

Body-length (cm)	¹ Estimated sub-maximal walking speed (cm s ⁻¹) = 0.216 * <i>BL</i> - 0.0796	² Estimated maximal sustainable walking speed (cm s ⁻¹)
0.1	-0.058	0.033
0.2	-0.0364	0.066
0.3	³ -0.0148	0.099
0.4	0.0068	0.132
⁴ 0.5	0.0284	0.165
0.6	0.05	0.198
0.7	0.0716	0.231
0.8	0.0932	0.264
0.9	0.1148	0.297
1	0.1364	0.33
1.1	0.158	0.363
1.2	0.1796	0.396
1.3	0.2012	0.429
1.4	0.2228	0.462
1.5	0.2444	0.495
1.6	0.266	0.528
1.7	0.2876	0.561
1.8	0.3092	0.594
1.9	0.3308	0.627
2	0.3524	0.66
2.1	0.374	0.693
2.2	0.3956	0.726
2.3	0.4172	0.759
2.4	0.4388	0.792
2.5	0.4604	0.825

¹ Estimated sub-maximal speeds for *T. chopini* of varying body-length.

² Estimated maximal sustainable walking speed trilobites of varying body-length, scaled according to aversion response size-specific speed of 0.33 cm s⁻¹ *BL*⁻¹ from Jamieson et al. (2012) for the extant crustacean, *R. herculea*.

³ Negative values due to imprecision in regression equation and may be discounted for the model proposed.

⁴ Max. and min. body-length values as reported by Kin & Błażejowski (2013) shown **bold**.

Table 1. Estimated *T. chopini* travelling speeds using regression polynomial equation obtained from data for *R. herculea* in Jamieson et al. (2012).