



Krsp_suppl Database Appendix:

Explanation of Database Codes

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1. midden_cones table

id: record number within the table (primary key)

year: Year in which the data was collected

grid: Grid on which the data was collected

KL – Kloo
SU – Sulphur
AG – Agnes
JO – Jo
LL – Lloyd
CH – Chitty
RR – Rolo Road
BT – Blue Trailer
SUX/SX – Sulphur Extension
EN – Enema
FL – Flint

midden: Midden reflo for which the data was collected

locx: The x grid location of the midden within the grid, taken from the fall census.

locy: The y grid location of the midden, taken from the fall census.

sex: The sex of the squirrel that owns that midden, determined either from the squirrel table or the census.

taglft: The left eartag number of the squirrel that owns that midden, determined from the fall census.

tagrt: The right eartag number of the squirrel that owns that midden, determined from the fall census.

squirrel_id: The Squirrel ID of the squirrel that owns that midden, determined either from the squirrel table or the census.

Date: The date on which the midden cone count was done. In some years this was approximate (e.g., all counts given the same date as it was not filled in by the field crew) or was not recorded.

obs: The observer who collected the data. Typically, this is the person in whose notebook you should look to find the data, but this is not necessarily the case in all years.

width: Midden width (m)

length: Midden length (m)

no quad: Number of quadrats were used to assess the midden. This varies between years due to differences in data collection methods. It also varies within years due to missed quadrats during sampling or because fewer quadrats were sampled on some middens in an attempt to survey the middens faster.

total new: Sum of new cones counted in all quadrats.

total old: Sum of old cones counted in all quadrats.

total cones: Sum of all cones (old and new) counted in quadrats.

area quad: Area of each quadrat (m^2), which varies depending on the sampling design used in that year. [NOTE: for some years this is entered as 0.1, but should be 0.09 for 30cm x 30cm quadrats – need to check]

total newopen: In 2019, some new cones on the midden had already opened. We weren't sure whether these opened cones would be useful to the squirrels or not, so we counted new open cones separately from new closed cones.

total newclosed: In 2019, some new cones on the midden had already opened. We weren't sure whether these opened cones would be useful to the squirrels or not, so we counted new open cones separately from new closed cones.

3. new table