

Transforming the Trent Valley's Big Washlands Watch - Key Findings

Introduction

The Big Washlands Watch Project is a citizen science programme which encourages families, schools and local communities to engage with Trent Valley's biodiversity. Volunteers are introduced to the iRecord app and field guides are provided by Transforming the Trent Valley, created by the Field Studies Council Publications.



Key Findings

- Records have increased by 372% in the scheme area on iRecord.
- Animalia was consistently the most recorded Kingdom (fig 5).
- Butterfly was consistently the most recorded Insect Group, perhaps due to TTTV's butterfly transects.
- Despite only representing 5% of the recorders on iRecord, TTTV's volunteers have provided 41% of the records in the scheme area from 2019 to 2023 (fig 4).

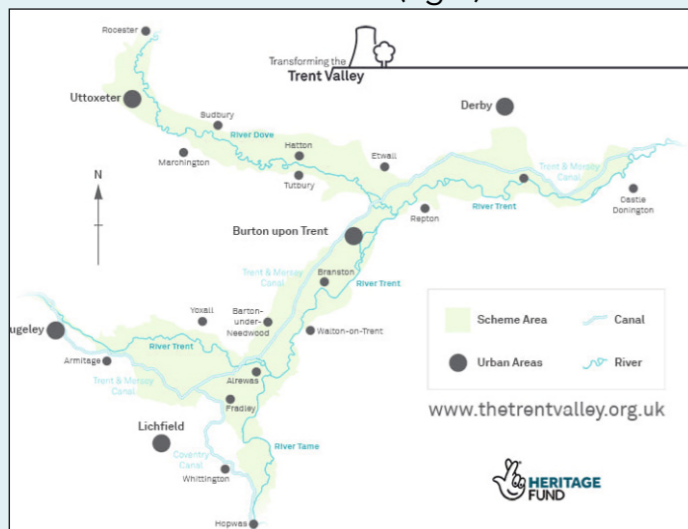


Fig 1. Scheme area map. Contains OS data © Crown Copyright 2020

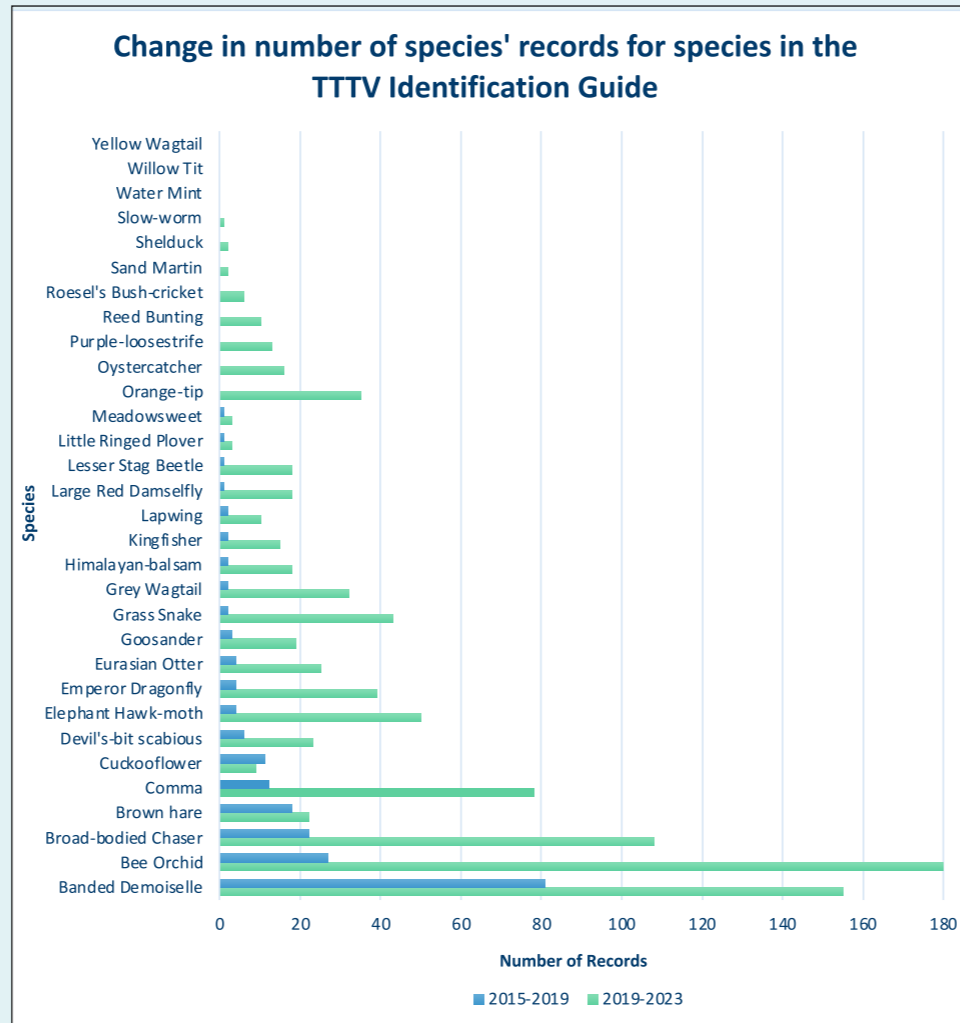


Fig 2. A graph showing the change in number of species' records for species featured on Transforming the Trent Valley's ID Guide.



Fig 3. Survey Booklet ©Transforming the Trent Valley

Statistical Parameters

Statistical analysis was mostly undertaken on Microsoft Excel, with ecological data provided by iRecord and Staffordshire Ecological Records. BirdTrack and other similar recording apps were removed, in order to avoid duplicate submissions and qualitative data.

For all statistical analysis, the time periods were defined as:
01/04/2015 - 31/03/2019 - before Big Washlands Watch Project
01/04/2019 - 09/01/2023 - during Big Washlands Watch Project

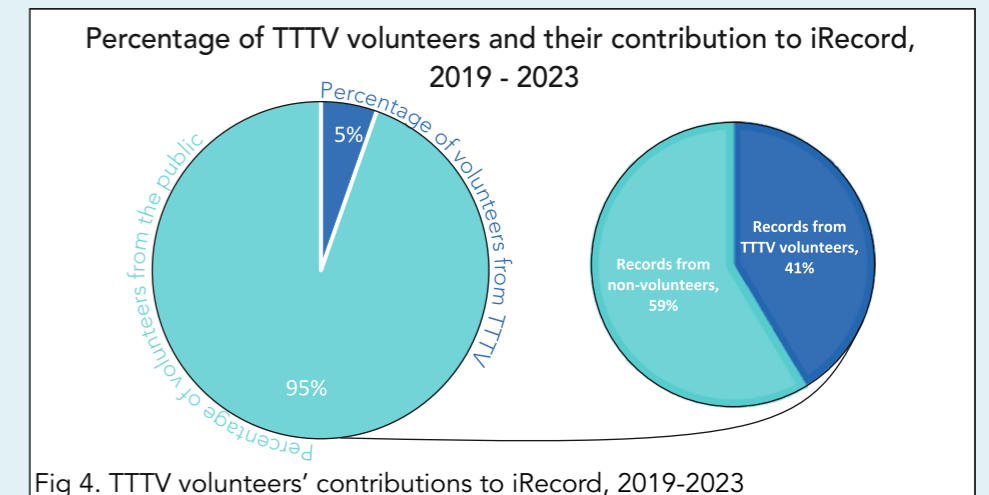


Fig 4. TTTV volunteers' contributions to iRecord, 2019-2023

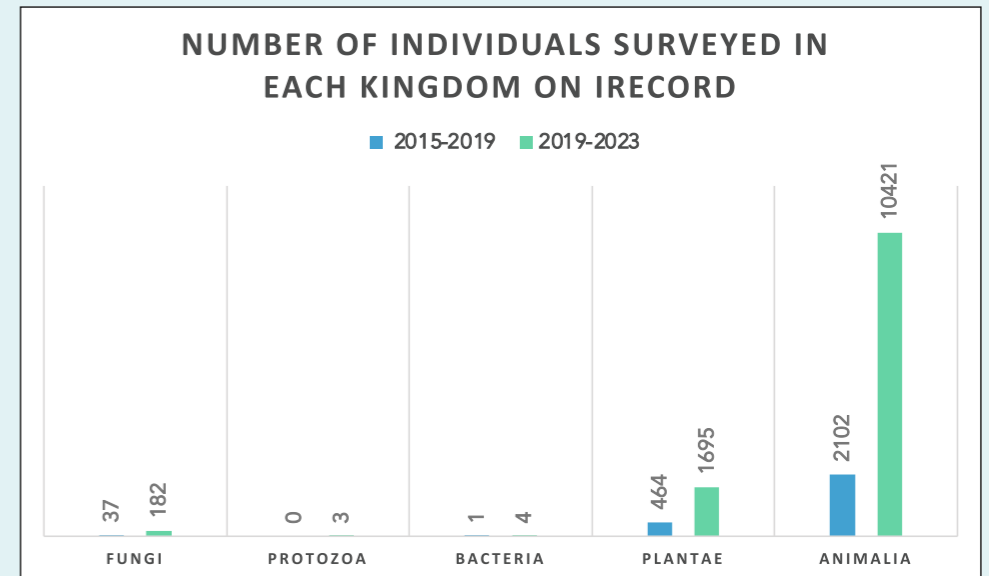


Fig 5. A graph depicting the breakdown of individuals recorded per Kingdom on iRecord, in the TTTV Scheme Area, 2015-2019 and 2019-2023.

More information can be found on the Transforming the Trent Valley website and the 'Transforming the Trent Valley's Big Washlands Watch data analytics, 2019-2023' booklet.



Scan to access the TTTV website

Keeley Beeston