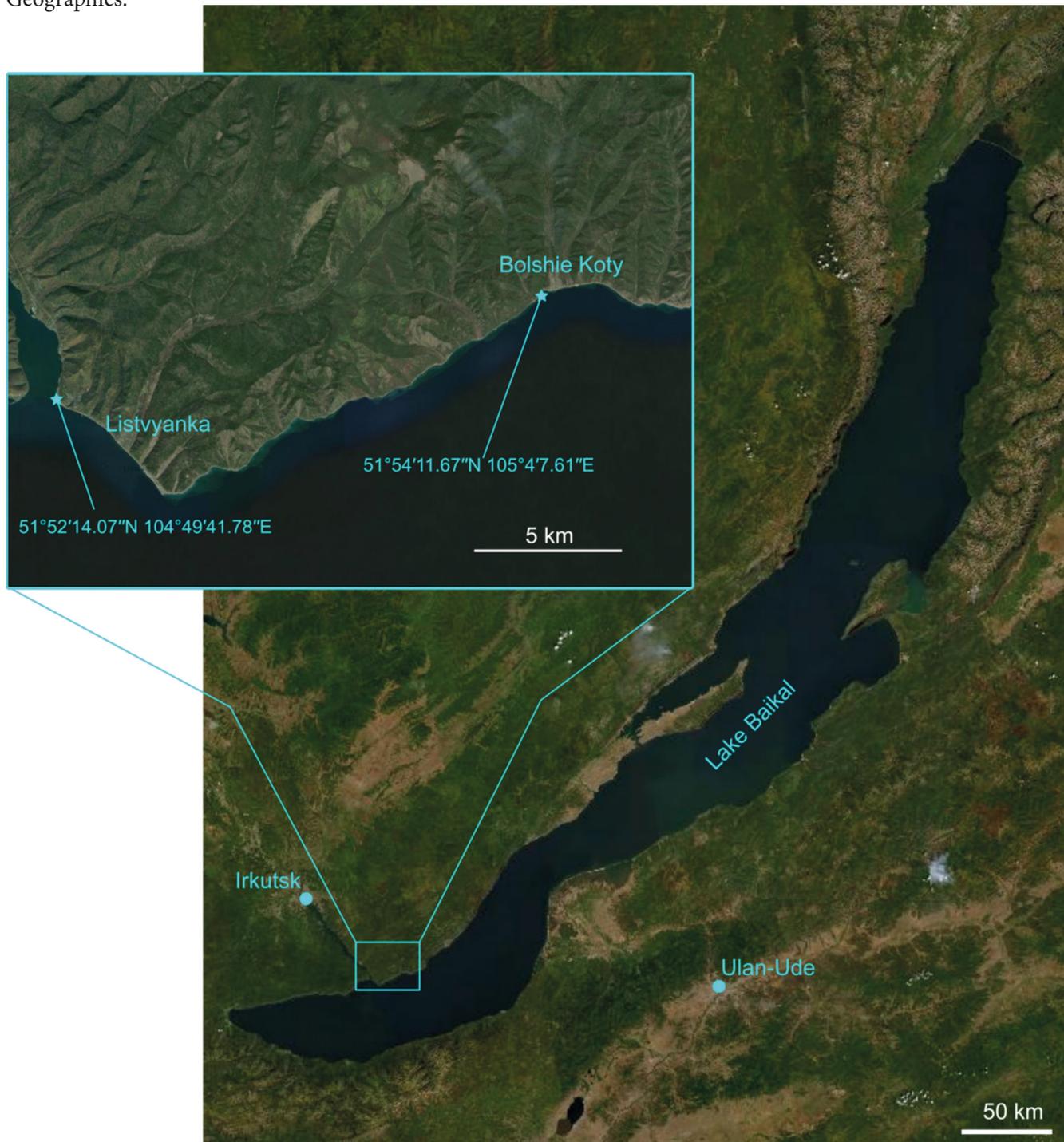


## SUPPLEMENTS

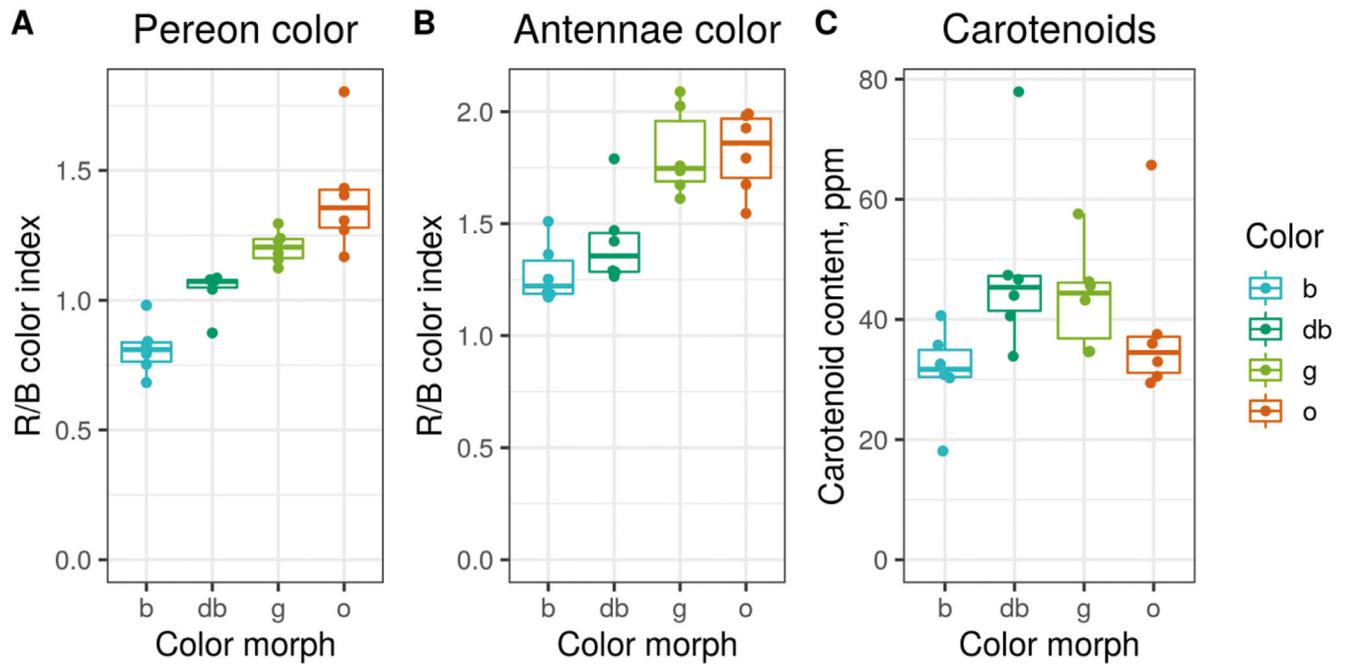
### Diet affects body color and energy metabolism in the Baikal endemic amphipod *Eulimnogammarus cyaneus* maintained in laboratory conditions

Alexandra Saranchina, Polina Drozdova, Andrei Mutin, and Maxim Timofeyev

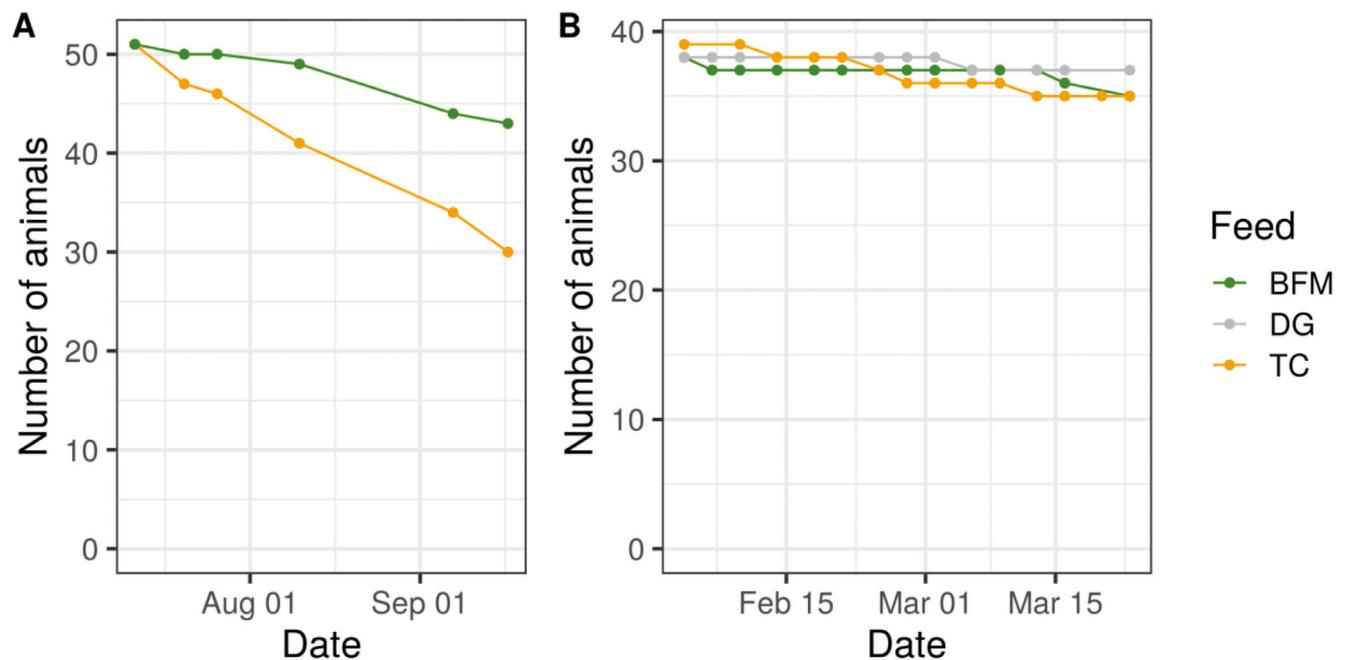
**Fig. S1.** Map of the sampling places (marked with asterisks). The aerial maps were prepared using ArcGIS Online ([www.arcgis.com](http://www.arcgis.com)) and are based on data from Esri ([www.esri.com](http://www.esri.com)) and their data providers: USGS, NGA, NASA, CGIAR, GEBCO, N Robinson, NCEAS, NLS, OS, NMA, Geodatastyrelsen, the GIS User Community, Earthstar Geographics.



**Fig. S2.** Color index of pereon (A) and antennae (B), and total carotenoid content (C) in the representatives of four color morphs of *E. cyaneus*. b, db, g, and o represent subjective color morphs (blue, dark blue, green, and orange, respectively).



**Fig. S3.** Survival of animals in the two experiments. BFM, Baikal feed mixture; DG, dried *Gammarus* sp.; and TC, TetraCrusta.



**Fig. S4.** Wet weight of animals fed with different diets. (A) shows the results of the first feeding experiment (summer cohort), while (B) shows the results of the second experiment (winter cohort). BFM, Baikal feed mixture; DG, dried *Gammarus* sp.; and TC, TetraCrusta.

