**SMAD. The Shropshire Migrant Arrival Database**

Initially created by John Tucker/*Lanius*: from 2021 onwards Rachel Bromley.

The spreadsheet records around 4,500 first record/arrival dates in Shropshire of 36 migrant bird species.

The data have seen subjected to two major analyses, first by John Arnfield in *The Birds of Shropshire* (Smith, 2019) and by John Tucker and Alan Reese in Descriptive models for first-arrival dates for migrants in a inland UK county, *Ringing & Migration* 31(10;1-7).

The database will be kept up to date annually and at some stage will be worth re-examining for changes.

The first dates ever recorded for each species are colour-coded yellow; the very first was a Cuckoo on 9 April 1871, recorded by William E. Beckwith.

Some other sources are colour coded – see the first few rows and Histo for the original material.

**The columns:**

* **Extracted day, Extracted Month and year** carry calendar dates of the first record
* **edited** may be ignored.
* **leap year** carries a red alert to leap years
* **consec. day** carries the consecutive day of the year, from 1 January \*
* **Days after end of Feb** carries the consecutive day of the year after the end of February (thus avoiding leap years) \*

**NOTE**. \* **Extracted day** and **Days after end of Feb**; where the arrivals dates are not known, then the number -999 is entered, to avoid potential ambiguity during analyses.

The data are open access. For a copy of the current Excel spreadsheet or if you have any queries about the data, email smad@shropshirebirds.co.uk. Before making use of any data from SMAD (e,g, in a publication), please inform the SOS Chair at chair@shropshirebirds.co.uk.