1. PROJECT

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Title: Sustainable Pollination Service for UK Crops

Funding organisation: BBSRC

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2. DATASET

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Title: Crop pollinator pan trap, timed observation and transect data

Description: This dataset contains abundance data for common groups of insect pollinators collected from 6 sampling locations in 8 conventional fields of apple, strawberry and field beans. Apple orchards were located in Kent (Southern England), field beans fields were located in Berkshire and Oxfordshire (Southern England) and strawberry fields were in Yorkshire (Northern England). These data were collected using 3 different methods.

Pan traps: 6 yellow, white and blue water trap stations were set up and left for between 8 and 24 hours.

Transects: Each transect involved walking 50m of crop over 10 minutes recording all flower visitors observed in a moving window of fixed area alongside the recorder.

Stationary observation: All floral visits made by pollinators in a fixed area were recorded for 10 minutes. The number of open flowers in the observation area was also recorded.

Each method was carried out simultaneously, over several rounds during crop flowering and only in dry conditions, in temperature 15 oC or greater with no more than light wind.

3. TERMS OF USE

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4. CONTENTS

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File listing

CropPollinator\_Pan\_Transect\_StationaryObservations\_2011.xlsx

* Datasheet ‘Column header’ describes the data in each column.
* Datasheet ‘Data’ contains the abundance data for each sampling location and survey round.