

MISCELLANEOUS IRISH CADDISFLY (TRICHOPTERA) RECORDS

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Abstract

Records are provided from the National Biodiversity Data Centre and collections made by Anthony Bryant in County Waterford and Rodney Monteith in County Antrim. All are new monad (1km²) and hectad (10km²) ones for Ireland with the exception of *Hagenella clathrata* (Kolenati, 1848). Seven new county records are noted.

Key words: Trichoptera, caddisflies, *Hagenella clathrata*, Ireland, new records, distribution.

Introduction

Oisín Duffy, Surveys and Records Officer with the National Biodiversity Data Centre kindly provided a data set containing Irish Trichoptera records (sent to the Centre by the public in 2023) for validation by the senior author. These ranged in quality. Some were supported by photographs and were named. Others were unnamed. The specimens were mainly adults but some larvae were included. The confirmed records are given below. They are indicated by (NBDC, 2024).

In addition, AB sent JPOC a large collection of adults from Tramore and its environs in County Waterford in south-east Ireland. This was followed by a large collection from several sites in County Antrim, Northern Ireland. It included swept and light-trapped adults taken by RM. The main site, Springfarm, is near Lough Neagh, the Six Mile Water River, several ponds and streams.

Only new monad (1km²) and hectad (10km²) records are presented with the exception of *Hagenella clathrata* (Kolenati, 1848). This species is noted in Ireland for its rarity and conservation importance. Nolan (2021) reported two adults from Killaun Bog, County Offaly, remarking that it will be of interest to consider whether the bog will maintain populations of *Hagenella clathrata* into the future, in view of the extent to which the site has been managed for peat-harvesting. The greater area of the bog would currently almost certainly not facilitate the species as most of its surface consists of bare peat, the consequence of industrial harvesting.

The remaining areas of revegetating bog were hand-harvested for peat up to c. 50 years ago and a 1.5-2m high face-bank marks the point at which cutting ceased. The area that Nolan surveyed in 2020 and 2021 lies at the southern end of the bog and is a mosaic of wet woodland, *Ulex* and *Calluna* scrub and swampy *Molinia*. It is interesting therefore that Rachel Mc Kenna photographed an adult in 2022 on the bog near where Nolan found his specimens in 2021 (Plate 1).

Specimens were identified by the senior author using Malicky (2004), Barnard and Ross (2012), Salokannel and Mattila (2018) and Wallace, Flint and Flint (2022). An adult shown in a photograph and labelled *Athripsodes albifrons* (Linnaeus, 1758) from Clonmel, County Tipperary appeared to be a possible specimen of *A. bilineatus* (Linnaeus, 1758). Dr Ian Wallace examined the photograph and decided that the adult was an aberrant *Athripsodes albifrons*.

Seven new county records are noted.

Addendum 10

The records in this paper will be sent as Addendum 10 to the dataset “Caddisflies (Trichoptera) of Ireland” of the National Biodiversity Data Centre <<https://maps.biodiversityireland.ie/Dataset/250>> (O’Connor, 2024). The data will be also supplied to CEDaR.

The new records

RHYACOPHILIDAE

***Rhyacophila dorsalis* (Curtis, 1834)**

ANTRIM: Holywell (J1588), 1♂ 1 October 2023, swept, Rodney Monteith. Millrace Trail (J1585), 1♂ 29 May 2023, swept, Rodney Monteith.

***Rhyacophila munda* McLachlan, 1862**

CORK: Camus Bridge (S0443), 1 larva 2 August 2023, Aideen Kane, determined J. P. O’Connor from a photograph (NBDC, 2024).

GLOSSOSOMATIDAE

***Agapetus fuscipes* Curtis, 1834**

ANTRIM: Tardree Forest (J1893), 1♂ 21 August 2023, swept, Rodney Monteith.

***Agapetus ochripes* Curtis, 1834**

ANTRIM: Springfarm (J1488), 1♀ 13 June 2023, 1♀ 14 August 2023 and 1♂ 6 September 2023, light-trap, Rodney Monteith.

***Glossosoma boltoni* Curtis, 1834**

WATERFORD: Lough Ballyscanlan (S5302), 1♀ 20 May 2023, daytime observation, Anthony Bryant.

HYDROPTILIDAE

***Agraylea multipunctata* Curtis, 1834**

ANTRIM: Springfarm (J1488), 1♂2♀♀ 13 June 2023, light-trap, Rodney Monteith.

***Agraylea sexmaculata* Curtis, 1834**

ANTRIM: Springfarm (J1488), 3♂♂2♀♀ 13 June 2023, light-trap, Rodney Monteith.

WATERFORD: Lough Ballyscanlan (S5302), 1♀ 11 June 2023, light-trap, Anthony Bryant.
Tramore (S5701), 1♂ 6 September 2023, light-trap, Anthony Bryant.

***Allotrichia pallicornis* (Eaton, 1873)**

ANTRIM: Springfarm (J1488), 12♂♂10♀♀ 13 June 2023 and 1♀ 3 July 2023, light-trap, Rodney Monteith.

***Hydroptila angulata* Mosely, 1922 New to County Antrim**

ANTRIM: Springfarm (J1488), 5♂♂1♀ 13 June 2023, light-trap, Rodney Monteith.

***Hydroptila cornuta* Mosley, 1922 New to County Antrim**

ANTRIM: Springfarm (J1488), 2♀♀ 13 June 2023, light-trap, Rodney Monteith.

***Hydroptila sparsa* Curtis, 1834**

ANTRIM: Springfarm (J1488), 5♂♂ 13 June 2023, light-trap, Rodney Monteith.

***Hydroptila tineoides* Dalman, 1819 New to County Antrim**

ANTRIM: Springfarm (J1488), 1♀ 13 June 2023, light-trap, Rodney Monteith.

***Ithytrichia lamellaris* Eaton, 1873 New to County Antrim**

ANTRIM: Springfarm (J1488), 1♂ 13 June 2023, light-trap, Rodney Monteith.

PHILOPOTAMIDAE

***Philopotamus montanus* (Donovan, 1813)**

SLIGO: Sessuegilroy (G4415), adult 25 March 2023, single specimen observed flying in early afternoon in a river channel, Bryan Kennedy, confirmed J. P. O'Connor from a photograph (NBDC, 2024).

POLYCENTROPODIDAE

***Cyrnus trimaculatus* (Curtis, 1834)**

ANTRIM: Springfarm (J1488), 1♂ 13 June 2023, light-trap, Rodney Monteith.

***Polycentropus flavomaculatus* (Pictet, 1834)**

ANTRIM: Millrace Trail (J1585), ♀ 29 May 2023, swept, Rodney Monteith. Springfarm

(J14883), 1♀ 30 June 2023, 3♂♂1♀ 13 June 2023, 1♀ 3 July 2023 and 1♂ 22 August 2023, light-trap, Rodney Monteith.

WATERFORD: Lough Ballyscanlan (S5302), 2♀♀ 11 June 2023, light-trap, Anthony Bryant.

PSYCHOMYIIDAE

***Psychomyia pusilla* (Fabricius, 1781)**

ANTRIM: Springfarm (J1488), ♀ 11 June 2023, 13♂♂6♀♀ 13 June 2023, 1♂1♀ 3 July 2023 and 2♀♀ 6 September 2023, light-trap, Rodney Monteith.

***Tinodes waeneri* (Linnaeus, 1758)**

ANTRIM: Springfarm (J1488), 1♂ 13 June 2023, light-trap, Rodney Monteith.

HYDROPSYCHIDAE

***Hydropsyche pellucidula* (Curtis, 1834)**

ANTRIM: Springfarm (J1488), 1♂ 13 June 2023, light-trap, Rodney Monteith.

***Hydropsyche siltalai* Döhler, 1963**

ANTRIM: Millrace Trail (J1585), 1♀ 29 May 2023, swept, Rodney Monteith. Springfarm (J1488), 1♀ 11 June 2023, 1♀ 13 June 2023, 1♀ 3 July 2023 and 1♀ 28 July 2023, light-trap, Rodney Monteith.

PHRYGANEIDAE

***Agrypnia varia* (Fabricius, 1793)**

OFFALY: near Clonmacnoise (M9929), adult 19 July 2023 and adult 27 July 2023, Martin Schroeder, determined J. P. O'Connor from a photograph (NBDC, 2024).

***Hagenella clathrata* (Kolenati, 1848) (Plate 1)**

OFFALY: Killaun Bog (N1005), adult 15 May 2022, Rachel Mc Kenna, confirmed by Cathal McNaughton from a photograph. This record (N108051) is close to the record (N108050) from the same bog by Nolan (2021).

***Phryganea bipunctata* Retzius, 1783**

ANTRIM: Springfarm (J1488), 1♂ 13 June 2023, light-trap, Rodney Monteith.

GOERIDAE

***Goera pilosa* (Fabricius, 1775)**

ANTRIM: Springfarm (J1488), 1♂1♀ 11 June 2023 and 1♂1♀ 13 June 2023, light-trap, Rodney Monteith.

LEPIDOSTOMATIDAE

Lepidostoma hirtum (Fabricius, 1775)

ANTRIM: Springfarm (J1488), 1♀ 13 June 2023, light-trap, Rodney Monteith.

WATERFORD: Glen Road, Tramore (S5803), 1♀ 15 May, 2023, day observation, Anthony Bryant. Lough Ballyscanlan (S5302), 2♀♀ 11 June 2023, light-trap, Anthony Bryant.

LIMNEPHILIDAE

Anabolia nervosa (Curtis, 1834)

DUBLIN: Glenasmole (O0921), ♂ 1 October 2023, David Cullen, confirmed J. P. O'Connor from a photograph (NBDC, 2024).

WICKLOW: Baltinglass (S8887), adult 9 September 2023, Bernadette Alcock-Earley, determined J. P. O'Connor from a photograph (NBDC, 2024).

Glyphotaelius pellucidus (Retzius, 1783)

KILDARE: Ardenode (N9009), ♂ 5 May 2023, light-trap Chris Mc Kenna, confirmed J. P. O'Connor from a photograph (NBDC, 2024).

MEATH: Hill of Down (N6849), adult 6 May 2023, Ryan Wilson-Parr (NBDC, 2024).

Grammotaulius nigropunctatus (Retzius, 1783)

OFFALY: Clonmacnoise (M9929), adult 21 May 2023, adult 22 May 2023 and adult 16 August 2023, a garden on an esker, Martin Schroeder, determined J. P. O'Connor from a photograph (NBDC, 2024). Rathgibbon South near Birr (N1407), 1♀ 21 July 2023, Rachel Mc Kenna (NBDC, 2024).

Limnephilus auricula Curtis, 1834

WATERFORD: Lough Ballyscanlan (S5302), 1♂ 31 May 2023, daytime observation, Anthony Bryant.

Limnephilus binotatus Curtis, 1834

CLARE: Tullycommon (R2896), adults 18 May 2023, light-trap, confirmed Cathal McNaughton from a photograph (NBDC, 2024).

Limnephilus decipiens (Kolenati, 1848)

WATERFORD: Tramore (S5701), 1♀ 15 August 2023, light-trap, Anthony Bryant.

Limnephilus flavicornis (Fabricius, 1787)

ANTRIM: Lagan meadows (J3369), adult 3 February 2023, found dried up in a greenhouse, David Craig, determined J. P. O'Connor from a photograph (NBDC, 2024).

Limnephilus lunatus Curtis, 1834

CLARE: Attyslany (R3998), adult 7 October 2023, Rachel Mc Kenna, confirmed J. P. O'Connor from a photograph (NBDC, 2024).

DONEGAL: Carrickmagrath, Ballybofey (H1392), adult 7 October 2023, light-trap, John Cromie, confirmed J. P. O'Connor from a photograph (NBDC, 2024).

***Limnephilus marmoratus* Curtis, 1834**

MAYO: Moore Hall (M1874), adult 11 June 2023, Geraldine Nee, determined J. P. O'Connor from a photograph (NBDC, 2024).

WEXFORD: Portersgate (S7500), adult 5 July 2023, Hubert Gallagher, determined J. P. O'Connor from a photograph (NBDC, 2024).

***Limnephilus sparsus* Curtis, 1834 New to County Down (Fig. 1)**

DOWN: Balloo wetland (J5079), adult 2 September 2023, Sam Clawson, determined J. P. O'Connor from a photograph (NBDC, 2024).

MAYO: Belcarra (M1984), adult 22 May 2023, Geraldine Nee, determined J. P. O'Connor from a photograph (NBDC, 2024).

***Halesus radiatus* (Curtis, 1834)**

DONEGAL: Carrickmagrath, Ballybofey (H1392), adult 3 September 2023, light-trap, John Cromie, confirmed J. P. O'Connor from a photograph (NBDC, 2024).

LAOIS: Kellystown (S5984), adult 17 April 2023, light-trap, Hugh Shepherd (NBDC, 2024).

TIPPERARY: Ballybeg (S1316), adult 7 September 2023 and adult 23 September 2023, light-trap, Louise Garcia, confirmed J. P. O'Connor from a photograph (NBDC, 2024).

***Micropterna lateralis* (Stephens, 1837)**

WATERFORD: Tramore (S5701), 1♂ 22 April 2023, 1♂ 20 May 2023, 1♂ 23 May 2023 and 1♂ 13 September 2023, light-trap, Anthony Bryant.

***Stenophylax permistus* McLachlan, 1895 New to County Offaly**

OFFALY: near Clonmacnoise (M9929), adult 8 April 2023 and 3 adults 27 April 2023, attracted to a lighted window at night in a garden on an esker, Martin Schroeder, determined J. P. O'Connor from a photograph (NBDC, 2024).

WATERFORD: Tramore sandhills (S6100), 1♂ 9 June 2023, light-trap, Anthony Bryant.

SERICOSTOMATIDAE

***Sericostoma personatum* (Spence, 1826)**

ANTRIM: Reas Wood (J1385), 2♂♂ 26 May 2023, swept, Rodney Monteith. Skilgnaban (J3191) 1♀ 16 June 2023, David Craig, confirmed J. P. O'Connor from a photograph (NBDC, 2024).

MAYO: Rosserk (G2525), 1♂ 22 June 2023, Ellen O'Hara, determined J. P. O'Connor from a photograph (NBDC, 2024).

LEPTOCERIDAE

Athripsodes albifrons (Linnaeus, 1758)

CORK: Glanmire (W7374), adult 13 August 2023, Alan Brown, confirmed J. P. O'Connor from a photograph (NBDC, 2024).

MEATH: Roughgrange (O0171), (given as Donore), adult 6 July 2023, William Clarke, confirmed J. P. O'Connor from a photograph (NBDC, 2024).

TIPPERARY: Clonmel (S2022), 19 August 2023, Louise Garcia confirmed by I. D. Wallace from a photograph. Grove, Fethard (S2234), adult 16 July 2023, Louise Garcia, confirmed J. P. O'Connor from a photograph (NBDC, 2024).

Ceraclea dissimilis (Stephens, 1836)

ANTRIM: Springfarm (J1488), 2♂♂ 13 June 2023, light-trap, Rodney Monteith.

Ceraclea fulva (Rambur, 1842)

ANTRIM: Springfarm (J1488), 2♀♀ 13 June 2023, light-trap, Rodney Monteith.

WATERFORD: Lough Ballyscanlan (S5302), 1♂ 11 June 2023, light-trap, Anthony Bryant.

Leptocerus tineiformis Curtis, 1834

ANTRIM: Springfarm (J1488), 2♀♀ 13 June 2023, light-trap, Rodney Monteith.

WATERFORD: Tramore saltmarsh (S6000), 1♀ 12 June 2023, light-trap, Anthony Bryant.

Mystacides azurea (Linnaeus, 1761)

ANTRIM: Lagan meadows (J3369), adult 2 August, 2023, David Craig, determined J. P. O'Connor from a photograph (NBDC, 2024). Springfarm (J1488), 1♀ 14 August 2023, light-trap, Rodney Monteith.

The Lagan specimen belonged to a form with pure white unbanded antennae.

CORK: Lough Derreenadarodia, Glengarriff (V8655), adult 10 June, 2023, Cindy Kingston, confirmed J. P. O'Connor from a photograph (NBDC, 2024). Skibbereen (W1233), adult 10 June 2023, Ann Haigh, confirmed J. P. O'Connor from a photograph (NBDC, 2024).

DONEGAL: Lough Gartan (C0516), adult 10 June 2023, light-trap, John Cromie, confirmed J. P. O'Connor from a photograph (NBDC, 2024).

OFFALY: Clooneen Bog (N0712), adult 28 July 2023, Rachel Mc Kenna, confirmed J. P. O'Connor from a photograph (NBDC, 2024).

Mystacides longicornis (Linnaeus, 1758)

ANTRIM: Springfarm (J1488), 3♀♀ 13 June 2023, light-trap, Rodney Monteith.

Oecetis lacustris (Pictet, 1834)

ANTRIM: Springfarm (J1488), 1♂ 22 August 2023, light-trap, Rodney Monteith.

Oecetis ochracea (Curtis, 1825)

ANTRIM: Springfarm (J1488), 2♀♀ 3 July 2023 and 1♂1♀ 20 July 2023, light-trap, Rodney Monteith.

***Oecetis testacea* (Curtis, 1834) New to County Waterford (Fig. 2)**

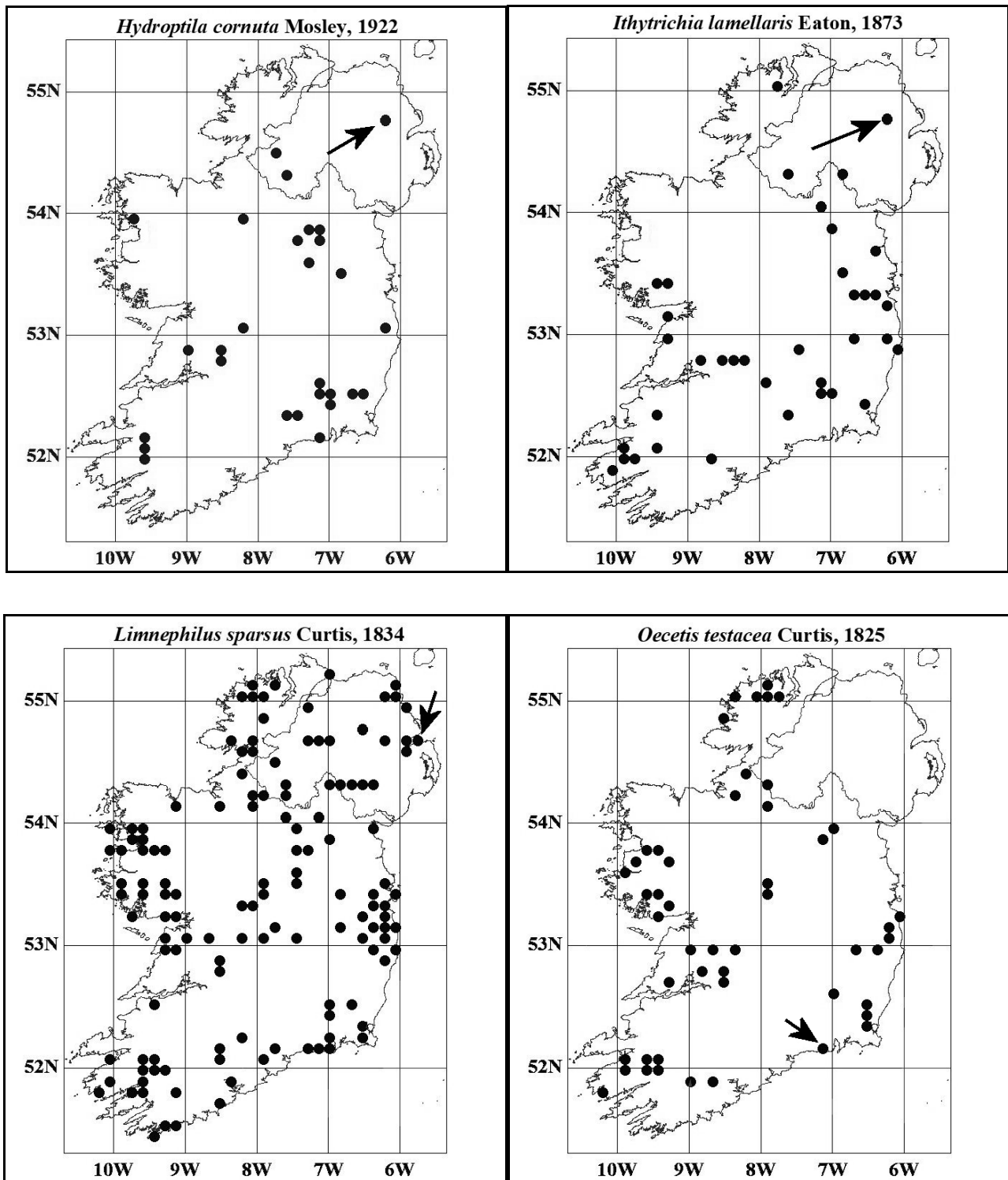
WATERFORD: Tramore (S5701), 1♀ 24 May 2023, light-trap, Anthony Bryant.

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FIGURES 1-2. The known Irish distributions of *Hydroptila cornuta*, *Ithytrichia lamellaris*, *Limnephilus sparsus* and *Oecetis testacea*. The new county records are indicated by arrows.



PLATE 1. *Hagenella clathrata*, Killaun Bog, County Offaly, 15 May 2022. Photograph: Rachel Mc Kenna.