

## Readme file accompanying the archived data for the publication

### *Parasites and stable isotopes: a comparative analysis of isotopic discrimination in parasitic trophic interactions*

**Published in: Oikos DOI: 10.1111/oik.06086**

This data file includes stable isotope measurements ( $\delta^{13}\text{C}$  and  $\delta^{15}\text{N}$ ) from 101 pairs of metazoan parasites and their hosts which were compiled from 35 published studies.

StudyID: Identification number of study

Authors: Names of authors of study

Year: Publication year of study

Journal: Journal in which study was published

VolumePages: Volume and page numbers of journal in which study was published

Habitat: General habitat realm occupied by parasite-host pair (marine, freshwater, terrestrial)

HostTaxaA: Higher host taxon

HostTaxaB: Higher host taxon

HostTaxaC: Higher host taxon

HostSpeciesName: Host species name

HostGenus: Host genus

HostSpeciesEpithet: Host species epithet

HostTissueSampled: Host tissue sampled for isotope measurements

meanHostC: Mean  $\delta^{13}\text{C}$  of host

sdHostC: Standard deviation  $\delta^{13}\text{C}$  of host

nHostC: Number of host replicates measured for  $\delta^{13}\text{C}$

meanHostN: Mean  $\delta^{15}\text{N}$  of host

sdHostN: Standard deviation  $\delta^{15}\text{N}$  of host

nHostN: Number of host replicates measured for  $\delta^{15}\text{N}$

ParasiteTaxa0: Higher parasite taxon

ParasiteTaxaA: Higher parasite taxon

ParasiteTaxaB: Higher parasite taxon

ParasiteTaxaC: Higher parasite taxon

ParasiteSpeciesName: Parasite species name

ParasiteGenus: Parasite genus

ParasiteSpeciesEpithet: Parasite species epithet

ParasiteHabitat: Habitat on host inhabited by parasite (endoparasitic (endo), gills (gills), ectoparasitic (ecto))

FeedingType: Parasite feeding type (blood, other)

ParasiteTissueSampled: Parasite tissue sampled for isotope measurements

PoolingParasiteSamples: Pooling (yes, no) of individual parasites for measurements due to small size/weight

meanParasiteC: Mean  $\delta^{13}\text{C}$  of parasite

sdParasiteC: Standard deviation of  $\delta^{13}\text{C}$  of parasite

nParasiteC: Number of parasite replicates measured for  $\delta^{13}\text{C}$

meanParasiteN: Mean  $\delta^{15}\text{N}$  of parasite

sdParasiteN: Standard deviation  $\delta^{15}\text{N}$  of parasite

nParasiteN: Number of parasite replicates measured for  $\delta^{15}\text{N}$

EnrichmentC: Carbon discrimination factor ( $\Delta^{13}\text{C}$ ), calculated by subtracting the  $\delta^{13}\text{C}$  of the host from the  $\delta^{13}\text{C}$  the parasite

EnrichmentN: Nitrogen discrimination factor ( $\Delta^{15}\text{N}$ ), calculated by subtracting the  $\delta^{15}\text{N}$  of the host from the  $\delta^{15}\text{N}$  of the parasite

LipidExtraction: Lipid extraction prior to isotope analysis (yes, no)

Comments: Specific comments