
REPORT ON IDENTIFICATION OF VC55 LEPIDOPTERA BY DISSECTION

REPORT FILE NAME

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Abstract

This report records the determinations made by microscopic examination of Lepidoptera specimens made by VC55 recorders. Each determination is illustrated by micro-photographs of specimens and temporary slides.

1 Introduction

Report On Identification Of VC55 Lepidoptera By Dissection

This report records the determinations made by microscopic examination of Lepidoptera specimens made by VC55 recorders. Specimens were not retained, as each determination is illustrated by micro-photographs of specimens and temporary slides. The high quality micro-photographs were produced by stacked focus photography and are much easier to work with than traditional permanent slides. In most cases, the artificial depth of field provides a better view of dissected parts than can be seen through a microscope. Using micro-photographs has also allowed on-line collaboration using the version management tool GitHub (<https://github.com>) to manage this and other reports.

The primary sources for identifying Lepidoptera by dissection used in this work are Hall et al. (2021) and Schön (2021). The determination was also checked against the appearance of the imago using Kimber (2021) amongst other sources.

2 Species Summary

The species recorded are presented in Table 1 which has been directly generated from the records.

Table 1: Species recorded by family and gender.

family	taxon	gender	Count
Shrekidae	Shrekus greenus	Male	1

A total of 1 specimens were examined of which 1 were identified.

*Thanks for everyone who helped.

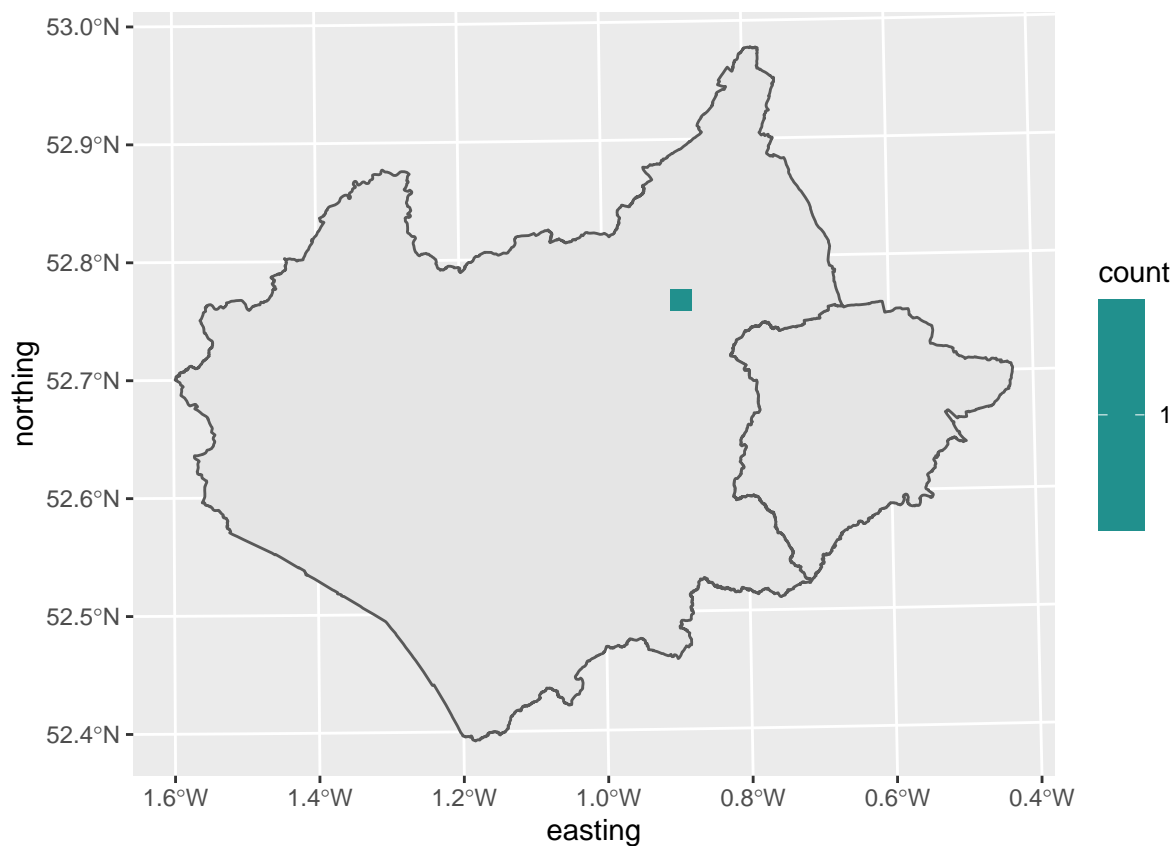


Figure 1: Map of all records by tetrad.

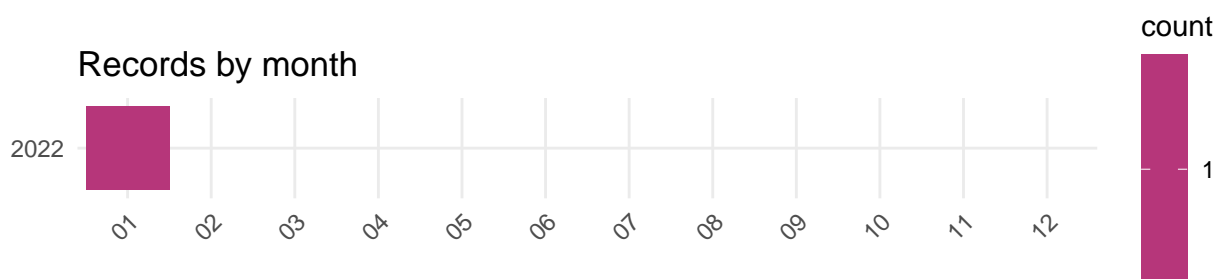


Figure 2: Phenology of all records.

3 Dummyidea Records

Specimen dummy *Shrekus greenus* Ogre

Label details: record.date: 2022-01-01, site: Far far away, VC: 1024, grid.ref: SK75651803, recorder.name: Shrek, comments: Very swampy, determiner: Prince Charming, method: Mace, stage: Ogre, quantity: 1, order: Dummyidea, family: Shrekidae, sub.family: None, genus: shrekus, taxon: Shrekus greenus, log.number: 1000032, Code: 000000, vernacular: Ogre, and gender: Male.

3.1 Dissection

References

- Hall, Peter, Patrick Clement, Jon Clifton, Mike Dale, and Rachel Terry. 2021. “Moth Dissection UK.” <https://mothdissection.co.uk>.
- Kimber, Ian. 2021. “UK Moths.” <https://ukmoths.org.uk>.
- Schön, Walter. 2021. “Lepiforum.” <http://lepiforum.org/>.



Figure 3: dummy *Shrekus greenus* Ogre dummy *Shrekus greenus* Ogre Specimen images

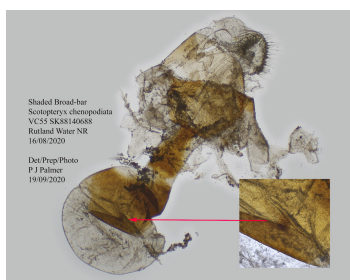


Figure 4: dummy *Shrekus greenus* Ogre temporary slide in Hoyers