ReadMe for MonteithAndrewsSmisethJEB2012.xls

This file consists of spreadsheet which provides data for the relationship between the size and number of eggs, and experimental data on how post-hatching parental care moderates the effects of egg size on offspring growth and survival. Each line represents a pair of beetles set up in the experiment.

PairID = Identifiier for each pair of beetles used in the experiment.

FemAge = Female age measured in days since dispersal from the carcass. Missing data are recorded as empty cells.

FemSize = Female size measured in length of the pronotum (mm). Missing data are recorded as empty cells.

MousMass = Mass of mouse carcass (g) used for breeding.

EggNo = Number of eggs laid.

EggVol = Average volume of eggs in a clutch measured as prolate spheroid volume (mm^3).

Hatch/Fail = Clutches where at least some eggs hatched (H) or where all eggs failed to hatch (F). Analyses on relationship between egg size and offspring growth and survival were conducted only on broods where at least some eggs hatched (H). Missing data are recorded as empty cells.

Treatment = Broods where female parents was left to provide care for offspring after hatching (P) or where both parents were removed prior to hatching (A). Broods not assigned a treatment due to failure of hatching are recorded as empty cells.

LarvNo = Number of larvae surviving until dispersal from the carcass.

LarvMass = Average body mass (mg) of larvae in a brood at the time of dispersal from the carcass. Missing data are recorded as empty cells.