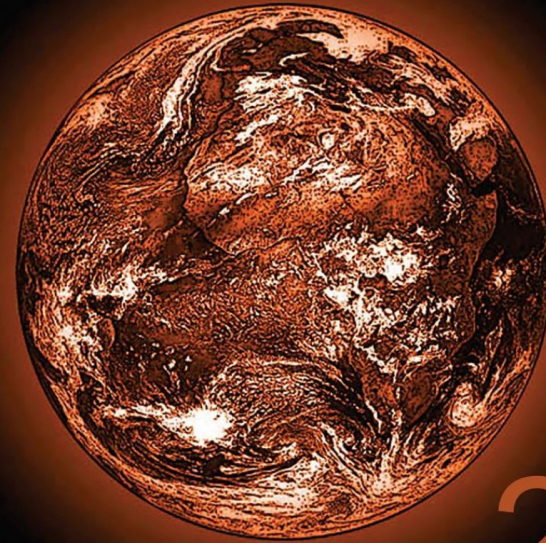


"Effecten van opwarming op waterinsecten en vissen door een zuurstof bril bekeken"

Wilco Verberk



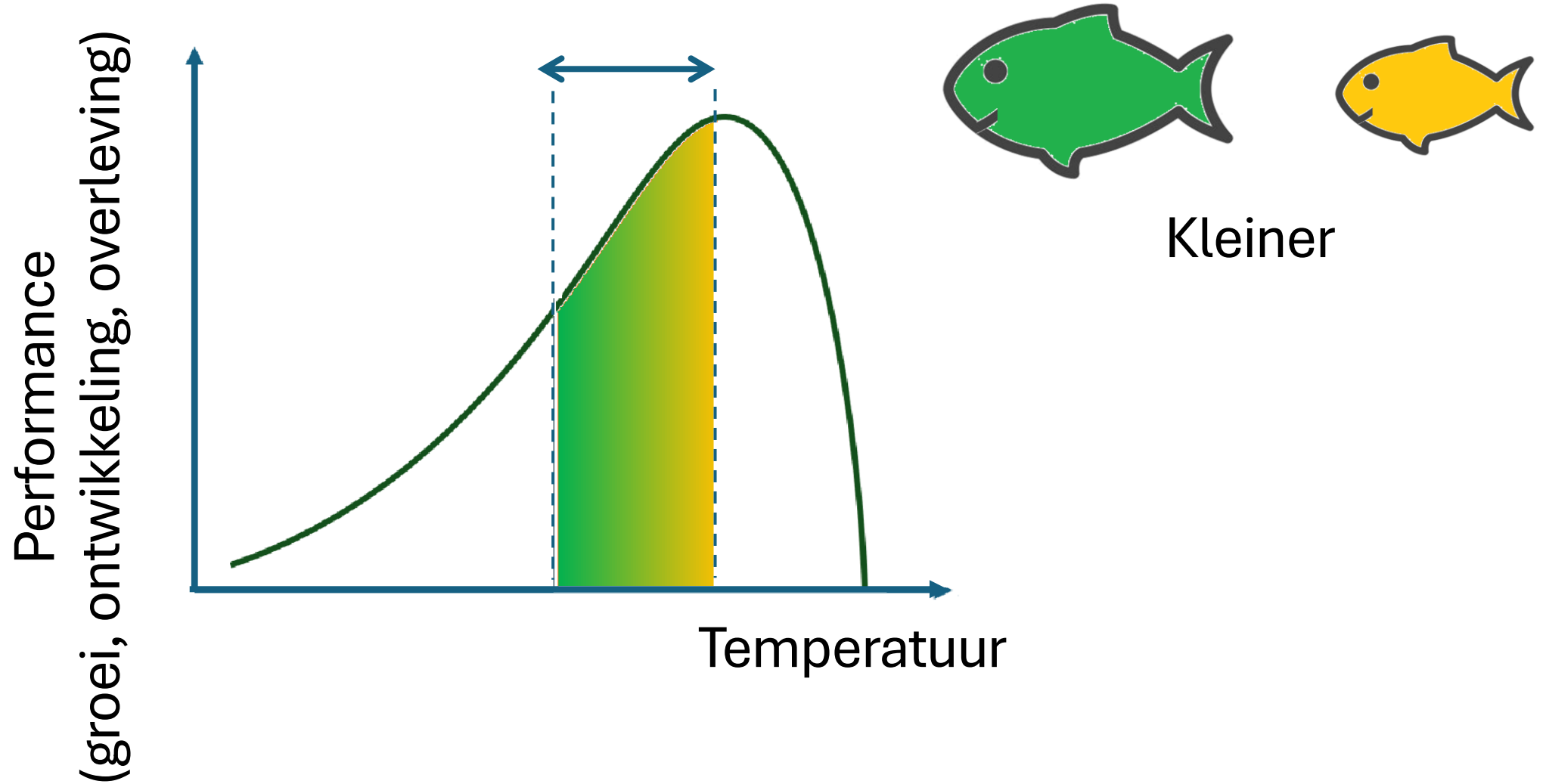
2

Volume 243, Number 2
October 2022

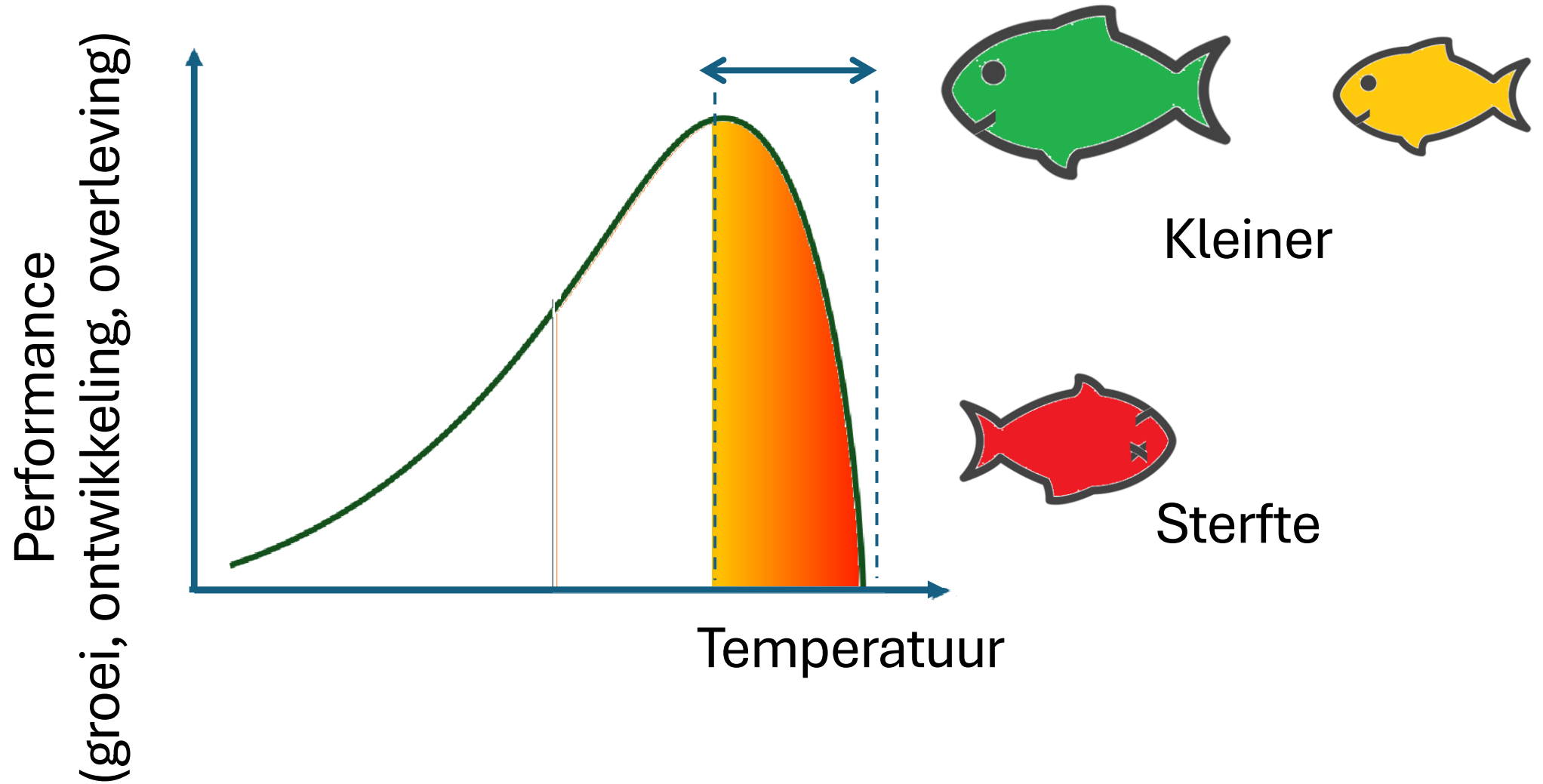
Published by the University of Chicago Press



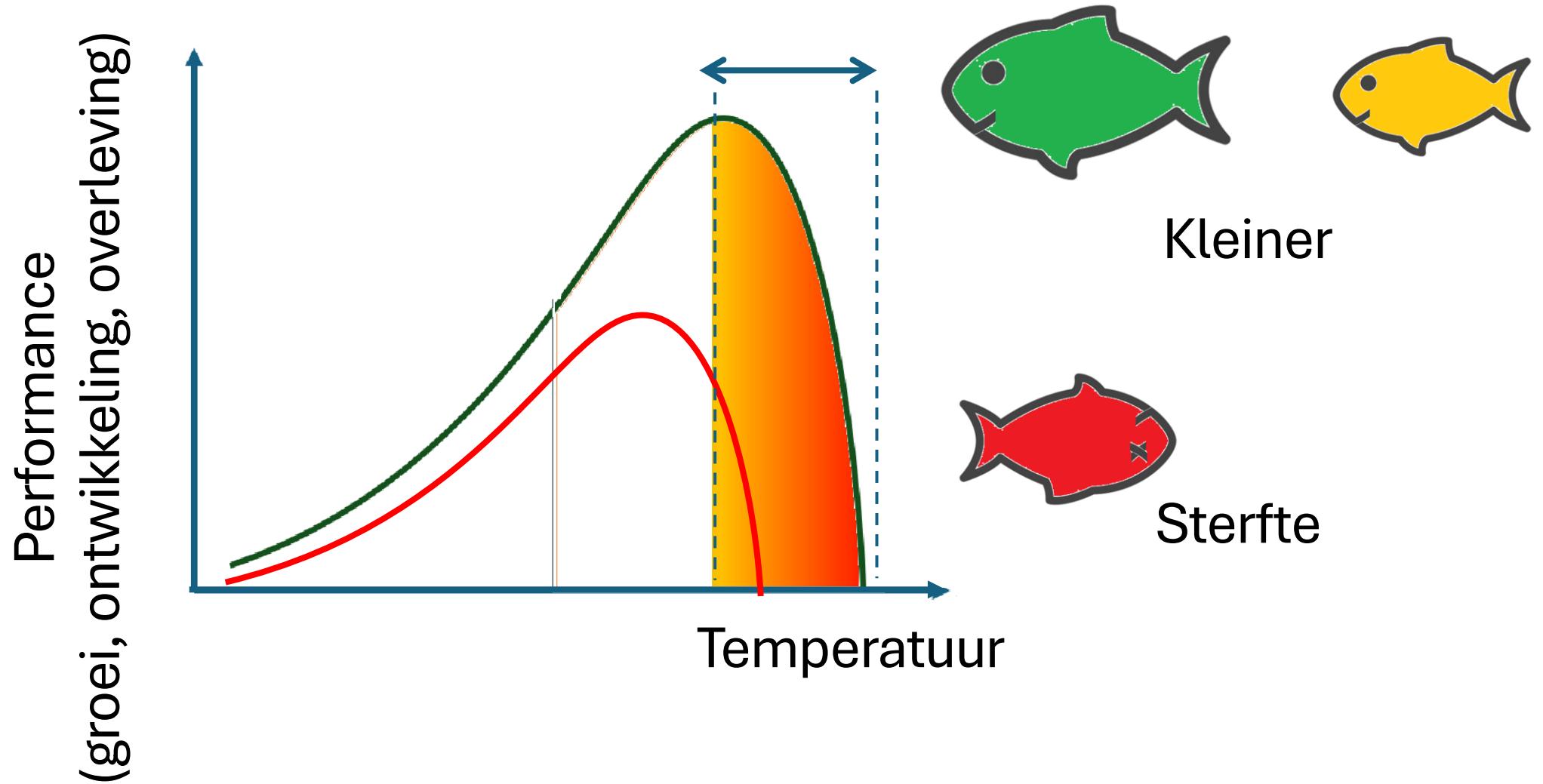
Thermal Performance Curve



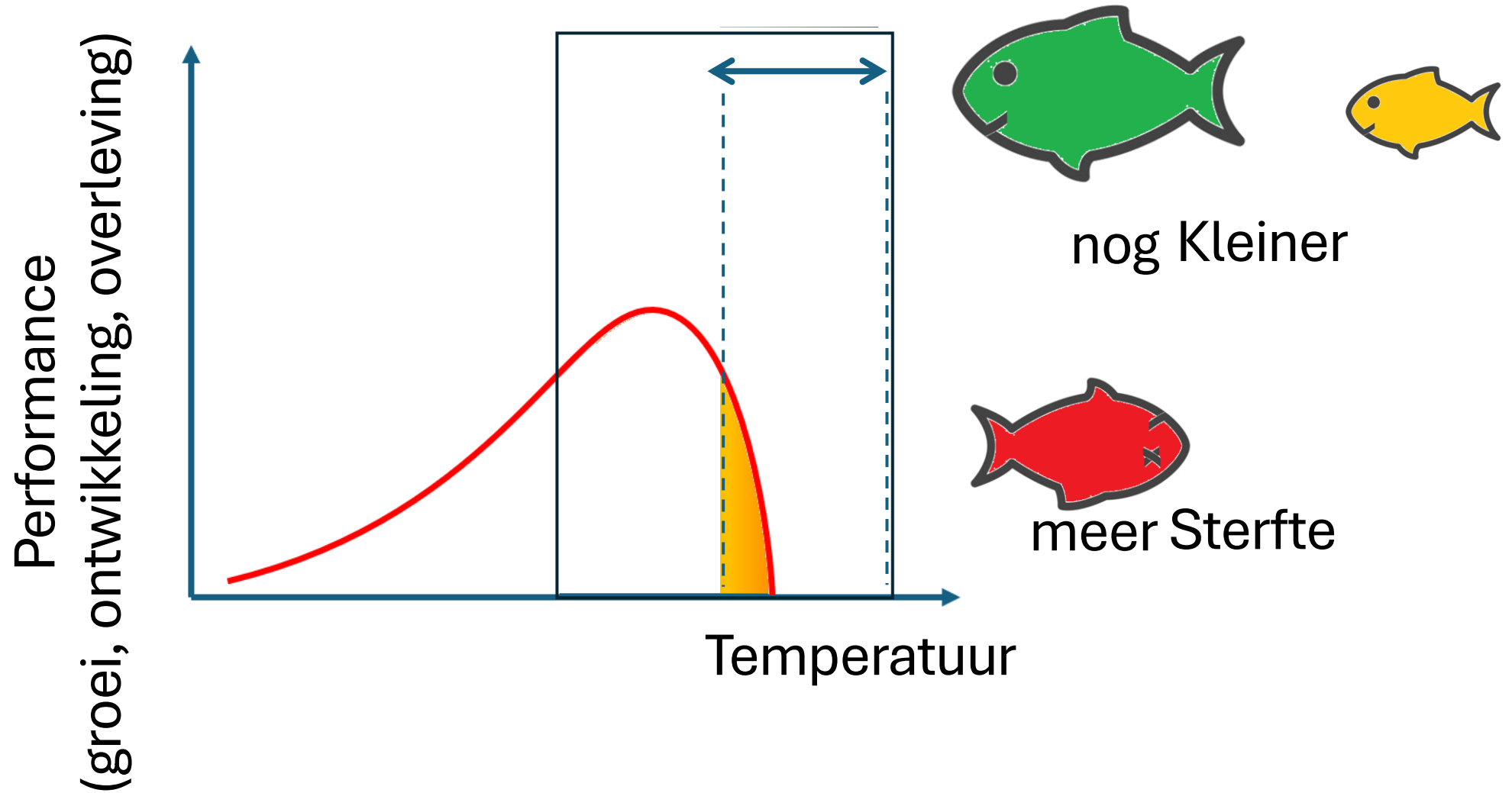
Thermal Performance Curve



Thermal Performance Curve



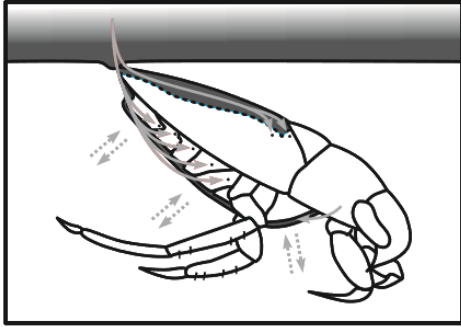
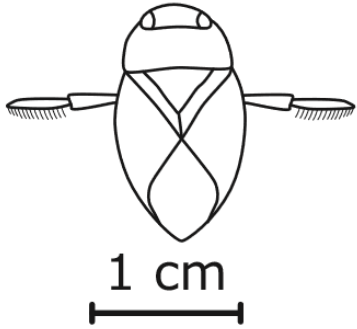
Thermal Performance Curve



Voorbeeld: Temperatuur tolerantie bij waterwantsen

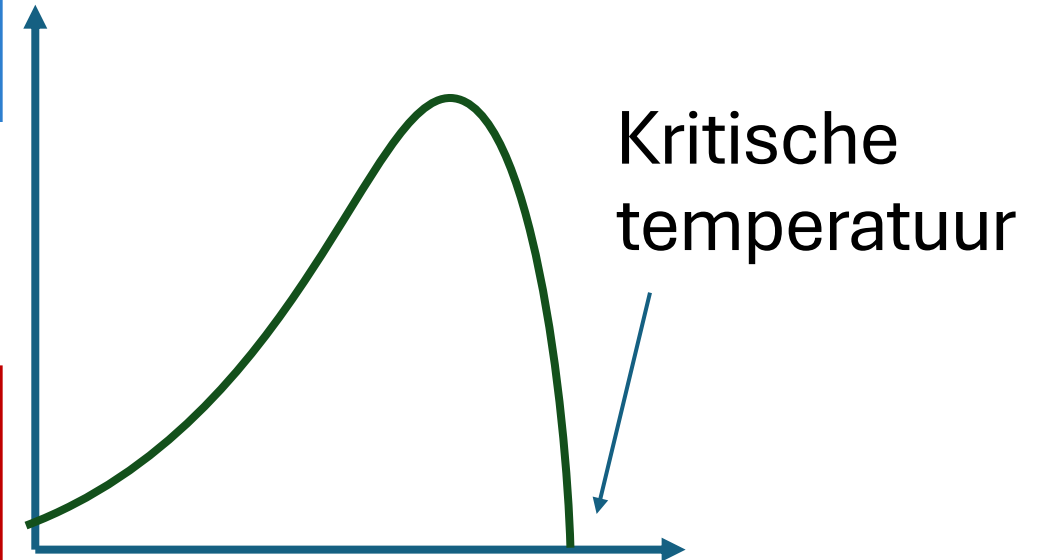
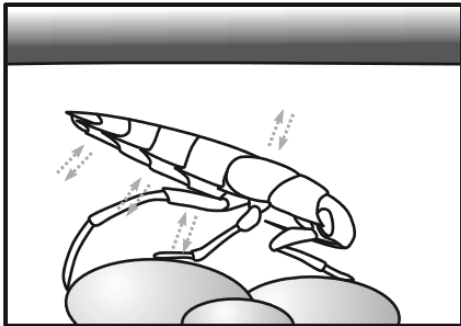
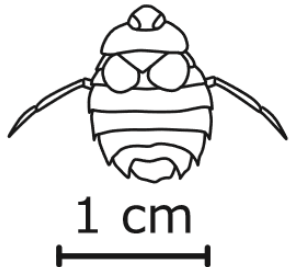
Ilyocoris cimicoides

(surface exchanger and physical gill)

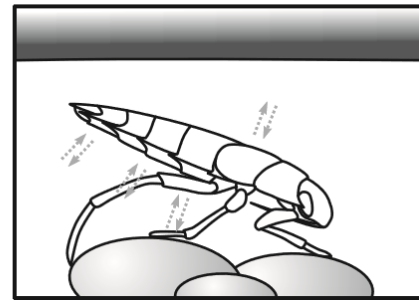
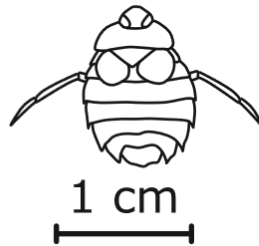
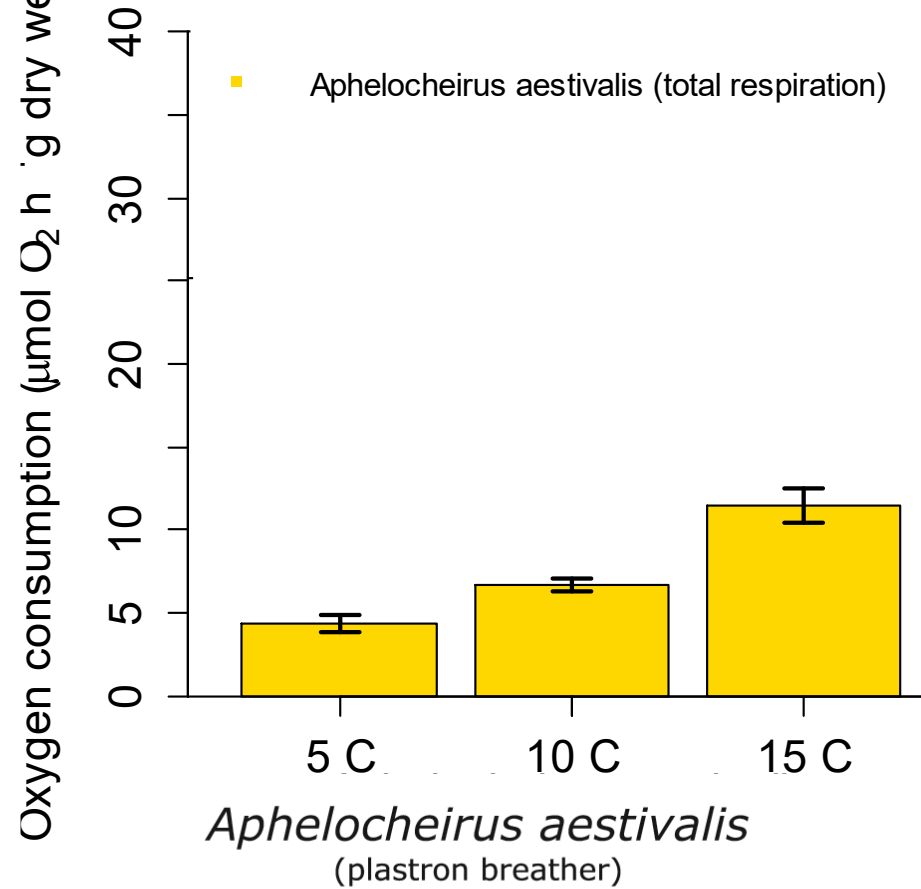


Aphelocheirus aestivalis

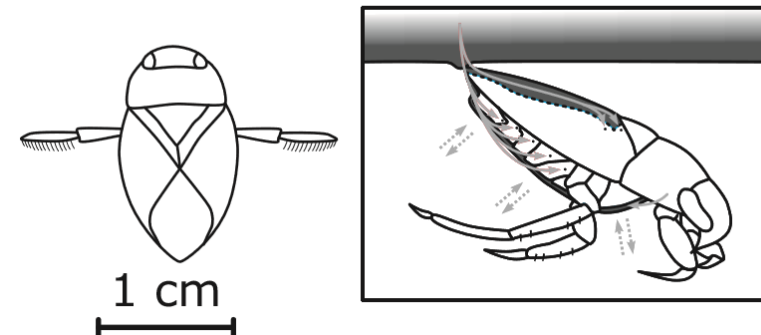
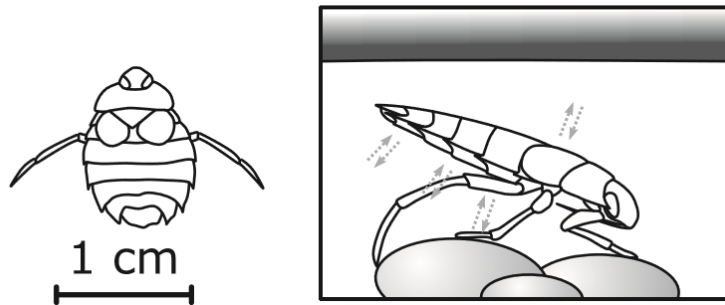
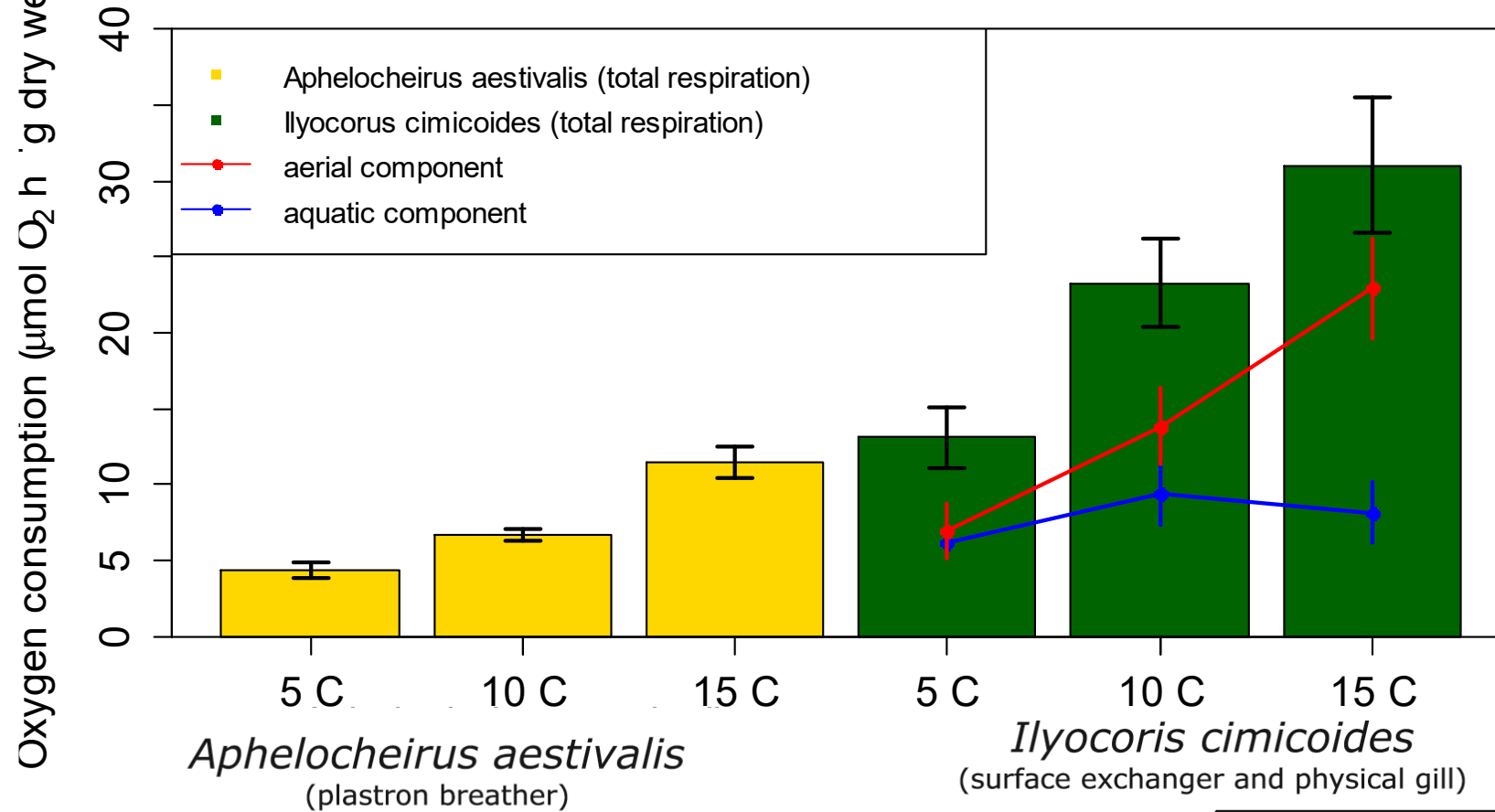
(plastron breather)



Meer zuurstofvraag bij hogere watertemperaturen

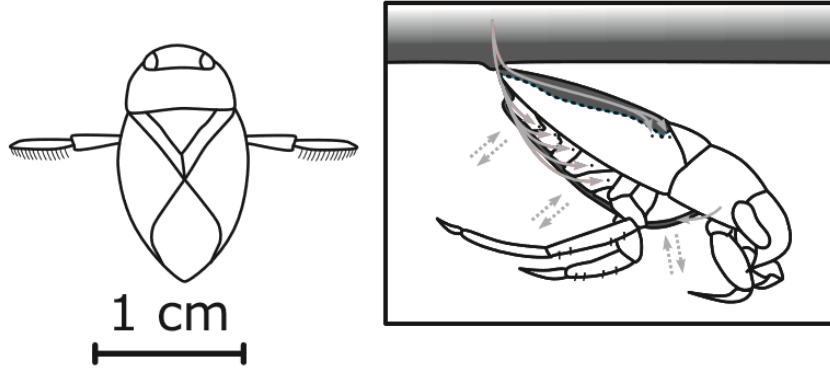


Meer zuurstofvraag bij hogere watertemperaturen

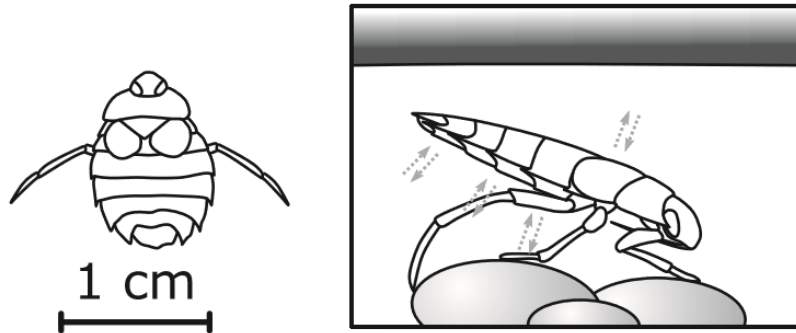


Oxygen and thermal stress

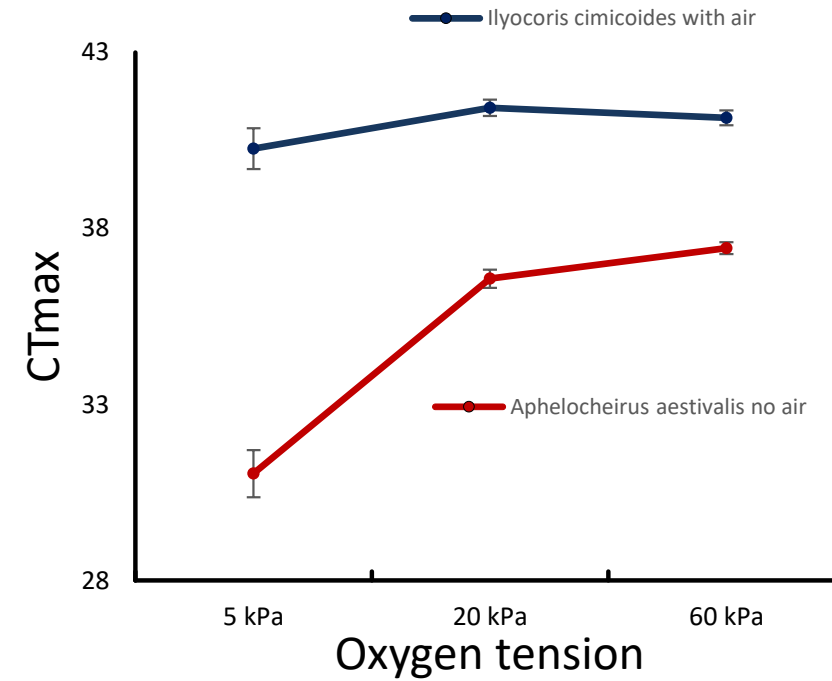
Ilyocoris cimicoides
(surface exchanger and physical gill)



Aphelocheirus aestivalis
(plastron breather)

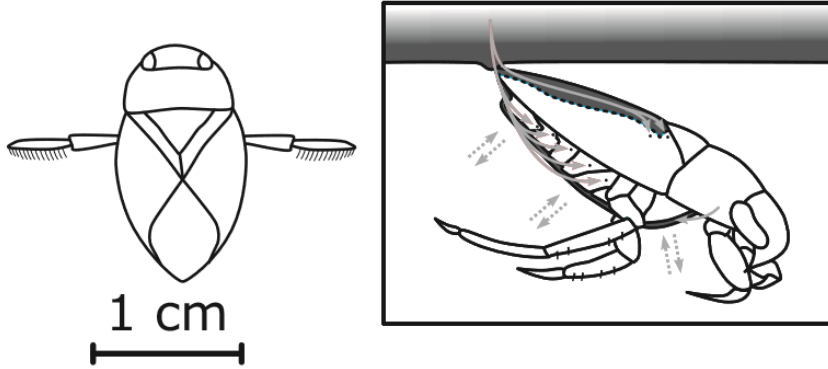


Verberk & Bilton 2015 *Journal of Experimental Biology* 218: 2083-2088.

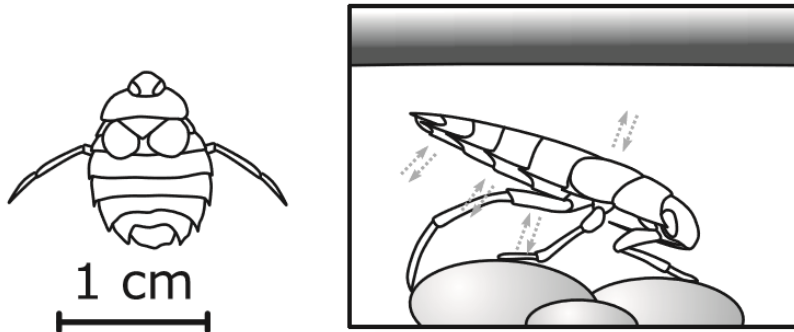


Oxygen and thermal stress

Ilyocoris cimicoides
(surface exchanger and physical gill)



Aphelocheirus aestivalis
(plastron breather)



Verberk & Bilton 2015 *Journal of Experimental Biology* 218: 2083-2088.

