

# Tanyptera Project



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## North West Invertebrates Monthly Notes - May 2022

A selection of notable records brought to the attention of Tanyptera Project staff via email, social media etc. or submitted to iRecord. These records should be submitted, if not already, to relevant data collators. [iRecord](#) is recommended. Listed alphabetically by order, family and species. Only records from the featured month are listed unless they constitute a newly recognised VC / modern county record. All images are under copyright from the original recorder unless stated.

## Newly recognised vice county / modern county records

### iRecord summary May 2022 (8<sup>th</sup> June download)\*

\*Excluding Lepidoptera

- 2518 (+818) records and 581 taxa (+194)
- Most recorded group: Coleoptera (827 records)
- Most recorded family: Coccinellidae (336 records)
- Top 5 most recorded species:
  1. Alder Leaf Beetle *Agelastica alni* (117) – also 1<sup>st</sup> in April
  2. Harlequin Ladybird *Harmonia axyridis* (110) – also 2<sup>nd</sup> in April
  3. 7-spot ladybird *Coccinella septempunctata* (71) – also 3<sup>rd</sup> in April
  4. Azure Damselfly *Coenagrion puella* (67) – new entry
  5. Large Red Damselfly *Pyrrosoma nymphula* (63) – new entry

### iRecord - Records and species numbers by taxon group

Group	No. of records	No. of species
insect - beetle (Coleoptera)	827	123
insect - true fly (Diptera)	461	132
insect - hymenopteran	442	89
insect - dragonfly (Odonata)	237	14
insect - true bug (Hemiptera)	217	37
mollusc	70	16
spider (Araneae)	52	18
insect - caddis fly (Trichoptera)	49	12
crustacean	48	14
acarine (Acari)	46	18
insect - stonefly (Plecoptera)	16	11
harvestman (Opiliones)	10	4
insect - scorpion fly (Mecoptera)	10	2
annelid	8	1
insect - lacewing (Neuroptera)	7	3
millipede	5	4
flatworm (Turbellaria)	4	3
insect - orthopteran	3	2
insect - alderfly (Megaloptera)	2	1
springtail (Collembola)	2	1
bacterium	1	1
insect - mayfly (Ephemeroptera)	1	1

## Notable Records

### Annelid

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### Acari (Mites and Ticks)

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### Araneae (Spiders)

-

### Chilopoda (Centipedes)

-

### Collembola (Springtails)

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### Coleoptera (Beetles)

#### ***Stenostola dubia*** Lime Longhorn Beetle (Cerambycidae)

Fulwood, Preston, VC60, 2/5, T. Southward © image right, Det. S. Warry.

Warton Crag, VC60, 15/5, T. Southward.

- A Nationally Scarce Saproxylic species associated with various broad-leaved trees, especially Lime.
- Rarely recorded in the region and these are possibly the first VC60 records.



#### ***Saperda scalaris*** Ladder-marked Longhorn Beetle

(Cerambycidae), Rostherne Mere NNR, VC58, 17/5, P. Kelly © image right.

- A Nationally Scarce saproxylic that doesn't appear to have been recorded in Cheshire for many years.
- The only regional records on iRecord are all from 2018 at Brockholes when it was recorded on 5 separate occasions (Ivan Lynas, T. Southward, M. Foley) over a 4-week period.
- Larvae develop in the inner bark of recently dead stems of many broad-leaved trees and the nocturnal adults feed on the leaves of the host tree.
- The national status review (Alexander 2019) states that many sites for this beetle in the Manchester area were destroyed due to urbanisation.



***Attactagenus plumbeus*** (Curculionidae), Chester Meadows, VC58, 21/5, F. Sherlock, Det. C. Washington.

- New to VC58. Nationally Notable B. Scattered records across England and Wales, except the south-east of England.
- Feeds on various plants from the Fabaceae family, including species of vetch and broom.

***Hylesinus taranio*** (Curculionidae), Chester Meadows, VC58, 21/5, C. Washington.

- Just two previous VC58 records from 1988 according to the regional checklist (Washington 2020).
- A saproxylic weevil associated with Ash. Under bark of dead branches and twigs.

***Drupenatus nasturtii*** (Curculionidae), Marshall's Arm LNR, Cheshire, VC58, 14/5, C. Washington.

- Nationally Notable B.
- Associated with watercress where this specimen was found.
- Few regional records, including recently from a stream next to Hatchmere (D. Bentley).



***Colenis immunda*** (Leiodidae), Blakemere, Delamere Forest VC58, 11/5, C. Washington.

- Possibly new to VC58.
- Adults and larvae of this family generally feed on fungi in rotting plant or animal material.

***Anthocomus fasciatus*** (Melyridae), Smithills Estate, Bolton, VC59, 19/5, P. Brighton, Det. G. Hedges.

- Appears to be new to VC59. Generally scarce. The only other regional record on iRecord is from Northwich in 2016 (C. Washington). There are also other historical Cheshire records.
- On vegetation in grassy places.
- Usually associated with moss and decaying vegetation.



***Epuraea distincta*** (Nitidulidae), Chester Meadows, VC58, 21/5, C. Washington.

- Nationally Notable A. Probably the first VC58 and NW record.
- A scarce saproxylic sap beetle associated with the bracket fungus *Daedaleopsis confragosa* in damp woodland and carr.

***Fagniezia impressa*** (Staphylinidae), Blakemere, Delamere Forest VC58, 11/5, C. Washington.

- Also recorded in February 2022 at Churton (B. Formstone) (see Feb monthly notes). These appear to be the only Cheshire record for over 30 years. Historically known from a few Cheshire localities; Delamere (1912), Hatchmere (1910, 1920), Pulford (1934), and Wybunbury Moss (1990).

***Biblopectus spinosus*** (Staphylinidae), Blakemere, Delamere Forest VC58, 11/5, C. Washington.

- Nationally notable. Likely to be a VC58 first.
- Probably associated with decaying matter such as rotting wood or leaf litter.

***Meotica anglica*** (Staphylinidae), Chester Meadows, VC58, 21/5, C. Washington.

- An endemic Nationally Scarce UK BAP species associated with river shingle.
- Only previously recorded on the Rivers Dane and Bollin in Cheshire (Hewitt 2022) – never before on the Dee.

***Stenus carbonarius*** (Staphylinidae), Chester Meadows, VC58, 21/5, C. Washington.

- Nationally Scarce B. Possibly new to VC58.
- Appears to be widespread in Britain.

***Stenus fornicatus*** (Staphylinidae), Blakemere, Delamere Forest VC58, 11/5, C. Washington.

- Nationally Scarce B.
- Known from the Delamere Forest area for over a century. According to 1908 Sharp regional checklist 'Hatchmere, Delamere, not uncommon'

***Atheta aquatilis*** (Staphylinidae), Blakemere, Delamere Forest VC58, 11/5, C. Washington.

- Nationally Notable
- Also recorded at Etherow Country Park in Feb 2022. These appear to be the only Cheshire records since 1973.

## Diplopoda (Millipedes)

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## Diptera (True Flies)

***Chirosia cinerosa*** (Anthomyiidae), Smithills Estate, Bolton, VC59, 19/5, P. Brighton.

- New to VC59. Widespread in Britain.
- Larvae mine bracken and other ferns.

***Chirosia crassiseta*** (Anthomyiidae), Smithills Estate, Bolton, VC59, 19/5, P. Brighton.

- New to VC59. Widespread in England and Wales.
- Larvae mine bracken.

***Chirosia nigripes*** (Anthomyiidae), Smithills Estate, Bolton, VC59, 19/5, P. Brighton.

- New to VC59. Widespread in Britain.
- Larvae mine bracken.

***Botanophila latifrons*** (Anthomyiidae), Smithills Estate, Bolton, VC59, 19/5, P. Brighton.

- New to VC59. Seems to be widespread in Britain. The majority of NBN Atlas records are from Scotland.
- The larvae feed on *Epichloe* species (fungal mass on grasses).

***Paregle atrisquama*** (Anthomyiidae), Smithills Estate, Bolton, VC59, 7/5, P. Brighton (image right).

- New to VC59. A single previous English record, otherwise recorded from a few upland locations in Scotland and Wales.
- Larval foodplant unknown

***Empis lucida*** (Empididae), Smithills Estate, Bolton, VC59, 7/5, P. Brighton.

- New to VC59. UK distribution mainly Wales and Scotland.
- Ecological information not readily available online.

***Hilara discoidalis*** (Empididae), Smithills Estate, Bolton, VC59, 19/5, P. Brighton.

- New to VC59. Widely recorded in England and Wales.
- Ecological information not readily available online.

***Bicellaria pilosa*** (Hybotidae), Smithills Estate, Bolton, VC59, 19/5, P. Brighton.

- New to VC59. Widespread in Britain.
- Biological information not readily available online. Most Mycetophilid larvae are associated with fungi.





***Boletina plana*** (Mycetophilidae), Smithills Estate, Bolton, VC59, 7/5, P. Brighton.

- New to VC59. Widespread in Britain.
- Biological information not readily available online. Most Mycetophilid larvae are associated with fungi.

***Mycomya annulata*** (Mycetophilidae), Smithills Estate, Bolton, VC59, 7/5, P. Brighton.

- New to VC59. Widespread in Britain.
- Biological information not readily available online. Most Mycetophilid larvae are associated with fungi.

***Ectinocera borealis*** (Sciomyzidae), Smithills Estate, Bolton, VC59, 19/5, P. Brighton (image right).

- New to VC59. Classified as Nationally Rare in 1991.
- This is a scarce northern and western species usually found in birch-alder woodland or conifer woods with streams and wet areas. The biology is unknown.
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***Doros profuges*** Phantom Hoverfly (Syrphidae), Warton Crag, Morecambe Bay, VC60, 24/5, B. Smart © image right, Det. C. Macadam.

- A new site record for a Near Threatened and rare hoverfly, which in recent years has only been recorded in NW England from Yealand Allotment.
- Famously elusive and difficult to find, even on occupied sites.
- Ecology poorly understood. Larvae are thought to be associated with ants and adults maybe largely arboreal.



***Cheilosia urbana*** (Syrphidae), Dalton Crag, Morecambe Bay, VC60, 14/5, N. Garnham.

- Widespread but rather local and generally scarce in the UK.
- Also recorded by R. Zloch at Yealand Hall Allotment in 2021 and first VC60 record was 1993.
- Spring-flying species associated with Mouse-ear Hawkweed.

***Megasyrphus erraticus*** (Syrphidae), Gisburn Forest, Ribble Valley, VC64, 8/5, N. Garnham.

- A nationally 'Notable' hoverfly (Ball & Morris 2014) associated with mature conifer woodlands and plantations in the North and West.
- The only other published record within the modern county boundary of Lancashire is from Longridge Fell in 2020 (P. Kinsella).



***Rhingia rostrata*** (Syrphidae)

Warton Crag, Morecambe Bay, VC60, 28/5, N. Garnham.

Longridge Fell, VC60, 8/5, T. Southward © image right.

- The above records appear to be the first published online for VC60 although a UK Hoverfly Recording Scheme time-series map shows coverage for the general area.
- Dramatic range expansion northward since 2000. Has now been recorded in North Cumbria (2021).
- Usually found in woodlands where the larvae are primarily associated with dung.



***Dasysyrphus pinastri*** (Syrphidae) Longridge Fell, VC60, 8/5, T. Southward © image right.

- The regional checklist (Rostron 2020) gives only one previous VC60 record.
- Widespread but local UK distribution.
- Usually encountered in woodland rides and clearings. The larvae are aphidophagous on trees or shrubs.



***Appendicia truncata*** (Tachinidae), Smithills Estate, Bolton, VC59, 19/5, P. Brighton.

- New to VC59. Widespread in Britain.
- Biological information not readily available online

***Blepharomyia pagana*** (Tachinidae), Smithills Estate, Bolton, VC59, 7/5, P. Brighton.

- New to VC59. Appears to be widespread in England and recorded from Scotland.
- Biological information not readily available online.



***Noeeta pupillata*** (Tephritidae), Mossley, VC63, 5/5, S. Suttill © image right, Det. P. Beuk.

- No other online records for Greater Manchester since 1940s but has been recorded in VC59 at least 9 times (Brighton 2021). Scattered records across GB, mainly England and Wales.
- Larvae develop in the buds of Asteraceae such as various Hieracium spp.



***Tanyptera atrata*** (Tipulidae), Bickerton Hill, Cheshire, VC58, 9/5, C. Aldridge.

- Found at the same spot as the previous year a couple of weeks later.
- A scarce saproxylic species associated with broad-leaved trees.
- Has been recorded in at least 11 hectads in Cheshire according to Brighton (2017).

***Ctenophora pectinicornis*** (Tipulidae), Dalton Craggs, Morecambe Bay, VC60, 28/5, N. Garnham.

- The regional checklist (Brighton 2017) gives 3 VC60 records up to 2017 but also found at Gaitbarrows and Yealand Storrs in 2021.
- A saproxylic species associated with both veteran and fallen trees.
- Widespread in England and Wales but not often casually encountered.



## Ephemeroptera (Mayflies)

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## Hemiptera (True Bugs)

***Eysarcoris venustissimus*** Woundwort Shieldbug (Pentatomidae) Risley Moss, Cheshire, VC59, 28/5, S. Plummer © Image right.

- New to VC59.
- Found in hedgerows and woodlands. The larvae feed on Hedge Woundwort and White Dead-nettle.
- Known from Cheshire since at least 2005.
- Has apparently moved much faster in North-East England with numerous records up to the North York Moors.



***Legnotus limbosus*** Bordered Shieldbug Cydnidae, Southport, VC59, 27/5, N. Hunt CC-BY-NC Image right.

- Shieldbug expanding range Northward.
- Found on front door. Associated with bedstraws (*Galium* sp) growing on dry friable soils in sunny situations
- First reported from VC59 in 2019. Has also been recorded at Lytham St Annes (2021) as the frontier of it's North West range.



## Hymenoptera (Bees, Wasps, Ants, Sawflies)

***Exallonyx microcerus*** (Proctotrupidae), Stretton (Farndon), Cheshire, VC58, 21/5, B. Formstone © image right.

- Adult female swept from foliage on Oak.
- Just 3 records on NBN Atlas – from Yorkshire.
- An understudied group. No ecological information readily available online.





## Isopoda (Woodlice and their relatives)

***Armadillidium pulchellum*** (Armadillidiidae), Gaitbarrows, VC60, 4/5, N. Garnham © image right.

- Occurs on the limestone of Morecambe and the Sefton Coast within the region.
- Many previous records from Morecambe sites but most are from 1990s, including at Gaitbarrows.
- Found on a rotting Scots Pine stump.



## Odonata (Dragonflies & Damselflies)

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## Orthoptera (Grasshoppers and Crickets)

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## Plecoptera (Stoneflies)

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## Lepidoptera (Butterflies & Moths)

*Moths are reported upon for VC59&60 biannually and VC58 annually via Lancashire moth group and Cheshire moth group respectively. Butterfly records are summarised annually by local branches of Butterfly Conservation. This summary will therefore only share observations reported to Tanyptera staff or posted on the North West invertebrates Facebook group.*

***Epinotia signatana*** (Tortricidae), Chorlton, Manchester, VC59, larva collected 24/4, adult emerged 19/5, B. Smart © image right.

- First record in VC59. From larva collected on blackthorn. Also known to feed on Wild Cherry and Bird Cherry
- Local in woodland, hedgerows and scrub in England and Wales, mostly in the south and east.



## Mollusca (Slugs and Snails)

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## Neuroptera (Lacewings)

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## Opiliones (Harvestmen)

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## Psocoptera (Barkflies)

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## Raphidioptera (Snakeflies)

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## Trichoptera (Caddisflies)

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## Zygentoma (Silverfish, Fishmoths, Firebrats)