

Readme file accompanying the archived data for the publication

Prey preferences of invasive (*Hemigrapsus sanguineus*, *H. takanoi*) and native (*Carcinus maenas*) intertidal crabs in the European Wadden Sea

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This data file includes the raw data of the laboratory feeding experiments to assess prey preferences of invasive (*Hemigrapsus sanguineus*, *H. takanoi*) and native (*Carcinus maenas*) intertidal crabs in the European Wadden Sea.

Day: Experimental day (1-8) on which the trials were carried out

Number: Individual trial number

Crab_treatment: Crab species used; C = *Carcinus maenas*, S = *Hemigrapsus sanguineus*, T = *Hemigrapsus takanoi*, 0 = control treatment without crab

Prey_treatment: Prey species offered; All = All prey species were offered at the same time

Crab_size: Size (carapace width in cm) of the crab that was used

Mussels_left: Number of *Mytilus edulis* that were left after the experiment

Mussels_eaten: Number of *Mytilus edulis* that were consumed during the experiment

Snails_left: Number of *Littorina littorea* that were left after the experiment

Snails_eaten: Number of *Littorina littorea* that were consumed during the experiment

Amphipods_left: Number of *Gammarus locusta* that were left after the experiment

Amphipods_eaten: Number of *Gammarus locusta* that were consumed during the experiment

Ulva_start: Wet weight (in g) of *Ulva lactuca* before the experiment

Ulva_end: Wet weight (in g) of *Ulva lactuca* after the experiment

Ulva_eaten: Amount (in g) of *Ulva lactuca* that was consumed during the experiment