

## RECORDS OF STONEFLIES (PLECOPTERA) FROM IRELAND IN 2024

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### Abstract

Over 430 stonefly records from lake shores, streams and rivers across the island of Ireland are listed. This includes records from 31 counties collected primarily in 2024, although eight additional records from 2023 are included. All 19 extant species are represented, with new location records highlighted for seven species. Records for Rathlin Island, Co. Antrim are published for the first time. The reinstatement of *Isoperla subarmata* Despax, 1936 for Irish specimens of *Isoperla* is also noted, with the removal of *Isoperla grammatica* (Poda, 1761) from the Irish species list.

**Key words:** *Capnia atra*, *Isoperla subarmata*, *Perla carlukiana*, *Protonemura praecox*, Northern Ireland, Rathlin Island.

### Introduction

This paper lists 425 adult and larval stonefly records from lake shores, streams and rivers across the island of Ireland collected in 2024 and eight adult records from 2023. In 2024 records range over ten months from 4 January to 17 October and includes records from 31 counties across the island. Westmeath was the only county not surveyed by the authors in 2024. Records for all 19 extant species are included as well as new county records for *Chloroperla tripunctata* (Scopoli, 1763), *Leuctra hippopus* Kempny, 1899, *L. nigra* (Olivier, 1811), *Nemoura avicularis* Morton, 1894, *N. cinerea* (Retzius, 1783), *Nemurella pictetii* Klapálek, 1900 and *Protonemura praecox* (Morton, 1894). Similarly, the first records for Rathlin Island, Co. Antrim are listed.

Coastal island records are rare for Irish stoneflies but do exist for Clare Island and Achill Island, Co. Mayo, Valentia Island, Co. Kerry, and Bere Island, Co. Cork (Feeley, Baars and Kelly-Quinn, 2016).

This paper also lists *Isoperla subarmata* Despax, 1936 as part of the Irish plecopteran fauna for the first time. This species was reinstated by Reding (2024) after Illies (1952) incorrectly synonymised it with *Isoperla grammatica* (Poda, 1761). Irish adult male and female *Isoperla* specimens, from counties Dublin, Kildare, Mayo, Westmeath and Wicklow, forwarded by Hugh B. Feeley to Jean-Paul Reding (listed below) are described as *I. subarmata* in Reding (2024). Recent correspondence with Hugh B. Feeley stated that ‘*it is quite safe to reinstate subarmata from the British-Irish Isles, since the species has been described from these regions....*’ (Jean-Paul Reding *pers. comms.*, 15 April 2025). To date all adult male specimens checked in Ireland by Hugh B. Feeley have been *I. subarmata*, as described by Despax (1936) and Reding (2024), based on penial armature. Consequently, all *Isoperla* in Ireland should henceforth be listed as *I. subarmata*. *Isoperla grammatica* should no longer be considered an accepted Irish plecopteran species.

The phenomenon of ‘crumpled wings’ (Feeley and Macadam, 2021) is listed where observed and the variation in wing length across species and populations, i.e. brachyptery and microptery (e.g. Costello, 1988) is noted for several species. Note all adults were fully winged (i.e. macropterous) and all male Perlidae were brachypterous unless otherwise stated. One observation of Entomophthora, or fungal infection, is also noted.

All specimens were identified using Macadam, Feeley and Doe (2022) or Hynes (1977). Specimens collected by Bryan Kennedy, Méabh Kennedy, Eoin Kennedy, and Ryan Mitchell were determined by Hugh B. Feeley. A subset of specimens collected by Stewart Rosell and David McGrath were checked and verified by Hugh B. Feeley. Specimens collected by Helen M. Barber-James and Adam Mantel were determined by Amy Weir or Helen M. Barber-James. Also included are 24 records submitted to the National Biodiversity Data Centre (NBDC) by members of the public in 2024. Where these records were accompanied by a photograph Hugh B. Feeley confirmed or amended the specimen identity and updated the NBDC records, where necessary. These records may not have sex denoted and are indicated in this paper by NBDC in parenthesis after the collector.

All records will be forwarded to the National Biodiversity Data Centre to update the dataset “Stoneflies (Plecoptera) of Ireland” (Feeley, 2025). Records are also forwarded to the Centre for Environmental Data and Recording (CEDaR) in Northern Ireland.

## The records

### CAPNIIDAE

#### *Capnia atra* Morton, 1896

**MAYO:** Lough Beltra, east shore (off R312) (M080985), 24♂♂24♀♀ 2 April 2024, Hugh B. Feeley.

All individuals were brachypterous. One female had crumpled wings.

#### *Zwickyia bifrons* (Newman, 1839)

**MAYO:** Lough Mask, shore at Paddy's, Cappaduff West (M086658), 7♂♂1♀ 30 March 2024, Hugh B. Feeley.

All males were micropterous as shown in Plate 2 in Feeley *et al.* (2024) while the female was macropterous.

### CHLOROPERLIDAE

#### *Chloroperla tripunctata* (Scopoli, 1763)

**ANTRIM:** Collin Glen lower, near weir (J272714), 1♀ 27 April 2024, Stewart Rosell.

This is a new county record for this species.

**SLIGO:** Ballyghnatrillick River, Glenriff Valley (G740499), 1♀ 23 June 2024, Ryan Mitchell, det. Hugh B. Feeley.

**WATERFORD:** Araglin River, Coum Bridge (S248036), 1♂1♀ and 3 larvae 26 April 2024. Glenary River, bridge west of Glenabbey (Castle Road) (S185189), 6♂♂7♀♀ and 2 larvae 26 April 2024. Mahon River, Crough Wood (S333067), 4♂♂ and 2 larvae 26 April 2024. River Tay, Ballykilmurry Bridge (S309050), 6♂♂1♀ and 2 larvae 26 April 2024, all Hugh B. Feeley and Jan-Robert Baars.

#### *Siphonoperla torrentium* (Pictet, 1841)

**ANTRIM:** Collin Glen lower, near weir (J272714), 1♀ and 1 larvae 27 April 2024 and Collin Glen upper, below waterfall (J267723), 1♂1♀ 27 April 2024. Black Mountain, windy gap (gorge) (J291732), 1♀ 28 April 2024. Cave Hill stream (J325802), adult undetermined 25 May 2024, all Stewart Rosell.

**CAVAN:** Chapel Lake stream, bridge upstream Blackwater Kells confluence (N615950), 3♀♀ 2 July 2024. Nadreegeel Lough stream, Assan Bridge (N553961), 3♂♂5♀♀ 3 July 2024. River Blackwater (Kells), just upstream of Lough Ramor, Virginia (N604871), 1♂7♀♀ 3 July 2024, all Hugh B. Feeley.

**CLARE:** Knockalough Stream, Knockalough (R143626), 1 larvae 06 May 2024, David McGrath. River Fergus, Poplar Bridge (R271911), 5♂♂ 29 May 2024 and Addroon Bridge (R359878), 1♂ 30 May 2024, Hugh B. Feeley. Fanore (M163082), adult undetermined 12 June 2024, Gerard Lane (NBDC record).

**DOWN:** Mourne Park (J266163), 1 larvae 30 March 2024, Helen M. Barber-James.

**DUBLIN:** Owendoher River, Cruagh (bridge on R116) (O138227), 4 larvae 26 February 2024, Jan-Robert Baars.

**GALWAY:** Lough Corrib, Cappacorroge (southwest of Cong) (M134534), 1♂ 16 April 2024, Bryan Kennedy, det. Hugh B. Feeley.

**MEATH:** Moynalty River, Carlanstown Bridge (N764792), 1♀ 4 July 2024, Hugh B. Feeley.

**SLIGO:** Ballyghnatrillick River, Glenriff Valley (G740499), 2♂♂4♀♀ 23 June 2024, Ryan Mitchell, det. Hugh B. Feeley.

**WATERFORD:** Araglin River, Coum Bridge (S248036), 5♂♂3♀♀ and 3 larvae 26 April 2024. Curraghateskin Stream, junction of R671 and Curraghateskin (S195109), 1 larvae 26 April 2024. Glenary River, bridge west of Glenabbey (Castle Road) (S185189), 3♂♂2♀♀ (two males with crumpled wings) 26 April 2024. Mahon River tributary, Coumahon (small tributary at car park) (S313081), 5 larvae 26 April 2024 and Coumahon (south of River Mahon, near car park) (S313085), 1♂ and 2 larvae 26 April 2024. Mahon River, Crough Wood (S333067), 14♂♂4♀♀ (one male with crumpled wings) and 6 larvae 26 April 2024, Mahon Falls (S314085), 16♂♂10♀♀ (one male with crumpled wings) and 5 larvae 26 April 2024. River Tay, Ballykilmurry Bridge (S309050), 29♂♂7♀♀ (one male with crumpled wings) and 5 larvae 26 April 2024. Tributary of Araglin, Bohadoonmountain (S255024), 2♂♂ and 4 larvae 26 April 2024 and ford southeast of Coum Bridge (S248036), 5♂♂2♀♀ and 1 larvae 26 April 2024. Tributary of River Dalligan, Bolattin (S285019), 1♀ and 6 larvae 26 April 2024. Tributary of River Deehil, bridge on L3019, Kilrossanty, adjacent church (S310028), 2 larvae 26 April 2024. Tributary of the River Nier, viewpoint, Lachtnafranke - north of Glendalough (S245176), 1♂ and 2 larvae 26 April 2024, all Hugh B. Feeley and Jan-Robert Baars.

**WICKLOW:** Avonmore River, southeast of Sally Gap (O144098), 5♂♂4♀♀ 18 June 2024. Lough Dan, Scout Centre Shore (O157025), 3♂♂2♀♀ 18 June 2024. Lough Tay (east shore), Luggala Estate (O163072), 12♂♂8♀♀ 18 June 2024. Lough Bray Lower, south shore (O138159), 3♂♂2♀♀ 19 June 2024. Vartry Reservoir Lower, west shore (O198024), 1♀ 19 June 2024, all Hugh B. Feeley. Glencullen River, Knocksink Wood (O210184), 1♀ 21 July 2024, Ryan Mitchell, det. Hugh B. Feeley.

## LEUCTRIDAE

### *Leuctra fusca* (Linnaeus, 1758)

**CARLOW:** Madlin River, Old Leighlin (S663653), 2 larvae 24 June 2024, Jan-Robert Baars.

**CAVAN:** Lislea River, bridge on N3 (N622861), 2 larvae 5 June 2024, Jan-Robert Baars and 3 larvae 3 July 2024, Hugh B. Feeley. Moynalty River (Barora River), Corlat Bridge on R191 (N685887), 1 larva 5 June 2024, Jan-Robert Baars. Chapel Lake stream, bridge upstream Blackwater Kells confluence (N615950), 5 larvae 2 July 2024. River Blackwater (Kells), bridge 2km NE of Bailieborough (N697981), 6 larvae 2 July 2024, bridge downstream of Barker's

Bridge (N635966), 8 larvae 2 July 2024, Killinkere Bridge (N610935), 3 larvae 2 July 2024, upstream of Lough Ramor, Virginia (N604871), 2 larvae 3 July 2024 and Stramaquerty Bridge (N594921), 5 larvae 3 July 2024. Nadreegeel Lough stream, Assan Bridge (N553961), 5 larvae 3 July 2024 and Dunancory Bridge (N590881), 3 larvae 3 July 2024, all Hugh B. Feeley.

**CLARE:** Creegh River, Creegh Village (R034668), 7 larvae 3 July 2024. Cloon River, Cranny Village (R167604), 1 larvae 4 July 2024. Owenslieve River, Lana waterfall (R269662), 3 larvae 22 July 2024. Aille River, Doolin (R075970), 8 larvae 14 August 2024, all David McGrath.

**CORK:** Canrooska River (Glengarriff Nature Reserve) (V918570), 2♂♂ 22 August 2024, Hugh B. Feeley.

**FERMANAGH:** Inishturk Island, Lower Lough Erne (H082630), 3♂♂1♀ and 3 larvae 19 September 2024, Helen M. Barber-James, det. Amy Weir.

**KERRY:** Staigue River, near fort car park (Castlecove) (V609632), 1♀ 16 August 2024, Hugh B. Feeley.

**KILDARE:** River Liffey, New Bridge (La Touche) (N869099), 3 larvae 9 May 2024, Jan-Robert Baars.

**KILKENNY:** Dinin River, Castlecomer (S536730), 3♂♂ 24 June 2024 and Dysart Bridge (S536730), 3 larvae 24 June 2024. Headwaters of Douglas River, bridge northwest of Cloghpook (S548657), 3 larvae 24 June 2024. Kings River, bridge south of Friary (Callan) (S415438), 3 larvae 24 June 2024. Monefilm River, Castletown Warren Bridge (S610609), 1 larva 24 June 2024. Tributary of Dinin River, southwest of Coan (S586685), 5 larvae 24 June 2024, all Jan-Robert Baars.

**LAOIS:** Delour River, Ballycarrol, Picnic area (S291980), 3 larvae 10 June 2024. Owenbeg River, bridge westnorthwest of Boleybawn (Cloghoge) (S479810), 2 larva 10 June 2024. River Nore, Castletown New Road Bridge (S341921), 1 larvae 10 June 2024 and Poorman's Bridge (S407859), 2 larvae 10 June 2024. Tonet River, upstream bridge north of Keeloge North (S231948), 4 larvae 10 June 2024. Monavea River, northeast of graveyard on R431 (S620778), 1 larva 24 June 2024. River Fushoge, bridge east of Cappalug (S678793), 1 larva 24 June 2024, all Jan-Robert Baars.

**LIMERICK:** Castletroy (R627581), adult undetermined 17 October 2024, Padraig Punch (NBDC record).

**LONGFORD:** Ballymulvey (N170572), adult undetermined 31 August 2024, Lawrence Cloake (NBDC record).

**LOUTH:** Mattock River, Slane Road bridge, Collon (N997817), 2 larvae 5 June 2024, Jan-Robert Baars and 4 larvae 16 July 2024, Hugh B. Feeley. White River, New Bridge (O046856), 1 larva 5 June 2024, Jan-Robert Baars. Mattock River, Boyd's Bridge (O018807), 1♀ and 7 larvae 16 July 2024, new bridge upstream River Boyne confluence (O036756), 3 larvae 16 July 2024, and Wood Mill Bridge (L2318) (O004769), 3♂♂ and 2 larvae 16 July 2024, all Hugh B.

Feeley.

**MEATH:** Kilmainham River, bridge upstream of Whitewood Lough (N789891), 2 larvae 4 June 2024. River Dee, Kilbride Bridge (N845844), 1 larva 4 June 2024, all Jan-Robert Baars. Moynalty River (Barora River), Cloggagh Bridge (N675916), 6 larvae 4 July 2024, Carlanstown Bridge (N764792), 2 larvae 4 July 2024 and Moynalty Bridge (N733827), 4 larvae 4 July 2024. Blackwater (Kells), Daly's Bridge (N652803), 1 larvae 8 July 2024, Headford Bridge (R163) (N762759), 5 larvae 8 July 2024, Mabe's Bridge (N736773), 2 larvae 8 July 2024 and Bloomsbury Bridge (N793739), 3 larvae 9 July 2024. River Boyne, Beactive Bridge (N860597), 2 larvae 10 July 2024, upstream Knightsbrook River confluence (N825566), 1 larvae 10 July 2024 and Slane Bridge (N964736), 1 larvae 11 July 2024. Devlin's River, bridge south of Grangegeeth crossroads (N955785), 3 larvae 11 July 2024. Mattock River, ford at Devlin's River confluence (O001763), 5 larvae 11 July 2024, all Hugh B. Feeley.

**MONAGHAN:** Fane River, bridge in Inniskeen (H932070), 1 larva 5 June 2024. River Lagan, bridge on R179 north of Kingscourt (N801982), 1 larva 5 June 2024, all Jan-Robert Baars.

**OFFALY:** Near Birr (N143076), adult undetermined 9 September 2024, Rachel Mc Kenna (NBDC record).

**ROSCOMMON:** Cloonfad River, Blackford Bridge (M492710), 3 larvae 5 June 2024. Springfield River, Ballaghaugeag Bridge (M662705), 1 larva 5 June 2024, all Jan-Robert Baars.

**SLIGO:** Ballyghnatrillick River, Glenriff Valley (G740499), 2♂♂3♀♀ 23 June 2024. Union Wood stream, Collooney (G680281), 19♂♂14♀♀ 27 July 2024 and 1♀ 5 August 2024. Garvoge River, Doorly Park (G707354), 5♂♂2♀♀ 28 September 2024, all Ryan Mitchell, det. Hugh B. Feeley.

**TIPPERARY:** Kilmastulla River, bridge on R500 (Garryclogher) (R840727), 1 larva 11 June 2024. Nenagh River, Ballysollshaun Bridge (R915739), 2 larvae 11 June 2024 and Cloghinch Bridge (R961694), 2 larvae 11 June 2024, all Jan-Robert Baars. River Suir, bridge north of Farranacahill on N62 (S123777), 2 larvae 11 June 2024, Jan-Robert Baars and Ballybeg (S138170), adult undetermined 14 September 2024, Louise Garcia (NBDC record).

**TYRONE:** Aghyaran (H159819), adult undetermined 24 September 2024, David Craig (NBDC record).

**WICKLOW:** Blessington (Pollaphuca Reservoir) (N971127), 1♂ 4 January 2024, Brian Murray (NBDC record). Glencullen River, Knocksink Wood (O210184), 33♂♂19♀♀ 21 July 2024, 25♂♂13♀♀ 16 August 2024 and 6♂♂3♀♀ 5 October 2024, Ryan Mitchell, det. Hugh B. Feeley.

***Leuctra hippopus* Kempny, 1899**

**ARMAGH:** Small stream on Clontigora Hill (J093183), 5♂♂1♀ 3 March 2024, Hugh B. Feeley.

This is a new county record for this species.

**CARLOW:** Aughnabrisk River, Scullogue Bridge (S826478), 1♂2♀♀ 27 February 2024. River Burren, Head of Burren Bridge (S826548), 14♂♂5♀♀ and 1 larva 27 February 2024. Tributary of River Clody, bridge in Kilbrannish South (near Kelly's Quarter) (S854556), 1 larva 27 February 2024, all Jan-Robert Baars.

In the River Burren, several brachypterous males were recorded while the females had shortened wings, i.e. not fully macropterous.

**CLARE:** Lower spring, Keelhilla (M333030), 2 larvae 9 April 2024, David McGrath.

**DONEGAL:** Moneydarragh, south of Gleneely (C546427), 1 larva 19 May 2024, Jan-Robert Baars.

**DUBLIN:** Owendoher River, Cruagh (bridge on R116) (O138227), 10♂♂2♀♀ and 1 larva 26 February 2024, Jan-Robert Baars and Massey Wood (near Hell Fire), Killakee Road (O121237), 3♂♂2♀♀ 30 April 2024, Hugh B. Feeley.

**GALWAY:** Lough Corrib, Cappacorroe (SW of Cong) (M134534), 3♂♂ 16 April 2024 and Glann Road (M060487), 2♂♂2♀♀ 16 April 2024, all Bryan Kennedy, det. Hugh B. Feeley. Tributary of Derrywee River, bridge west of Tooravoola (R353) (M557009), 1♀ 1 May 2024, Jan-Robert Baars.

**MAYO:** Glone River, bridge near Cloonfellagh (L1918) (M389894), 5♂♂3♀♀ (one male with crumpled wings) 1 April 2024, Eoin Kennedy, det. Hugh B. Feeley. Gweedaney, bridge southeast of Curraunboy (F852405), 5♂♂1♀ 8 April 2024. Srahduggan Stream, ford northwest of Srahduggan (F866071), 1♂ 8 April 2024, all Bryan Kennedy, det. Hugh B. Feeley.

**SLIGO:** Union Wood stream, Collooney (G680281), 3♂♂1♀ 24 February 2024, 3♂♂1♀ 11 April 2024 and 1♀ 8 May 2024, Ryan Mitchell, det. Hugh B. Feeley.

**WATERFORD:** Araglin River, Coum Bridge (S248036), 7♂♂6♀♀ 26 April 2024. Mahon River tributary, Coumahon (south of River Mahon, near car park) (S313085), 15♂♂10♀♀ 26 April 2024. Mahon River, Mahon Falls (S314085), 1♂ 26 April 2024. River Tay, Ballykilmurry Bridge (S309050), 1 larvae 26 April 2024. Tributary of Araglin, Bohadoonmountain (S255024), 4♂♂2♀♀ 26 April 2024 and ford southeast of Coum Bridge (S248036), 3♂♂1♀ 26 April 2024. Tributary of River Dalligan, Bolattin (S285019), 8♂♂3♀♀ and 2 larvae 26 April 2024. Tributary of River Deehil, bridge on L3019, Kilrossanty, adjacent church (S310028), 1 larvae 26 April 2024. Tributary of the River Nier, viewpoint, Lachtnafrankie - north of Glendalough (S245176), 2♂♂4♀♀ and 1 larvae 26 April 2024, all Hugh B. Feeley and Jan-Robert Baars.

**WEXFORD:** Boro River, headwaters west of Slievebaun (S808430), 3♂♂1♀ 27 February 2024. River Clody, Kilbrannish South (S848548), 2♂♂ and 3 larvae 27 February 2024, all Jan-Robert Baars.

**WICKLOW:** Glendasan River (old mining works, R756) (T099981), 3♂♂1♀ 17 April 2024. Lough Bray Upper inflow (off Military Road) (O141151), 5♂♂2♀♀ 30 April 2024, all Hugh B. Feeley.

***Leuctra inermis* Kempny, 1899**

**ANTRIM:** Collin Glen lower, near weir (J272714), 1♂1♀ 27 April 2024 and Collin Glen upper, below waterfall (J267723), 3♂♂2♀♀ 27 April 2024. Black Mountain, windy gap (gorge) (J291732), adult undetermined 28 April 2024, all Stewart Rosell.

**CARLOW:** River Burren, Head of Burren Bridge (S826548), 4 larvae 27 February 2024. Tributary of River Clody, bridge in Kilbrannish South (near Kelly's Quarter) (S854556), 1 larva 27 February 2024, all Jan-Robert Baars.

**CLARE:** Lough Avalla well, Lough Avalla loop (R295950), 6 larvae 1 March 2024. Lower spring, Keelhilla (M333030), 10 larvae 9 April 2024, all David McGrath. Moyree River, Addergoole (R402915), 6♂♂7♀♀ 1 May 2024, Jan-Robert Baars.

**DONEGAL:** Meenagassan Brook, Golan Bridge (C423428), 1♀ and 6 larva 18 May 2024, Jan-Robert Baars.

**DUBLIN:** Owendoher River, Cruagh (bridge on R116) (O138227), 1 larva 26 February 2024, Jan-Robert Baars. Massey Wood (near Hell Fire), Killakee Road (O121237), 1♀ 30 April 2024, Hugh B. Feeley.

**GALWAY:** Duniry River, bridge upstream Ballinasack Bridge (M691087), 2 larvae 1 May 2024. Headwaters of Owendalulleagh River, Flaggy Bridge (M611025), 3 larvae 1 May 2024. Beagh River, 1.5km upstream of Lough Cutra (M466004), 1♂2♀♀ 1 May 2024, all Jan-Robert Baars.

**KILKENNY:** Headwaters of Douglas River, bridge northwest of Cloghpook (S548657), 1♀ 24 June 2024. Tributary of Dinin River, southwest of Coan (S586685), 2♂♂5♀♀ 24 June 2024, all Jan-Robert Baars.

**LAOIS:** Tonet River, upstream bridge north of Keeloge North (S231948), 1♂1♀ and 1 larva 10 June 2024, Jan-Robert Baars.

**LOUTH:** Ferryhill Glen Stream, Ferryhill Road (J113191), 5 larvae 3 March 2024, Hugh B. Feeley.

**MAYO:** Gweedaney, bridge southeast of Curraunboy (F852405), 1♂ 8 April 2024, Bryan Kennedy, det. Hugh B. Feeley.

**MEATH:** River Blackwater (Kells), Donaghpatrick Bridge (N819723), 3 larvae 9 July 2024, Hugh B. Feeley.

**SLIGO:** Ballyghnatrillick River, Glenriff Valley (G740499), 1♂1♀ 23 June 2024, Ryan Mitchell, det. Hugh B. Feeley.

**TIPPERARY:** Clodaigh River, bridge north of Castlehill (R981650), 1♂ 11 June 2024, Jan-Robert Baars.

**WATERFORD:** Araglin River, Coum Bridge (S248036), 1♂ and 12 larvae 26 April 2024. Curraghteskin Stream, junction of R671 and Curraghteskin (S195109), 1♂1♀ and 5 larvae 26



April 2024. Glenary River, bridge west of Glenabbey (Castle Road) (S185189), 2♂♂2♀♀ and 1 larvae 26 April 2024. Mahon River tributary, Coumahon (south of River Mahon, near car park) (S313085), 1♂3♀♀ 26 April 2024. Mahon River, Crough Wood (S333067), 2♂♂1♀ and 6 larvae 26 April 2024 and Mahon Falls (S314085), 14♂♂10♀♀ and 6 larvae 26 April 2024. River Tay, Ballykilmurry Bridge (S309050), 16♂♂12♀♀ and 4 larvae 26 April 2024. Tributary of Araglin, Bohadoonmountain (S255024), 2♂♂2♀♀ 26 April 2024 and ford southeast of Coum Bridge (S248036), 3♂♂3♀♀ and 4 larvae 26 April 2024. Tributary of River Dalligan, Bolattin (S285019), 3 larvae 26 April 2024. Tributary of the River Nier, viewpoint, Lachtnafranke - north of Glendalough (S245176), 1♀ and 1 larvae 26 April 2024 and viewpoint, seepage (S246176), 2♂♂ 26 April 2024, all Hugh B. Feeley and Jan-Robert Baars. **WEXFORD:** Boro River, headwaters west of Slievebaun (S808430), 7 larvae 27 February 2024, Jan-Robert Baars.

**WICKLOW:** Glendasan River (old mining works, R756) (T099981), 2♀♀ 17 April 2024. Glenmacnass River (500m downstream of Mall Brook) (O122007), 1♂1♀ 17 April 2024. Lugduff, upstream of Upper Lake, Glendalough (T110961), 1♂2♀♀ 17 April 2024. Lough Bray Upper inflow (off Military Road) (O141151), 2♂♂2♀♀ 30 April 2024. Avonmore River, southeast of Sally Gap (O144098), 1♂1♀ 18 June 2024, all Hugh B. Feeley.

***Leuctra nigra* (Olivier, 1811)**

**ANTRIM:** Glendum River, Slievedaorragh Forest (D166279), 1♂ 28 April 2023, Adam Mantel, det. Helen M. Barber-James.

This is a new county record for *Leuctra nigra*.

**DONEGAL:** Lough Eske, Ardnamona Wood (G964847), 28♂♂26♀♀ 21 April 2024 and 3♂♂1♀ 22 July 2024, Ryan Mitchell, det. Hugh B. Feeley.

**SLIGO:** Union Wood stream, Collooney (G680281), 6♂♂5♀♀ 11 April 2024, 1♂ 20 April 2024, 1♀ 8 May 2024 and 2♀♀ 15 May 2024, Ryan Mitchell, det. Hugh B. Feeley.

Most males exhibited the additional upstanding processes on tergite VII, as shown in Plate 3 in Feeley *et al.* (2024), the dominant form of adult males in Ireland.

**NEMOURIDAE**

***Amphinemura sulcicollis* (Stephens, 1836)**

**ANTRIM:** Collin Glen lower, near weir (J272714), 3♂♂2♀♀ 27 April 2024, Stewart Rosell.

**CLARE:** Moyree River, Addergoole (R402915), 2♀♀ 1 May 2024, Jan-Robert Baars.

**DONEGAL:** Meenagassan Brook, Golan Bridge (C423428), 1♀ and 1 larva 18 May 2024, Moneydarragh, south of Gleneely (C546427), 1♂ 19 May 2024, all Jan-Robert Baars.

**GALWAY:** Beagh River, 1.5km upstream of Lough Cutra (M466004), 2♂♂6♀♀ 1 May 2024, Duniry River, bridge upstream Ballinasack Bridge (M691087), 1 larva 1 May 2024. Headwaters of Owendalullegh River, Flaggy Bridge (M611025), 1♂ and 3 larvae 1 May 2024. Owenwee

River, downstream of Tawnaghbeg Lough (M016466), 6♂♂13♀♀ and 2 larvae 3 May 2024. Tributary of Lough Adrehid, Letterfore (M060442), 1♀ and 1 larva 3 May 2024, all Jan-Robert Baars.

**KILKENNY:** Dinin River, Castlecomer (S536730), 1♂ 24 June 2024. Tributary of Dinin River, southwest of Coan (S586685), 1♂2♀♀ 24 June 2024, all Jan-Robert Baars.

**SLIGO:** Ballyghnatrillick River, Glenriff Valley (G740499), 1♂3♀♀ 23 June 2024, Ryan Mitchell, det. Hugh B. Feeley.

**TIPPERARY:** Clodaigh River, bridge north of Castlehill (R981650), 1♂ 11 June 2024, Jan-Robert Baars.

**WATERFORD:** Tributary of River Dalligan, Bolattin (S285019), 3 larvae 26 April 2024, Hugh B. Feeley and Jan-Robert Baars.

**WEXFORD:** River Clody, Kilbrannish South (S848548), 1 larva, 27 February 2024, Jan-Robert Baars.

**WICKLOW:** Lough Bray Lower, northwest shore (O133164), 1♂2♀♀ 19 June 2024 and south shore (O138159), 12♂♂4♀♀ 19 June 2024, all Hugh B. Feeley.

***Nemoura avicularis* Morton, 1894**

**CARLOW:** River Burren, Head of Burren Bridge (S826548), 1 larva 27 February 2024, Jan-Robert Baars.

This is the first record in County Carlow and the southeast of the country.

**LEITRIM:** Lough Gill, Parkes Castle (G782350), 2♂♂1♀ (two males and one female with crumpled wings) 10 April 2024, Bryan Kennedy, det. Hugh B. Feeley.

**MAYO:** Ballintober, on road (L1703) [found on person while out cycling] (M147787), 1♀ 20 April 2024. River Robe, bridge on L25116 (M362723), 1♀ 21 April 2024 and Crossboyne (M337710), 2♂♂2♀♀ (one male and one female with crumpled wings) 21 April 2024, all Hugh B. Feeley.

**SLIGO:** Lough Gill, Saint Angela's (G750343), 5♂♂7♀♀ 3 April 2024. Garvoge River, Doorly Park (G707354), 1♂ 17 April 2024, all Ryan Mitchell, det. Hugh B. Feeley.

***Nemoura cinerea* (Retzius, 1783)**

**ANTRIM:** Tower Road (D292225), 1 larvae 12 April 2024, Helen M. Barber-James.

**CLARE:** Lower spring, Keelhilla (M333030), 1 larvae 9 April 2024, David McGrath, det. Amy Weir. Bog site near Lough Bunny (Poulroe) (R386960), 1♀ 1 May 2024, Jan-Robert Baars.

**DERRY/LONDONDERRY:** Drumnaph (C845041), 1♂2♀♀ 1 April 2023, Helen M Barber-James, det. Amy Weir.

This is a new county record for this species.

**DONEGAL:** Lough Eske, Ardnamona Wood (G964847), 1♂2♀♀ 21 April 2024, Ryan Mitchell, det. Hugh B. Feeley. Lough Fad, north shoreline (C539396), 3♂♂1♀ 19 May 2024,

Jan-Robert Baars.

**DOWN:** Glen Stream, Kilbroney Park, Rostrevor (J186182), 1♂ 25 April 2023, Adam Mantel, det. Amy Weir. Trevenadenagh Wood (J401467), 1 larvae 27 April 2023, Adam Mantel, det. Amy Weir.

**FERMANAGH:** Castle Coole, near Lough Coole (H256438), 1♂1♀ 10 May 2024, Ryan Mitchell, det. Hugh B. Feeley.

The only previous record for this species in Co. Fermanagh is from Lower Lough MacNea.

**GALWAY:** Lough Corrib, Cappacorroe (southwest of Cong) (M134534), 1♂ 16 April 2024 and Glann Road (M060487), 15♂♂10♀♀ (one male with *Entomophthora*) 16 April 2024, Bryan Kennedy, det. Hugh B. Feeley.

**MAYO:** Lough Beltra, east shore (off R312) (M080985), 1♂ 2 April 2024, Hugh B. Feeley. Lough Conn, Massbrook (G167068), 1♀ 14 April 2024, Bryan Kennedy, det. Hugh B. Feeley.

**SLIGO:** Garvoge River, Doorly Park (G707354), 2♀♀ 9 April 2024. Union Wood stream, Collooney (G680281), 1♀ 11 April 2024, 2♀♀ 20 April 2024 and 1♀ 8 May 2024, all Ryan Mitchell, det. Hugh B. Feeley.

**TYRONE:** Drumcairn (H877701), 1♀ 1 April 2023, Adam Mantel, det. Amy Weir.

This is a new county record for this species.

**WATERFORD:** Mahon River, Mahon Falls (S314085), 1 larvae 26 April 2024. Tributary of Araglin, Bohadonmountain (S255024), 1♂ 26 April 2024, all Hugh B. Feeley and Jan-Robert Baars.

***Nemurella pictetii* Klapálek, 1900**

**CARLOW:** River Burren, Head of Burren Bridge (S826548), 3 larvae 27 February 2024, Jan-Robert Baars.

This is a new county record for this species.

**CLARE:** Poulnalour stream, Poulnalour (R308954), 4 larvae 18 March 2024. Lower spring, Keelhilla (M333030), 29 larvae 9 April 2024. Tobarcolumncille well, Glencolumcille South (R317995), 3 larvae 9 April 2024. Tobarsheela, Corcomroe (M295089), 19 larvae 16 May 2024. Tobardhu, Derrynavahagh (M176059), 14 larvae 27 May 2024. Perills Well, Curratober (R690871), numerous larvae 7 September 2024. Tobar na nOlc, Curratober (R692870), 1 larvae 7 September 2024, all David McGrath.

**DONEGAL:** Lough Eske, Ardnamona Wood (G964847), 1♂2♀♀ 21 April 2024, Ryan Mitchell, det. Hugh B. Feeley.

**DOWN:** Mourne Park (J266163), 2♂♂ 30 March 2024, Helen M. Barber-James.

**DUBLIN:** Owendoher River, Cruagh (bridge on R116) (O138227), 1♂1♀ 26 February 2024, Jan-Robert Baars.

These are the earliest adult records published for Irish populations although February is

within the expected period for adults (see species information in Feeley *et al.* (2016) or Macadam *et al.* (2022) for details).

**MEATH:** River Boyne, Kilcarn Bridge (N885655), 1 larvae 9 July 2024, Hugh B. Feeley.

**TYRONE:** Ulster American Folk Park (H431794), 12 larvae 7 August 2024, Helen M. Barber-James, det. Amy Weir.

**WATERFORD:** Mahon River tributary, Coumahon (small tributary at car park) (S313081), 2 larvae 26 April 2024 and Coumahon (south of River Mahon, near car park) (S313085), 3 larvae 26 April 2024. River Tay, Ballykilmurry Bridge (S309050), 1 ♀ 26 April 2024, all Hugh B. Feeley and Jan-Robert Baars.

**WICKLOW:** Vartry Reservoir Lower, west shore (O198024), 2 ♂♂ 19 June 2024, Hugh B. Feeley.

***Protonemura meyeri* (Pictet, 1841)**

**ANTRIM:** Ardcurus, Rathlin Island (D120514), 1 ♀ 12 April 2024, Helen M. Barber-James. Collin Glen lower, near weir (J272714), 1 ♂ 27 April 2024. Collin Glen upper (J267723), 1 ♀ 27 April 2024 and below waterfall (J267723), 1 ♀ 27 April 2024. Black Mountain, above windy gap gorge (J288735), 1 ♀ 28 April 2024 and at windy gap (gorge) (J291732), 1 ♂ 2 ♀♀ 28 April 2024. Cave Hill stream (J325802), adult undetermined 25 May 2024, all Stewart Rosell.

**ARMAGH:** Small stream on Clontigora Hill (J093183), 1 ♂ 3 March 2024, Hugh B. Feeley.

**CARLOW:** Aughnabriskey River, Scullogue Bridge (S826478), 2 ♂♂ 1 ♀ 27 February 2024, Jan-Robert Baars.

**CORK:** Castlemartyr Woods (W957737), adult undetermined 28 April 2024, John O'Sullivan (NBDC record).

**DONEGAL:** Lough Eske, Ardnamona Wood (G964847), 2 ♀♀ 21 April 2024, Ryan Mitchell, det. Hugh B. Feeley.

**DOWN:** Mourne Park (J266163), 2 ♂♂ 30 March 2024, Helen M. Barber-James. Yellow Water picnic area (J208223), adult undetermined 7 April 2024, Owen Beckett (NBDC record).

**DUBLIN:** Owendoher River, Cruagh (bridge on R116) (O138227), 6 ♂♂ 4 ♀♀ 26 February 2024, Jan-Robert Baars.

**GALWAY:** Headwaters of Owendalulleagh River, Flaggy Bridge (M611025), 1 larva 1 May 2024, Jan-Robert Baars.

**KERRY:** Tralee-Fenit Greenway (Q836150), adult undetermined 14 April 2024, Richard Moloney (NBDC record).

**LOUTH:** Ferryhill Glen Stream, Ferryhill Road (J113191), 1 ♂ and 2 larvae 3 March 2024, Hugh B. Feeley.

**MAYO:** Srah River, bridge on R300 (M118724), 1 ♀ 30 March 2024, Hugh B. Feeley. Glore River, bridge near Cloonfellagh (L1918) (M389894), 2 ♀♀ 1 April 2024, Méabh Kennedy, det.

Hugh B. Feeley. Lough Beltra, east shore (off R312) (M080985), 1♀ 2 April 2024, Hugh B. Feeley. Glenturk, bridge upstream Carrowmore Lake (F869284), 1♀ 8 April 2024, Bryan Kennedy, det. Hugh B. Feeley.

**SLIGO:** Union Wood stream, Collooney (G680281), 1♀ 24 February 2024, Ryan Mitchell, det. Hugh B. Feeley.

**WATERFORD:** Araglin River, Coum Bridge (S248036), 1♀ 26 April 2024. Glenary River, bridge west of Glenabbey (Castle Road) (S185189), 1♀ and 1 larvae 26 April 2024, Hugh B. Feeley and Jan-Robert Baars. Mahon River, Mahon Falls (S314085), 4♂♂21♀♀ 26 April 2024. River Tay, Ballykilmurry Bridge (S309050), 14♂♂6♀♀ 26 April 2024. Tributary of Araglin, Bohadoonmountain (S255024), 6♂♂9♀♀ 26 April 2024 and ford southeast of Coum Bridge (S248036), 1♂1♀ 26 April 2024. Tributary of the River Nier, viewpoint, Lachtnafranke - north of Glendalough (S245176), 3♂♂1♀ 26 April 2024, all Hugh B. Feeley and Jan-Robert Baars.

**WEXFORD:** Boro River, headwaters west of Slievebaun (S808430), 4 larvae 27 February 2024. River Clody, Kilbrannish South (S848548), 1♂ and 1 larva 27 February 2024, all Jan-Robert Baars.

**WICKLOW:** Devil's Glen (T242987), adult undetermined 30 March 2024, Joshua Clarke (NBDC record). Glendasan River, Bridge upstream Glenealo River confluence (T123969), 2♀♀ 17 April 2024. Glenmacnass River (500m downstream of Mall Brook) (O122007), 1♂ 17 April 2024. Lugduff, upstream of Upper Lake, Glendalough (T110961), 2♂♂2♀♀ 17 April 2024, all Hugh B. Feeley.

***Protonemura praecox* (Morton, 1894)**

**DUBLIN:** Owendoher River, Cruagh (bridge on R116) (O138227), 7♂♂3♀♀ 26 February 2024, Jan-Robert Baars and Massey's Wood (near Hell Fire), Killakee Road (O121237), 1♀ 30 April 2024, Hugh B. Feeley.

**KERRY:** Tomies Wood River, off small road (V912878), 1♀ 20 April 2023, 1.4 km upstream of small road (west tributary, Coomclochan) (V907867), 2♀♀ 21 April 2023 and 850m upstream of small road (V911870), 2♀♀ 21 April 2023, all Jan-Robert Baars.

**LOUTH:** Ferryhill Glen Stream, Ferryhill Road (J113191), 1♂ and 2 larvae 3 March 2024, Hugh B. Feeley.

All adult records listed here for *Protonemura praecox* are also listed in Feeley and Baars (2024). The records for counties Louth and Kerry are new county records for this species. Adult records are now confirmed for counties Dublin, Kerry, Louth and Wicklow, with historical larval records available for Antrim, Cork, Mayo and Tipperary (Feeley, 2021).

**PERLIDAE**

***Dinocras cephalotes* (Curtis, 1827)**

**ANTRIM:** Inver River, Glenariff (D221190), 1 larvae 6 September 2024, Cathal McNaughton

(NBDC record).

**SLIGO:** Grange River, Cloontyprocklis (G650495), 1 larvae 27 September 2024, Conall Bonner (NBDC record).

**TIPPERARY:** Glengarra Wood (R926189), 1 larvae 5 March 2024, Simmone Flanagan (NBDC record) and (R928281), 1 larvae 5 March 2024, Kate Yeung (NBDC record).

***Perla carlukiana* Klapálek, 1907**

**CORK:** Bweeng (W497884), 1 ♀ 2 June 2024, Jim Quinn (NBDC record).

The species *Perla carlukiana* was reinstated after Reding (2023) and is considered endemic to Ireland and Great Britain. *P. bipunctata* Pictet, 1833 is no longer an accepted Irish species. Note this species will key out as *P. bipunctata* in Macadam *et al.* (2022) (and Hynes (1977)) but should be considered *P. carlukiana*.

**PERLODIDAE**

***Diura bicaudata* (Linnaeus, 1758)**

**CLARE:** Lough Avalla well, Lough Avalla loop (R295950), 1 larvae 1 March 2024, David McGrath.

**DUBLIN:** Owendoher River, Cruagh (bridge on R116) (O138227), 1 larvae 26 February 2024, Jan-Robert Baars.

**MAYO:** Lough Mask, shore at Paddy's, Cappaduff West (M086658), 1 ♂ 30 March 2024. Lough Beltra, east shore (off R312) (M080985), 1 ♀ 2 April 2024, all Hugh B. Feeley.

All females collected in Mayo exhibited brachyptery, while males exhibited microptery.

**WATERFORD:** Mahon River, Mahon Falls (S314085), 2 ♀♀ 26 April 2024. Tributary of Araglin, Bohadonmountain (S255024), 1 larvae 26 April 2024. Tributary of River Dalligan, Bolattin (S285019), 1 ♂ 1 ♀ and 3 larvae 26 April 2024, all Hugh B. Feeley and Jan-Robert Baars.

**WICKLOW:** Lugduff, upstream of Upper Lake, Glendalough (T110961), 2 ♂♂ 17 April 2024, Hugh B. Feeley.

All males collected in Waterford and Wicklow were micropterous, while all females were macropterous.

***Isoperla subarmata* Despax, 1936**

**ANTRIM:** Collin Glen (upper, below waterfall) (J267723), 1 ♀ 27 April 2024, Stewart Rosell.

**CAVAN:** River Blackwater (Kells), Killinkere Bridge (N614933), 1 larva 5 June 2024, Jan-Robert Baars. Nadreegeel Lough stream, Assan Bridge (N553961), 1 larvae 3 July 2024, Hugh B. Feeley.

**CLARE:** River Fergus, Addroon Bridge (R359878), 4 larvae 1 May 2024, Jan-Robert Baars, and 4 ♂♂ 3 ♀♀ 30 May 2024 and Poplar Bridge (R271911), 3 ♂♂ 7 ♀♀ 29 May 2024, all Hugh B. Feeley. Moyree River, Addergoole (R402915), 2 ♀♀ 1 May 2024, Jan-Robert Baars. Fanore

(M163082), adult undetermined 12 June 2024, Gerard Lane (NBDC record). Creegh River, Creegh Village (R034668), 1 larvae 3 July 2024, David McGrath.

**CORK:** Monard Glen (W639762), adult undetermined 16 May 2024, Tim Butter (NBDC record).

**DONEGAL:** Meenagassan Brook, Golan Bridge (C423428), 1 ♀ and 1 larva 18 May 2024, Jan-Robert Baars.

**DOWN:** Yellow Water Picnic Area (J207222), adult undetermined 7 April 2024, Owen Beckett (NBDC record).

**DUBLIN:** Owendoher River, Cruagh (bridge on R116) (O138227), 1 larva 26 February 2024, Hugh B. Feeley.

**GALWAY:** Beagh River, 1.5km upstream of Lough Cutra (M466004), 2 ♂♂ 1 ♀ 1 May 2024. Duniry River, bridge upstream Ballinasack Bridge (M691087), 1 larva 1 May 2024. Headwaters of Owendalulleagh River, Flaggy Bridge (M611025), 5 larvae 1 May 2024. Tributary of Derrywee River, bridge west of Tooravoola (R353) (M557009), 3 larvae 1 May 2024. Owenwee River, downstream of Tawnaghbeg Lough (M016466), 2 ♂♂ 2 ♀♀ and 2 larvae 3 May 2024, all Jan-Robert Baars.

**KERRY:** Glanageenty (Q946142), adult undetermined 12 June 2024, Anneke O' Connor (NBDC record). Tomies East (V888994), adult undetermined 14 July 2024, Louise Garcia (NBDC record).

**KILKENNY:** Dinin River, Castlecomer (S536730), 1 ♀ and 1 larva 24 June 2024. Headwaters of Douglas River, bridge northwest of Cloghpook (S548657), 1 larva 24 June 2024. Monefilm River, Castlewarren Bridge (S610609), 1 larva 24 June 2024. Oldtown River, bridge upstream Munster River confluence (S392467), 1 larva 24 June 2024. Tributary of Dinin River, southwest of Coan (S586685), 1 larva 24 May 2024, all Jan-Robert Baars.

**LAOIS:** Delour River, Ballycarrol, Picnic area (S291980), 3 larvae 10 June 2024. River Bauteogue, upstream bridge in Timahoe (S536902), 2 larvae 10 June 2024. Owenbeg River, bridge westnorthwest of Boleybawn (Cloghoge) (S479810), 1 larva 10 June 2024. River Nore, Castletown New Road Bridge (S341921), 3 larvae 10 June 2024 and Poorman's Bridge (S407859), 3 larvae 10 June 2024. Tonet River, upstream bridge north of Keeloge North (S231948), 2 larvae 10 June 2024, all Jan-Robert Baars.

**LOUTH:** Ferryhill Glen Stream, Ferryhill Road (J113191), 5 larvae 3 March 2024, Hugh B. Feeley.

**MEATH:** Kilmainham River, bridge upstream of Whitewood Lough (N789891), 1 larva 4 June 2024, Jan-Robert Baars.

**MONAGHAN:** Fane River, bridge in Inniskeen (H932070), 1 larva 5 June 2024, Jan-Robert Baars.

**ROSCOMMON:** Cloonfad River, Blackford Bridge (M492710), 2 larvae 5 June 2024. River Suck, Ballyforan Bridge (M816463), 1♂ 12 June 2024, all Jan-Robert Baars.

**TIPPERARY:** Clodaigh River, bridge north of Castlehill (R981650), 1♂ and 2 larvae 11 June 2024. Kilmastulla River, bridge on R500 (Garryclogher) (R840727), 1 larva 11 June 2024. Nenagh River, Cloghinch Bridge (R961694), 2♂♂ and 4 larvae 11 June 2024, all Jan-Robert Baars.

**WATERFORD:** Araglin River, Coum Bridge (S248036), 1 larvae 26 April 2024. Curraghteskin Stream, junction of R671 and Curraghteskin (S195109), 2 larvae 26 April 2024. Glenary River, bridge west of Glenabbey (Castle Road) (S185189), 5 larvae 26 April 2024. River Tay, Ballykilmurry Bridge (S309050), 2 larvae 26 April 2024. Tributary of Araglin, Bohadoonmountain (S255024), 3 larvae 26 April 2024. Tributary of River Deehil, bridge on L3019, Kilrossanty, adjacent church (S310028), 1 larvae 26 April 2024. Tributary of the River Nier, viewpoint, Lachtnafrankee - north of Glendalough (S245176), 1 larvae 26 April 2024, all Hugh B. Feeley and Jan-Robert Baars.

**WEXFORD:** River Clody, Kilbrannish South (S848548), 2 larvae 27 February 2024, Jan-Robert Baars.

Note this species will key out as *Isoperla grammatica* (Poda, 1761) in Macadam *et al.* (2022) (and Hynes (1977)) but should be considered *I. subarmata*.

Specimens forwarded to Jean-Paul Reding by Hugh B. Feeley, and listed in Reding (2024), included the following previously reported in Feeley *et al.* (2023): **DUBLIN:** River Dodder, 1.3km upstream of reservoir upstream distributary (O111201) 1♂ 20 June 2022; **KILDARE:** Painstown River, Painstown Bridge (N940243) 1♂1♀ 13 June 2022; **MAYO:** Srahduggan stream, ford northwest of Srahduggan (F866071) 1♂ 27 April 2022, collected by B. Kennedy, identified by H. B. Feeley. Finny River, bridge southwest of Finny (M010586) 1♀ 5 June 2022, H. B. Feeley; **WESTMEATH:** River Brosna, Ballinagore (N356396) 1♂ 5 May 2022, H. B. Feeley; **WICKLOW:** King's River, bridge northwest of Lockstown Upper (N978034) 2♂♂1♀ 7 June 2022, H. B. Feeley.

## TAENIOPTERYGIDAE

### *Brachyptera risi* (Morton, 1896)

**ANTRIM:** Ardcurus, Rathlin Island (D120514), 9 larvae 12 April 2024, Helen M. Barber-James. Collin Glen upper, below waterfall (J267723), adult undetermined 27 April 2024, side stream (J269725), adult undetermined and side stream (J268723), 1♂1♀ 27 April 2024, all Stewart Rosell.

**CORK:** Mullinhassig Wood (W426755), adult undetermined 3 April 2024, Mike O'Sullivan (NBDC record).

**DOWN:** small stream, Redburn Country Park, Holywood (J399771), 2 larvae 2 April 2024,



Helen M. Barber-James.

**DUBLIN:** Owendoher River, Massey Wood (near Hell Fire), Killakee Road (O121237), 1♀ 30 April 2024, Hugh B. Feeley.

**KERRY:** Glanageenty (Q946142), adult undetermined 12 June 2024, Anneke O' Connor (NBDC record).

**LOUTH:** Ferryhill Glen Stream, Ferryhill Road (J113191), 14 larvae 3 March 2024, Hugh B. Feeley.

**MAYO:** Srah River, Bridge on R300 (M118724), 1♂ 30 March 2024, Hugh B. Feeley.

**SLIGO:** Union Wood stream, Collooney (G680281), 1♀ 20 April 2024 and 1♀ 8 May 2024. Ballyghnatrillick River, Glenriff Valley (G740499), 1♀ 23 June 2024, all Ryan Mitchell, det. Hugh B. Feeley.

**TIPPERARY:** Glenary River, Russellstown (S191188), adult undetermined 8 May 2024, Louise Garcia (NBDC record).

**WATERFORD:** Araglin River, Coum Bridge (S248036), 1♂ and 1 larvae 26 April 2024. Glenary River, bridge west of Glenabbey (Castle Road) (S185189), 1♂ 26 April 2024. Tributary of Araglin, Bohadoonmountain (S255024), 1♂ 26 April 2024. Tributary of the River Nier, viewpoint, Lachtnafrankee - north of Glendalough (S245176), 1 larvae 26 April 2024, all Hugh B. Feeley and Jan-Robert Baars.

**WICKLOW:** Glendasan River, old mining works, R756 (T099981), 1♀ 17 April 2024 and bridge upstream Glenealo River confluence (T123969), 3♀♀ 17 April 2024. Glenmacnass River, 500m downstream of Mall Brook (O122007), 1♂ 17 April 2024. Lugduff, upstream of Upper Lake, Glendalough (T110961), 1♂1♀ (one female with crumpled wings) 17 April 2024, all Hugh B. Feeley.

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