

HYMENOPTERA

ACULEATA,

AND

PARASITICA

Ed. 2^a.

1921.

Hymenoptera Aculeata
collected by A.W. Stetson
from 1921 onwards.

"R.C.L.P." following a name signifies that specimens
were seen & verified by Dr. R.C.L. Perkins, F.R.S.

Andrena albicans (= *sericea*) ♂♂ & ♀♀ } Sand hills, at
" *albicans* ♀ } Malahide, Co. Dubli.
" *nigroaenea* ♂♂ & ♀♀ } a. U. S. 1/5/21.
Nomada goodeniana ♂ }
Psithyrus distinctus ♀ } all verified by
R.C.L.P.

Halictus rubicundus ♀♀. } On edge of footpath
Andrena trimmura (*jacobi* Perkins) ♂ } along sea, opposite
" *wilkella* ♂ } Grand Hotel,
Malahide, Co. Dubli.
a. U. S. 1/5/21.
all verified by R.C.L.P.

Salix fusca 2 ♂♂.
Halictus rubicundus ♀♀ } Railway cutting
" *nitidiusculus* ♀♀ } immediately S. of
" *leucopus* ♀ } Malahide Station
Sphex similis ♀ } Co. Dubli.
Andrena albicans ♂♂ & ♀♀ } a. U. S. 1/5/21.
" *wilkella* ♂ } all verified by
" *jacobi* ♂♂ & ♀♀ } R.C.L.P.
Some of the ♀♀ "Var. *scotica* Perkins"
" *gwynana* 2 ♀♀. }
" *nigroaenea* ♂. }
" *subopaca* ♂♂ & ♀♀. } ✓

cont. on next page.

Nomada goodeniana ♂
 " *marshamella* ♂♂ + ♀♀
 " *bifida* ♂ + ♀
 Ry. cutting Malahide cont.
 1/5/21.
 R.C.L.P. ✓

Andrena nigroaenea ♂♂
 " *jacobi* ♂
 Sandhill at Malahide,
 Co. Dublin. A.W.S. 2/5/21.
 all ✓ R.C.L.P.

Andrena nigroaenea ♂♂ + ♀♀
 Sandy bank, S. of Hotel, Malahide,
 Co. Dublin. A.W.S. 2/5/21.
 ✓ R.C.L.P. ✓

Bombus terrestris ♀
 " *jonellus* ♀
 " *hortorum* ♀
 " *agrorum* ♀
 " *muscorum* ♀
 In garden (adjacent to railway
 cutting) / Castle Terrace
 Malahide, Co. Dublin.
 A.W.S. 2/5/21.
 ✓ R.C.L.P. ✓

Andrena sericea ♂♂ + ♀♀
 " *albicans* ♂
Nomada goodeniana ♂
 On golf links, & sand hills
 Malahide, Co. Dublin.
 A.W.S. 4/5/21.
 ✓ R.C.L.P. ✓

Andrena nigroaenea ♂♂ + ♀
 " *jacobi* ♂
Nomada goodeniana ♂♂
 " *marshamella* ♂.
Psithyrus distinctus ♀.
 Old quarry, above church,
 S. of Malahide, Co. Dublin.
 A.W.S. 5/5/21.
 ✓ R.C.L.P. ✓

Salix fusca ♀
Andrena nigroaenea ♂♂
 near Corballis house, N. shore of Malahide
 Estuary, Co. Dublin. A.W.S. 5/5/21.
 ✓ R.C.L.P. ✓

Vespa vulgaris ♀
 " *rufa* ♀♀
Andrena jacobi ♂♂
 Garden at Malahide,
 Co. Dublin.

Nomada marshamella ♂♂♀
Bombus lapidarius ♀
Alloea contracta 1 ♀ fully winged
 on 5.5.21.
 A.W.S. 5 & 8/5/21.
 ✓ R.C.L.P. ✓

Andrena sericea (*albicans*) ♂♂
Bombus derhamellus ♀
 Sandhill, at Portrane
 Co. Dublin. A.W.S. 5/5/21.
 ✓ R.C.L.P. ✓

Salix fusca ♀
Andrena jacobi ♂ + ♀
 " *nigroaenea* ♂
Nomada marshamella ♂ + ♀♀
 " *goodeniana* ♂
 " *bifida* ♂ + ♀♀
 Railway bank, S. of
 Malahide station
 (as before), Co. Dublin.
 A.W.S. 13/5/21.
 ✓ R.C.L.P. ✓

4.
Odynerus pictus ♂♂

Halictus rubicundus ♀♀

" *smeathmanella* 2♀♀

" Aberrant ex-ample! Both have slightly metallic base of abdomen & are very closely similar. I have kept one for reference & should much like you to get more & also ♂♂
R.C.L.P. in litt to A.W.S.

Andrena nigroaenea ♂♂

" *jacobi* ♀♀

Nomada foodeniana ♀♀

" *marshamella* ♂♂

" *bifida* ♂

Quarry in railway cutting, just S. of last locality, Malahide, Co. Dublin.

A.W.S. 15/5/21.

✓ R.C.L.P.

✓

Andrena albicans ♂♂

" *nigroaenea* ♂

" *jacobi*, ♂ & ♀ (v. *scotica*).

" *wilkella* ♂

Nomada foodeniana ♀

Bombus hortorum ♀

Feltrin Hill,

Co. Dublin.

A.W.S. 15/5/21.

✓ R.C.L.P.

✓

Andrena jucata ♂

✓ R.C.L.P.

Hedge near Garristown, Co. Dublin.

A.W.S. 17/5/21.

✓

5.
Bombus terrestris ♀ (18/5/21)

" *distinguendus* ♀ (20/5/21) R.

" *agrorum* ♀ " R.

" *derhamella* ♀ " R.

Psithyrus distinctus ♀ ✓

Garden at Malahide

Co. Dublin.

A.W.S. 1921 (see date)

"R" = on Raspberries!

✓ R.C.L.P.

Andrena jucata ♂♂. Sandhill, The Island, Malahide,

Osmia aurulenta ♂ Co. Dublin. A.W.S. 21/5/21.

New to Ireland!

A very cold windy day!

Odynerus pictus ♂♂ & ♀♀.

Chrysis ignita

Andrena jucata ♂

" *nigroaenea* ♀ ✓

" *subopaca* ♀ ✓

" *saundersella* (= *nana* E.S.) ♀

Railway bank (as before)

S. of Malahide, Co. Dublin.

A.W.S. 22/5/21.

✓ R.C.L.P.

Nomada marshamella ♂♂

Psithyrus barbatus ♀

Pemphredon lugubris ♂ On laurel bush, in garden, Malahide.

Co. Dublin. A.W.S. 22/5/21. ✓ R.C.L.P.

Andrena jacobi ♀♀ on bank of road in front of hotel

Malahide, Co. Dublin. A.W.S. 23/5/21.

"All var. *scotica*" R.C.L.P.

✓

Sphecodes similis ♀
 " *affinis* 2♀♀
Halictus calceatus (= *cylindricus*) ♀
 " *rubicundus* ♀♀
 " *nitidiusculus* ♀♀
 " *tumulosus* ♀♀
Andrena fucata ♂♂
 " *nigroaenea* ♂
 " *wilkella* ♂
Nomada marshamella ♂
 " *goodeniana* ♀♀
 " *ruficornis* ♀
 " *flavoguttata* ♂+♀.

Sunny roadside bank,
 S. of Malahide Castle,
 Co. Dublin.
 A.W.S. 22/5/21.

✓ R.C.L.P.

Sphecodes similis ♀
Andrena sericea ♂♂+♀♀
 " *wilkella* ♂

Sandhills at Malahide
 (as before) Co. Dublin.
 A.W.S. 24/5/21.
 ✓ R.C.L.P.

Compilus gibbus ♀
Pemphredon lethifer ♂
Tachytes pectinipes ♂
Ormia airculenta ♂♂+♀♀
 Nesting in shells of *Helix nemoralis*
 & *Helicella itala*.

Sandhills, The Island,
 Malahide, Co. Dublin.
 A.W.S. 24/5/21.

✓ R.C.L.P.

Bombus lucorum ♀♀+♂

B. D. Perkins does not prefer to be able to
 distinguish ♀♀ of *Compilus gibbus* from
 those of *unipunctatus* ~~unipunctatus~~
 without presence of ♂♂

Crabro dimidiatus ♂♂
Odynerus pictus ♀
Andrena nigroaenea ♂♂
 faded!
Nomada marshamella ♀
Bombus lucorum ♀
Psithyrus tartatellus ♀♀

Quarry in ry cutting (as before)
 S. of Malahide, Co. Dublin.
 15 & 29/5/21. A.W.S.

✓ R.C.L.P.

Vespa austriaca ♀
Andrena fucata ♀
 " *albicans* ♀

In garden, Malahide, Co. Dublin.
 A.W.S. 29/5/21.
 ✓ R.C.L.P.

Andrena sericea ♂. Sandhills at Portmarnock,
 Co. Dublin. A.W.S. Afternoon (dull) 29/5/21.

Sphecodes hyalinatus ♀ } side bank at
Halictus fuciger ♀ } 1000 to 1200
 ft. alt.
Andrena fucata ♂♂. 600 to 1,000 ft. alt.
Nomada marshamella. 600 to 700 ft. alt.
Psithyrus tartatellus ♀ } roadside at
 top of upper
 " *quadricolor* ♀ } recess,
 600 ft. alt.

Upper Glenasmole
 (north by the Slade)
 Co. Dublin.
 A.W.S. (with G.P.C.M.)
 2/6/21.
 ✓ R.C.L.P.

Compilus niger

Devil's Glen, Co. Wicklow.

A.W.S. (with G.P.C.M.) 5/6/21.
 ✓ R.C.L.P.

also saw but could not capture
 a ♀ *Andrena cineraria*! A.W.S.

Crabro varius ♂♂ + ♀
on black-currant bushes!
Odynerus pictus ♀
Andrena wilkella ♀
Bombus jonellus ♀

"Mayfield", Rathgar,
Co. Dublin.
(A.W.S.'s garden. Back-garden
unless otherwise stated!)
June 1921. ✓ R.C.L.P.

Pemphredon shuckardi ♀
Crabro varius ♂
Sphacodes ferruginatus ♀
Halictus nitidiusculus ♀
" *leucopus* ♀
Andrena fucata ♂♂
" *saundersella* ♂ + ♀
Nomada marshamella ♀
" *flavoguttata* ♂

Sunny bank (ditch) in fields
E. of Newrath Bridge Hotel,
Co. Wicklow. A.W.S.
Afternoon! 5/6/21.

Pompilus gilvus? ♀ Sandhills.
Pemphredon lethifer ♂ "
Sphacodes affinis ♀ Clay bank.
Andrena fucata ♂ ?
Nomada bifida ♀ Bank.

Sandhills + vicinity,
Brittas Bay,
Co. Wicklow.
A.W.S. 6/6/21
A brilliant day with
strong E. wind!

Vespa rufa ♀ "Var. with colour
of abdomen like *austriaca*!" R.C.L.P.
V. sylvestris ♀
Andrena fucata ♂
Halictus nitidiusculus ♀
Nomada marshamella ♂
" *bifida* ♀
" *ruficornis* ♀
Bombus hortorum ♀

Garden, and bank (as
before), Newrath Bridge
Hotel, Co. Wicklow.
A.W.S. Afternoon 6/6/21.
✓ R.C.L.P.

Pompilus gilvus ♀ ♀♀
Tachytes pectinipes ♂♂
Odynerus pictus ♂♂ + ♀♀
Vespa austriaca ♀
Sphacodes similis ♀
" *affinis* ? ♀♀
Halictus villosulus 3 ♀♀
" *nitidiusculus* 2 ♀♀
" *rubicunda* ♀♀
" *punctatissimus* 1 ♀
" *tumulosus* 4 ♀♀
Andrena nigroaenea ♂
" *jacobi* ♀
" *saundersella* 2 ♂♂

Cliff + coast, and
ledge-banks near
the Silver Strand,
S. of Wicklow
Co. Wicklow.
A.W.S. Forenoon, 7/6/21.

✓ R.C.L.P.

Continued on next page →

Nomada foodeniana ♀
 " *flavoguttata* ♀♀
Bombus derhamellus ♀
 " *agrorum* ♀ faded!
 " *muscorum* ♀ ✓
Psithyrus barbatus ♀
 " *campestris* ♀♀ very dark.

Silver Strand
 Co. Wicklow.
 7/6/21
 continued
 ✓ R.C.L.P.

Odynerus parietinus ♂
Vespa vulgaris ♀
 " *rylnstris* ♀
Sphex affinis ♀
Halictus albipes ♀
 " *nitidiventralis* ♀ ✓
Andrena albicans ♀
 " *fulvata* ♂

In garden & fields
 (as before) at
 Newrath Bridge
 Hotel,
 Co. Wicklow.
 A.S.S. afternoon,
 7/6/21.

Nomada marshanella ♀♀
 " *bifida* 6 ♀♀ } all at Sage and
 " *rupicornis* 3 ♂♂ } Thyme flowers in
 garden!
~~*Psithyrus barbatus*~~ ♀
Bombus distinguendus ♀

✓ R.C.L.P.

Homocidus arcuus ♂ Sp.n.
 Type! A.S.S. 1940. Taken
 somewhere near zigzag road!
Pompilus spissus ♂
Vespa vulgaris ♀ ✓

Devil's Glen (sandy spot on road
 below fall), Co. Wicklow. A.S.S.
 ✓ R.C.L.P. morning, 8/6/21.

Salix fusca ♂
Sphex affinis ♀
Halictus cyaneus ♀
 " *albipes* ♀
 " *fulviventris* ♀

Lower Glenasmole (near
 Mrs. Hely's) Co. Dubl.
 Sooty-act. 10/6/21. A.S.S.

Andrena fucata ♂ + ♀
 " *sericea* ♀
 " *subopaca* ♀♀
Nomada bifida ♀ ✓
 " *rupicornis* ♂ + ♀
 " *flavoguttata* ♀
Vespa austriaca ♀

✓ R.C.L.P.

Vespa norvegica ♀
Psithyrus campestris ♀
 " *barbatus* ♀ ✓
 " *campestris* ♀ ✓

Lower Glenasmole (as above)
 Co. Dubl.
 A.S.S. 22/6/21.
 ✓ R.C.L.P.

Halictus fulviventris ♀
Tenthredo mesomelas ♀ var. ✓ R.C.L.P.
 "formerly considered by Esaki a good
 species but now he has entirely changed
 his opinion!" R.C.L.P. on label.

Lower Glenasmole (as above)
 A.S.S. 25/6/21.
 ✓ R.C.L.P.

Halictus albipes ♂ near Templeogue, Co. Dublin, A.U.S. 30/7/21
✓ P.C.L.P.

Bombus hortorum ♂ Garden at Mayfield
" *terrestris* ♂♂ & ♀ (as before) Co. Dublin.
" *lucorum* ♂♂ A.U.S. July 1921. ✓
Pimpla maculator ♂ file A. Roman No. 66. ✓ P.C.L.P.

Bombus lucorum ♂♂ & ♀♀
" *hortorum* ♀ Fields below
Psithyrus rufestris ♂ Larch Hill, 500 ft.
" *barbutellus* ♂ ✓ Co. Dublin.
" *campestris* ♂ A.U.S. July 1921
also *Vespa* ~~no. 66~~ ♂ *Halictus pygmaeus* ♂ ✓ P.C.L.P.
" *rubicundus* ♂♂ & ♀

Salix exaltata
Mellinus arvensis ♀♀ By the river above
Vespa austriaca 2 ♂♂ Rockbrook Bridge
Caught on bramble flowers. Co. Dublin.
" *sylvestris* ♀ A.U.S. August 1921
Halictus rubicundus ♂♂ & ♀♀
" *calceatus* ♀♀ ✓
" *tumidorum* ♂ ✓ P.C.L.P.

Bombus muscorum ♀
" *agrorum* ♂ Garden at Mayfield (as before)
Psithyrus barbutellus ♂ A.U.S. Aug - Sept. 1921. ✓
✓ P.C.L.P.

Bombus terrestris ♂
" *distingueus* ♂ & ♀
" *muscorum* ♂♂.
" *derhamellus* ♀
Psithyrus campestris ♂♂
very dark form = var. E: *franciscana* K.
pale form = var. V: *rossiellus* K.
" *rufestris* ✓

Greenhills,
Co. Dublin.
A.U.S. late July 1921
? 30.7.21.
(nearly all in flower
of *Scabiosa arvensis*!)

✓ P.C.L.P.

Sphexodes affinis ♀
Halictus rubicundus ♂♂ & ♀♀
" *nitiduscalus* ♂♂
" *villorulus* ♂
" *derhamellus* ♀ English form 2 A.U.S. 1921
Bombus derhamellus ♂
Mellinus arvensis ♀ ✓

Coast between Bray Hd.
& Greystown
Co. Wicklow.
A.U.S. August & Sept.
1921.

✓ P.C.L.P.

NB. Locality lists not kept, but the following were my most interesting captures.

HYMENOPTERA ACULEATA.

- Pompilus gibbus ✓ Murrumbidgee, by the Broad Lough, Co. Wicklow. 28/5/22. ♂♂ + ♀♀ R.C.L.P. ✓
- ✓ Coast at Shankill, Co. Dublin. ♂. 29/5/22. ✓ R.C.L.P.
- Greystones, Co. Wicklow. 27/8/22. ✓ R.C.L.P.
- ✓ Portmarnock, Co. Dublin. 20/8/22. ✓ R.C.L.P.
- North Bull, " 11/9/22. "
- ✓ Glenree, Co. Wicklow. ♀ 18/9/22. "
- P. plumbeus. North Bull, Co. Dublin. ♂♂ + ♀♀ 11/9/22. "
- Salix fusca. ✓ Bohernabreena, Co. Dublin. ♂. 8/5/22. "
- ✓ Upper Glenasmole, " ♀ 20/5/22. "
- ✓ Near Pundeston Ho., Co. Wicklow. ♀ with prey. 11/6/22. " ^{K.D.}
- ✓ Coast at Shankill, Co. Dublin. ♂ + ♀ 29/5/22. " ^{spider}
- S. exaltatus. ✓ Bohernabreena, Co. Dublin. 12/8/22. "
- Greystones, Co. Wicklow. 27/8/22. "
- Bethylus fuscicornis ♀. Grand-pit, Herdstown, near Donaghadee Co. Down 6/8/22. J.H.A.W.S. + R.C.L.P.
- Ceropalus maculatus. ✓ Murrumbidgee, Co. Wicklow. 28/5/22. ✓ R.C.L.P.
- Kilcoole, " 9/9/22. "
- Tachysphex pectinipes ♀♀. ✓ Portmarnock, Co. Dublin. 20/8/22. "
- Amophila laticornis ♂ + ♀♀. Murrumbidgee, S. of New Castle, Co. Wicklow. 28/5/22. ✓ R.C.L.P.

- Pemphredon cupreus ♀ On flag pole, "Coondara", Donaghadee, Co. Down. 6/8/22. ✓ R.C.L.P.
- [Gorytes mystaceus ♀ Sent me by R.G. Phillip, from "near Maryborough, Queen's Co. ✓
- Mellinus arvensis. Bred in June 22 from cocoons dug out of sandpit ✓ N. of Ford of Fine, Co. Meath in Nov. 1921. ✓ R.C.L.P.
- ✓ Portmarnock, Co. Dublin. 20/8/22. ✓ R.C.L.P.
- ✓ Glenree, Co. Wicklow. 18/9/22. "
- Bohernabreena, Co. Dublin. Sept. 1922 and until 14th Oct. ✓
- When ♀♀ were seen busily storing prey on bank at Fort Bridge. ✓ R.C.L.P.
- Crabro dimidiatus ♂♂. Bred ^{in June 1922} from cocoons dug out of ✓ sand-pit at Ford of Fine, Co. Meath in Nov. 1921. ✓ R.C.L.P.
- C. peltarius ♀♀. ✓ Portmarnock, Co. Dublin. 20/8/22. "
- C. wesmali ♂♂ + ♀♀ ✓ " " " " " "
- C. varius ♂♂ + ♀♀ ✓ Garden at "Mayfield", " July 1922. "
- ♂ Scarab, Co. Down. 7/8/22. "
- ✓ ♂ Bohernabreena, Co. Dublin. 19/8/22. "
- Odynerus parietinus 8 ♂♂ + 1 ♀ bred in July 1922 from cluster of cells built in motor-house or under (bottom) side of tin ✓ spark-plug box in July-August 1921. Each cell was stored with about 10 small green geometer caterpillars. The ♀ was the last to hatch. ✓ R.C.L.P.
- O. parietinus ♀ "Coondara", Donaghadee, Co. Down. 6/8/22. ✓ R.C.L.P.
- O. pictus ✓ Rocky Valley, Co. Wicklow. 30/5/22. ✓ R.C.L.P.
- Above Brittas (Ballinacorney House), Co. Dublin.

Odynerus 3-fasciatus Glencree, Co. Wicklow. 22/9/22.

O. 3-marginatus ♂ Murrough (near Broad L.) Co. Wicklow. 28/5/22.

with V.R.C.L.P. ♂♂ Carnrose Pt., Co. Wexford. 25/6/22.

♂ St. Helens (N. of last loc.) " 27/6/22.

Vespa germanica. Cos. Dublin, Wicklow & Down.

" *vulgaris*. Cos. Dublin & Down.

" *rufa*. Cos. Dublin & Down.

" *ylustris*, Cos. Dublin, & Down.

" *norrvegica*, Cos. Dublin & Down.

✓ ♂♂ at Bherne Brema, Co. Dublin. 12/8/22.

Colletes montanus ♂♂ & ♀♀ Carnrose Pt., Co. Wexford. 25/6/22.

✓ V.R.C.L.P. ♂♂ on Sandhills, Rosslare, Co. Wexford. 26/6/22.

Prosopeia confusa ♀ N. shore of L. Neagh near Staffinstown

Co. Antrim. 3/8/22. ✓ V.R.C.L.P.

♀ Glencree, Co. Wicklow. 18/9/22.

Specodes divinus (= *similis*). ♀ near Punchestown Ho. Co. ^{Kildare} ~~Wicklow~~. 14/6/22. ✓ V.R.C.L.P.

" *subquadratus* ♀ Rocky Valley, Co. Wicklow. 30/5/22. ✓ V.R.C.L.P.

" *affinis* ♀ Murrough, Co. Wicklow. 28/5/22. ✓ V.R.C.L.P.

♀♀ Rocky Valley, " 30/5/22. "

✓ ♀ Glencree, Co. Dublin. 6/6/22. "

Halictus rubicundus ♀ Carnrose Pt., Co. Wexford. 25/6/22.

♂♂ & ♀♀ Kilcoole, Co. Wicklow. 9/9/22.

♂♂ & ♀♀ Powerscourt, " 20/9/22.

♂♂ & ♀♀ Glencree, " 18 & 23/9/22.

Also frequent in Co. Dublin!

H. calceatus ♀ near Punchestown Ho. Co. Kildare. 11/6/22. ✓ V.R.C.L.P.

Glencree, ^{Upper} Co. Dublin. 21/9/22. 21/9/22.

♂♂ & ♀♀ Powerscourt, Co. Wicklow. 20/9/22.

♂♂ Glencree, " 18/9/22.

H. albipes ♀ ✓ Coast at Shankill, Co. Dublin. 29/5/22.

Kilcoole, Co. Wicklow. 9/9/22.

Greystown, " 27/8/22.

Glencree, " 18 & 23/9/22.

✓ Bohernabreena, Co. Dubli. 14/9/22.

H. pygmaeus ♀ Glencree, Co. Dublin. 4/6/22.

✓ ♀ quarry above " " 23/7/22.

✓ ♀ Bohernabreena, " 8/5/22.

♂♂ " " 19/8/22, 24/8/22, 14/9/22.

♂ & ♀ Hempston Commons, Co. Kildare. 22/9/22.

♂♂ & ♀♀ Powerscourt, Co. Wicklow. 20/9/22.

H. villosulus ♀♀ Carnrose Pt., Co. Wexford. 25/6/22.

♂ Greystown, Co. Wicklow. 27/8/22.

1922 cont.

Halictus nitidusculus ♀♀ Rocky Valley, Co. Wicklow. R.C.L.P. 30/5/22.
 ♀♀ Carnroe Point, Co. Wexford. 29/6/22.
 ♀ N. shore of L. Neagh, Co. Antrim. 3/8/22.
 ♂♂ Newtownards, Co. Down. 7/8/22.
 ♀ Kilcode, Co. Wicklow. 9/9/22.

Halictus punctatissimus ♀♀ Rocky Valley, Co. Wicklow. 30/5/22.
H. tumalorum ♀♀ Upper Glensmole, Co. Dublin. 6/6/22. (with *andrena cineraria*)
 ♀♀ Near Punchestown Ho., Co. Kildare. 11/6/22.
 ✓ ♂ Bohernabreena, Co. Dublin. 12/8/22.

H. smethmannellus ♂♂ & ♀♀ Greytown, Co. Wicklow. 27/8/22. Sept. 1922. R.C.L.P.
 ♀ S. side of Bray Head.
H. leucopus ♀ Near Punchestown Ho., Co. Kildare. 11/6/22.
 ♀ Rocky Valley, Co. Wicklow. 30/5/22.
 ✓ ♀ Mayfield, Rathgar, Co. Dublin (on Thyme) 23/6/22.
 ✓ ♂ " " " 16/7/22.
 ♂ Greytown, Co. Wicklow. 27/8/22.

Andrena albicans ♂ Old Bacon, Co. Dublin. 30/4/22.
 ✓ ♂ + ♀ Bohernabreena, " also 7/5/22. 13/5/22.
 ✓ ♀ Glensmole Upper, " 24/5/22.
A. cineraria ✓ ♂♂ Glensmole Upper, Co. Dublin. 25/5/22.
 ✓ ♂♂ + ♀♀ " " 6/6/22.
 ♂♂ + ♀♀ Rocky Valley, Co. Wicklow. 30/5/22.

A. nigroaenea ✓ ♂♂ + ♀♀ Old Bacon, Co. Dublin. 7/5/22.
 ✓ ♂♂ + ♀♀ Coast at Shankill, " 29/5/22.

Andrena grayana ✓ 1st brood. ♂ Glensmole Upper, Co. Dublin. 24/5/22. R.C.L.P.
 ✓ ♀ Bohernabreena, Co. Dublin (on Violet). 8/5/22.
 ✓ ♀ Coast at Shankill, Co. Dublin. 29/5/22.
 " 2nd brood. ♂ Mayfield, Rathgar, Co. Dublin. 19/7/22.
 ♀ Scrabo, Co. Down. 7/8/22.

A. angustior 3 ♂♂ + ♀ Rocky Valley, Co. Wicklow. 30/5/22.
 an addition to the Irish List!

A. jacobii (*trimmerana*) ✓ Glensmole Upper, Co. Dublin.
 ✓ ♀ on 20/5/22. ♂ on 7/6/22. ♀ on 6/6/22.

A. jucata ✓ ♂ Coast at Shankill, Co. Dublin. 29/5/22.
 ✓ ♂ Killakee (1200 ft. alt.), " 5/6/22.
 ✓ Glensmole Upper, Co. Dublin. ♂ 6/6/22. ♀ 7/6/22.
 [near Maryborough, Queen Co. R.A.C. ♀ 17/6/22.]

A. clarkella ♀ Bohernabreena, Co. Dublin. 8/5/22.
A. denticulata ♂ Scrabo, Co. Down. 7/8/22.

A. fuscipes ♀ Glencree, Co. Wicklow (on heather). 23/9/22.
A. sericea ♀ Rocky Valley, Co. Wicklow. 30/5/22.

A. coitana 2 ♀♀ Scrabo, Co. Down. 7/8/22 (on bramble).
A. saundersella ♂ Upper Glensmole, Co. Dublin. 7/6/22.

A. subopaca 1st brood. ♂♂ near Punchestown Ho., Co. Kildare
 11/6/22. (Common flying over bed of Blue-hills).

✓ ♀ Rocky Valley, Co. Wicklow. 30/5/22.
 ✓ ♀ Glensmole, Co. Dublin. 3/6/22.
 " 2nd brood. ♀ Powerscourt, on fls. *deural*, Co. Wicklow. 20/9/22. (on Ragwort).

1922.

Andrena minutula 2= brood. ♀ Powerscourt, overflor-chedard,
Co. Wicklow. 20/9/22. (on Ragwort). R.C.L.P.

A. wilkella. ♀ Murrugh, Co. Wicklow. 28/5/22. "
✓ Coast at Shankill, Co. Dublin. 29/5/22. "
♂♂+♀♀ Rocky Valley, Co. Wicklow. 30/5/22. "
✓ Bohernabreena, Co. Dublin. 6/6/22. "

Nomada obtusifrons ♂ & ♀ Sitting on same flower of Ox-eye
 Daisy, on dull day, after sun, near quarry west side of
Glenasmole, Co. Dublin. 23/7/22. R.C.L.P.

N. rufipes ♀♀ Glenagee, Co. Wicklow. 18 & 23/9/22. "
♀ Powerscourt, Co. Wicklow. 20/9/22. "

N. marshamella 1st brood. Common in Co. Dublin and
Wicklow from 8/5/22 till 20/5/22 & probably after.
2= brood. ♀ Powerscourt, Co. Wicklow (on Ragwort) 20/9/22.
R.C.L.P.

N. tipida. ♂♂ Bohernabreena, Co. Dublin. 8/5/22. "
(cont. below) ♀♀ " " 13/5/22. "

N. fordeniana ✓ ♂♂+♀♀ Common in Glenasmole, Co. Dublin
✓ in May & June 1922.

N. hillana ✓ Glenasmole, Co. Dublin. 6/6/22. R.C.L.P.
♂♂+♀♀ " upper, " 7/6/22. "
✓ ♀ Coast at Shankill, " 29/5/22. "

N. ruficornis ♀ Rocky Valley, Co. Wicklow. 30/5/22. "
Near Punchestown House, Co. Kildare. 11/6/22. "

Nomada tipida (cont.) ✓ Glenasmole, Co. Dublin. 20/5/22. R.C.L.P.
✓ ♂♂+♀♀ Glenasmole upper, " 6/6/22. "
♀ Rocky Valley, Co. Dublin. 30/5/22. "
♀ Near Punchestown House, Co. Kildare. 11/6/22. "

N. fabriciana ✓ ♀ Glenasmole, E. side of upper reservoir
Co. Dublin. 20/5/22. "

N. flavipunctata. ♂♂+♀♀ Glenasmole upper, Co. Dublin.
20/5/22 or 7/6/22. "

Megachile willughbiella. ♂. Mayfield, Rathgar
✓ Co. Dublin. 9/7/22. ✓ also ♀ on 14/7/22. "
[" " large var. Gardiner Hill, Co. Cork. P.A.S. Aug. 22. "]

Ormia aurulenta. Murrugh, (♂♂+♀♀ abundant),
S. of Newcastle, Co. Wicklow. ²⁸ 30/5/22. "

Psithyrus distinctus ✓ ♀♀ Bohernabreena, Co. Dublin.
13/5/22. "
♂. Shore of L. Neagh at Kinnego, Co. Armagh. 1/8/22. "
♂ N. " " near Staffordstown, Co. Antrim. 3/8/22. "
♂♂ abundant in Donaghadee district, Co. Down
1st to 8th Aug. 1922. "

P. rufestris ✓ ♀ Glenasmole, Co. Dublin. 7/6/22. A.W.S.!
♀ Roslare, Co. Wexford. 26/6/22. "
♀ Kinnego, Co. Armagh. 1/8/22. "

P. quadricolor ♀♀. Kellakee, at 1250 ft. alt. Co. Dubl. 5/6/22. R.C.L.P.

P. barbatulus ♂. Linemae, Rathgar, Co. Dublin. 23/7/22. A.W.S.!
♀. Mayfield, " " 20/7/22. "

P. campestris ♀. Scrabo, Co. Down. 7/8/22. "
♂ North Bull, Co. Dublin. 11/9/22. "
♀ Slieve Donard, 1000 ft. alt. Co. Dublin.
14/10/22. "

1922.

Ans Bombus lapidarius. Cos. Dublin, Wicklow, Wexford & Down. ♂ at Malahide, Co. Dublin. 15/10/22. A.W.S.!

A. B. lucorum ♀ seen by M.D.S. in February (coll. 23/2/22) in yellow broom in garden at Mayfield, Rathgar, Co. Dublin. A ♂ with black-face taken on Murrone, Co. Wicklow on 28/5/22.

Nov ✓ Cos. Dublin, Wicklow, Wexford & Down!

B. terrestris. Cos. Dublin, Wicklow, Wexford & Down.

B. hortorum " " " "

N. B. jonellus " " & Down.

B. derhamellus. Cos. Dublin & Wicklow.

N. B. agrorum ♀ in field (on Vetch ^{James's}) below Knockranny, Rocky Valley, Co. Wicklow. 30/5/22.

B. agrorum. Cos. Dublin, Wicklow, Wexford & Down.

N. One bull ~~t~~ in rubbish heap in garden at Mayfield, Rathgar, Co. Dublin.

N. B. muscorum. Cos. Dublin, Wicklow, Wexford & Down.

N.

N.

1922.

Pimpla ^{calobata punctiventris} ~~calobata~~ ^{Thom.} ~~calobata~~ ^{Thom.} Garden at Mayfield, Harold's Cross, DU. 13.7.1922. Fide. A. Roman, No. 62.

Pimpla brevicornis, very large ♀. Bolonebrera, DU. 15.5.1922. A.W.S. Fide A. Roman, No. 64.

230

31

1923.

Bombus lucorum ♀ Reported by M.D.S. as having been seen in front garden at Mayfield, Rathgar, Co. Dub. on 10th March 1923.

Bombus lucorum ♀
B. terrestris ♀ At noon, on Willows, Bohernabreena, Co. Dublin. 24/3/23. ✓
CHIFF - CHAFF!

Bombus lucorum ♀
Andrena apicata ♂ By the Dodder above Old Barn, Co. Dublin. 25/3/23. Noon!
sitting on stone in sun!
Seen! not captured! ✓

Vespa germanica ♀ Garden at Mayfield, Rathgar gathering pulp on box in afternoon 25/3/23. ✓

Bombus lucorum ♀♀
B. jonellus ♀♀ ✓ At willows & nest-hunting, Glenasmole, Co. Dublin. A.W.S. 29/3/23. Afternoon

Andrena nigroaenea ♂♂
" *grypana* ♂ At midday, by the Dodder above Old Barn Co. Dublin (in coombe opp. Bohernabreena House & by the river!) 1/4/23. ✓
Bombus lucorum ♀♀
" *terrestris* ♀♀
" *jonellus* ♀♀
" *distinctus* ♀
" *derhamellus* ♀

SAND MARTINS!

Andrena apicata ♂♂ & ♀♀
NEW TO IRELAND.
♂♂ on palms & ♀♀ at willows!
A. nigroaenea ♂♂ (searching!)
A. grypana ♂ (on Taraxacum!)
A. praecox ♂ & ♀ very fresh
NEW TO IRELAND.
Bombus lucorum ♀♀
B. terrestris ♀♀
B. jonellus ♀♀
B. agrorum ♀

Andrena clarkella ♂ (searching!)
A. apicata ♀ on willow.
Nomada fabriciana ♂
N. leucophthalma 2 ♀♀ 1 ♂ ✓
Bombus jonellus ♀♀
" *lucorum* ♀♀ } all at willows!
" *terrestris* ♀♀ }

Andrena nigroaenea 3 ♂♂
Bombus lucorum ♀♀
" *terrestris* ♀♀
" *muscorum* ♀♀
" *agrorum* ♀
Panurginus glaucus ♂

At midday near entrance to Glenasmole, Co. Dublin. (near Mr. Healy's!)
mostly taken round willows along river!
2/4/23.
WILLOW WRENS!
BAT (small) flying in bright sun at 1.15 p.m. over river!

In afternoon along edge of moraine by the Dodder, upper Glenasmole, Co. DU. 2/4/23.
In the same place on 21/4/23 on willows I saw a number of faded *Andrena clarkella* ♀♀ & captured a ♀ & ♂ on ♂ willow blossom evidently just out of hibernation.

In afternoon, S. Clippitz Heath, Co. Dublin. 7/4/23. Sunny but strong E. winds!

Bombus lucorum ♀ on willow.
 " *jonella* ♀ on willow.
Vespa ♀ sp. ? (? *norvegica*)
Andrena clarkei ♀♀ some } on willow.
Nomada leucophtalms ♀

Along the moraine by the
 Dodder, Upper Glenasmole
 Co. Du. 21/4/23. ✓

Andrena albicans ♂♂
 " *nigroaenea* ♂♂
 All on *Taraxacum*!

Roadside, "Bodde Road"
 Kimmage, Co. Du. ✓
 22/4/23.

Halictus fuscicornis ♀ Road above
 on *Taraxacum* Mrs. Hely's.
Andrena clarkei ♀ Opp. Mrs. Hely's
 on willow
Bombus terrestris ♀♀ } all on willow
 " *lucorum* ♀♀ } opposite
 " *jonella* ♀♀ & ♂♂ } Mrs. Hely's
 = Mrs. Doyle's

Glenasmole (foot of)
 at B. Kernabreena,
 Co. Du.
 22/4/23.

Bombus lucorum ♀♀ on *Taraxacum*
 " *muscorum* ♀

Babrothery, Tallagh, Co. Du.
 22/4/23.

Andrena nigroaenea ♂ } road side
 " *albicans* ♂ } near Lusk
 " *sericea* ♂♂ on *Taraxacum*
 on S. sandhills at Rush.

Rush district
 Co. Du. 29/4/23.

Also
Bombus lapidarius ♀
B. lucorum ♀♀

Bee heard
 at 7.0 AM.
 on 28/4/23
 Swifts seen
 at 7.30 P.M.
 on 29/4/23.

Salix fusca ♂
Halictus calceatus ♀♀
 " *nitidiusculus* ♀
 " *rubicundus* ♀♀

Sandy ford
 grasses,
 S. of Dunderun,
 Co. Dublin.
 A.W.S.

Andrena albicans ♂♂ ♀♀.
 " *nigroaenea* ♂♂ ♀♀
 " *jacobi* ♂♂ ♀♀
 " *subopaca* ♂♂ ♀♀
 " *lapponica* ♂♂ abundant
 on *Taraxacum*.
 " ♀♀ "sunning" themselves.

6/5/23.

All but
Bombus
 ✓ R.C.L.P.

Nomada bifida ♂
 " *goodeniana* ♂.
 " *marshiana* ♂. ✓

Bombus hortorum
 " *lucorum*
 " *lapidarius*
 " *terrestris*
 " *agrorum*
 " *muscorum*

[*Lasius flavus*, Jids H.R. taken at Berrintraun
 on 6/5/23]

Halictus albipes ♀♀? Enniskerry, Co. WI.
Nomada marshamella ♀♀ on *Bellis!* A.W.S. 13/5/23.

Halictus albipes 3 ♀♀ Just below The Scalp,
Andrena jacoti ♂ Co. WI.
" *lapponica* ♀ A.W.S. 13/5/23.
all on *Bellis*.

Andrena nigroaenea ♂ Disused railway
" *jacoti*, v. *scotica* ♀ S. of Bray Head,
Nomada poddeniana 2 ♂♂ & ♀♀ Co. WI. A.W.S.
all on *Taraxacum* 13/5/23.

Halictus albipes ♀ Roadside at Castle Baggot
Vespa germanica ♀ Co. Dublin 20/5/23.

Andrena albicans ♂ & ♀ Escarpment north of
A. cineraria ♀ or "shot" R. Liffey at Knockharoon
cottage in plot by the river. & roadside,
A. jacoti ♀♀ Co. Dublin. 20/5/23.
A. wilkella 2 ♀♀ steep-sided
Nomada poddeniana ♂ & ♀
" *marshamella* ♀
" *tijida* ♂♂ & ♀♀

Halictus rubicundus ♀♀
" *calceatus* ♀♀ Kees Park, Powerscourt,
" *freygessneri* ♀♀ (3) along "our flow channel"
one on *Rosa*, *Colandina*, leading to Ventry plateau.
one on Daisy (*Bellis*) and Co. Wicklow. 21/5/23.
one on *Taraxacum*
" *leucopus* ♀♀ ✓
Andrena lapponica 1 ♀ one, one think of me:
also "Holly Blue" butterfly. afternoon!
Limon flavus at Galary *maritima* ✓ all v R.C.L.P.

Halictus lateralis 3 ♀♀
" *freygessneri* ♀
" *calceatus* ♀
Andrena subopaca ♀♀
" *wilkella* ♂♂ & ♀♀ The Dingle (mostly along
" *jacoti* ♂♂. Southern end of
" *albicans* ♂♂ & ♀♀ the channel & in
" *fulvata* ♂♂ & ♀ field between that
" *nigroaenea* ♀. ✓ & farm), Co. Dublin
Nomada ruficornis ♂♂. 28/5/23.
" *flavoguttata* ♂ All v R.C.L.P.

Nomada ruficornis ♂♂. Morning, sunny but
" *flavoguttata* ♂ strong wind!
Sawfly *Tenthredella temula* Scop. ♀
on flower of *Crataegus*.
" *Holly Blue* butterfly, (2)

Halictus rubicundus ♀♀

" *freycasseri* ♀

" *tumulozum* ♀♀ (abundant)

Andrena jacoti ^{one pair} ♂
as large as normal ♀

" *wilkella* ♂ & ♀

Nomada maculicollis ♂
with spots on 1st segment. ✓

Andrena lapponica ♂ & ♀

" *fulvata* ♂ & ♀ ✓

" *nigroaenea* ♂ (faded).

Roadside between

Cast & Keltorman,

C. Dublin

28/5/23.

Hot sun: aft.

Sandyford quarries,

C. Dublin 28/5/23

Late aft: sun & windy.

B. Stayed at Rush for month of June.

Compilus fessus ♂

Tachytes pectinipes ♀

Chrysis nigrita

Halictus rubicundus ♀♀

" *calceatus* ♀

" *nitidiusculus* ♀♀

apine compact colony
at N. end of strand
where cliffs & sand
adjoin!

Andrena albicans ♂ & ♀♀

" *jacoti* ♀♀

" *nigroaenea* ♂♂ & ♀♀. ✓

" *fulvata* ♂♂ & ♀♀.

" *sericea* ♂♂ & ♀♀.

" *saunderella* ♂ & 2 ♀♀

one pair on Daisy: other ♀ on *Calceolaria*.

Bombus agrorum ♀♀

" *muscorum* ♀♀

" *lucorum* ♀♀ & ♂♂

" *terrestris* ♀♀

" *hortorum* ♀♀ on *Anthyllus*

" *lapidarius* ♀♀.

Psithyrus rufus ♀

On sand dunes,
sandy cliffs,
N. of harbour,
and on cliffs
& in lanes at
N. end of dunes;
at Rush,
C. Dublin.

2/6/23.

Morning!
A most perfect
bee day!
But owing to
previous frod
& cold weather
insects were
taken unaware
& hardly
any were
about.

Pompilus fittus ♀ (2)
Sphex affinis 2♀♀ (1) South cliffs and dunes,
Halictus rubicundus ♀♀ (1) along South Strand, (2)
 " *calceatus* ♀ (1) Rush, Co. Dublin.
 " *nitidiusculus* ♀♀ (1) ✓ 2/6/23.
Andrena sericea ♂♂+♀♀ (2) Afternoon: sunny
Pithecus rufestris ♀ (2) & warm, becoming dull.

Chrysis ignita ♂♂?
Odynerus pictus ♂♂+♀.
Sphex affinis ♀.
Halictus rubicundus ♀♀
 " *nitidiusculus* ♀♀
 " *calceatus* ♀♀
Andrena albicans ♀♀
 " *jacobi* ♀♀
 " *jacata* ♀♀ on cliff ♂♂
 " *nigrocana* ♂♂+♀♀
 " *sericea* ♂♂+♀♀ on
 dunes only!
Pithecus distinctus ♀.
Bombus (as before).
Allantus arcuatus
Schneumon 3♀
Bombus caesarius.

Cliff & dunes at
 N. end of N. Strand,
 Rush, Co. Dublin.
 3/6/23.
 Morning:
 Dull, warm in
 shelter but windy.
 Very little sun.

Pompilus fittus ♂♂+♀♀ Sandhills at S. Strand
 numerous on bare exposed, Rush, Co. Dublin. 4/6/23.
 S. facing banks: nothing
 else seen but *Bombus* Aff., some sunny patches but
lapidarius, *lucorum*, ✓ cold winds.
aporum & *muscorum*. [Morning dull & cold
 & nothing seen!]

5/6/23. In Dublin all day: nothing seen
 6/6/23. Morning. N. Strand, Rush. Nothing seen; some
Cynipidae, *Schneumonidae* on *Brassica*
 flowers at tennis ground &:
 Afternoon. Rogerstown and dunes at
 W. end of S. Strand, Rush. Cold & windy and
 no sun. Plenty of *Bombus* on *Lotus* in
 dunes. 3 *Saxifraga* on vent along outer
 edge of dune.

Pompilus fittus ♂+♀
Sphex affinis ♀ caught coming
 out of burrow of *Halicta nitidiusculus*.
Odynerus pictus ♀ & old nest on
 stone bank in dunes.
Halicta albipes ♀ in 2nd bay, N.
H. nitidiusculus ♀♀ & *H. rubicundus* ♀♀
Andrena nigrocana & *agryraea* ♀
 on *Brassica*.
 on Tennis ground.
Pithecus distinctus ♀.
Schneumon ♂ 1 each.

N. Strand, Rush.
 Co. Dublin. 7/6/23.
 Morning: windy;
 fair sun!

Pompilus gilvus 4 ♀♀
- rasy field at foot
of lane to S. Strand.

Halicton rubicundus ♀♀ c.
" *nitidiusculus* ♀♀ c.
" *tumulorum* ♀ worn.

Andrena nigroaenea ♀
" *saundersella* ♂

Nomada flavopunctata ♀ in
same place as last!

Ichneumonidae 2 ♀♀ on *Alexanders*
1 ♂ (large) on leaves
of *Papa. umbellifer*!

Brachid on rocks at high tide

Wingless chalcid on stone over
ants nest.

One ant seen *Myrmica caenodis*
" *M. scabrinodis*

8/6/23 nil

Andrena saundersella ♀
" *nigroaenea* ♀♀
" *wilkeella* ♀

Sphex affinis ♀ ✓
many *Ichneumonidae* ♂ c.
on *Alexanders* ♂ c. near
S north of Harbour.

Including
Andrena affinis (A.W.S. 9/12/34!) 9.6.23
Examined ♂♂ & ♀♀ (A.W.S.)
Determined sp. = *balleata* miki A.W.S. Oct 1960, when
Nixon was unable to say into what group it should
be placed! A.W.S.

South end of
East-Cliffs,
between point &
S. Strand. Rush,
Co. Dublin.

Sept. 7/6/23.
Fair sun!

Halicton calceatum ♀
Andrena albicans ♀
A. fucata 3 ♂♂ & ♀
A. jacobii ♀♀ (v. *sectica*).
A. saundersella 2 ♂♂ ✓
A. subopaca ♀.
Nomada marshamella ♂♂ & ♀♀.
N. ruficornis 2 ♂♂.

Lane parallel to railway
S.W. of Skerries station
Co. Dublin.

Sept. 9/6/23.
Hot, some sun, lane
sheltered from high
wind! Likely spot!

Halicton rubicundus ♀♀.
" *nitidiusculus* ♀
" *tumulorum* ♀♀.
Andrena fucata ♂♂ & ♀♀.
A. saundersella ♀
A. wilkeella ♂ ✓
Nomada hillana ♀.

Bank, west side of Rush
Station, Co. Dublin.

Morning 10/6/23.
v. hot sun, windy.

Halicton & Andrena on *Papa*
Pompilus gilvus ♂
Thyreoxenus pictus ♂♂.
Small black sp.
Chrysis ignita.
Sphex affinis ♀ ✓

Cliffs N. end of N. Strand,
Rush, Co. Dublin.

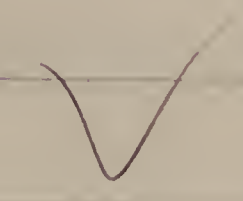
Trilla & aff., 10/6/23.
Sunny intervals, v. windy.

Odynerus pictus ♂♂ & ♀
Sphex monilicornis ♀
Halictus tumulorum ♀♀ v.c.
 " *rubicundus* ♀♀ v.c.
Andrena imbecilla ♂♂ v.c.
 " " ♂♂ one ♀ seen ✓
 " *fulvata* ♂ only
Nomada podexiana ♂♂ & ♀♀
N. hillana ♂♂ & ♀♀ common
Schneumonidae 4 black + red sp.

Sheltered roadside
 ditch 1 mile N.W. of
 Lusk (1 1/2 mile N. of
 Ballough) Co. Dull.
 Morning 11/6/23.
 Very hot sun, strong
 wind!

Chrysis ignita
Sphex divinus ♀
 " *monilicornis* ♀
Halictus rubicundus ♀♀ v.c.
 " *tumulorum* ♀♀
 " *peyerimieri* ♀
 " *calceatus* ♀♀ c.
Andrena sericea ♂♂ & ♀♀
 " *fulvata* ♀ on roadside
 " *saundersella* ♂
Nomada flavipattata

Sand pit at N.
 side of river,
 Ford of Pine,
 (West of haul)
 Co. Meath.
 Midday 11/6/23.
 Hot sun.



Pompilus pictus ♀
Crabro palipes 2 ♂♂
Osmia aurulenta ♀
Bombus derhamellus ♀
 on *Anthyllus*!

Sandhills, S. Strand
 Rush, Co. Dull.
 Aft. 11/6/23.
 V. windy with sunny intervals.

12/6/23. Wet, windy & sunless all day!
 One *Nomada marshamella* seen hanging by
 its mandibles to the petal of *Carl. Parnip.*
 flower at 4.30 p.m. (along Skerries Rd., Rush).

Odynerus pictus ♂
Halictus rubicundus ♀♀
 " *nitidiusculus* ♀♀
 " *villosum* ♀♀
Andrena nigroaenea ♂♂ & ♀♀
 " *jacobi* ♀♀ ✓
Nomada ruficornis ♂
 " *marshamella* ♀♀

N. Shore of
 Rogerstown Creek,
 W. of Rush, Co. Dull.
 Morning 13/6/23.
 Very stormy & only
 brief sun at intervals.

Pompilus rufipes ♂♂ at 3
 " *gibbus* ♂♂ & ♀♀ at 1, 2 & 3.
Ceropales maculatus ♂♂ at 2 & 3.
Tachytes pectinipes ♂♂ & ♀♀ at 3.
Odynerus pictus ♂♂ (? ♀ seen) at 1.
Halictus ruficaudus ♀♀ at 1 & 3.
 " *tumulosus* ♀♀ at 1.
 " *nitidiusculus* ♀♀ at 1 & 3.
Andrena nigroaenea ♀♀ at 1.
 " *sericea* ♀♀ at 2 & 3. ✓
Bombus derhamellus ♀ at 2.
 NB. Only workers of *B. lucorum* out
 on this date: i.e. none of other species.
 Ichneumonidae
Tropus sp. ♂ on bent near sea at 3.
 Tenthredinidae
Emphytus cinctus at 3 fide R.C.L.P.
 Also
 ♀♀ of an ant. that may have been
Lasius mixtus or *umbratus* in R.C.L.P.
 sandhills. all R.C.L.P.

15/6/23. Spent in Dublin: nil.

Sandhills^{S.} at head
 of the Island &
 S. of Portrane
 Asylum (all
 labelled "Portrane")
 No. 1. Boulder clay scarp
 along N. of estuary
 at Corballis House.
 No. 2. Sandhills near
 same (not along
 coast).
 No. 3. Sandhills &
 bluff facing sea
 S. of Matello Tower.
 All Co. Dublin.
 Morning sunless:
 aft. with occasional
 sun: cold wind.
 14th June 1923.

Pompilus gibbus ♀
Salix fusca ♀
Odynerus pictus ♀
Sphecodes affinis 2 ♀♀
 one larger than other.
Halictus ruficaudus ♀♀.
 " *nitidiusculus* ♀♀.
 " *villosalis* ♀♀
 " *calceatus* ♀♀. ✓
Andrena albicans ♀♀
 " *nigroaenea* ♂♂ & ♀♀
 " *fulvata* ♂
 " *wilkella* ♂♂ & ♀♀.
Nomada (*trijida*? ♀ seen.)
 " *marshamella* ♀♀
 " *hillana* ♀
 Tenthredinidae
Athalia lineolata f. R.C.L.P.
Tenth. *inquinata*?

Andrena albicans 2 ♀♀ seen
 on cow barnsip.
 " *wilkella* ♂♂ on sandy
 bank: hovering over pond. ✓
Nomada hillana 2 ♀♀ seen
 hovering over same pond as
 the ♂♂ *wilkella*: ♀ *wilkella*
 seen here on previous date.

North shore of Rogerstown
 Creek, east of railway
 Co. Dublin.
 16/6/23.
 Very windy but
 considerable
 sun bursts in
 morning.

all R.C.L.P.

Sandhills at N. Strand,
 Rush, Co. Dublin. 17/6/23
 morning: considerable sun:
 cold N.E. wind!

(17/6/23 cont.)

Odynerus pictus ♀♀

" *trimarginatus* ♂♂ + ♀♀

Andrena nigroaenea ♂♂ + ♀♀

Halictus smeatmanellus 2 ♀♀ seen
one captured, on rock at base of cliff.

" *tumulosum* ♀ (strongly banded).

Ichneumonidae

Baucheus ^{*volatatorius* ♂} *pectus* 2 on leaves
of *Beta maritima*.

Workers of *Bombus lapidarius*
and *B. agrorum* seen.

Crabro palmipes ♂♂ + ♀♀

latter burrowing in sandy bank
of cart track through dunes
near destroyed C.F. Station.

Same spot as before (p.)

Tachytes pectinipes ♀ (burrowing)

Pompilus gibbus ♀

Cliff south of Martello
Tower, 1 mile S. of
Longshinning,
C. Dublin.

Morning: 17/6/23.

some sun,
cold east winds.

Sandhills near old
Coast Guard Station,
S. of Rush (near Rogers-
town quay). C. Dublin.

Left. 17/6/23.

A little sun,
westerly winds

Pompilus ("gibbus") ♀ seen between ① + ②.

Tachytes pectinipes ♂♂ + ♀♀ at ①.

Pemphredon lethifer ♂ fields, above
Ment Head.

Odynerus pictus ♂ above Ben Hd.

Sphex monilicornis ♀ at
burrows of *Halictus rubicundus*. } between
① + ②.

Sph. (*affinis*) ♀ [missing] at burrows
of *Halictus nitidiusculus*, at ①.

Halictus rubicundus ♀♀ abundant at ①.

" *nitidiusculus* ♀♀ everywhere.

" *freysenmeri* ♀ in lane between ① + ②.

" *cylindricus* ♀♀ seen with last.

Andrena albicans ♀ seen at ②.

" *nigroaenea* ♂♂ + ♀♀ seen at ①. ✓

" *jacoti* ♀ at ②.

" *sericea* ♂♂ + ♀♀ on sandy cliff at ①.

" *jacata* ♂ at ②.

" *saundersella* 2 ♀♀ in lane at station ①.

Nomada marshamella ♀♀ seen.

" *goodeniana* ♀♀ seen.

Bombus terrestris ♀♀ seen.

Chrysis ignita

Tenthredinidae

Ichneumonidae.

Coast at ^① Pormanston
and on to ^② Ben Hd.
Co. Meath.

18/6/23.

Extremely hot +
humid after
night's rain
but poor sport-
taken all round.
Sun soon leaves
this part of the
coast - which
faces north of
East, a little.
Night - fog better
in July or
a hot day in
early morning!

Pompilus gibbus ♂ & ♀
Odynerus trimarginatus ♂
Sphex affinis ♀♀ at burrows
 of *H. nitidiusculus*.
 " sp. ? (as large as *S. monilicornis*).
Halictus rubicundus ♀♀.
 " *nitidiusculus* ♀♀.
 " *villosulus* ♀ ✓
Andrena nigroaenea ♀♀ seen.
 " *grymanea* ♀
 Saw fly: Brown one on Hill?

East Cliff, Rush.
 Co. Dublin.
 19/6/23. morning.
 Windy, hot with
 considerable sun.

Tachytes pectinipes ♂♂ & ♀♀.
Odynerus pictus ♂♂ & ♀♀
Halictus spp. as before
Andrena albicans on both
Rosca lutea & *lutescens*.
Ichneumonidae ✓
Pezomachus ♀

Cliff north of N. Strand,
 Rush, Co. Dublin.
 19/6/23. aft.
 Hot sun!

Lasius niger ♀♀ in great abundance at 1 & 2.
Pompilus gibbus ♂♂ & ♀♀ at 1 & 2 abundant.
 " *plumbeus* ♂♂ & ♀♀ at one spot at 1.
 " *rufipes* ♀: a fine specimen at 2.
Ceropalus maculatus ♂♂ & ♀♀ at 1 & 2.
Tachyphex pectinipes ♂♂ & ♀♀ at 1 & 2.
Pemphredon lethipes ♂ at 2.
Crabro wernaei ♂ at 1, ♀ at 2.
Odynerus pictus ♂♂ & ♀♀ at 2. ✓
Sphex affinis ♀♀ at 2.
 " sp. ? (large female seen near burrows
 of *Andrena sericea*) N. of Martello Tower
 or *H. rubicundus*.
Colletes picistigma 2 ♂♂ on *Leontodon* h.

Portrane:
 (1) Sandhills at
 N. end of the
 Island; and
 (2) cliff to the N.
 & south of the
 Martello tower
 S. of Portrane
 Asylum.

Halictus rubicundus ♀♀ at 2.
 " *nitidiusculus* ♀♀ at 2.
 " *villosulus* ♀ at 2.
Andrena sericea ♂♂ & ♀♀ at 2, ♀♀ at 1.
Ichneumonidae.
Ichneumon ♂ at 1.
 " *Hackeri* ♂ at 1.
Pimpla ♀ at (2)

Co. Dublin.
 20/6/23: all day.
 Hot fairly
 sunny, cold
 wind in
 morning!

Pompilus gibbus ♀.
Halictus villosulus ♀♀.
 Nothing else seen but
 2 ♀♀ *Verpa germanica* ✓
 N. Shore of Rogerstown Creek,
 Rush, Co. Dublin.
 Aft. 21/6/23. Very windy
 but hot sun.
 [morning: sunless: nil.]

Sphexodes divinus one very
 large ♀ on burrows of
Halictus calceatus, *rubicundus*
 & *Andrena sericea*
Halictus rubicundus ♀♀.
 " *calceatus* ♀.
 " *albipes* ♀.
 " *nitidiusculus* ♀.
 " *leucopus* ♀
Andrena sericea ♂♂ & ♀♀.
 " *albicans* ♀.
 Sand pit (as before) at
 N. end of bridge at
 Ford of Fine, Co. Meath.
 22/6/23. Midday.
 Hot but no sun &
 only a few bees out.

Halictus leucopus ♀
Andrena fucata ♂ on Cow Parsnip.
 " " ♀ on Sandalwood.
Tenthredinidae ✓
Trichosona betuleti ♀, on flower
 of *Ranunculus bulbosus*, asleep.
 Near Cocks Bridge,
 E. of Farnstown,
 Co. Dublin.
 22/6/23. Early aft.
 no sun.

Salix fusca 1 large ♀
Halictus rubicundus ♀♀.
 " *freycasseri* ♀ worn
 smooth, simulating *fabricovis*!
 " *tumaloni* ♀
 " *nitidiusculus* ♀♀. ✓
Andrena albicans ♀
 Banks N. of railway
 and, N. shore of Rogers-
 town Creek, W. of Rush,
 Co. Dublin.
 22/6/23. Late aft.
 Sunny but too late
 = day.

Pompilus gibbus ♀
Odynerus pictus seen.
 " *trimarginatus* ♂♂ & ♀♀
Sphexodes affinis ♀♀ Some at
 place where *H. smethmannellus* was
 taken, but *H. nitidiusculus* there too!
Halictus rubicundus ♀♀.
 " *nitidiusculus* ♀♀ ✓
 " *smethmannellus* ♀♀
Andrena albicans ♀♀ seen.
 " *nigroscenea* ♀♀ seen.

Nomada marshamella ♀♀
 " *foodeniana*
 " *ruficornis*
 my large ♀ coloured like
N. bipida. ✓
 Nothing else seen not already
 logged.
 From Rush north to 1 mile
 beyond Louisa, Co. Dublin.
 Aft. very hot, considerable sun,
 windy. 23/6/23.

Compilus rufipes ♂
 " *gibbus* ♀ seen.
Tachytes pectinipes ♂♂ + ♀♀
Colletes picistigma 3 ♂♂
Andrena sericea ♀♀
 Portrane (near S. Martello Tower)
 Co. Dublin (with Gorman).
 morning: hot, windy,
 v. little sun.
 24/6/23.

24/6/23. Nothing was seen at N. Cliffs, Rush.

25/6/23. Dull, cold & raining in morning.

25/6/23. Kenure Park (in aft)

Nomada rufida ♀ on *Umbelifer*
Ichneumon
Alomya detellator Several ♂♂ on *Umbelifer*

Pemphredon lugubris ♂♂ on oak and laurel s:
 " *shuckardi* ♂♂ on laurel s:
Crabro dimidiatus ♂♂ on oak s:
 " *chrysotomus* ♂ "coursing" along
 the herbaceous border.
Odynerus pictus ♂ + ♀
 " *sinuatus* 2 ♂♂ + 2 ♀♀ on leaves
 of various plants (strawberries) & shrubs.
Vespa vulgaris ♀
Halictus calceatus ♀♀
 " *smeathmanellus* ♀ burrowing in rock garden.

Cont. ↑

Andrena albicans ♀♀ on *Spiraea*,
Rosae & *Portugal Laurel* s's.
 " *jacata* ♂♂ + ♀♀ on *Portugal Laurel*.
 " *jacobi* ♀♀ v. com. on *Portugal Laurel*.
Psithyrus barbutellus ♀
Bombus hortorum ♀♀ very common
 on *Delphinium* s.
 " *lucorum* ♀♀ + ♀♀.
 " *agrorum* ♀♀ + ♀♀

Kenure Park,
 aft. 26/6/23
 cont.

Odynerus pictus ♀ on Castle wall.
 " *trimarginalis* ♂ (♀ seen) at 2.
Halictus rubicundus ♀♀ at 1 + 2.
 " *calceatus* ♀♀ at 1.
 " *nitidiusculus* ♀♀ at 1
 (Cane above Harbour)
Andrena sericea ♀♀ at 1 on sandy patch.
Tenthredinidae
Callantus arcuatus ♂♂ + ♀♀ abundant at 2.
Ichneumonidae
Ichneumon *pusillus* 3 ♀♀ on *Umbelifer*,
 seen at 2.
Pimpla instigator ♀ at 2.
 " *?* ♀♀ at 2.
Cynipidae
 on *Brassica* at 1.

Harbour and
 S.W. cliffs,
 Lambay,
 Co. Dublin.
 morning (10 till 1/30)
 (summer time).
 27/6/23.

Hot, but very
 little sun!
 (1) Harbour
 (2) Carnoon Bay
 & vicinity.

Also *Psithyrus rufestris* ♀♀ at 2. *Bombus lucorum* ♀♀ + ♀♀,
B. hortorum ♀♀, *B. jonellus*, 1 ♀, *B. agrorum* ♀♀ + ♀♀
 and *B. muscorum* ♀♀. all at 2.
 Also *Myrmica scabrinodis* ♀ + ♀♀ and *Lasius flavus* ♀♀ (nests).

Odynerus pictus ♂

" *sinuatus* ♂

Crabro leucostoma 3♀♀ on oak.

" *dimidiatus* ♂♂ + ♀♀ one

♀ burrowing in rotten wood of small greenhouse.

Verpa rufo. 1♀ on "Snowberry"

Megachile versicolor ♂♂ + ♀

(burrows in photos ~~found~~ limstone in "rockery")

Crabro dimidiatus ♂♂ + ♀♀ on oak

" *leucostoma* 1♀ on oak.

Pemphredon shuckardi ♂♂ common, 1♀

Odynerus sinuatus ♂

" *parietum* 1♀

Halictus calceatus ♀♀

" *albipes* 1♀

" *smithianellus* 1♀ in rockery

" *nitidiusculus* ? 1♀ seen at moat

in field in front of house.

Andrena albicans ♀♀ v. common.

" *fucata* ♂♂ + ♀♀.

" *jacobi* ♀♀ seen in *Spiraea* etc.

Psittacus rufestris 2♀♀ seen

Garden at

Kenure Park

Rush.

Co. Dublin.

Aft. 27/6/23

H/T but no sun

till aft. 5 o'clock.

Garden etc at

Kenure Park,

Rush,

Co. Dublin

morning + aft.

28/6/23

Sull, hot,

but - no sun

till 6-30 p.m.

Chytis
maculata ♂

Cont.

Megachile versicolor ♂ at stump

near rockery.

Bombus agrorum ♀♀ + ♀♂.

" *hortorum* " " ✓

" *lucorum* " " ✓

" *terrestris* one dead ♀

on Avenue.

Kenure Park,

28/6/23.

Continued.

Odynerus pictus ♂ v. small.

Halictus pygmaeus 1♀

Andrena subopaca 2♀♀

Pemphredon shuckardi ✓

Garden at Kenure Park

Rush. Co. Dublin

Morning: 29/6/23.

Sull.

END OF MONTH AT RUSH.

Pompilus niger ♂
 " *gibbus* ♂ & ♀
Crabro atratus ♀
Pemphredon ~~sharpeana?~~ ^{undulata}
Odynerus sp. seen
Vespa ruficornis ♀ at Knockree.
 " *rufa* several ♀♀ in Glencree.
Prospis confusa ♂ on Juniper.
Halictus rubicundus ♀♀
 " *albipes* 1 ♀
 " *pygmaeus* 1 ♀ ✓
 " *leucopus* 2 ♀♀
Andrena jacobae 1 very worn ♀ on
 Bramble at Knockree.
 " *lapponea* 1 ♀ on south road
 at Ballyerag with the
 pollinia of an Orchid ad-
 hering to its clypeus!
Nomada flavoputilla.
Bombus jonellus ♂♂ & ♀♀ common.
 " *lucorum* ♀♀
 " *agrorum* ♀♀ & ♀♀.
Psithyrus quadricolor 1 ♂
 flying over heather in old
 south road below L. Bray.

Glencree,
 Co. Wicklow.
 1st July 1923.
 HT but only one
 burst of sun all
 day: mostly
 collected along
 old river terrace
 in Copse Wood.
 below & opposite
 Ballyerag at
 from 1.0 to 3.0 p.m.

Halictus rubicundus ♀♀
 " *pygmaeus* ♀
 " *leucopus* ♀.
Andrena albicans ♀♀ seen
 on *Rosa canina* ♂.
 NB. None of these were captured
 which I regret as they might
 possibly have been new
 this species but *A. haemilis*.
A. jacata ♀
Nomada marshamella ♀

Pompilus gibbus ♂ & ♀♀ seen.
Ceropales maculatus ♂ seen.
Tachytes pectinipes ♂♂ & ♀♀ seen.
Crabro wasmaeli
Colletes picistigma ♂♂ & ♀♀
 abundant on sandy ground
 close to Southern Harlestown tower.
Halictus villorum ♀ along cliffs
 at Asylum.
Andrena sericea ♀♀

Psithyrus *Co. Dublin*
 i.e. foot of Glenasmole.
 near Mr. Kelly's
 i.e. road 1/11th Doyle's.
 7/7/23.

Portrane, coast
 east & south of
 the Asylum,
 Co. Dublin
 8/7/23.

Halictus leucopus ♀ Bohernabreen (as before)
 Andrena subopaca ♀ Co. Dublin.
 Nomada flavopectata ♀ 11/7/23. ✓

Agonia variegata ♀ on stone heap
 in grass-pit nest in above
 Mr. Kelly's Bohernabreena (near
 Mr. Kelly's (as before)
 & Gleasmore (below
 upper dam) ✓
 Passaloecus monilicornis
 2♂♂ & 2♀♀ on leaves of primrose
 by foot bridge between the
 reservoir at 5.30 p.m. Co. Dublin,
 (with R.A.P.)
 21/7/23
 Odynerus sinuatus 3♂♂ on
 laurel & primrose leaves
 with last. late in aft.
 hot, with
 sun bursts.

Pompilus fittus ♀♀ & ♂♂
 " plumbeus ♀♀ Portrane, dune,
 & coast, south
 of Arslun. ✓
 Ceropales maculatus ♂♂ & ♀♀ Co. Dublin.
 Tachytes pectinipes ♂♂ & ♀♀ 22/7/23.
 Crabro wesmali ♂
 Odynerus pictus ♀
 Colletes picistigma ♂♂ & ♀♀
 Ichneumonidae
 Braconidae.

Pemphredon cethifer ♂
 Colletes picistigma South cliffs of
 3♂♂ on Matricaria inodora
 on top of cliffs. Howth, Co. Dublin.
 1♀ seen on Bryony at foot. Bombus mostly on
 Sphecodes affinis 1♂ Cranth blossom,
 Halictus rubicundus near Bellingham's
 5♂♂ numerous, fresh. Harbour: nest-
 1♀ seen very worn. at home or at foot
 " tumulorum 2♂♂ fresh. of cliffs near
 " leucopus ♂ 1♀ worn. Earlscliff.
 " punctatirimus 3♂♂ 28/7/23. ✓
 on Samolus valerandi. Windy but hot
 " villosulus 1♀ worn. & sunny.
 Andrena guyanana 2 = brood.
 3♂♂ 1♀.
 Bombus lapidarius ♂♂
 " lucorum ♂♂
 " terrestris ♂♂
 " agrorum ♂♂
 " muscorum ♂♂
 " hortorum ♂♂
 Psithyrus distinctus ♀
 fresh.

Crabro varius 1 ♀ at 2.
Mellinus arvensis ♂ at 2.
Pompilus gibbus ♀ at 2.
Prospis ? seen at 2
 on flower of *Centauria nigra*.
Andrena coitana ♂ at 1
 on flower of *panice montana*.
A. denticulata ♂ at 2. ✓
A. saundersella 2 ♀♀ at 2
 on Cow Parsnip.
A. cineraria ♀ at 2
 very late for this species.
Bombus claustrator ♂ at 2.

Glencree, Co. Wicklow

29/7/23.

- ①. Copse Wood in middle of Glencree.
- ②. Kilmalin (roadside) above Ennisberry on road to Glencree.

Very little sun except at Kilmalin in morning!

Ceropalus maculatus ♂ + ♀
Andrena coitana ♀
 on Bramble flowers.
 Schreanon.
Glypta ♂ ♀

In quarry at 900 ft. west side of Glencasmole Co. Dublin.

4/8/23.

Aft. windy: little sun.

Passaloecus manicornis 2 ♀♀

on Laurel bushes near bridge

Mellinus arvensis ♂♂ + ♀♀

on poplar leaves.

Crabro dimidiatus ♂♂

on poplar leaves.

C. varius ♂♂ + ♀♀ on

poplar leaves + entering burrows in earthen path up bank.

C. claripes ♂♂ on poplar leaves + on Cow Parsnip.

Odynerus simulans ♀

on Laurel.

Salix exaltata ♂

Pemphredon lyeubrii ♀

Mellinus arvensis ♂ ✓

on holly-tree leaves.

Crabro leucostomus 2 ♀♀.

Lissonota buccator 2 ♀♀. Roman Nos. 103 & 104. No. 13 smashed on return journey!

No. at this stump on July

1923. E. O'Mahony got

4 ♂♂ *Crabro* *l. maculatus* +

1 *Andrena subopaca*.

On poplar, Laurel +

below upper dam

(near Brady's)

Glencasmole,

Co. Dublin.

4/8/23.

Late aft. very windy

the good blinks

of sun

On old stump of fallen

tree (on river terrace)

in Lucan demesne

1/2 way between entrance

+ bend in river going

towards Leinlip.

Co. Dublin. 5/8/23

morning: very hot

some sun.

a black fossor like a Roadside close to railway
Passalocera seen on bridge, W. of Puffinland,
just hedge. 4 miles S. of Celbridge.

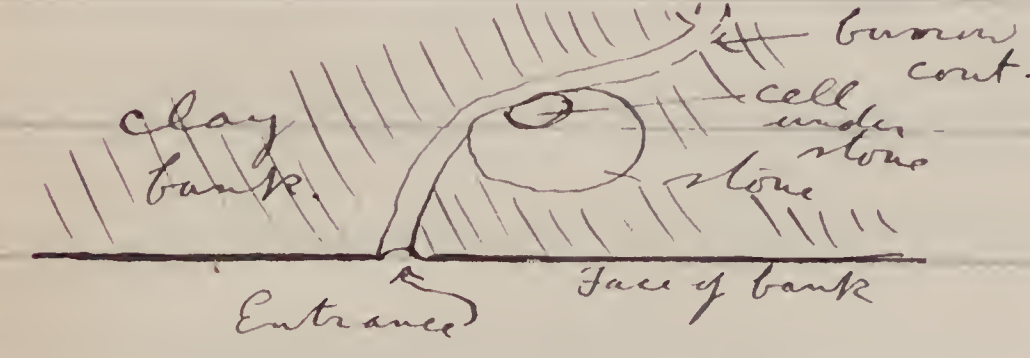
Ichneumonidae C. Kildare. 5/8/23.
Midday: hot; ^{practically} no sun.
All Ichneumonidae labelled "Rathmore"
see next below.

Salix exaltata 2 ♂♂ On slopes of peat north
Mellinus arvensis ♂ & ♀ in surrounding gravel pit
Halictus rubicundus ♀♀ Rathmore, (3 miles N.W. of
" *tumulosus* ♀ ✓ Blessington) Co. Kildare.
early aft. still windy 5/8/23.
but a little sun.

Mellinus arvensis ♂ on hedge.
Andrena coitana 2 ♀♀ Road side at Kilmalin,
" *saundersella* ♀♀ above Eniskerry on
" *subopaca* ♀♀ all three way to Glenree,
Andrena on Cow Parsnip. Co. Wicklow.
Ichneumonidae ✓ 6/8/23.

2 red. Cryptids.
1 yellow. 1 black.
2 small. 1 small.
Morning: dull: windy.

Salix exaltata, ♀ dug out of burrow
with cocoon



Mellinus arvensis ♂ ✓ with greenish white
markings!
Crabro varius ♀
Andrena tarsata 3 ♀♀ dug out of fresh,
excavated burrows.

Crabro IV. *maculata*, 2 ♂♂ (♀ seen) on lawn of Burdock by stream near Mr. Healy's.
Sphex *hyalinatus* ♀ on steep bank to rim in front of Mr. Healy's.
Halictus rubicundus ♀♀ (old brood?) ♂♂ very fresh.
H. peyerimani ♂♂ & ♀♀.
H. albipes ♂♂ & ♀.
H. tumulosus ♀ ✓
H. leucopus ♂
Andrena *grogana* + *bicolor* ♀
A. sp. ♂ seen on Bramble like *A. denticulata*!

River terrace (opposite ~~at~~ & above Ballycoyle)
below Copse wood,
Glenree,
Co. Wicklow.
6/8/23.

Dull, warm, & commencing
to rain.
[Took clump of *Melani-*
paludosa in midst of
Hypericum elodes swamps
about 1/4 mile below Copse Wood
& 50 yards E. of river: near Birch clump.]

Foot of Glenasmole
at Bohernabreena
(near Mr. Healy's
& by ruins of
cottage on opposite
side of river)
Co. Dublin.
11/8/23.
aft. Windy with sunny
intervals.

Mellinus arvensis ♂ + ♀ at 1

Crabro *v. maculatus* on leaves

of Burdock by stream at 1

Andrena saundersella ♀ at 1.

Colletes succinata ♂ (and another seen) flying over Brackets by the nettle field.

Halictus rubicundus ♂♂ at 1

" *calceatus* ♂♂ "

" *altipes* ♂♂ "

" *pygmaeus* ♂♂ "

Salix exaltata 2 ♀♀ on

Collisport Lane & ^{white down bellifer} *Calluna* *laxiflora* flowers at 2.

Halictus calceatus ♂ at 1.

" *nitidiusculus* ♂♂ at 1 + 2.

Glenasmole

Co. Dublin.

18/8/23.

(1) Bohernabreena

near Mr. Healy's

(2) Below upper

dam, near

Brady's.

✓

Rush district.

Co. Dublin. 19/8/23

1. N. shore of Rogerstown Est.

2. Bay west Martello Fort

S. of Long Shinnery.

No. sun all day.

Sphæcodes affinis ♂

Halictus rubicundus ♂♂

" *tumulosus* ♂♂

Psithyrus campestris ♂ ✓

pale form *v. rosiellus* K.

" *rusticus* ♂.

On scarp near Vallambrosa,

Bray, Co. Dublin.

27/8/23.

Morning: very windy: no sun.

♂♂ "asleep" on flowers of

Senecio, *Orijaea*, *Calamintha* etc.

Mellinus arvensis ♂

on Cow Parsnip.

Halictus nitidiusculus ♂

" *tumulosus* ♂

Psithyrus campestris ♂

pale *v. rosiellus* K. ✓

Ichneumonidae

Alomya debillator ♀, red.

South of Bray Head

(along old railway line)

Co. Wicklow.

Sept. 27/8/23.

Dull, very windy

commencing to rain!

Braconidae

Chelonus sp.

Meloboris
bellifer

Halictus rubicundus ♂♂ + ♀♀
Andrena sandersella ♀
" *grypana* ♀

Brillias (Lone + sand pit
above + west of station on
steam transey), 800 to 900 ft.
Co. Dublin. 11/9/23. Some sun: aft.

Halictus rubicunda ♂♂ + ♀♀
on ragweed.
" *punctatissimus* ♂♂ + ♀
on ragweed.
" *tumulorum* ♂♂ + ♀♀
" *smethmannellus* ♂
on *Senecio aquaticus*

near Carrickmines
(w. of station by river
+ up lane to golf links)
Co. Dublin. 2/9/23
Morning: Sunny.

Sphex affinis ♂♂ + ♀
Halictus rubicundus ♂♂ + ♀♀
" *lativentris* 1 ♂
1st ♂ taken in Ireland!
" *calceatus* ♂♂ + some ♀
" *albipes* ♂♂
" *freycasseri* ♂♂ + ♀♀
" *punctatissimus* ♂♂ + ♀♀
abundant in little quarry.
" *tumulorum* ♂♂ + ♀♀

Hill side above farm
east of south end
of The Dingle (mostly
in little quarry on
hillside or on plants
of *Senecio jacobaea*
amongst Ulex).
Co. Dublin. 2/9/23.

Bombus derhamellus fresh ♀

Midday + aft.: windy
but a good deal of sun.

Halictus albipes ♂♂
" *freycasseri* ♂♂
" *nitidiusculus* ♂
Bombus muscorum ♂♂
" *joellus* ♀
Orthocentrus campestris ♂

Actually in The Dingle,
Co. Dublin.
Aft. 2/9/23. Sunny

Pompilus niger ♀ at 2.
Crabro varius ♀♀ at 1.
Halictus rubicundus ♂♂ + ♀♀ at 1.
" *calceatus* ♀ at 2. ✓
" *freycasseri* ♂♂ + ♀♀ at 2.
Nomada rufipes ♂ at 2.

Deerpark, Povercourt
Co. Wicklow.
8/9/23.
① River bank 100 yards
below foot of fall.
② East side of valley by
road leading to top of
"Long Hill".
Midday: some sun: hot.

Pasaloecus monilicornis ♀
Ichneumonidae ✓
Ichneumon sp. ♂ yellow: 1 ♂

Below road on Wicklow
side of The Scalps. Co. Wicklow.
Warm; sunny; very windy.
9.9.23.

Pompilus niger 2 ♀♀
Ceropalus maculatus ♀
Agenia variegata 1 ♀
Mellinus arvensis ♂♂ + ♀♀
Crabro varius ♂♂ + ♀♀
Burrowing in bank.
Sphex hyalinatus 2 ♂♂
flying on slope below bank
Colletes succincta ♂ + ♀
flying to Calluna not far below road.
Halictus rubicundus ♂♂ + ♀♀
♀ seen carrying pollen!
" *freycasseri* ♀
" *leucopus* ♂♂

Glencree (old river
bank - terrace -
below Cops Wood
& bog + between
that + road)
Co. Wicklow.
9/9/23.

Andrena minutula ♀ (2nd brood)
entering burrow
in bank at N. end of terrace by path.
Nomada rufipes 1 ♂ many ♀♀
flying over bank + slope beneath.

Midday + aft. Windy:
considerable sun:
flies very bad: rain
later!

On floor of Scabiosa

Odynerus pictus ♀ On boulder clay cliff at east end of upper dam, Glenasmole, Co. Dublin. 15/9/23.

Aft. : Cold : Showery : a little sun.

Pompilus ♀ (probably *gibbus*) seen carrying spider

[*Colletes* ?? seen by Daisy on *Leontodon* on cliff at N. end of N. Strand.]

Sphex affinis ♂

Halictus rubicundus ♂♂ & ♀♀.

" *calceolus* ♂♂.

" *albipes* ♂♂.

" *tumulosus* ♀♀.

" *smeathmannella* ♂

" *leucopus* 2 ♂♂.

Jehneumonidae

Many species at 100 ft.

E. Cliffs, south of Harbour, Dub.

Co. Dublin.

16/9/23.

Very windy : sun & showers alternately.

Fide R.C.L.D.

✓

[*Lasius niger* det. ♀ taken by O'Riordan on cliffs at Killiney, Dub on 29/9/23 (fide R.C.L.D.)]

1923.

Myrmica ruginodis nest

with many larvae.

Brittas River valley below

Formica fusca nest

Ballinascorney House,

containing pale green

G. Dublin.

aphids

[With Ed. Mahony.] 27/1/24.

Vespa sylvestris remains under cairn on Summit of Seecaron!

Salix first seen in bloom near Killincavoy, Greystone

on 9/3/24, but as it was afternoon + a strong cold

wind was blowing no bees were to be expected.

Lasius niger.

Sand pits + ° near the Birr railway

" flavus.

2 1/4 miles W. of Roscrea, N. Tipper.

" *myrmica*

Myrmica ruginodis

(close to Co. boundary!)

Bombus lucorum ♀♀

G.W.S. + R.A.P. 15/3/24.

" *terrestris* 1 ♀
summing itself.

Ants in sand pits + on banks. *Bombus lucorum*
at ♂ willow: the only one in flower

Halictus sp. dead
dug out of burrow
(probably *ruficornis* or *calceatus*).

Sand pit by avenue to

Mr. Pini's house at

Andrena sericea ♂

Faucraft (near Roscrea)

dug out of burrow alive
Myrmica scabrinodis ♀

Kings Co. 16/3/24.

Cocoon of *Jura* dug out of sand pit by

Birr Road at Drumakeenan, Kings Co. G.W.S. 17/3/24

Lasius *myrmica*

Nests more or less combined under stones ~~at~~
in

" *niger* ✓

part of field where turf is near Gloster,

Myrmica ruginodis ✓

(N. of Roscrea) by Birr road, Kings Co.

17/3/24. Under these stones, I also took

Cocilioides acicula, *Trichomiscus pygmaeus*

+ ~~Haplodactylus~~ *Haplodactylus mengii*, as well

as an aphid.

Bombus lucorum ♀♀ at same willow as on 15th inst.

near Birr railway. ✓ 17/3/24. Nothing else seen.

No other willow out at Roscrea, though plenty seen from train near Portlough + °.

Bombus lucorum ♀♀

On ♂ willows by Killincavoy mill,

" *jonellus* ♀ ✓

near Greystone, W.I. 22/3/24.

Late afternoon ^{dull} after fine morning: mild. Willows

now well out all way between Greystone + Ennisterry.

Sunday 23/3/24. Misty rain all day!

Bombus lucorum ♀♀

" *jonellus* ♀

Boulder clay slip (opposite Brady's)

all at Willows

at head of Coon reservoir,

Numerous cocoon of

Glenasmole, Du. 29/3/24. ^{apr.}

a former dug out

Very cold (snow shows in morning)

of sandy layer above

hot sunny intervals in aft.

boulder clay

No *Andrena* seen at Willows.

Thursday (before Easter), 17th April, 1924.

Andrena albicans 4 ♂♂ seen on Dandelion in field opposite waterworks gate at B. Kersabreens, DU.

Bombus terrestris ♀ searching at same place.

Andrena clarkella ♀ faded a little but not worn, entering burrows in sand at top of "coast" opposite Brady's, where *N. leucophthalma* taken on 5th April. Another ♀ *clarkella*, very fresh, sunning itself on stone in sheltered corner near pine plantation to S.E.

Bombus lucorum seen at Willows & Dandelion & *B. terrestris*, ♀♀ seen searching.

No other bees seen, but numerous cocoons of *Jovron* dug out of sand at top of "coast", amongst which I found remains of 2 (? ♂♂) *Crabro* sp. (!? *iv-maculatus*): later almost certainly *iv-maculatus*!

Late afternoon - 2-30 till 5.0 p.m. - a few short bursts of sun, after fine mild morning, rather windy & threatening, little flying!

SWALLOWS! Several seen flying over Dodder near Mr. Doyle's at 2-30 p.m. No Willow Wren heard during the afternoon! And no Sand martens seen in their usual place at Old Barr.

Friday (Good Friday) 18th April, 1924.

Sunny, early morning: 11-30 till 1.0: and 3.0 till 4.0. Mild, very stormy.

Glencallen, 1 mile above Smiskerry, WI.

Andrena grynana ♂ on Dandelion - lane.

Halictus pygmaeus 2 ♀♀.

Andrena clarkella ♀♀ many

Nomada leucophthalma ♂♂ & ♀♀

In small sandy bed at top of one slip on South side of river, opposite where path comes down from Killagee House.

N.B. The *Andrena clarkella* appeared to be gathering pollen only from the Gorse, though Willows were in flower all about.

The *Nomada* were seen to enter the burrows & no *A. apicata* were seen

during the day! Watched 11-30 till 12-30! *Halictus rubicundus* ♀ Sunning itself: on N. slip. *Andrena nigroaenea* ♂ on Dandelion on N. side of glen.

A. minutula ♂ & ♀ both on Dandelion. *A. clarkella* ♂ sunning itself on stone or ditch up stream a little from ruined house & opposite

side of stream (i.e. S. side) *Leptothorax acervorum* (all reddish brown; not bicolorous!) About 6 or 8 specimens of this ant taken on great-fallen pine tree, which was riddled with holes: in this also I took a specimen of the beetle *Sitona cylindrica*.

~~Andrena clarkella~~ ~~Andrena clarkella~~ ~~Andrena clarkella~~

18/4/24 : Glencullen : continued.

Bombus lucorum ♀♀ } many seen searching
B. terrestris ♀♀ } for burrows.

B. lapidarius 1 ♀ seen searching.

B. jonellus 1 ♀ seen on gorse.

✓ *B. hortorum* 1 ♀ seen on *Napeta glechoma*.

B. agrorum 1 ♀ seen flying 10th 1924.

Apis mellifica ♂♂ seen on a ♀ willow and
on *Napeta glechoma*.

Anthophora quadripunctata, ♂ ♀ on dead bracken. No injured at legs, wings!
WILLOW WRENS, PEACOCK BUTTERFLIES, Swallows
& Chiff-chaff.

19/4/24. Saturday. Lovely warm, sunny day
but detained in museum by visit of Board
of Visitors till * 1 p.m. Afterwards to
Glenasmole, Du. but somewhat windy
& cloudy by that time.

Andrena albicans ♂♂ in dozens flying round
willow tree on river bank near entrance
to Waterworks.

Vespa sp. (? *rufa*) ♀ seen at Brady's on
gooseberry flowers.

Halictus fuscicornis ♀♀ seen at several places
on slip opposite Brady's.

* This was official working time. Why complaining of being
detained?

19-4-24 : Glenasmole : continued

Andrena grynana 2 ♀♀. Beautifully fresh
specimen, running thru reeds on slip opposite
Brady's & below upper dam.

Bombus lucorum, *B. terrestris*, and
B. lapidarius seen! ✓

Willow-wrens common about Brady's
on this date.

Pieris RAPAE seen!

Sunday 20th April 1924. (Easter Sunday)

Very hot, mild, & sun almost all day!

Salix (*pusillus* ♂) ? Seen.

Sphucodes divisa ^{IRCEL} 2 ♀♀ (1 taken). Small.

on talus at S. end of quarry: no holes seen!

Halicta rubicundus 1 ♀

" *calceatus* ♀♀ common.

" *albipes* 1 ♀ taken.

" ^{v. small} ~~*albipes*~~ * 1 ♀ taken

" *punctatissimus* 1 ♀

all *Halicti* on talus at N. end
of quarry or on N. cliff!

Andrena albicans ♂♂ common

flying round willows & gorse
but only 1 ♀ seen, running itself!

A. sp.? (? *apicata*) seen on talus

None *Nomada leucophthalma*
seen taken!

Quarry in Silurian
rocks on main rd.
to Wicklow, half
way between
Kilmartin (near
Dunrae Castle)
& Ballyhenry (3
miles N. of Rathfriland)
Co. WI.

(all labelled "Ballyhenry")

continued →

20/4/24 : Ballyhenry Quarry : continued
Homada leucopthalma 2 ♀♀ near
 where *Andrena* (? *apicula*) ♀ was seen.
M. fabriciana ♀♀ common but no
 specimen of any possible host seen!
Bombus lucorum in willows; *B. terrestris*
 & *B. lapidarius* searching; *B. agrorum*
 at Violets

20/4/24. Sand-pit S. of road (in field)
 from Ashford (on main road to Wicklow)
 to Killaderrig Ho. Co. WI.
Andrena albicans ♂♂ common flying round
 gorse bushes!
Bombus hortorum at Gorse flowers.

20/4/24. Murrough at Newcastle Station.
 Co. WI.

3.0 till 4.0 p.m.
 No bees seen except *Bombus lucorum*,
B. terrestris, *B. hortorum* & *B. jonellus*
 (last in Dandelion).
 Took specimen of the Hemipteron (*Therapha*
lyocyanii L.) 200 yards S. of Newcastle Station.

Monday, 21st April, 1924. (Easter Monday)

No sun all day, but very hot & sultry.
Salix fusca ♂♂ & ♀♀.
 Abundant in railway cutting!
Andrena albicans ♂♂ abundant
 round gorse & willows. Only a
 few females seen, at Dandelions
 & willows
A. jacoti ♂ at willows, NW. of Sallins.
A. nigroaenea ♂♂ common at
 Dandelions & Willows (a few).
 ♀♀ common in ry. cutting.
Bombus lucorum & *terrestris*
 seen.
Athalia lineolata seen
Fehneumidus
 3 spp. taken in ry. cutting.

Sallins,
 Co. KD.
 Sandpit, by canal
 1/4 mile N. of Sallins
 Station & railway
 cutting near
 same.
 Excellent ground,
 especially the latter,
 but day very
 dull after a wet
 misty morning.

Saturday, 26th April. Cold & raining all day.

Sunday, 27th April. Morning, cold, with misty
 rain from S.E. Aft. also wet.

Saturday, aft., 3rd May 1924. Cold & windy with showers but sunny bursts. ^{Dunes at Portmarnock} 6.30.
Bombus lucorum, *B. terrestris*, *B. muscorum* & *B. agrorum* ♀♀. All at willows.
 No other bees seen! ✓
NB. Salix repens almost at its best.

Sunday, morning; very hot & sunny. 4th May 1924.
 Bank of upper road from the Scalp facing Enniskerry, Co. WI.
Halictus rubicundus ♀♀ on Dandelion.
 " *tumulosus* ? ♀ seen at gate to glen.
Andrena albicans ♂♂ & ♀♀ abundant at Dandelion.
 " *jacobi* ♀
 " *minutula* ♀♀. Common on Dandelion & nesting on roadside by gate into glen.
 " *gryzana* ♀ seen on Dandelion.

Nomada bifida 2 ♀♀ on Dandelion.
Bombus hortorum 1 ♀ repeatedly visiting Primroses.
B. agrorum, *B. lucorum* also seen.

Sunday, ^{morning} ~~midday~~, 4/5/24. Sunny & hot. Roadside at Kilmalin, above Enniskerry.
Vespa rufa ♀
Andrena albicans ♂♂ & ♀♀ abundant on Dandelion.
A. gryzana ♀ on Dandelion. ✓

Nomada bifida 2 ♂♂ searching; one with truncate mandibles similar to those of *N. bifida*.

Sunday, 4/5/24, midday & early aft.
 Hot, with much sun, turning dull about 4 p.m.
Salix fusca ♂ very small; ♀ seen. } Glencree, Co. Wicklow.
Halictus rubicundus ♀♀ at willows.
 " *fryessneri* 2 ♀♀.
Andrena jacobi ♀ at willows
 " *lapponica* ♂♂ searching; ♀♀ running. ✓ R.C.L.B.
Vaccinium just out!
 " *gryzana* ♂ & ♀
 " *praeator* ♀♀ at willows: rather faded. ✓ R.C.L.B.
 " *apicata* ♀♀ at willows: very faded. ✓ R.C.L.B.
 " *clarkella* ♀♀ at willows: fairly fresh.
 " *albicans* ♂♂ ^{searching} & ♀♀ at willows everywhere.

Nomada (? *rupicola*?) seen.
 (more likely *bifida* or *leucophaea*)

Sunday: 4/5/24: Glenree: cont.

Bombus terrestris, lucorum, lapidarius

agrorum + muscorum ♀♀ seen.

Bombus pratorum cf) lucorum + jonellus at willows

Verpa myristica ♀ seen at willows

" norrvegica 2 ♀♀.

Schneumon suspiciosus? 2 ♀♀, near Copse Wood.

B. On this day all the Salix cinerea were out of flower; but some bushes of Saururus were just at their best. Blackthorn was with one or at its best but no bees seen at it.

Other flowers were Thymus, Calamintha, Viola ^{various} stransburg & Dandelion but nothing seen on them except a few common things. One Bombus agrorum was seen at Pedicularis rhodantha.

Saturday: 10/5/24... Heavy showers all afternoon.

Sunday: 11/5/24. Warm, with much sun, morning

S.E. Ry. cutting & small glen by ry. by main road from Wicklow to Rathdrum, exactly opposite Deputy's Pass. near Glenree, Co. Wicklow.

Halictus lativentris 1 ♀ on ground - field above ry.

" freycassini 2 ♀♀.

" punctatissimus 5 ♀♀, 2 on flower of Fragaria vesca!

Some on Dandelion!

Sunday: 11/5/24: near Glenree: cont.

Andrena albicans ♂♂ + ♀♀.

" jaevoti ♂

Schneumonidae. Banchus pubescens ♂

Sunday: 11/5/24: midday & early afternoon: much sun

Glenmalur, from Drumgoff to Baravore, Co. Wicklow.

Halictus freycassini ♀ on willow at 2.

Andrena albicans ♂♂ at 1 & 2; ♀♀ on willow at 2.

" clarkella ♀♀ on willows at 2.

" praecox ♀♀ fairly fresh on willows at 2.

" Lapponea ♂♂ + ♀♀ common at 2 and on ^{1 & 2} R.C.L.P.

moraine up side valley to S. to 1,000 ft. alt.

1 ♀ taken on gorse & another on Viola Riviniana!

No Vaccinium seen nearby - flower on this date.

Nomada sp. seen on willow at 1.

Bombus lucorum, terrestris, jonellus + agrorum seen at 2.

Teuthredinidae. Dolerus aeneus. ♂♂ ^{1 & 2} R.C.L.P.. Also ♀ kept by R.C.L.P.

Empis tridens ♂ var.? could be another sp. ^{1 & 2} R.C.L.P.
Taken along hedge, W. side of road from Lohel at Drumgoff to bridge!

Schneumonidae. Pimpla ♂

On the 11/5/24 I discovered Salix caprea in flower on the S.E. Ry. cutting at Baravore!

Saturday: 17/5/24: morning: Very hot sun but windy! Sand pit, N. of Greystones (Jones's new Park), W. of railway, Co. Wicklow

Sphex *divinus* 3♀♀ R.C.L.P.

Halictus rubicundus ♀♀

H. calceatus ♀♀

" *lativentris* 1♀

" *villosulus* 1♀

" *nitidiusculus* ♀♀

" *tumulorum* ♀♀

Andrena albicans ♂♂ + ♀♀

" *sericea* ♂♂ very abundant; ♀♀ only a few.

" *villosa* ♂♂ a few fresh; 1 stylized ♀ with almost wholly dark hind tibiae.

Schneumonidae. *Schneumon sarcitorus* ♀ or *Alexander*
" " ♀♀ or *Alexander*.

Brachinidae

Microplitis sp. ♂

Saturday: 17/5/24. Midday & early afternoon: very hot sun but strong wind shut me, collecting impossible except in a few sheltered spots.

Along deserted railway between Greystones & Bray Head. Co. Wicklow.

Saturday: 17/5/24: S. of Bray Head, cont.

Halictus freygessneri ♀

" *rubicundus* ♀♀ in gravel pit by railway.

Andrena albicans ♂♂ + ♀♀

" *nigraenea* ♂♂ + ♀♀

" *jacobi* ♂ + ♀

Nomada goodeniana ♂♂ + ♀♀

" *marshamella* ♂♂ + ♀♀

Schneumonidae →

Sialia black of ♂

On this date (17/5/24)
M.S. & Westropp took
Andrena angustior ♂
at Mark Lane,
Cork
with the following
app.
Andrena albicans ♀
A. jacobi ♀

Sunday: 18/5/24: morning: very hot sun but dry air. Sand pit just N. of Blessington, Co. Wicklow.

Halictus freygessneri ♀

" *rubicundus* ♀♀

Andrena albicans ♀♀ or *Sandwichia*!

" *subopaca* ♀

Nomada (*trifida*?) ♂ with blunt mandible

" *flavipunctata* ♂

Terthredinidae *Dolerus picipes* ♂ R.C.L.P.

" *Euphyllus calceatus* ♂ R.C.L.P.

" *Dolerus aeneus* 2♂♂ R.C.L.P. kept by ...

Sunday: 18/5/24. Midday. V. hot sun.

Gravel scarp & pit at N. end of Burgage Bridge,

1 1/2 m. S. of Blessington, Co. Wicklow.

Halictus rubicundus ♀♀.

" *freycasseri* ♀

" *calceatus* ♀

" *leucopus* ♀

Andrena albicans ♂♂

" *sericea* ♂♂ abundant; ♀♀ a few.

Nomada marshanella 1 very small ♂.

Ichneumonidae. *Schizura saritorius* ♀.

Sunday: 18/5/24: midday: rather cloudy, some sun.

Rice Bank (King's Rice) below Humphreys Dr.

4 miles S. of Blessington, Co. Wicklow.

Andrena sericea ♂♂, & 1 ♀ on *Sandolion*.

Tenthredinidae. *Dolerus aeneus* ♂♂. R.C.L.C.

Sunday: 18/5/24: early afternoon, hot sun.

On *Falix aurita* on Kildare side of boundary,
in overflow channel 2 miles W. of Blessington, Co. Kildare.

Halictus freycasseri ♀

Andrena albicans ♂♂ & ♀♀.

" *fucata* ♂ (fresh).

Sunday aft: 18/5/24: ^{glending,} overflow channel, W. of Blessington

Nomada bifida ♀♀.

" *ruficornis* 2 ♂♂

" *marshanella* 1 ♂.

R.C.L.C. says of one of the above that it is a *Halictus*!

Ditto. ditto; on Wicklow side of boundary at foot of wooded scarp. 18/5/24.

Andrena albicans ♂♂ & ♀♀ on laurel (sunning)

A. lapponica 1 large ♀ on ground.

Nomada marshanella ♂ flying round laurel.

Halictus sp. in quarry.

Saturday 24th May 1924. Aft. Heavy shower, spoiled all collecting. Visited Bohernabreena.

Sunday 25th May 1924. Morning: heavy shower followed by hot sunbursts.

Land pit, 1/2 mile S.E. of Kiltiernan, on old road over hill near lead mines. Co. Dublin.

Andrena jarvisi ♀

Halictus nitidiorulatus ♀

Nothing else seen but very nice ground for future work.

Sunday 25th May 1924 cont. *Ballyman flier*
 Midday, sunny interval. Valley on Co. boundary
 below bridge where Old Connaught road crosses
 boundary 1 1/2 miles S. of the Sculp. Cos. Dublin
 & Wicklow. Dublin side has sand pit;
 Wicklow side has low, marshy plants.
 Ichneumonidae. *Alomya debellator* a very red ♂
 flying over Gorse blossoms.
 No bees seen! But quite interesting ground.

Sunday 25th May 1924 cont.
 Early afternoon: heavy showers; followed by about
 an hour's hot sun; then thunder & hail
 storm! Glencullen, Co. Wicklow, S. of
 Killeegan House & about 1 mile above Ennisterry.
Andrena jacobi ♂♂ & ♀♀ } all flying to Sycamore
 " *fulva* ♂ & ♀ } flowers in lane near
 " *albicans* ♂ & ♀♀ } Killeegan House.
Salix fusca ♀ }
Verpa rufocincta ♀ } all in Glencullen!
Halictus rubicundus ♀♀ } on *Veronica chamaedrys* ♂?
 " *calceolaris* ♀♀ }
 " *albipes* ♀♀ } on *Veronica chamaedrys* & *Bellis*

Glencullen: 25/5/24: continued.
Halictus leucopus ♀♀
Andrena jacobi ♂♂ + ♀♀.
 " ♂ seen (? *A. senicaria*)
 " *grymarum* ♀ on *Veronica chamaedrys* not
 too com.
 " ♂ of small black species with white face seen!
Sphex divinus ♀
 " *affinis* ♀.
 " *Dolerus niger* ♂♂ R.C.L.P.? Flying round Sycamore at Killeegan, Ho.
 one kept by R.C.L.P. very abundant.

Homocidus arcuatus ♂♂
 2 ♂♂, Co. types, taken on this afternoon near Killeegan. A.W.S. 1940.

Saturday 31st May 1924.
 Afternoon, warm, with considerable sun.
 Cliffs below Carlschiffe, Bailly, Howth, Co. Dublin.
Chrysis ignita ♂♂ & ♀♀ } very abundant.
Odynerus pictus ♂♂ & ♀♀ }
Sphex affinis ♀♀ common. ✓ R.C.L.P.
Halictus rubicundus ♀♀
 " *cylindricus* ♀ seen.
 " *albipes* ♀♀.
 " *punctatissimus* ♀♀ common.
 " *nitidiusculus* ♀♀

Baily cliffs: 31/5/24. cont.

Halictus

Andrena jaevoti ♂♂ + ♀♀

" nigroaenea ♂♂

Nomada ruficornis ♂ R.C.L.P.

Lasius chlorus ♀♀ hills H. 2 in great abundance on slopes close to boundary of hills H. at Baily!

5th June 1924.
" Soleris niger ♂ R.C.L.P.
taken at Ticknock, Co. Dub.

Sunday 1st June 1924. Rain all day!

Saturday 7th June 1924. On duty in Museum. Rain.

Sunday, 8th June 1924. Morning, warm, dull.

The Scalp, south end, above road, Co. Wicklow.

Halictus leucopus ♀

Andrena ^{minutula} ~~subopaca~~ ♀ R.C.L.P.

~~Tenthredinidae~~ Strongylopterus singularis ♂ + ♀♀ R.C.L.P.

♂ has black thorax + orange abdomen.

Sunday, 8th June 1924. Morning + midday, warm, some sun but very windy!

Rocky Valley (west end), Co. Wicklow.

Pompilus gibbus ♂

Odynerus pictus ♀ seen on Hawthorn!

Sphex affinis 3 ♀♀, all on Potentilla tormentilla! ✓ R.C.L.P.

Halictus rubicundus ♀♀

" freygessneri ♀

" nitidiuscula ♀

" tumulorum ♀♀

" smeatnavelleri 2 ♀♀ (small ones)

" leucopus ♀♀ ✓

Andrena jaevoti ♂♂ + ♀♀

" nigroaenea ♂♂

" fucata ♂♂

" albicans ♀♀ on Hawthorn.

" cineraria ♂♂ only.

" grayana 1 var ♀

Rocky Valley: 8/6/24. cont.

Andrena subopaca ♀

" *saunderella* ♂

" *vitkella* ♂♂ + ♀♀

Nomada ruficornis ♂ + 2 ♀♀. ✓ R.C.L.P.

" *hilliana* ♂.

" *bifida* ♀

Schneuwidae. *Schneuwia* ^{pub. by Sclater, ♀!} ♀, black on Iris
in field near Kilmurry!

Pimpla ♀
2 small species.

Tenthredinidae. "*Allantus arcuatus* ♀♀" R.C.L.P.

Athalia lineolata R.C.L.P.

Pristiphora crassicornis (♂ R.C.L.P.)
small, black, yellow tibiae
or bristles.

Strongylopterus singularis ♀♀ R.C.L.P.

Sunday, 8th June 1924. Afternoon: sunny but
very stormy. Murrough of Wicklow, at + S.
of Newcastle station.

Pompilus gilvus ♂ + ♀

Osmia cuneolata ♂ + ♀

Bombus derhamellus ♀ seen. ✓

Monday (Wait), 9th June 1924. Morning till 1pm.

Warm but very little sun. W. bank of river
in Deer Park, 1/2 mile below fall, Poverunant
Co. Wicklow.

Sphex

Halictus rubicundus ♀♀

" *calceatus* ♀.

" *pygmaeus* ♀.

Andrena jaesi ✓

" *juvata* ♀

" *lapponeus* ♀♀

" *cineraria* ♂♂. 1 ♀ seen.

Nomada bifida ♀.

Schneuwidae: *Cryptus* ♀

Schneuwia

Pimpla

Tenthredinidae. "*Allantus arcuatus* ♂" R.C.L.P.

~~*Odynerus*~~ *Loderus palmatus* ♀ R.C.L.P.

Strongylopterus singularis ♀♀ on Bracken. R.C.L.P.

Selandria stramineipes ♀♀ R.C.L.P.

— Taken on 8th June NOT on 9th!!!
Loderus vestigiatus 3 ♀♀ of var. nov. R.C.L.P.
one kept by R.C.L.P.
These I saw large Duddy long ago!

Sunday, afternoon, dull, rain coming, warm.
9th Jun 1924. Old mine bank at Spicewood
Glencree, Co. Wicklow.

- Andrena jacobae* ♂♂ & ♀♀ at Hartstown.
- Halictus fuscipennis* ♀
- Ichneumon* ♂ Black ♀ ✓
- Ichneumon* ♂ Black & red ♀
- Stenopogon* *cingulatus* ♀♀ R.C.L.P.
- Allantus arcuatus* ♀♀

Friday, aft. very hot, bright, sun. 13th June 1924
After my wet week!

- Glencree, between reservoirs!
- Hardly any Hymenoptera seen.
- Leptothorax ruficornis* ♀♀ - SE. angle foot of Brady's garden.
- Halictus calceatus* ♀ seen in Daisy
- " *tumidus* ♀ seen.
- Andrena fucata* ♂♂
- " *sericea* ♂♂ opp. Brady's on sandy cliff
- " *jacobae* ♀ on Holly.
- Nomada marshmalleri* ♀♀ ✓
- Verpa norvegica* ♀♀
- " *rufa* ♀♀ & ♂♂ } on Cotoneaster hedge
- " *austriaca* 3 ♀♀ } of Brady's garden
- Allantus arcuatus* " *Tenthredopsis inornata* ♂ var. R.C.L.P.
- Tenthredo nasomela* ♂ R.C.L.P.
- Trichosoma* ♂ found by Brady from upper reservoir!

Saturday, aft. very hot, sunny. 14th June 1924
Hardly any bees to be seen. D.N.F.C. Ex.
Old quarry at Sandyford, Co. Dublin.

- Sphecodes affinis* 3 ♀♀
- Halictus rubicundus* ♀♀ frequent.
- " *calceatus* on Ranunculus bulbosus
- " *tumidus* " " "
- Andrena fucata* ♂♂
- Nomada bipida* ♀

Psithyrus rufus ♀ at St. Columba's College.
Ichneumon ♀ in swamps on E. side
of Kilmashogue.

- Collected by E. O'Riordan at Clontarf, Kildare or Herth (see labels!)
- " *Tenthredopsis inornata* R.C.L.P. " *triflorus* tenax R.C.L.P. " *Trichocampa ulmi* R.C.L.P. J.N.H. " *Holopenthes*"
- " *Trichocampa cradialis* R.C.L.P. " *Holocroce lucida* R.C.L.P.
- " *P. myosotidis* R.C.L.P. " *Pachyremeta stobrota* R.C.L.P. " *Pach. littellata* R.C.L.P. E.O.R. & J.N.H. J.N.H.
- " *Athalia lineolata* R.C.L.P. " *Emphyga calceata* ♀ R.C.L.P. " *Dolerus areolaris* R.C.L.P.
- " *Dolerus picipes* ♀ R.C.L.P. " *Dolerus niger* ♀ R.C.L.P. J.N.H.
- " *Tenthredopsis pictipes*, var.

Sunday, 15th June, 1924. ^{morning + midday} Very warm, dull, rain later.

Deerpark, Powerscourt, Co. Wicklow.

Salix fusca ♀ dragging spider ()

Halictus rubicundus ♀♀

" *calceatus* ♀

" *fulvipes* ♀

" *leucopus* ♀

Andrena jacobae ♂♂ + ♀♀

" *subopaca* ♀♀ (♂♂(?) *Conopodium deudatum* !)

Nomada bifida ♀

" *marshalli* ♀♀

Tenthredinidae! *T. balteata* ♀ R.C.L.P. *Strong. cingulus* ♀ R.C.L.P. (approx. *fulvipes*)

" *Dolerus aeneus* ♂ R.C.L.P. *Dolerus bimaculatus* ♂ R.C.L.P. *Dolerus ferrugatus* ♂ R.C.L.P.

" *Remaneus abdominalis* ♂ + ♀ R.C.L.P. on Alder below Deerpark by stream!

" *Selandria stramineipes* ♀♀ R.C.L.P. *Dolerus gemmeri* ♀ R.C.L.P. (hand by river?)

" *Dolerus vestigiatus* 3 ♀♀ (one kept by) R.C.L.P. another ♀ kept by R.C.L.P.

Thursday 19th June 1924. Windy, warm, some showers but sunny for the most part.

Glenmacnass (head up); Military Road at 1400, + Mullagh clearsum (Mt. & Lake).

Bombus jonellus + *B. lucorum* at Vaccines

Andrena lapponica ♀♀ nesting in granite sand by roadside at 1400 ft.

Metopius dentata ♂ flying over heath at 1600 ft.

Larva of *Bombus callens* taken by road by M.D.S.

Corixa sp. taken (but lost) in Clearsum Lough at 2,300 ft.

[*Leptothorax curvipes* taken by R.C.L.P. at Mullagh clearsum on 15/6/24]

Sunday 22nd June 1924. Hot sunny morning but not short sunny bursts after 10 AM.

Murrough of Wicklow: Wicklow to Greystown, 11 AM till 7.0 PM.

Pompilus gibbus ♂♂ + ♀♀

Tachysphex pectinifer ♂♂. With golden pile on face!

Amnophila lutaria 1 ♂ 6 ♀ on edge of sand near N. of Killough. ♂ taken had ♀ firmly gripped in his mandibles by neck or pronotum & remained thus for half an hour in bottle (other was weak!) but were not in cop.

Halictus villosulus ♀ near Wicklow station

" sp. ♀ seen resting with *Amnophila*. Both may have been tumulorum.

Andrena albicans ♀ on Cow Parsnip at Wicklow station.

Ormia curvicauda ♂♂ (very) ♀♀ (very fresh) frequent.

Bombus distinguendus ♀ seen S. of Killough.

[*Lasius umbratus* var. *ovatus umbratus* pub. H.B. taken by R.C.L.P. at Mullagh clearsum, Powerscourt on June 1924.]

Co Clare Trip.

Monday 30th June, 1924. Left Dublin 8-30 AM. after
wet morning: very sunny with NW wind.
Stopped for lunch 2 miles S. of Roscrea, Co Tipp.
but though sunny no Hymenoptera seen on
roadside.

Stopped for tea in wood on bog beside Doort.
W. of Broadford, Co. Clare & though very
hot sun & millions of flies no Hymenoptera
seen.

Tuesday 1st July, 1924. Beautiful sunny
morning, turning dull & windy; afternoon
a great storm of wind & rain from SW. Rain
lasted all night. Lahirish dunes morning
One bee seen on sand dunes which may
have been a ♀ Andrena sericea.

- Bombus lucorum ♀♀ + ♀♀.
- " lapidarius ♀♀
- " distinguendus 1 ♀ on Anthyllus.
- " muscorum several ♀♀.

One sawfly swept: "Pachyneurates ditellata ♀" R.C.L.C.

One braconid swept.

One Pezomachus ♀ running on sand.

Wednesday 2nd July 1924. Storm still continues in
morning but signs of clearing.

A good deal of sun in morning & early
afternoon but no Hymenoptera seen
except - Bombus, Allantia arenaria
(near Ennistymon) & Myrmica ruginodis
M. scabrinodis & Lasius flavus in dunes

Thursday 3rd July 1924. Wind down in
morning & considerable sun. Dunes
between Jolly Links & Lahinch till 1 p.m.

- Compilota fitchii 4 ♀♀.
- Andrena sericea ♀♀.
- Allantia arenaria common.
- Bombus lapidarius ♀♀
- B. lucorum ♀♀ + ♀♀ ✓
- B. muscorum ♀
- B. agrorum ♀♀ + ♀♀.
- B. distinguendus ♀ again on Anthyllus.
- Lasius niger ♀♀ in front garden of "Thornville".

Ichneumonidae ♂:

- Cryptus sp. red & black ♂ + ♀ (red taken by other)
- Chorip sp. running on sand
- Pezomachus 2 sp. (collected) one on sand.

Thursday 3rd July 1924 cont.

Afternoon: more windy but considerable sun.

Lahinch, S. to Moy House & Glenrille stream.

Pemphredon laticornis ♂ on Sycamore leaf by
ry. over Glenrille stream.

Crabro dimidiatus ♂♂ + ♀♀ on oak tree
by Glenrille stream + nesting in bank
by path S. of same: E. of ry.

C. varius 1 ♀ on oak tree with last.

Odynerus trimaculatus ♂♂ along coast.

Vespa rufa ♀♀. One oak tree with *Crabro*.

Halictus rubicundus ♀ nesting with *Crabro*

Andrena subopaca ♀ " " "

Homada ruficornis ♀ small, running on stone
at same place.

Bombus derhamellus ♀ + ♀ on ry.

B. lucorum, *muscorum*, *agrorum* +
lapidarius.

Formica fusca under

Lasius niger } stone by river.

Allantia arcuata

Ichneumonidae ♂

Small brachyptera: Cynipid running on rocks at high tide level

= *Medinaptera*
subaptera Walk
♂
ANG. Nov. 1932
Seen by Nixon Feb. '33
& subsequently taken
by me & others. d.
A.W.S.

Friday 4th July 1924.

A very bright sunny day with cool breeze.

Morning.

Halictus ^{albipes} pygmaeus ♀ on *Carduus arvensis*
in quarry NW of Lisconnor.

Did I think the bird's nest was with
the other ♀? I remember the bird's nest was
of a different size to the other.

Midday & afternoon.

Sandhills below Fisherstreet. ^{16. of cliff of rocks!}

Pompilus plumbeus ♀

" sp. larger black specimen seen!

Oxybelus unigularis ♂♂ + ♀♀ common on sand
& flowers of *Achillea millefolium*.

Colletes montanum ^{S.R.C.L.P.} ♂♂ + ♀♀ on sandy bluff
near tip of rocks! ♀♀ on *Junonia* & *Thymus*.

Odynerus sp. (? *pictus*) seen with *Colletes*!

Bombus lucorum ♀

" *muscorum* ♀♀

Cryptus ♀

no sign of
Pompilus given
" *Tachytes* *particeps*
though *scutellator* very
formidabilis.

Saturday 5th July 1924

After some early sun & promise of a fine day the wind turned to the East & it rained heavily all day. Went to Inchquin Lake near Crophin but the only Hymenoptera seen were

Vespa sylvestris 1 ♀ } on *Scrophularia*
Bombus agrorum 1 ♀ } *nodosa*
 above Inchquin L.

Very nice collecting ground hereabouts especially for *fossons*! But no *fossons* seen on subsequent fine days.

Sunday 6th July 1924.

Rain all night but fine sunny morning till 10, then misty all day with showers turning wet again in evening.

A few *Bombus* including *B. derhamellus* ♀ seen on sandhills at Lahinch but nothing else in the aculeate line. Two ♀ *Pezomachus* & one large *Proctotrupes* ♀

One *Jehneum* or *Pimpla* ♀ taken on *Cob. Passiflora* in afternoon on hill S.E. of Station, Lahinch.

Monday 7th July 1924. Thick driving mist all day!

Tuesday 8th July 1924. A dull warm day, but without sun.

Morning & ^{midday} early aft: sandhills at Murrough, S. of Black Head.

Pompilus plumbeus ♀♀ common & very tame at one place N. of Caher R.

No other aculeates seen (owing to want of sun?).

Braconid

Bombus agrorum, *lucorum*, *lapidarius*.

8/7/24 cont.

^{morning} & Afternoon: hummocky ground between Poulisallagh & Ballinalackan.

Odynerus pictus ♀

Pimpla ? ♀

"*Tenthredopsis inornata* ♂ var." R.C.L.P. at Poulisallagh.

Lasius niger? nest very common all over district.

Bombus lucorum, *agrorum*, *muscorum*, *lapidarius*.

Wednesday 9th July 1924. A warm dull morning, with sun in late afternoon.

Morning: limestone crags S. of Clooncovee (N. of Luchiquin Lake!).

Bethylus fusivorus ^{R.C.L.P.} } on swampy hollow
Pompilus nigerimus ♀ ^{R.C.L.P.} } on limestone!
Halictus pygmaeus 2♀♀. One on *Potentilla* & one on *Ranunculus bulbosus*!

~~Tenthredo~~ "*Phogogaster viridis* ♀" R.C.L.P.
Alia sericea ♂ on Hazel. R.C.L.P. (very large!)
Schneumbecker & *Braconidae*.

Large and black sp. with white spots.
Pimpla with red legs, small.
Agelaeoscelator near (fide S.T.L.) & *apantula* sp. (S.T.L.)

Formica picea.
Lasius niger
Myrmica scabrinotus.
Lasius sp.
White *Beetle*.
Yellow *Beetle*.
Small *Beetle* on *Potentilla* ?? Small *a. aglax*?
Bombus agrorum, *lucorum*, *lapidarius*.

9-7-24 cont.

Afternoon: hot sun. Shore of lake, crags & edge of Blifden Woods, N.W. end of Luchiquin Lake, N. of Corofin.

Pompilus nigerimus 2♂♂ 1♀ ^{R.C.L.P.} in roadside quarry
Odynerus pictus ♂ " " "
Sphex affinis ♀ ^{R.C.L.P.} " " "
Halictus pygmaeus ♀♀ " " "
" *tumulosus* ♀♀ " " "
" ~~*leucopus*~~ *stans* ♀ " " "
Bombus agrorum, *lucorum*, *Apis mellifera*.

Thursday 10th July. A dull, warm, wet-misty day!

Friday 11th July. Morning, warm with much sun, though rather windy.

Sandhills, along river, Luchiquin.
Pompilus plumbeus ♂♂ & ♀♀
Oxybelus unigularis ^{fittus} 1♀ ^{R.C.L.P.} ♂♂ & ♀♀ near sand-pit.
Andrena sericea 1 fresh ♀
Halictus rubicundus ♀ resting in hard sandy intersp. in bottom of big hollow.
Pezomachus sp. ♀
Euphorus sp. (fide S.T.L.) "fully crushed!"

Friday. 11/7/24 cont. Afternoon: warm

dull till 4-30 then very hot sun.

Boulder-slag bank, oak tree by river
& willow trees & sycamore trees by railway,
E. of railway near ^{Moss House} Glendville, 1 mile S. of
Lahinch.

Sialis sp? ♂ seen. (Probably *S. caudata*.)

Crabro leucostomus 2♀♀ one entering tunnel
on bank; one on sycamore tree on way.

" *dimidiata* ♂♂♀♀ very abundant.
nesting in bank!

" *varius* ♂♂ & ♀♀ very common: nesting
in bank & running over everything.

Veopa rufa ♀♀ very common near oak tree.

Odynerus sp? ♂ seen on branch (Probably *O. ximatus*)

Halictus villosulus ^{v. R.C.L.P.} ~~*subaenari*~~ 2♀♀ nesting at foot of bank.

" *pygmaeus* 1♀ " "

" *leucopus* 1♀ " "

" *rubicundus* ♀ " "

Homada hillana 1♀ running on stone.

" *ruficornis* 1♀ Very small & dull.

Tenthredinidae. *T. balteata* R.C.L.P. *T. atra*, v. *dispar* R.C.L.P.

Athalia lineolata R.C.L.P. *Selandria serrata* ♂ R.C.L.P.

Ichneumonidae

Saturday 12th July 1924.

Morning dullish & very windy: Lisacmore &
Coast W. of same: nothing doing.

Afternoon to railway near Rinneen, 4 miles
S. of Lahinch, where likely cutting along hill-
side but too windy & nothing seen. Then back
to bank near stream & railway, near ^{Moss House} Glendville
as yesterday afternoon.

Considerable hot sun, but rather windy.

May Ho.,

Saturday 12/7/24. Aft.: *G. viridis*: cont.
Pompilus niger ♀, large, captured on knicker
 where she was searching for flies.
Crabro leucostomus? ♀ running on stone on bank.
 " *dimidiatus* ♂♂ + ♀♀ as yesterday.
 ♀♀ all taking in a white-bellied fly!
 " *rarius* ♂♂ + ♀♀ as yesterday.
Odynerus trimarginatus 1 fresh ♀ on Sycamore
 " *sinuatus* ♂♂ on sycamore, *Con-barris*
 & flying round.
Halictus ~~caerulescens~~ ^{viridis} ♀ nesting at foot of bank.
 " *albipes* 2 ♀♀ " " "
 " *pygmaeus* ♀ " " "
Andrena wilkella large ♀ " " "
 " sp. (^{*grymopsis*} ~~*grymopsis*~~) ♀ seen to enter burrow in bank.
Nomada ruficornis 1 ♀ ^{seen} running on alder by stream

Tenthredinidae!

" *T. livida* ♂♂ in Sycamore on Ry. R.C.L.P.
Atalapha ~~*montana*~~ ♂♂
Ichneumonidae ♂?
 Long *Ichneumonid* with pale markings ♀: *Schizotoma capitata*!
Chelonus inornatus (July 5/24)

Sunday 13th July 1924. A bright day with
 keen sun strong day, much cooler.
 Sun only patchy!

Banks etc. by road above N.W. corner of
 Inchiquin Lake, N. of Corofin. Morning.

Pompilus nigerrimus ♂.
Odynerus pictus ♂
Halictus albipes 2 ♀♀.
 " *calceatus* ♀
 " *rubicundus* ♀ seen.
 " *tumulosus* ♀ seen.
Bombus lucorum ♂ ♀ + ♀♀ seen.
 " *agrorum*, *muscorum*
 " *jonellus* ♂ in wood.

Ichneumonidae

On bank & yellow ♂ *S. livida*
 1 ♂ *B. lucorum*
 2 ♂♂ 1 ♀ *Pompilus*
 2 black ♂ in d. 1 ♂ 1 ♀
 1 black ♂ (*Atalapha*?)
 1 black ♂ *Perizonia*

Afternoon spent
 on crop
 to blossom
 too windy
 1 ♀ *Halictus*
 on *Hyacinth*
 taken
 of *Apis mellifica*
 or *gerani*
argyrus!!!

Monday 14th July 1924. A bright sunny day with strong cool wind, turn dull at 3 p.m. with rain threatening.

Morning. Corkscrew Hill, S. of Ballyvaughan.

Halictus alpestris, *H. calceolus* & *H. pygmaeus*, a few ♀♀ of each seen on *Leontodon* & *Hieracium*.

Vespa sylvestris ♀ seen near B'vaughan.

Bombus agrorum & *lucorum* ♀♀ seen.

Roadside just S. of Black Head

Odynerus pictus ♂♂ & ♀♀.

" *trimarginatus* ♂♂.

Halictus pygmaeus 1 ♀.

Moraine along river at foot of Glen Caher.

Odynerus pictus ♂♂ & ♀♀ seen.

Halictus 2 ♀♀ (? *pygmaeus*) seen; one on flower of *Dryas*. Too windy to judge but appeared very good ground!

Sandhills at Murrrough.

Pompilus plumbeus ♀ carrying spider ^{longirostris Egg!}

Oxybelus uniglumis ♀ carrying fly ^{Proserpa near to P.F. Grimshaw's file}

Nothing else seen but rain threatening.

Tuesday 15th July 1924. A dull windy day with much rain in afternoon.

Wednesday 16th July 1924. A very bright sunny morning & until 3 p.m. but with a strong cool westerly breeze & heavy rainstorm at 11/30 A.M. Subsequently dull & squally with rain.

Stopped at ~~Corkscrew~~ dunes at Spanish Point before rain at 11-30 A.M. but

though very hot sun saw nothing better than *Allantus arcuatus*. Dug out

remains of bee (♀) from series of burrows? *Halictus rubicundus*. Also *Apis mellifica* ♀♀ seen.

Afterwards on to N. end of dunes at White Strand, Dooberag, N. of Kilkee.

Pompilus gibbus 1 ♀. ^{J.R.C.R.P.} *P. plumbeus* ♂♂ & ♀♀

Salix sp.? 2 ♂♂ seen, but lost, on Wild Carrot.

Oxybelus uniglumis ♂.

Colletes montanus 2 ♂♂ along sunny bank, one on Wild Carrot.

Bombus lucorum ♀♀, *B. hortorum* ♀ & ♀ seen.

" *distinguendus* ♀ seen, *B. lapidarius* ♀.

Thursday 17th July, 1924. A dull morning with a few glimpses of sun, warmer.

Demersus at Ennistymon, below town.

Crabro varius ♂ on laurels.

Bombus lucorum ♀, ♀♀ + ♂♂.

" *hortorum* ♀♀ + 1 ♂.

" *agrorum*

" *muscorum*

2 *Solenus*

Apanteles fulvipes (fide S.T.B.).

Vespa rufiventris ♀♂♂
new to Ireland; but taken by Herbert in Mullingar, W. Cork. at Glengariff, Co. Wick. Nov. 1924.

17/7/24 cont. afternoon. Windy, but considerable sun after 4 P.M.

Salix ^{notatulus} ~~maritima~~ ♀ on hazel. Railway & bank

Crabro ^{leucostomus} ~~excubitor~~ ♀ on mycamore. bank

" *dimidiatus* ♂♂ + ♀♀. above

" *varius* ♂♂ + ♀♀. stream

Odynerus sinuatus 1 ♂ on mycamore. near Moy

Vespa rufa ♀♀. Glenmills

Halictus ^{villosulus} ~~caerulescens~~ ♀. R.C.L.P. (as before)

" *fulviventris* ♀. S. of Lakenish.

Andrena wilkella ♀ seen.

" *subopaca* ♀ on *Stentella*.

Near Moy House

17.7.24 cont. Glenmills, railway & stream bank near same, S. of Lakenish.

Andrena gurganis 2-1 brood 2 ♂♂ 1 ♀.

Nomada obtusifrons ♂ on *Crepis virens* on railway

Megachile versicolor ♀ on *Lathyrus pratensis* on ry.

Bombus agrorum, *muscorum*, *subopaca* ♀ + ♀♀.

" *lucorum*

Ichneumonidae, *Tenthredinidae* ♂.

Psithyrus with pale socks, as before 2 ♀♀.

about a dozen species of *Ichneumonidae* seen.

Abia ^{cardens} ~~nitens~~ ♀ on bracken. R.C.L.P. } Dr. Robinson's name of this as *nitens* must have been due to a *Cephus calami* but at that time I never thought of doubting the correctness of the name. Only later have I seen others! AWS. 4.11.1935.

Tenthredo linsleyi 2 ♂♂ (as before) on *Sparganium* on railway. R.C.L.P.

Pachyprotasis antennata ♀. O.P.C.L.P.

Apanteles fulvipes (fide S.T.B.).

Friday 18th July 1924. A good bright day with strong N.W. wind & some showers, but considerable hot sun.

Cliff at Cream Point, Millers Bay (N. of Spanish Point), facing south.

Very nice coastal habitat & would probably pay better later in season.

Sandy soil above rock riddled with holes (? old sites of *Colletes* colonies). No bees seen till after 2 P.M.!

Pompilus nigerrimus 1 ♀.

Old cells of *Odynerus* on cliff (probably *3. marginatus*)

Chrysis ignita 1 ♀

Colletes montana ♂♂ on Wild Carrot.

" " ♀♀ on *Jasione montana* (gathering pollen!)

& on bramble, *Potentilla*, Wild Carrot, and

Hypochaeris radicata! All specimens

very fresh

Halictus punctatissimus 1 very worn ♀.

" (♀ seen about size of small *pygmaeus*)

Bombus muscorum ♀♀.

" *hortorum* ♀♀ on red clover (? ♀)

Apis mellifica ♀♀.

Whiffen Ichneumonid on rock at high water.

Widely spread (small) Ichneumonid & Braconid.

Saturday 19th July 1924. A very hot day with some misty rain in forenoon.

Morning: misty rain after hot sun: then dull but very warm till 1 p.m. Railway

& banks of stream above May House S. of Kakinoh (as before).

Gorytes mystaceus 2 ♀♀ on *Angelica* on ry.

Crabro varius & *dividivatus* as before.

Odynerus 3-marginatus ♀ on *Vicia cracca* on ry.

Ichneumonidae, Tenthrinidae &c.

Athalia lineolata R.C.L.D.

About 10 spp. of Ichneumonidae & 1 *P. sticticus*

19/7/24 cont.

Afternoon: very hot, with little sun.

Glen from my Home up to Glenville
(mostly from upper glen below Glenville Ho.)

Andrena celtica very fresh ♀ in flower
of bramble in upper glen at 6 P.M.

Bombus jonellus ♀. upper glen.

Aspilota sp. of Johnson's ♂. ♂ seen.

Caher R. valley, S. of Black Head
& Boolsallagh (with R.A. Phillips).

Sunday 20th July 1924. Strong cool

N. wind; but exceedingly hot sun all day.

Pompilus niger ♀ seen on moraine at foot of Caher R.

Odynerus pictus ♂♂ & ♀♀ seen.

" 3-marginatus ♂♂ & ♀♀ at both places.

Chrysis ignita ♀ at foot of Caher R.

Halicta fucata ♀♀ 3 at Geranium sanguineum

& 1 at Potentilla tomentosa.

Andrena wilkella ♀ on white clover at Boolsallagh.

Large black bristled ichneumon flying over bog
at Boolsallagh? - Ichneumon variator.

Monday 21st July. A glorious sunny day
with cool N. wind. Very hot out of

wind. Bohereen & hillside N. of Murrin's
Farm, Clooncose, 3 miles N. of L. Inchiquin

(where Phillip took Argyria euphrosyne - 1923).

Pompilus nigerimus ♂. ♀ seen.

Ceropalus maculatus ♂ & ♀. Saw but failed
(5 times) to capture
a ♀ Agonia!

Halicta fucata ♀♀.

" meathuana 1 typical ♀.

" calceata ♀♀ on Geranium Robertianum!

Andrena fucata ♀ (very common) - on Geranium Robertianum

Crabro dividiatus ♂.

Aspilota sp. of Johnson's ♂.

Apanteles sp. & Microplitis tuberculiferus (Hb. S. 74)

31/7/24 cont. Evening: sunny but windy.

Railway & bank above river near Troy Ho.

S. of Cahinch (as before!). 5-30 till 6-30 p.m.

Crabro varius & *dimidiatus* as before.

C. vagus ♂ on Sycamore on ry.

Odynerus 3-fasciatus ♂ " "

Halicta celerata ♀ on bank.

Andrena grynana ♂ " "

Tenthredinidae! *T. livida* ♂ R.C.L.P. on Sycamore (as before)

Andrena grynana ♂
R.C.L.P.

Tuesday 22/7/24. Gloomier, as on previous day! Warm but not much continuous sun!

Crabro dimidiatus ♂

Odynerus pictus ♂. ♀ seen.

Chrysis ignita.

Pemphredon shuckardi ♂ above farm.

Prospis confusa ♂ & ♀ " "

Halicta pygmaea ♀ on *Geranium sanguineum*.

Leptothorax acerrimus ♀♀ running over rocks. July 4.2.

Myrmica scabrinodis ♀ July 4.2.

off bloom

Selandria morio ♀♀ R.C.L.P. (H. L. L. L.)

Abia sericea ♀ R.C.L.P.

Phthorinus confusus Desv. ♀ R. Roman spruce!

Ammodramus *calceolaris* Grav. & *marginatus* Thomson. ♂. file of J. Kennel, Sept. 1950!

22/7/24 cont. Old scrubby area 1 mile

N. of Ballycrighter L. (N.E. of Corofin).

4-5 p.m. windy. No sun!

Crabro cheyrestomus 2 ♂♂ on rotten log under

oak tree.

" *varius* 3 ♂♂ on oak-tree & log.

Chrysis ignita running on oak leaves.

4 spp. *Leptothorax*

Wednesday 23rd July 1924. Heavy misty rain all day till about 4 P.M. After rain a few bursts of sun, with strong wind from NW. Went up to upper part of glen below Glenville House, 2 miles S.E. of Lakenish. No aculeates seen!

- Tenthredinidae "T. ferruginea" ♂ R.C.L.P. "Althaea lineolata" R.C.L.P.
- Tenthredinidae ~~var. ...~~ Coquebertii R.C.L.P.
- ~~...~~
- Cratichneumon ruficornis 1 ♀.

Meteorus deceptor? & Rhoga tristic (Hemiptera?)

Thursday 24th July 1924. A very bright day with very hot sun; but too stormy.

Spent all day in glen S. of Lakenish from my. at Moy House to upper glen below Glenville. Morning & evening at Moy House = 1. Midday at upper glen = 2.

- Pompilus niger 1 very large ♀ at 1. ✓ R.C.L.P.
- Salix ^{notatus} exaltatus 1 small ♀ in field ditch at 1. ✓ R.C.L.P.

24/7/24, cont.

- Odynerus 3-fasciatus ♂ & ♀ flying round willows on ry. at 1.
- " sinuatus ♂ at 1. ♀ at 2.
- Vespa rufa ♀♀ very busy round oak-trees at 1 & 2.
- Mellianus arvensis ♂♂ at 1 (First time seen!)
- Crabro varius Very abundant at 1 & 2.
- " dimidiatus Very abundant at 1 as before.
- " tibialis 1 ♂ on oak at 1, 50 yds below fall at 5 p.m.
- " aphidium ✓ R.C.L.P. 1 ♀ on Spanish Chestnut in upper part of glen (open glade) at 2.
- Halictus rubicundus 1 fresh ♂ at 2 (First ♂ H. seen!)
- " also 1 worn ♀ on wild-cornet above 1.
- " ^{villosulus} laterentis ♀ at 1. R.C.L.P.
- " albipes 3 ♀♀ at 1.
- Andrena ~~nitida~~ gurgans 2 = brood. ♂♂ at 1.
- " coitana ♀♀ on Rubus at 1 & 2.
- Bombus distinguendus ♀ very fresh on ry. at 1.
- [Argyris papilion very abundant at 2 & one fine fresh specimen of var. ruficornis seen but not captured.

In list of ...

24/7/24 cont. Moy House & Glensville.

Ichneumonidae, *Braconidae*, *Tenthredinidae* & c.

Tenthredinidae! "*Atalia lugens* ♀" P.C.L.P.

Ascogaster rufidens (Fedt. S.T.L.) *Glypta flavolineata* ♂-♀. V.A.R.

Friday 25th July 1924. Wet misty rain all day till about 4 p.m. Afterwards shower & some feeble sun bursts.

Went up to glen below Glensville Ho. & back down stream to ry: little doing.

Andrena sp. ♀ on *Angelica* on ry. at 6 p.m.

with grey hairs all over thorax & propodeum & with black hind tibia: blown away by wind.

This was the only aculeate seen, except ♂♂ of *Verpa rufa* (round oak-trees unusual).

Tenthredinidae, *Ichneumonidae* & c.

Pachyprotasis antennata ♀ at Glensville. V.P.C.L.P.

Meteorus pulchricornis & *Ascogaster rufidens* (Fedt. S.T.L.)

Glypta flavolineata ♂. V.A.R.

Saturday 26th July 1924. A misty morning turning into a glorious day with gentle westerly breeze; shady intervals. Glen from my at my house ① upwards to Glen below Glenville Ho. ②.

Salix caudata 2 ♂♂ ^{✓ N.C.K.P.} ~~at 2~~ ^{at 2} ^{on bank near top of Glen}

Mellicope curvica ♂♂ (some very small) ^{at 2} ^{but I can't remember whether taken with last or not. It was at 2.} ^{A.W.S. Nov '24.}

frequent about 1

Pemphredon luteicornis 1 ♀ on *Sycamore* at 1 on ry.

Crabro varius & *dividatilis* as before.

C. leucostoma ♂♂ at 1, ♀♀ at 2.

C.

Odynerus 3-fasciatus 1 ♂ at 2.

O. sinuatus 2 ♂♂ at 2.

Vespa rufa ♀♀ as before.

Habicta albipes ♀♀ at 2.

" *pygmaea* ♀ at 1

Andrena coitana ♀♀ at 1 + 2 mostly on *Angelica*.

" *denticulata* ♂ at 2 on *Hypochaeris*.

Bombus hortorum v. *communis* at 2.

" *agrorum* & *muscorum* at 2.

" *lucorum* & *derhamellus* at 1.

Prithyrus barbatus ♂ + 2 ♀♀ (very fresh) at 2.

One of the ♀♀ was almost covered with mites on back!

Tenthredinidae

T. leucis (G.C.H.P.) 2 ♂♂ on *Sycamore* at 2 (as before) 2.

1 ♂ + ♀ on *Sycamore* at 2.

Schneumonidae, Braconidae & C.

Ascozonus rufipes (G.C.H.P.)

Sunday 27th July 1924. A dull warm day with rain in afternoon. Went via Lisdoonvarna, Caherbullog & Caher Valley to Murrump (S. of Black Head), here spent a couple of hours on dunes in misty rain; afterwards home via Boolsallogh & Lisdoonvarna. The only Hymenoptera seen were a few *Odynerus pictus* at foot of Glen Caher on the moraine (as before).

Monday 28th July 1924. Came back to Dublin via Ennis, Limerick, Birdhill, Silvermines, Rosires, Maryborough & Kildare. Stopped on roadside N. of Birdhill for lunch & saw *Bombus lucorum*, *B. terrestris* & *B. agrorum* & caught two species of Ichneumonidae. N. Tipperary.

Stopped for tea on roadside about 2 miles N. of Maryborough, Queen Co. but saw nothing but *Bombus lucorum*, *terrestris*, *lapidarius* & *agrorum*.

END OF CLARE TRIP.

Wednesday 30th July 1924. Hot sunny morning turning dull, with showers in afternoon. Took J. P. Brunken to Glen Inaal, W. of Lurganquilla Co. Wicklow. Stopped at deserted estate near & W. of Davids town for half an hour (1) & by bridge on R. Slaney E. of Davids town for an hour (2).

Mellinus arvensis ♂♂ at 1 & 2 ♀ at 2.
Crabro ~~caen~~ ^{palmeri} ♂ at 1. Seen also at 2 but supposed to be various & not brought home!
 " *Chrysostomus* 2 ♂♂ on Alders at 2.

Habistes pygmaea ♀♀ at 2.
Andrena fulvata ♀ very worn at 2. ✓
 " *saundersella* ♀ at 2.
Nomada flavopunctata ♀ at 2.

Ichneumonidae ♂. *Rhyssalus circumscriptus*, var. ♂.

Tenthredinidae. "Tenthredo atra v. dispar" ♂ P.C.L.P.
Allantus arcuatus type ♂ & ♀ *semi-perkinsi*
 Kept by R.C.L.P.

On 31-7-24 I took 1 ♀ *Pemphredon* *californica* - my garden at Maryfield. Rotherham or Blackcurrant.

Saturday 2nd August 1924. Very hot, with much sun but a few heavy showers; very windy!

Aft. 3 p.m. till 6 p.m. Glencullan, Co. Wicklow below Killegar Ho. & 2 miles above Enniskerry

Leptothrips curvum ♀♀ on old log (as before)

Formica fusca winged ♂♂ in nest in log.

Myrmica ruginodis winged ♂♂ seen in nest.

Mellinus arvensis ♂♂ & ♀ seen.

Crabro varius seen.

Halictus rubicundus ♂♂ & ♀ seen.

" *albipes* ♀♀ fresh.

" *leucopus* 1♂ + 1♀. fresh

Andrena dentiflata 1♂ on ragwort. 1♀ hovering over sedge, flat ^{field} near river

" *sericea* 2♂♂

Psithyrus distinctus ♂ seen

" *rusticus* 2 ♀♀ seen.

" *barbutellus* seen.

Verpa ruficincta ♂♂

" *norvegica* ♂ very dark.

Johnmanniidae :-

Sunday 3rd August 1924. Rain all day.

On duty in Museum.

Saturday 9th August 1924. 6 till 7 P.M.

Banks above road (below old road) at Bohernabreena, Co. DU.

No aculeate seen except *Bombus* but several small *Braconids* swept. Aphids collected on *Carduus arvensis* & *Centaurea nigra* for parasites!

Sunday 10th August 1924. Morning.

Dull & warm: Glasnevin Bot. Garden (with T. D. Boyer).

Several *Spheneron* taken & one ♀ *Crabro* (almost certainly *cariponus*) seen near the Tolka *Chamaeae*, *Crata* (p. 574)

10/8/24 cont. In garden at Mayfield

9-30 till 10 A.M. Sunny & warm.

Crabro leucostomus ♂ on current bushes with *C. varius*.

Spheneronidae.

Thursday (afternoon) 11th August 1924.

3 till 6 P.M. Powercourt, Co. Wicklow.
River banks in deer park 200 yards above
lodge (lower entrance) = (1).

In rotten stump & log & on gravel flats by
the river 1/4 mile below entrance to
Deer park = (2). Bank facing entrance = 3

Pompilus spurius ♀ (worn) at 1. ✓ R.C.H.P.
Salix exaltatus ♀ (very large) at 1. ✓ R.C.H.P.
Pamphredon lugubris ♀ at 2.
" *shuckardi* ♀ at 2. ✓

Crabro cetratus 3 ♀♀ entering holes in
semi-rotten log at 2.

" *IV-maculatus* 2 ♂♂ + 1 ♀ ^{near} bridge *utridipati* at 3.
" *dimidiatus* 1 ♂ at 2.
" *varius* 1 ♂ at 2.

" ^{IV maculatus} *vesmali* 1 ♂ at 2. Very small black specimen!

Andrena subopaca 1 ♀ on *Potentilla procumbens* at 2.
" *denticulata* 1 ♀ on *Leontodon autumnalis* at 2
also 1 ♀ on *Senecio jacobaea* at 3.

Halictus rubicundus ♂♂ + ♀♀ abundant at 3.

Schremoniella ♂ sp. Braconidae 1 sp. *Proctotrupidae* 1 sp.
apanteles fuscicornis (p. 55)

Friday 15th August 1924. Hot sunny morning with

some clouds, getting dull about 3 pm. with heavy
showers from 4 till 5 pm. with Rev. J. Foster!

Valley of the Avonmore below Rathdown
Co. Wicklow.

1. = E. side of River above ry. viaduct & quarry.
2. = W. side " " "
3. = stump of fallen tree on W. side

Formica fusca ♂
Pompilus 1 ♂ on top of bank at 2.
" *nigerimus* 1 small ♀ at 2; 1 large ♀ on stump at 1.

Salix exaltatus 1 ♂, many ♀♀ at 1, 2 + 3. ♀♀ at Signet.

Agenia variegata 2 ♀♀ on wall under viaduct at 2.
" do-do. small ♂ taken by Rev. J. Foster at 3
some days previously!

Mellinus arvensis ♂♂ + ♀♀ seen at 1 + 2.

Crabro varius. Common at 2.

" *IV-maculatus* ♀ at sand bank by river at 1.

" *chrysostronus* ♂ taken by Rev. J. Foster.

" *dimidiatus* ♂♂ + ♀♀ at 1 + 2.

" *leucostomus* ♂ on oak at 1, under viaduct.

" *claripes* ♂ (very red) at 3.

Vespa rufa, *vulgaris* + *norvegica* all seen.

15/8/24 cont. Avonmore Valley at Rathdrum cont.

Odynerus nests on wall under ry. viaduct at 2.

Chrysis ignita remains taken from nest of *Odynerus*!

Prosopea confusa ^{VRCLP} ♂ + ♀ at (?) 1 + 2. } all on flowers of
" *hyalinatus* ^{VRCLP} ♂ + ♀ at (?) 1 + 2. } *Juncus montana*.
" *tricornis* ^{VRCLP} ♀ at (?) 1.

Halictus rubicundus ♂♂ + ♀♀ common.

" *albipes* 1 ♂ at 1.

" *calceatus* 1 ♂ at 1

" *peyerimieri* 1 ♂ at 1

" *tumidus* 1 ♀

" *leucopus* ♂. also ♀ on *Juncus montana* after rain.

Andrena denticulata ♀♀ on Ragweed at 1 + 2.

" *coitana* ♀♀ *Carduus lanceolatus* at 1 + 2.

" *minutula* ^{VRCLP} 1 ♂ on *Conopodium denudatum* at 1

" *minutula* ^{VRCLP} ♀ at 1.

" *obtusifrons* (very minute specimen) ^{R.C.L.P.} ♀ on *Juncus montana* at 1.

" *obtusifrons* ^{R.C.L.P.} 1 ♀ on bank at 2.

" *rufipes* 2 ♂♂ on Ragweed at 1.

Megachile willughbiella ^{Var. hibernica} ♀ at burrow in old stump at 1.

Bombus agrorum, *terrestris*, *terrestris*, *terrestris*, *terrestris*, *terrestris*

Polybia ruficornis 2 ♀♀; *Carabellus* ♂♂ + ♀♀

" *distinctus* 1 ♂

Tenthredinidae! "*Priophorus texus*" ^{R.C.L.P.} Rec. G. Foster!

Chelonus variegatus (Pav.) 2 ♀

Sat. 16th Aug. on duty in museum.

Sunday 17th Aug. Rain in torrents all day!

Wednesday 20th August - afternoon: some sun with heavy showers.

Meadows &c between upper & lower roads to the Scalp, at Enniskerry, WI. = 1

Sand-pit on road from Trenchinick to Kilnashoge ^{and} Kilbride on Lad Monks = 2.

Pompilus ruficornis ♀ on *Angelica* at 1.

Mellinus arvensis ♂♂ in great abundance at 1.

Vespa vulgaris ♂ ♀♀ } all on
" *norvegica* ♀♀ + ♂♂ } *Angelica*
" *rubricincta* ♀♀, ♀♀ + ♂♂ } at 1.

20/8/24 cont. Enniskerry 3.

- Halictus rubicundus* ♂♂ at 1 & 2.
- " *calceatus* ♂♂ at 2. on *Cnicus arvensis*.
- " *albipes* ♂♂ " " "
- " *pygmaeus* ♂♂ " " "
- " *leucopus* ♂ " " "

Andrena coitana ♂ at 2 on Ragweed
 ♀♀ at 1 on Angelica.

Andrena ♂
 ♀♀ at 1
 ♂♂ at 2

Sat. in Museum 23/8/24

Sunday 24/8/24. Avonmore Valley, between Rathdunn & Avondale (as before).

West side of river = 2. East side = 1. Stamp 3.

- Compilus gibbus* ♀ at 2
- " *nigerimus* ♀ at 1. ✓ R.C.L.P.
- Agenia variegata* ♀ on 3; another on old quarry tip at 1

Salix caudata ♂♂ many ♀♀ at 2.

Mellinus arvensis ♂♂ & ♀ at 2.

Crabro dimidiatus ♀♀ at 3.

" *iv. maculatus* ♀ at 3.

" *varius* at 2 & 3.

Prosopis confusa ♀ at 2 } all on flowers of
 " *trivialis* 3 ♀♀ at 2 } *Juncus montana*.
 " *hyalinata* 1 ♀ at 2 }

Sphex affinis ♂♂ & ♀ on head of wild carrot with *H. leucopus* at 2.

" *affinis* ♀ very soon at 2. ✓ R.C.L.P. much larger than those above!!!

Halictus rubicundus ♂♂ & ♀♀ at 2.

" *calceatus* ♂♂ seen.

" *albipes* ♂♂ seen. Also ♂
 name as *flavoguttatus* at

" *pygmaeus* ♂ at 1.

" *leucopus* ♂♂ & 1 ♀ on Wild Carrot at 2 with *Sphex*

" *tumulosus* ♂♂ at 2. ♀ at 1.

Andrena coitana 3 ♀♀ all on *Scutellaria* or *Hypochaeris*.

Ichneumonidae ♂.

12 sp. at 1

7 sp. at 2

One large ♀ *Cryptinid* was taken alive out of a cell of *Odynerus* (?: *pictus*) of last year's brood. All *Odynerus* had already left nest.

Sunday, 31st August. 1924. A beautiful sunny day, till 2 p.m. Quarry near Ballyhenry, two miles N. of Ashford, Co. Wicklow. As before see p. 81.

Salix exaltata ♀♀ seen.

Agria variegata 1 ♀ on large stone.

Pompilus ruficornis 2 ♀♀.

Crabro varius seen.

Odynerus ~~sp.~~

Vespa rufa ♀

Phaenocarpa affinis ♂♂ + ♀♀ on *Angelica*. R.C.L.P.

Halictus rubicundus ♂♂ + ♀♀ seen.

" *calceolus* ♂♂ + ♀♀ seen.

" *albipes* ♂♂ seen. ✓

" *peyerimani* seen.

" *punctatissimus* ♂♂ + ♀♀

" *nitidiusculus* 1 ♂

" *leucopus* ♂♂ + ♀♀.

" *tumulosus* ♂♂ + old ♀♀.

Andrena denticulata 1 ♂ + 1 ♀.

" *minutula* ^{R.C.L.P.} ♂ + ♀.

Prospis confusa ^{R.C.L.P.} ♀ with black pronotum.

" *binivornis* ^{R.C.L.P.} 1 ♀ without white tomentum on 1st segment of abdomen.

Chelonus inarctus + *Bracon* (cf. *anthracinus*) (fide S.T.L.)

Tenthredinidae! "*Selandria serri*" ♂ R.C.L.P.

Sunday, 31/8/24 cont. Afternoon: some sun, but windy. Murroughs north of Killroyler, Co. Wicklow.

Halictus albipes ♂ + *Bombus* *derhamellus* ♂♂, *B. lapidarius* ♂♂ + ♀, *B. agrorum*, & *B. lucorum* were the only aculeates seen. Except also one each *Pompilus gibbus* & *Tachyspeus pectinipes*.

26 species of *Bombus* in all north of Wicklow.

Coelinius niger, *Chelonus inarctus*, *Bracon anthracinus* (?), *Bracon* sp. (possibly black form of "*fulvipes* Wes."), and *Apanteles fulcatus* (fide S.T.L.)

Glyptocentrus ? 3000 ft. 1924

Wednesday 3rd Sept. (labelled 4th Sept.!) 1924.
Afternoon of a beautiful day, but sun
often obscured by mist on hills!
River bank below the Copse Wood in Glenree
Co. Wicklow.

- Compilans giffus* 1♀
- Salix-exaltata* ♀
- Crabro varia* common.
- " *dimidiata* 1♂ & 1♀
- " *maculata* 1♀
- Mellinus arvensis* ♂♂ & ♀♀ seen.
- *Prosopis confusa* ^{✓ RCL} several ♀♀ on *Juncus montana*.
- *Halictus rubicundus* ♂♂ & ♀♀ seen. Old worn ♀♀.
- " *calceatus* ♂♂ & ♀ seen.
- " *albipes* ♂♂ seen.
- " *fryzomeri* ♂♂ & ♀♀ seen.
- " *leucopus* ♂♂ & ♀♀.
- " *tumulosus* ♀♀ seen.
- Andrena fuscipes* 2♀♀ very fresh.
- " *vitata* ♀♀.
- Nomada rufipes* ♂ & 2♀♀ with *A. fuscipes*.
- " *ruficornis* 1 large ♀ rather worn.
- *Meloboris affinis* 1♀.
- " *hyalinatus* 1♀ on *Juncus montana*. ✓ RCL
- Colletes glutinosus* 2♀♀

5/11. *Halictus*

- Sunday 7th Sept. Rain all day!
- Wednesday 10th Sept. A fine day with sun
until 1 p.m. but strong keen wind.
Derit's Glen, upper end.
Formica rufa. The former site of nest (on brink
of fall!) & surroundings all turned during
season & no trace of this species seen!
Agenia viriegata ♀ on roadside at jigsaw.
Prosopis confusa ^{✓ RCL} 1 ♀♀ on *Juncus montana*
Halictus hyalinatus ^{✓ RCL} 2 ♀♀
Halictus rubicundus ♂♂ & ♀♀.
 - " *albipes* ♂♂
 - " *calceatus* ♂♂
 - " *fryzomeri* ♂ ✓
 - " *leucopus* ♂♂ & ♀♀.
 - " *tumulosus* ♂♂ & ♀♀
 - " *punctatissimus* 2♂♂. One with darkish tarsi.

10-9-24. Devil's Glen, cont.

Andrena minutula ^{small} 2 - brood. 1 ♀ at track under pine
near upper gate above fall.

Sunday, 14th September 1924. A fine morning
but very stormy, turning to misty rain at 3 p.m.
The Dingle, Carrickminn, Co. Dublin.
Scarcely any bees about!

Halictus rubicundus ♂♂ + ♀♀

H. calceatus ♂♂

H. altipes ♂♂

H. leucopus ♂♂ + ♀

Andrena yozana ♀ 2nd brood, quite fresh
taken in Raynes.

14/9/24 cont. The Dingle.

♀ *Halictus* ~~rubicundus~~

21st Sept 1924. Raynes, Co. Du.
Halictus leucopus ♀

Records of various Hymenoptera received from correspondents.

- Braconids: - *Pygostolus sticticus*, *Microgaster globatus*, St. Anne's, Aug. '24. E.O.M.
- Spathius excavator* L. Raheny. 6/7/24. E.O.M. *Meteorus rubens*
(very rare! S.T.L.), *Leiphron muricatus*. St. Anne's, Clontarf. 2/8/24. E.O.M.
- Chelonus vulcatus*. Kilbarrack. E.O.M. 2/8/24. All fide J.T. Hyle.
- Lophyrus pini*. Horsh. Mass. A.L. Massey. Bred from larvae capt. in 1923.
- Andrena albicans*. ♀ Bloskeagh, DU. M.S.D.W. 11-5-24; ♀ Monkstown,
Co. Cork. M.S.D.W. 17/5/24. ³⁰⁷Castle yard, Strayford, Co. DO.
Rev. S. Foster. 13/5/24. ♀ Ballylerson, Co. Down. Rev. S.F.
15/5/24. ♀ Kilkenney. R.A.P. 17/6/24. ♀♀ Boolsalla (on
Dryas flavus!) R.A.P. May 1924.
- Andrena fucata*. ♀. Monkstown ^{Mid Cork}. U.S.D.W. 17/5/24.
- Andrena guzmanae* ♀♀ 1st brood. Mountmellick, Q. Co. R.A.P. 7-6-24.

Taken by Halbert (J.N.) at Glengarriff, W. Cork
in July - Aug. 1924.

Mostly in Lord Bantroy's demesne!

13.7.24. *Hyaleus confusus* ♂, *Andrena humilis* ♀.

^{Bantroy demesne,} *Halictus tumulorum* ♀, *H. freygessneri* ♀,

^{banks of river.} *Nomada sturipron* ♂, *Crabro rufus* ♂,

Salix notatulus ♀ (1st specimen taken in Ireland!)

Vespa sylvestris ♀, *Lasius niger* ♀.

16.7.24. *Andrena fucata*, very worn ♀, *A. coitana* ♀,

^{Bantroy demesne} *A. subopaca* ♀, *Halictus calceatus* ♀, *Nom. sturipron* ♀,

Bombus hortorum ♀, *Pitthyrus distinctus* ♂,

Bs. bartatellus ♀, *Crabro varius* ♀, *Compila niger* ♂,

Vespa rufa ♀.

17.7.24. *Hyaleus confusus* ♂, *Nomada ruficornis* ♀,

^{Hill side behind Eccles Hotel.} *Bombus agrorum* ♀, *Athalia lugens* + *A. lineolata*.

18.7.24. *Salix exaltatus*, large ♀, *Bombus lucorum* ♀.

^{Bantroy demesne} 19.7.24. *Lasius fuliginosus* ♂ + ♀♀.

^{meadows.} 20.7.24. *Crabro varius* ♂, *C. chrypostomus* ♂

^{L. arund.} 21.7.24. *Odynerus 3-marginatus*

22.7.24. *Andrena humilis* ♀, *A. subopaca* ♀, *Halictus*

^{Castle demesne} *ruficornis* ♂, *H. freygessneri* ♂, *Nomada sturipron* ♂

^{mostly old neglected} *Bombus derhamellus* ♀, *Pitthyrus carpestinus*, dark ♀,

^{orchard} *Salix notatulus* ♂ + ♀, *Lasius niger* + *Myr. ruginodis*

Allantus arcuatus, v. with abd. of v. perkinsi: head + thorax normal. *Selandria morio*.

Glengarriff: J.N.H. cont.

24.7.24. *Andrena coitana* ♀.

^{Bantroy demesne} 29.7.24. *Halictus rubicundus* ♂, *Bombus lucorum* ♀ + ♀,

^{meadows.} *B. hortorum* ♀, *Pitthyrus distinctus*, *Selandria serva*,

Euphytes pallipes.

31.7.24. *Lasius flavus* + *Myrmica ruginodis*.

^{Bantroy demesne} 1.8.24. *Andrena subopaca* ♀, *Halictus calceatus* ♂♂,

^{Bantroy demesne} *Spilomena troglodytes* ♀ flying round stump - demesne,

Salix notatulus ♀, *Formica fusca* + *Leptothorax acervorum*

4.8.24. *Halictus leucopus* ♀, *Parralocum monilicornis* ♂

^{Bantroy demesne} *Nomada sturipron* ♂, *Myrmica caliginosa* ♀ +

Crabro varius ♀.

N. Crabro styriacis omitted!

149
1925.

On 2nd February 1925 I took a ♀ *Verpa vulgaris* under a stone beside the cairn on summit of Prince William's Seat (alt. 1828 feet) on the Dublin-Wicklow boundary. The soil round about was quite frozen & the wasp showed no sign of life, but had "come round" slightly by the time I got it home. The wings were folded along the under side of the abdomen, so that their tips just covered the sting, while the legs & antennae were carried in a pendant position something like that assumed in the pupal state. NB. It may be worth noting that on 27th Jan. 1924 I took the remains of a ♀ *V. sylvestris* under a stone of the cairn on summit of Seecawan, 2,131 feet, in Co. Dublin.

8th March. J.P. Brunken reported willows in flower below Newtownmountkenedy, Co. Wicklow.

15th March 1925. Many willows out near Greystones & *Bombus lucorum* seen at ♀ tree there. None out in Glenasmole, but a few just showing flowers!

Sunday 22nd March 1925.

A fine day, with hot sun but very cold NE. winds in morning, following heavy snow & rain on Sat. evening & Sunday morn.

At 12 noon I captured a ♂ *Andrena nigroaenea* in sand pit at Throckmorton^(DU) during a sunny spell. The willows along the hilly here were not yet in bloom!

In the afternoon in Glencallen (WI) I saw several ♂♂ *Andrena* flying round a ♂ willow bush during a sunny spell about 4 p.m. as well as several *Bombus lucorum* & one *B. terrestris* ♀♀. One of the *Andrena* was I think *A. pygmaea*, but the others seemed larger & were probably *A. clarkella*. The ♀♀ of *Formica fusca* were very active & I saw one carrying home a small *Julus* sp. Many "un-hatched" dead bees were dug out of old burrows & with one of these was a dead Braconid — this may be *Gyrocampa perforator* but I am doubtful about it. A.S.

Sunday 29th March 1925. A cold, ~~windy~~ day for the greater part - sunless, but during the middle part & afternoon there were a few good bursts of sun in the Deerness district Co. Wicklow. Spent morning in Deerness demesne but willows few & not yet out. Very promising ground here for July & Aug. At 2 p.m. went to the quarry ^{near} Ballyhenry & though the sun had gone in I found several ♂♂ & 1 ♀ *Andrena* "sunning" themselves on stones. Subsequently when the sun came out I saw ♂ *apicata* plentifully & another ♀ very fresh. Only a few willows already out - at this place. Sun is on quarry till 3 p.m.!

- Halictus rubicundus* 1 ♀ on Bellis. 1 seen.
- Andrena apicata* ♂♂ & 2 ♀♀ ^{R.C.L.P.} all very fresh.
- " ^{praeox} *clavella* ♂ on stone, very fresh. _{1 ♂ R.C.L.P. abnormal 8th vent. segment.}
- Nomada leucophthalma* ♂ very large flying round burrows!
- Bombus lucorum* } abundant at Laurel flower
- " *terrestris* } in cover plot at Deerness
- not seen at Ballyhenry!

Wed. 1st April 1925. A very sunny morning, becoming dull in early afternoon! Spent afternoon in Glenasmole, but sun was just going when I arrived & wind cold.

Andrena clarkella. Very fresh ♂♂ & ♀♀ along east bank of river, below slip, 1/4 mile below lower dam! Also saw two ♀♀ making burrows at top of slip opposite Brady's ✓
Bombus lucorum ♀♀ several seen (one at Barber's flowers!)

Thurs. 2nd April. A windy day with heavy showers of rain, sleet & hail! Sunny intervals. Drove to Navan & home in afternoon. Saw no likely bee ground except Royal Canal Banks at Clonsilla station, but the Boyne valley at Navan should prove good for certain pupae later in year! Willows along Boyne just coming out but ? if one could reach them!

Wednesday 8th April. 1925. Afternoon of a very sunny day, but some clouds & blustering wind in afternoon.

Sand pit above Knockmaroon 1st, Co. Dubl.
Andrena nigroparva ♂♂ very abundant & ♀♀ seen on Taraxacum, Celandine
Halictus caelestis. 1 ♀ seen on Taraxacum
• Bombyx lucorum & terrestris seen on Willows (but no Andrena) which were full flower along river!

Friday (Good Friday), 10th April 1925.

A glorious day with much sun but cool breeze. Went to Arklow to look for "rooms" & so had not much time for collecting.

Ballyhenry Quarry. 10-30 AM.
Evidently too early in day.
Halictus rubicinctus ♀♀ seen.
Andrena 2 ♂♂ seen ? sp.
Nomada leucophaea 2 ♀♀
" fabriciana ♀.
Bombyx lucorum, terrestris & agrorum.

10/4/25 cont.

Midday, 1-2.30 p.m. Sand-dunes & river bank, N. of Arklow (Ferrybank) (P.C.L.C.)

Andrena praecox ♂ on ~~Willow~~ dead sticks under Willow tree by river!
Bombyx lucorum & terrestris ♀♀ very busy at willows, which were in full flower but no other bees seen: sun did not come out while I was at willows!
Ichneumon latrator var. neavei 1 ♀ taken running on sand & "tunnelling" at roots of bent grass.
No other hymenoptera seen on sand - much too early a date!

Easter Sunday 12th April 1925.

Morning: hot sun: 10-30 AM.
S. East side Scalp along margin of wood (on Co. Dublin side of boundary!).
Andrena gurganea ♂ spring brood at Gorse.
Nomada fabriciana ♂ on Taraxacum.

N.B. Good ground & earth working later in year!

Took specimen of
Hemiptera,
Jachodentis
sent to
J. N. Halbert
24. 2. 26!

12/4/25 cont. Easter Sunday!
 Spent rest of day in Glencallen (below
 Killegar) Co. Wicklow. Warm & sheltered
 but very little sun till late afternoon.
Andrena clarkella ♀♀ abundant & nesting in
 coomb (slip) on S. side of river.
 " *apicata* 3♀♀ 2 running on slip on N. side
 of river, (at willows!)
 Nomada *leucophaea* ♀♀ common at *A. clarkella*
 colony.
Amblyteles quadripunctatorius ♀? One specimen
 "searching" amongst dead bracken (M.S.S.) with
 tibiae all red!
Pezomachus (sp. *glauca*?) ♀ beaten out of
 birch bush (in flower).
Exochus ♂♀ also out of birch.
Vespa norvegica ♀ taken flying from ♂ willow!
Bombus lucorum, *terrestris*, *agrorum*
 & *hortorum*!

13/4/25. St. Anne's, Clontarf, Du. & O'Connell's.
Dolerus nigripes ♂, typical! & R.C.L.P.
 Ant. Lab. & mandibles "but" - *Andrena*

Saturday 18th April 1925. A cold windy
 day with occasional bursts of sun
 & showers.
 Kilkenny: ^{in morning} worked right bank of Nore
 below Kilkenny in morning, but saw
 nothing beyond *Myrmica ruginodis*, *Lasius*
flavus & *L. niger*. *Bombus lucorum* & *terrestris*
 and one ♂ *Andrena* (probably *albicans*) seen on
Prunus inuitica!
 In afternoon worked N. of Kilkenny along
 left side of river, crossed at suspension
 bridge to right & worked on for a couple of
 miles & then back by road. A ♂ *Andrena*
nigrescens & *Bombus lucorum* & *terrestris*
 only bees seen but one specimen of a small
Stenomacrus beaten out of birch bush, with
 several Braconids (*Dacnusa*?)

Sunday 19th April 1925. Very cold, very windy
 & sunless all day: not even a *Bombus*
 seen all day! Worked down left bank
 of Nore for 5 miles below Kilkenny & home
 by railway & road.

Monday 20th April 1925. A glorious sunny day!
Kilkenny: took early train to Bennetts Bridge
& walked to Kilkenny via river (left bank)
railway & road.

Lois worked here.

- ① River bank from Bennetts Bridge to - 2
- ② Channel from river to railway bridge
- ③ Railway cutting 1/2 mile N of Dere Carlow line joins Waterford line.
- ④ Quarry by railway just N. of junction
- ⑤ A primrose-covered bank in field east of railway: very hot spot!

Myrmica ruginodis common.
" *caerulescens* at 4.
Lasius niger & *flavus* both common.
No other ants seen! No *F. fusca*!!

Salix fusca ♀♀ apparently common: at 2, 3, 4 + 5.
Halictus rubicinctus at 2 + 3. ♀♀ of course!
" *pygmaea* 1 ♀ (small) at 3.
" *nitidivirens* ♀♀ at 2 + 3.
" *tumulosus* ♀♀ at 2.
" *leucopus* 1 ♀ at 2.

Andrena albicans abundant at 2 + 3.
" *jaechi* a few ♂♂ + 1 ♀ at 3.
" *nigroaenea* at 1, 2, 3, 4 + 5. On *Colandrea*,
Dandelion
" *fulva* 2 ♂♂, 3 ♀♀ ^{v. R.C.L.P.} on Dandelion along
railway, at 3, i.e. S.E. of Maddocksstown.
Only previously known from Ireland by
a single unlocalized specimen from T.C.D. see.
" *pratensis* ♂ + 2 ♀♀ at 2 + 4.
" *minutula* ^{R.C.L.P.} 1 ♂ wood ♂♂ + ♀ at 3
" *subopaca* ♂ R.C.L.P. at 3.
" *pygmaea* ♂ seen at 2, ♀ taken at 4.

Bombus lucorum & *terrestris*
" *agrorum*
" *terrestris* ♀ seen 3
Homada (? ♂ *foederiana*) seen at 4.
" ♂♂ flying over Whins at 2.

Kilkenny, quarries 1 mile south of on right bank
of R. here. Coll. by R. A. Phillip, 21/4/25.
Halictus nitidivirens & *tumulosus* ♀♀.
Andrena nigroaenea ♂♂ + ♀♀ *jaechi* ♂.
Also Hemiptera: *Schizus luctuosus* (= *noius*) new to Ireland!
Kilbarrack, Co. Dublin, E. O'Meara, 21/4/25.
♀ *Solerus nigratus* ♀ swept in marshy field!
var. intermedius between *nigratus* & *myalonus*, v. R.C.L.P.

Sunday 26th April, 1925. A brilliant sunny day, with high, cold, northerly wind. Not a bee day!

Morning 11-12 AM summer time!

Halictus rubicundus ♀♀ } all on
" *punctatissimus* ♀ } Taraxacum!
" *leucopus* ♀ }

Andrena apicata ♀.

" *grynarum* ♀.

Nomada flavipennis ♂, large!

" *fabriciana* ♀, small!

" *leucopthalma* 3 ♀♀.

Halictus calceatus 2 ♀♀ } On railway W. of Glencady, WI.
at Taraxacum } 26/4/25.

Halictus rubicundus ♀.

" *calceatus* ♀.

" *tumulosus* ♀.

Andrena albicans ♂♂ on Prunus & Salix

" *pygmaea* ♀ on Primrose! with pollen!!

" *jacobi* 2 ♂♂ at Salix.

" *praecox* ♀ at Salix.

Dolerus migratus ♀ "var. intermediata between migratus & nigripes" V.R.C.L.P.

Dolerus ♂♂

Quarry at
Ballyhenry
Co. Wicklow.
26/4/25.



Valley 1/2 mile below
Cathdrum

Co. WI.

26/4/25!

Sunny hot, very windy!



Halictus calceatus

Andrena grynarum ♀ on Taraxacum

" *albicans* ♂♂ & ♀♀

" *minutula* ♀ on Salix } V.R.C.L.P.

Halictus rubicundus 2 ♀♀.

Salix (? purpurea) ♂ & ♀ seen

Ichneumon (small black ♂) ? at Salix.

Andrena albicans ♂♂ & ♀♀.

" *nigra* ♂

" *jacobi* ♂ & ♀

" *praecox* 2 ♂♂

" *apicata* 1 ♂

" *subopaca* R.C.L.P. ♂♂ & ♀♀.

Nomada tipida ♂♂ & ♀.

" *marshamella* ♂

" *leucopthalma* ♂ - with red dots on scutellum & yellow bands on abdomen! V.R.C.L.P.

" *ruficornis* ♂ R.C.L.P. probably parasite on A. fulva. (AWS) V.R.C.L.P. also.

Andrena albicans 4 ♂♂ 1 ♀

" *nigra* 2 ♂♂ 1 ♀.

" *jacobi* 1 ♀

" *fulva* 1 ♀ beautifully fresh

" *subopaca* ♀ R.C.L.P.

" *minutula* 2 ♂♂ 2 ♀♀

Nomada tipida 2 ♂♂

Carriekminn station

Co. Dull.

29/4/25.

None: hot sun.

Glencady, Co. WI.

apt. of 29/4/25.

Gold & little sun!

On bank of river

between Castle &

quarry, Millkeany

R. G. Philp.

29/4/25.

✓

Same locality as

last!

R. G. P.

31/4/25.

1/5/25.

Sunday 3rd May 1925 A very cold dull day with drifting rain at times from S.E. Spent afternoon in upper Liffey Valley at Kilbride, Blytheagh, Blessington & c. Very likely ground along deserted course of R. Liffey near (below) Kilbride Church & also near Blessington. *Salix aurita* in full bloom but no bees, except one ♀ *B. jonellus* seen at it.

Took on shell Braconid in house & O'Mahony brought me 2 ♀, one from St. Ann's & 1 from Kiltarragh (under chip, stones, refuse, etc.).

Halictus pygmaeus 1 ♀
Andrena albicans ♂♂ + ♀♀
 " *nigrocana* ♂
 " *jaesoti* ♂
 " *rosae* v. *eximia* ♂ + 5 ♀♀ very brightly coloured.
 " *praeceox* 5 ♀♀. ✓ R.C.L.P.
 2 sp. *Andrena*.
 Also *Bombus agrorum* ♀.

taken by R.A.P. (mostly on one bush of *Salix aurita*) at Tinnahinch, Co. Carlow, on 4th May 1925.

✓

On 8th May 1925 there emerged 2 ♀♀ of *Cryptus albatorius* taken from cocoons given me - autumn of 1924 by A.M. Gyron, taken by him at foot of tree near St. Columba's College, Co. Dull. From number of pupae of *Agrotis exclamationis* taken in same place, he believed the *Cryptus* had been parasitic on *Agrotis*.

Halictus calceolus 1 + 3.
 " *albipes* 1 + 3.
 " *pygmaeus*?
Andrena minutula ♂ + brood. 1 + 3.
 " *albicans* ♂♂ + ♀♀. 1 + 3.
 " *nigrocana* ♂♂ + ♀♀. 1 + 2
 " *jaesoti* ♂♂. 1. ✓
Bombus lucorum & *agrorum* ♀♀. only a few seen!

District n. of Daltryglan Co. Wicklow. 10/5/25.
 1. Grand pit at Tuckymill
 2. Moraine slope at 1 mile E. of Timolin (Ballycora rd.)
 3. Railway cutting & willow *Salix aurita* S. of Golden Fort House. all labelled G.S.S. "Tuckymill" 10th May 1925.

Halictus confusus 1 ♀
 on *Andrena* 1, 2 + 3.

A showery day, with short hot sun bursts!

Andrena albicans 6 ♂♂.
 " *jaesoti* 2 ♂♂ 1 ♀
 " *nigrocana* 1 ♀
Halictus villosulus 1 ♀.
 " *punctatissimus* 1 ♀
Bombus muscorum ♀.

Taken by R.A. Phillip at "Waterford" on 9th May 1925.

~~*Andrena subopaca* R.C.L.P.~~

Taken by R.A.P. at See 1926 Mountmellick, Co. Wick on 11th May 1925.

Halictus rubicundus ♀♀

" *calceatus* ♀♀

Andrena jaechi ♂ + ♀♀

" *lapponica* ♂ worn ♀♀ very ped. ^{v. *scythica*!}

" *albicans* ♂♂ + ♀♀

Nomada bifida ♂ + ♀

Dolerus binaculatus 5 ♂♂ 1 ♀. V.R.C.L.P.

" ~~*marginatus*~~ *aeneus* 4 ♂♂ V.R.C.L.P.

Dolerus scutiger 4 ♂♂ (1 kept L.R.C.L.P.)

Beetle:

A beautiful sunny day
with some misty clouds.

was sun in afternoon!

2 pm. to 5.30.

Deerpark

Borrisinacourt, WI.

14th May 1925
(1/2 day).

G.W.S.

Halictus calceatus ♀

Andrena albicans 4 ♂♂ 1 ♀

Nomada bifida 3 ♂♂

Salix fusca ♀

Taken by R. A. Phillipps

at Rosbercon, KK.

on 14th May 1925.

Salix fusca ♀

Halictus rubicundus 4 ♀♀

" *calceatus* 2 ♀♀

" *albipes* 3 ♀♀

" *tumulosus*

" *punctatissimus*

" *nitidiusculus*

" *lativentris*

1 ♀
each

Taken by R. A. Phillipps

at New Ross, WX

on 14th May 1925.

Cont.

R.A.P. New Ross, WX. 14th May 1925 cont.

Andrena albicans 12 ♂♂ 5 ♀♀

" *nigroscaea* 2 ♀♀

" *jaechi* 1 ♂ 3 ♀♀ v. *scythica*

" *subopaca* 2 ♂♂ + 6 ♀♀ R.C.L.P.

Nomada marshamella 1 ♂

Sphecodes divinus 1 ♀

Apis mellifica 1 ♀

Halictus albipes 1 ♀

" *punctatissimus* 1 ♀

Andrena albicans 3 ♂♂

" *nigroscaea* 1 ♀

" *jaechi* 1 ♂

Nomada marshamella ♂ taken by R.A.P.

at 9 p.m. on *Salix alba* ♀ at Milkeny. 15/5/25

Halictus rubicundus 2 ♀♀

" *albipes* 2 ♀♀

" *tumulosus* 1 ♀

Andrena albicans 1 ♂ 1 ♀

" *gryzans* 2 ♀♀ (1st hood)

" *sericea* 4 ♂♂

Apis mellifica 1 ♀

Leucopis sp. ♀

Leucopis arcuata 1 ♂ 1 ♀

also
atractodes
caudicornis ! 2

Taken by R.A.P.

at Waterford

on 15/5/25.

Taken by R.A.P.

in sand-pit at

Maryborough,

Queen Co.

on 17/5/25.

17.5.25 (Kilkeny, etc.)
A. Marshall 2 ♀♀

Halictus albipes 3♀♀
 " *freycassii* 4♀♀
 " *rubicundus* 3♀♀
 " *tumidus* 3♀♀
Andrena albicans 3♂♂ 1♀
 " *nigrescens* 1♀
 " *jacobi* 3♂♂ 1♀
 " *gryana* 1♀
 " *sericea* 7♂♂ 2♀♀

Taken by R.A.P.
 near Maryborough,
 Queen Co.
 on 17/5/25.

Tenthredo arcuata var. *melanoxyptus* Esler v R.C.L.P.
Tenthredopsis sp? ♀ R.C.L.P. 14.2.26! "Not seen by me before!" R.C.L.P. 14.2.26.
Attractodes cerebriformis

Hymenoptera taken (or seen) on northern trip
 22 - ~~June~~ May till 31 June 1925.
 Weather cold & stormy & poor all round!

22/5/25. *Alomyia debellata* ♂ on roadside
 between Dundalk & Ransmoreale, L.H.
Andrena fucata ♂ & ♀♀
Nomada ruficornis ♂ yellow bands on abdomen.
 Both in quarry N. of Dromore, Co. Do.

23/5/25. *Bombus lapidarius*, *B. lucorum*,
B. hortorum, *Psithyrus distinctus*
 all at Coondara, Donaghadee, L.D.

Also *Cladius difformis* var. (See litt. 14.2.26) v R.C.L.P.
 ? New to Irish list on wall flower bed outside dining room window at ca. 7 p.m.

25/5/25. *Odynerus pictus* ♂♂
Chrysis ignita
Bombus lucorum, museum,
terrestris, apron. all ♀♀
Tenthredinidae 4 spp.
Pachyramphus sticticus ♀ v R.C.L.P.
Dolerus nigricollis ♀, var. *torvus* rugosus, v R.C.L.P.
Tenthredo arcuata, typical ± v R.C.L.P.
Phaenocarpa sp.
Alomyia debellata ♂♂.

Gravel pit by
 road, 1 mile
 W. of Donaghadee,
 Co. Down.

26/5/25. *Bombus lucorum*, *terrestris*,
agrorum, museum, hortum
Psithyrus distinctus, very common
P. parvulus
Tenthredinidae
Dolerus picipes ♂ v R.C.L.P.
Phaenocarpa sp. ♂ on Alexander.

2 lanes &
 on the
 "Knoves"
 S. of
 Millisle,
 Co. Down.
 (N. of Gohern)
 Some sun
 but cold
 & windy.

Western trip cont.

27/5/25. Went to see Rev. W. J. Johnson at
Rosthorpe. Saw ♀ *Bombus lapidarius* & *lucorum*
in his front garden.

28/5/25. *Halicta freygessneri* & *albipectus* ♀♀
Andrena albicans 1♂

" *jacoti* ♂♂ & ♀♀

" *gurganensis* 1♀

" *fulvipes* ♂♂, ♀ seen.

~~Milliaria~~ ^{W.R.C.L.P.}
only dark *fulvipes*!

" *sambucifolia*
on Pig nut & Stickswort!

1♀ *stylifera* B.C.L.P.

" *subopacus* ^{R.C.L.P.} ♂

" *viridula* ♂♂

Bombus agrorum, *lucorum*,
& *terrestris* ♀♀

Psithyrus *fulvipes*

Centruroides

Dolerus 2 spp. { *Dolerus picipes* ♂, V. R.C.L.P.
D. aeneus ♂, V. R.C.L.P.

Athalia lineolata v. *cordata* V. R.C.L.P.

Pteronidea myrtilidis ♂ & ♀, V. R.C.L.P.

Stenomacrus

Attractodes

Cryptus 2 ♂♂

Hyler

near

Glyptotendipes

H. (H.)

G. (G.)

29/5/25. In Belfast all day!

30/5/25. at Buncrana, Co. Donegal. A dull day
with pale & showers. Mr. Crawford has reported
♀ *Bombus lucorum* (torpid) on cliffs!

31/5/25. Ballycastle to Bushmills via Fair Head.

Bombus lucorum ♀♀ seen: one torpid half way down

✓ *Freya* *maia* *Pitt* at Fair Head.

" *agrorum* ♀♀

Ichneumon *lineator*

Pimpla ♀ on hotel wall at Bushmills.

1/6/25. Glenties to Larne.

Bombus lucorum ♀♀ seen.

✓ " *agrorum* ♀♀

" *terrestris* 1 ♀ seen.

Millisle: 2.6.25.
Holcozena lucida V.R.C.L.P.
Rhyssalus anceps " "

2/6/25. Millisle & Herdston as before: much better

sun but no bees seen other than "Bombs"

at Millisle *Pitt* *maia* *decipiens* ♀♀ outnumbered

♀ *lucorum* by about 10 to 1.

Odynerus picipes seen at Herdston, but

no solitary bees to be seen!

3/6/25. Donaghadee to Dublin. A dull day.

✓ One ♀ *B. hortorum* on *Agrostis reptans* seen at
Reservoir, L.H.

collected by S O'Mahony ^{June} May 1925.
 17/5/25. *Dolerus aeneus* ♀ V.R.C.L.P.
Pachysmectus clittellatus ♂ & ♀ V.R.C.L.P.
 19/5/25. *Schneumon* ♂ Killbarrack.
 24/5/25. *Tenthredopsis morosa* ♀ } St Anne's
Dolerus picipes V.R.C.L.P. } Clontarf
 4/6/25. *Dolerus aeneus* ♀ V.R.C.L.P. }
"has the smooth polished spaces of each side of ventral area less distinct. These polished spaces often occur in species supposed not to have them at all!! & if considered apart from other characters are a source of delusion!" V.R.C.L.P. in litt. 14.2.26.
 Killbarrack.

collected by R.A. Phillip ^{June} June 1925.

27/5/25. Nenagh, Co. Tiffny.
Halictus albipes ♀
Andrena fucata ♀
Schneumon (brought)
Bombus ♂
 1/6/25. *Tomada livida* ♀ } H. Riverstown, ✓
Atthalia lineolata V.R.C.L.P. } Co. Cork. East Cork
Schneumon } on flowers of *Euphorbia hiberna*!
 2/6/25. *Empythis pallipes* ♀ var. } Gardiner's Hill, Cork E.
 4/6/25. *Halictus rubicundus* 2♀♀
 " *freygessneri* 1♀♀ } Berriskane,
 " *tumulosus* 1♀ } W. Tiffny.
Andrena fucata 3♂♂ & 2♀♀
 " *subpicea* 1♂♂ & 2♀♀
Tomada nebulosa 1♀♀
 " *flavoguttata* 1♀
Apis mellifica ♀ & *Tenthredo arcuata* 2♀♀
 V.R.C.L.P.

Symphis *Tenthredella temula*
~~*arcuata*~~ *reagrabia* seen in Harton. ①
 " *arcuata* seen. ①
Tenthredella livida V.R.C.L.P. ① } Portrane. Co. Du.
Taxonus glabratus V.R.C.L.P. ① } 6/6/25. with
 or *Remmenculus scleratus* } S.N.F.C.
Prisphorus padi V.R.C.L.P. ① } Lane from Donabate
 to Cortallin Ho. ①
 " " " " } The Island ②.
 " " " " } Joyous day!

Tenthredinidae: *Empythis*
Strombocerus deliatus ♂, 2♀ V.R.C.L.P. } Glenree, Co. WI.
Dolerus aeneus V.R.C.L.P. } Slope from old road
 down to the Open Wood.
Schneumon ♂ & ♀ } 7/6/25.
 Late aft. of joyous day!

Sphex *monilicornis* ♀ V.R.C.L.P. } Deer park at
Loderus palmatus 1♂. V.R.C.L.P. } Powerscourt
 " *rotigialis* var. *hiberica* 3♂♂ V.R.C.L.P. } 7/6/25.
Dolerus aeneus, *picipes*, *gessneri* (V. common), }
 " *binaculatus* (V. common, amongst rushes & *Equisetum* }
 by the river 1/2 mile below fall!). all V.-R.C.L.P. } Midday of a
 joyous day!
Andrena fucata ♀ *Halictus freygessneri* ♀
Alomyia debellator ♂ & other spp. *Schneumon*
 red ♂
Spheroptera rufiparum!

Tenthredella temula ✓ R.C.L.P.
Alantus singularis ♂ on Hawthorn.

Selandria fustenbergensis ♂ + ♀ ✓ R.C.L.P.

Odynerus pictus ♀

Sphecodes affinis ♀♀

Halictus ~~montanus~~ ~~altus~~ ♀

" *calceatus* seen.

" *rubicundus* seen ✓

" *tumulosus* seen.

" *punctatorius*.

Andrena albicans ♀ on Hawthorn

" *jacoti* ♂♂ seen ♀

" *saundersella* ♀.

Nomada maculosa ♀♀ seen.

Fabiana ♂ ✓ R.C.L.P. ? form parasitic on
" *A. angustior*?

collected by E. Puckering at St Anne's Clontarf

Priophorus padi ✓ R.C.L.P.

Tenthredopsis sp. ?

Rocky Valley, Co. WI.

11 AM till 1 PM,

gylorion day!
7th June 25.

too early in

day for

Rocky Valley
+ too many notes
on Sunday.

on 10/6/25.

Ballyman Glen (Old Connaught Rd)
Co. Du. A.W.S.

Tomostethus luteiventris ♀ ✓ R.C.L.P. 8 PM. on 8/6/25.

Samples: *Dolerus aeneus* ✓ R.C.L.P. *Dolerus gemeri* ✓ R.C.L.P.
Pontania leucosticta ♂ ✓ R.C.L.P.

Empria (Poculoroma) liturata ✓ R.C.L.P.
Stenoplecter conpulatus ♂ + ♀♀ ✓ R.C.L.P.

Chneumonidae 8 spp

Upper
Glenasmole
(mostly along
Slade Brook

from 600ft.

to 1,000ft.

Co. Du.

A.W.S.

9/6/25.

A gylorion day!

1 with

repeating!

Halictus albipes ♀♀.

Andrena fucata ♂♂ + ♀♀ ✓ R.C.L.P.

" *capponica* 1 worn ♀ ✓ R.C.L.P.

" *jacoti* seen

" *vilkella* ♂♂ + ♀♀ seen
[or ? *ovata* ?? ♀♀ seen]

" *subopaca* ♂♂ + ♀♀ } Both very common at

" *saundersella* ♂♂ + ♀♀ } Brown + Blue bells!

Nomada flavipunctata ♀♀

" *rupestris* small. 2 ♂♂ 1 ♀ + v. dark.

Bombus ~~terrestris~~ ♀♀ seen

R.C.L.P. She says
they are unlike
any form he
has seen +
wants investigating

Collected by R.A. Phillip June 1925.

Portumna, S. Galway, 7/6/25.

Halictus rubicundus, calceatus, albipes, pygmaeus

Andrena albicans ♀♀ *jaesi* 1♀ *pygmaea* 2♀♀

Vespa rufa ♀

Nomada maculicollis ♀♀

Bombus jonellus ♀

Psithyrus campestris ♀ type

Leptothorax acervorum ♀

Woodford, S. Galway, 9/6/25.

Schneumon deliratorius ♀

Ballycrissane (sand pit), S. Galway, 11/6/25.

Halictus albipes ♀

Andrena albicans ♀

Odynerus pictus ♀

Sphex affinis ♀

Lisarrow (quarry) S. Galway, 11/6/25.

Odynerus pictus ♀

Salix fusca ♀

Nomada maculicollis 1♀

" *pipida* 3♀♀

Tenthredoanis inornata ♀ ✓ R.P.P.

Ballinasloe, S. Galway, R.A.P. 12/6/25.

Halictus albipes 2♀♀

" *tumulosus* 1♀

Andrena nigroaenea ♂ very worn.

Pompilus nigerrimus ♂

" ? *gibbus* ♂ seen (a red bodied species)

Sphex affinis ♀

" *divinator* ♀

Halictus tumulosus ♀

" *smathanaellus* ♀; black abdomen.

" *rubicundus* ♂ seen. ✓

Andrena nigroaenea, 1 very worn ♂.

" *jaesi* ♀

" *saundersella* ♀

Psithyrus campestris, almost black var.

Pompilus sp.

Conocentrus sp.

2 spp of *Phaenocarpa*

Ballyhenry

Quarry,

Co Wicklow.

14/6/25.

Sunday.

11.30 till 12.30 noon

a glorious day!

Glen N. of

Kilpeddar,

Co. WI. 14/6/25.

6 p.m. still sunne
& hot!

Vespa rufa ♀ + ? ♀ seen.
Odynerus pictus ♂♂
Halictus albifrons seen.
Sphecodes affinis ♀ (destroyed).
Nomada ruficornis ♂.
 " (*trifida* ♀) seen ? sp. ✓
Crabro dimidiatus ♂♂ very common.
Tenthredinidae
Dolerus niger ♀ ♀ ✓ R.C.L.P. C.L.P.
Pamphilius hortorum ♀ ✓ R.C.L.P.
Tenthredo lina ♂♂ ✓ R.C.L.P. C.L.P.
 " *mesoclas* ♂ ✓ R.C.L.P. C.L.P.
 " *arcuata* ♂♂ ♀♀ seen.
Athalia lineolata ✓ R.C.L.P.
Dineura testaceipes ♀ ✓ R.C.L.P.

Schneuwini sp., ca. 15 spp. Braconid. 1 sp.
Tryphon sp.

Devils Glen
 (from bottom to
 above fall).
 Co. W.
 1 till 4 P.M. on Sunday,
 14/6/25.
 a glorious day
 for insects!

North Ireland
 Varied ✓ R.L. Coe in Aug 1952.
 A.W.S.

Septera: *Nyctelia* *lenta* Coleoptera: *Glyptus arcticus* on flowers
 of Nat. Oak Tree near Waterfall.
 Odonata: *Calopteryx virgo* ♂♂ ♀♀

Vespa rufa ♀
Halictus albifrons ♀
Andrena jacoti, worn ♀♀ quite common
 on *Aenanthe crocata* & Hawthorn
A. albicans ♀♀ on Aenanthe,
 Hawthorn (& Scotch Rose in
 Dr. Murray's garden on Waterford
 side of River!)
Nomada maculosa 1 ♀.
Dolerus nigricornis ♀ ✓ R.C.L.P. } Both "asleep"
Tenthredo sp. ♀ } on Aenanthe flowers.
Eucampyloides ovata ♀♀ on Alder ✓ R.C.L.P. ✓
 Braconid 1 sp.
Schneuwini sp.

North bank of Suir
 for two miles below
 Clonmel, S. Tipperary
 A.W.S. 16th June 1925.
 12 noon till 2.30 p.m.
 All sun most of the
 time, but a very
 strong keen wind.

An *Schneuwini* hatched out of pupa-case taken by
 M.S.D. Vestroff "in wall at Clonmel" Du.
 in April 1925.

collected by P. A. Phillip near Ballinacree
Cos. S. Galway & Roscommon. June 1925.

Halictus rubicundus ♀

" *calceatus* ♀

Schneumonidae ♂

Pteronidea ruficornis ♀ R.C.L.P.

Ballinacree, S. Galway
13/6/25.

Andrena albicans 4 ♀♀

" *nigrosarcea* 1 ♀

" *jacoti* 2 ♀♀

" *foveata* 1 ♂

Tenthredinidae

Tenthredella atris R.C.L.P.

Pachyprotia rufes R.C.L.P.

Tenthredella confinis ♂ R.C.L.P.

Schneumonidae ♂

near Ballinacree,
Co. Roscommon.
14/6/25.

^{i.e. 4 ♀♀}
"The larger bees from flowers
of *Rhennus catharticus*"
P. A. P. in litt.!

Pompilus niger ♀. ♂ seen in brackets.

" (*spissus*) ♀ seen but ? species.

Crabro cetratus ♀ entering hole in stump
^{captured by stone.}

" *vagus* ♂ at foot Alder tree!

Verpa rufa ♀♀

Sphacodes affinis ♀ seen.

Halictus calceatus ♀♀ seen. ✓

" *rubicundus* ♀♀ seen.

Andrena (subopaca?) ♀ seen

Nomada flavipunctata seen at same place.

Dolerus bimaculatus ♂♂ & ♀ but not

nearly so common as before.

Tenthredella rosacea & *brida* R.C.L.P.

Selandria flavescens ♀ R.C.L.P.

Tonnoletus lateralis ♀ R.C.L.P.

Schneumonidae ♂

Glypta elongata Halgr. ♂ & ♀. ^{FASS. & AR.!} Dark var. (ARoman.)

Panchar femoralis Thoms. ♂. Roman NO. 117.

Deerpark,
Roscommon
W.I.

Aft. of fine
sunny day
with keen wind
not much out!
Sunshine nearly
over!

19 June 1925.

Pentapleura confinis ♀
taken at Deerpark, W.I.
on 19/6/25.

Andrena jacobae var. ♀ } Quarry & roadsides N. of
Schneumon } Magherabeg, Co. WI.
Athalia lineolata ✓ R.C.L.P. } A.P. 21/6/25. morning.

Pompilus gilvus ♀.
" *nigerimus* ♀.
" *plumbeus* ♂ & ♀ seen.
Tachytes pectinifer seen.
Ammophila lutearia ♂ & ♀♀.
Ceropalus maculatus.
Cyrtus werneri ♂ & ♀♀.
Andrena sericea ♀♀
Lucorum ♀♀ + 1 ♂ ✓
" *terrestris* ♀♀.
Prithyrus rufestris 1 ♀ seen.
" *affinis* *Schneumon*.
Athalia lineolata ✓ R.C.L.P.
Selandria stramineipes ♀ ✓ R.C.L.P.

Sand hills at
Butter Bog,
Co. WI.
Windy & sunny!
A.U.S.
Midday 21/6/25.

Pompilus gilvus ♀
" *nigerimus* ♂
Crabro varius ✓
" *vagus* ♂
Hylaeus ruficornis ♂ ✓ R.C.L.P.
Tenthredinidae *Arge fusca* ♀ ✓ R.C.L.P.
Tenthredo lineata ✓ R.C.L.P.

Woods along
stream -
Deputy's Pass,
Co. WI.
A.P. 21/6/25.
Sun only at
intervals!

Ehneumonidae & *Tenthredinidae* ♂:
Mesoleptus *typhae*? 2 ♂♂
Flying over sedge & in drain!
Small ♂♂ *Schneumon* *affinis*?
Loderus verticillatus & *hicoloris* 1 ♂ ✓ R.C.L.P.
Tonnothrus luteiventris? All about Co. Du.
Eristalis cryptarum (Dipteron)
Co. WI.

Ballybetagh,
Co. Du & WI.
Evening 24th June '25

Single species of *Schneumon* *Kildare*?
taken at Carton, Co. Meath in evening of 25/6/25.
Some very likely ground here for *junceus*!

Schneumonidae ? aff.
Swift - Bloyhoge Bog 1/2 mile
below ruins of barracks, Military Rd.,
Co. WI. A.U.S. 28/6/25.
Blattaria pectinicornis var. ♂ ✓ R.C.L.P. Co. 1300 ft. alt.

Pompilus gilvus ♀
" *nigerimus* ♂ ? seen.
Crabro dimidiata ♂♂ & ♀♀
" *palustris* 2 ♂♂
" *varius* 1 ♂ ✓
Loderus *sericeus* ✓ R.C.L.P.
Chytrus ? 3 specimens ♂ seen.
Small black red *Andrena*.

Riverride by Ford
about 3 miles below
waterfall in
Glenmacnow, WI.
A.U.S. 28/6/25.

Odynerus (? ♂ pictus) seen.
Andrena ? picta 2 ♀♀
" rubripes 1 ♀.
Tenthredo flavipennis
Tenthredo sp. ? ✓ R.C.L.P.

Roadside at Ballybeg Br.
N. of Clara, Co. WI.
A.W.S. 28-6-25.
NB. Boggy stream side both
Althaeum caeruleum +
Pinguicula lusitanica!
Dry heathery margin along road to E.

Pompilus nigerrimus ♂
Prithyrus quadricolor 3 very fresh ♂♂
along road through oak wood.
Tenthredella livida ♂♂ ✓ R.C.L.P. ✓
"balteata ♀ var. nov. stigma between that of balteata + ferrug.
Tenthredon livida dark form of ferrug., not reported
of balteata. R.C.L.P. on label!
Pimpla ♀
Alomyia debillator, red form.

Various localities
between Clara
& fork of road
just N. of
"Garryduff
Cross Roads"
Co. WI.
A.W.S. 28/6/25.
A hot day (flying very
bad) but no sun till
4 p.m. afterwards
hot bursts.

Abia sp. ♂ taken at Garryduff but lost!

Collected by P. G. Phillip

Tenthredo arcuata
Andrena albicans 1 ♀
Halictus albipes 3 ♀♀
Near Galway,
Co. Galway N.
19/6/25. ✓

Tenthredo arcuata
Athalia ✓ R.C.L.P. ✓
Odynerus pictus ✓ R.C.L.P. ✓
Pompilus gibbus 1 ♀, small.
Sphecodes affinis 1 ♀
Andrena jaesti 1 ♀ ✓
v. restica.
Schneuwendae

Near Gort, S. Galway.
28/6/25.

Together with
Grizzled Skipper.
Galway Burren.
Wood White
♂

Cynipidae.
2 ♀♀.

Odynerus 3 marginatus ♂♂
Colletes piceitarsis ♂♂ + ♀♀
Sphex affinis ♀
Pimpla sp.
✓

Pompilus ruficornis ♂♂ + ♀♀
" *gibbus* ♀ very worn. ✓ R.C.L.P.
Tachyphor pectinifer ♀
very large & worn: the first I
have taken inland! ✓ R.C.L.P.

Salix rostrata: 2000 (♀) on bank
where we had lunch!

Crabro dimidiatus brought by
Rev. J. Foster. ♂♂ + ♀♀. ✓ R.C.L.P.
" *peltaria* ♀♀, just below bridge.
" *maculata* ♂♂ small black
form, on oak at lunch place.

" *varius*. Rev. J. Foster & A.W.S.
" *podagricus* 1 ♂ taken in ✓ R.C.L.P.
bramble at entrance gate
to path below bridge.

Odynerus pictus ♂♂ + ♀♀
" *siomatus* ♀ ✓ R.C.L.P. on stump of
fired & dead Holly at lunch place

S. cliffs of North
W. of path, below
East cliff. etc.
A.W.S. 1-7-25.

Left bank of
Aronmore from
Clara Bridge to
foot of Brynhyrre Riv.
(above Rathdrenn)
C. W. A.W.S. 5 July 25

[Including some species
brought me from this
locality the previous
week by
Rev. J. Foster!]

Hylaeus sp. [? *confusus*] ♂
seen on Bramble at 2.
Halictus rubicundus ♀ at 3.
" *calceatus* ♀ at 3.

Andrena fucata ♀ (worn) at 3
on Bramble plant.
" *tarsata* Very abundant on
sand flat at 4. Rev. J.
Foster & also A.W.S. ♂♂ ♀♀.

" *coitana* ♀ on *Ranunculus*
flammula at 4.
Nomada ruficornis ♀ at 1. ✓ R.C.L.P.
Megachile versicolor ♂ on
plants at 2. ✓

Bombus jonellus ♀♀ }
" *terrestris* ♀ } all very
" *lucorum* ♀♀ } rare!
" *agrorum* ♀♀ }

Abia sp. ♀ seen on oak at 4
Tenthredopsis lineata ♂♂
" *fulvipes* ♂ ✓ R.C.L.P.
Atthalia lineolata ✓ R.C.L.P.

Pompilus spinus ♀ taken by Canon Foster on summit of
Carrick Mt. Glendy. W.I. on 29.6.25. ✓ R.C.L.P.

Clara continued: 5/7/25.
1 = Road N. of Clara Bridge
2 = Path down to river from 1 to 3
3 = Grand speed along river
for 100 yds. below bridge.
4 = Sandy area by river
1 mile below bridge.
NB. at a stump at 1 Mr.
Foster reported seeing a
large "plush" bee. I have
little doubt it was a
♀ *Megachile*! A.W.S.

Chelonus ♂ taken in Hollywood Glen, W.I. at 8 p.m.
on 7/7/25.

N.D. Juncus in full flower on this date.

Myrmica melanocephala ♂ taken

flying over sand slope below "cliff"
in sand pit below Timmahuit,
just above Dargle, N. side of
river! Near to Inland.

Crabro dividialis ♂♂.

" *W. maculatus* ♂♂, mostly
small + black.

" *cariponus* ♂♂ at stump
S. of River.

Odynerus sinuatus 2 ♀♀ ^{VRCLP}
near gate, on bank.

Halictus albipes 1 ♀ seen.

Sphaeromydas

Tenthredinidae

Atalapha lycor VRCLP

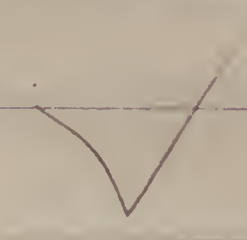
" *lineolata* ♂ seen

The Dargle (ferry
gate near Timmahuit
to top of glen)
S. side of River
& sand-pit
on N. side!

G. W. S.

Sept. 8/2/25.

Hardly any sun
I rain later
but very warm!



Two Ichneumonidae by canal at Blanchardstown,
Co. Du. G.W.S. evening of 11/7/25.

Campoplex maculatus

Pompilus ruficornis 1 ♀ at 4.

Salix notatula 1 ♂ at 4

Mellinus arvensis 1 ♂ at 2.

Promethes pallipes 2 ♂♂ at 1 or 4?

Crabro cariponus 1 ♂ at 1

" *chrysostomus* 2 ♂♂ at 2.

" *W. maculatus* ♂♂ common at 1+4.
mostly small + dark.

" *podagricus* 1 ♂ flying to
flora of *Oenanthe crocata*! at 2.

" *varius* frequent. at 3 + 4.

" *claripes* 2 ♂♂ at 2 + 4.
Halictus albipes + *calceatus* ♀♀ seen
at 3.

" *ruficornis* ♂♂ in abundance
where were the Sunday before! at 3 + 4.

Andrena flaviventris 1 ♀, very warm. at 4.
juvata ^{VRCLP} _{very dark form. A.W.S.}

" *coitana* 1 ♀ at 3.

" *tarsata* 1 ♂, more seen! at 4.

Phaenocarpa *tricolor* ^{VRCLP} at 3.

Aspilota of *...* at 1.

Sphaeromydas *...* at 15 spp. ✓

Left bank of
Avonmore
from Clara Bridge
down to sand-bank
1 mile below same!
G.W.S. Co. DU. 12/7/25.

1 = bank of road & tree
stumps N. of bridge.
2 = path down to river from
1 to 3.
3 = gravel flat below
bridge.
4 = sandy area 1 mile
below bridge.
mostly round barked tree
stumps along river bank.

A very hot day but
not much sun.
12-30 till 5 p.m.

Bombus pumilus 1 ♂
Crabro palmipes 3 ♂♂ 1 ♀ on wild
cannot be same bank as taken in 1922.
Bethylus fuscicornis running on tent-plant
Ichneumonidae

Rust sandhills
near Ryeaston
Co. Du.
Friday: very hot
but no sun.
13/7/25.

Ichneumonidae
Braconid
Megastichus villosus ♀

Garden at Mayfield,
14 Clareville Rd, Rathgar.
A.W.S. 13/7/25.

Ichneumonidae
Braconid

N. end of Glen of the Downs
where stream enters
from west. Co. WI.
A.W.S. aft. 16/7/25. Dull.
rain

Crabro varius
Megastichus villosus ♂
Ichneumonidae

Garden at Mayfield,
14 Clareville Rd.
Co. Du.
A.W.S.
Evening 17/7/25.

Braconid

Ichneumonidae 6 off.

Devil's Glen
Co. WI.

A.W.S. 19/7/25.
A dull day with
drifting rain
till aft., then
a few short-
sun-bursts!

Many ♀♀ of *Bombus agrorum* &
lucorum seen. A few
of *B. hortorum* & *muscorum*.
Several ♀♀ of *B. lucorum* still
at work!! NB. No *B. lapidarius*!!!

Pteromalidae melanocepus 30/7/25. V.R.C.L.P.
Ichneumonidae

Garden at Mayfield,
14 Clareville Rd.
Rathgar, Du.
Evening of 21st July
& subsequent dates
till end of month.

Megastichus centuncularis ♀. V.R.C.L.P.

Taken by R.A.P. in
garden of hotel at
Templemore, NT.
on 17.7.1925.

Salix exaltata ♂♂, ♀ seen at 2

Myrmica melanoccephala ♂ at 3
in same spot as previous ♂ taken!

Crabro. campestris ♂♂ at 1.

" *vagus* 1 large ♂ at 1.

" *chrysochloris* ♂♂.

" *iv. maculata* ♂♂ & ♀♀ at 3.
many small black ♂♂.

Pellinus arvensis ♂♂ & ♀♀, at 2 & 3.

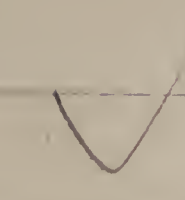
Athalia lycopi ↓ RCLB at 2.

Tenthredo nasuta ♂♂ & ♀♀ at 2. ↓ RCLB.

Andrena denticulata ♂ at 2

Schneumonidae ♂.

A large black sp. with white bands on antennae seen amongst Iris! *Psiloptera*?
about 13 off.



Beetle: *Microtus* sp ♂ with red & black abdomen.

The Dingle, near

above the forge.

W.I. 22/7/25.

Aft. very warm but little sun!

1 = round fallen trees

amongst bracken

S. of river.

2 = between 1 & 3 along

S. bank of river.

3 = sand pit at

angle of river on

N. bank.

Schneumonidae ♂.

Athalia lineolata ✓ RCLB.

Pompilus gilvipes ♀ wing 10 mm off.

Habitus several sp. seen in quarry.

Schneumonidae ♂.

Pimpla turinellae ♂.



Dunroan Glen (upper end)

26/7/25. G. W.I.

Very warm & full of flies! After rain.

Thorough at

Killopther, G. W.I.
aft. 26-7-25.

& quarry inland

side of coast road

north of road

down to Killopther.

a place to be visited

again.

All labelled

[26/7/25]

ARKLOW TRIP: AUGUST 1925.

Colletes
Pompilus
C. tumidus
C. caesus
C. ...

1st August (Sat.) a very
showy day with little sun.
Roadside near Buckrossy House
6 miles N. of Arklow, Co. WI.
A.S. Labelled "Arklow district
1 Aug. 1925. A on facts."

- Bombus lapidarius* ♀♀
- Bombus terrestris* ♂♂
- Bombus lucorum* ♂♂ & ♀♀
- Bombus hortorum* ♂♂ & ♀♀
- Bombus distinguendus* 1 ♂
on thistle
- Bombus terrestris* ♂♂
- Bombus agrorum* ♀♀
- Psithyrus rufus* ♂♂
- Psithyrus barbatus* ♂♂
- Psithyrus campestris* ♂♂
- Salix exaltata* ♀
- Halictus ...*
- Cyphus elongatus* ♀
- Zootrephes "rufiventris" Grav.* ♂♂, 2 ♀♀
- Homocidus signatus* 1 ♂ ?

1st August: 7-8-30 p.m.
evening: cold, but
a little sun!
In fields behind
Merton Ho.,
Ferrybank, Arklow
A.S. C.U.I.
Labelled as last but
"B on facts"

✓

- Vespa rufa* ♀♀ seen.
- Vespa ruficornis* ♂♂ & ♀♀ seen.
- Vespa norvegica* ♂♂ & ♀♀
abundant near Woodstock.
- Habitus ruficornis* ♂♂ seen.
- Habitus calceatus* 1 ♂.
- Andrena critea* ♀♀ on *Angelica*.
- Bombus muscorum* ♂
♂♂ as before.
- Ichneumonidae* ♂♂
- Ichneumon confusus* 1 ♂, *Ichneumon ...* 1 ♂

2nd August-1925
Roadside from
Arklow to
Ballygriffin Ho.
(3 miles W. of Arklow)
morning: very windy
& only some sun!
Labelled "Ferrybank
2/8/25 A"

✓

Bombus before and also

B. jonellus 1 on branch.

Vespa germanica or vulgaris? ♀ seen.

" ruficornis ♂♂ + ♀♀ seen.

Cerophala maculata on Angelica.

Meloboris arvensis ♂
Tachinid ♀ under stone in yard.

Tenthredinidae

Atalapha lineolata (R. & C.) ✓

Ichneumonidae ♂?

Pimpla *intertexta* ♂ (1st found) ♀ *longicornis* ♂
P. maculata ♂ (2nd found) ♀ *longicornis* ♂ (1st)
Stenomacrus *signatus* ♂

Leaves of ash tree much "tattered" by some
sp. of *Myzocleptus* (or *Myzocleptus*!) *M. xanthus* taken on wood
seen in yellow pine!

2nd August 1925.

Afternoon:

no sun!

Rough ground

along coast

& inland of

road at S. of

Essexville Br.

N. of Arklat.

~~Puck's bridge!~~

3/8/25 B.

3/8/25.

Banks of Arroona

N. of meeting of

the Waters, Arroca,

C. W. A.S.

Morning: misty

rain; very warm

one or two glimpses

of sun!

Labelled *Andrena* *distans*
3/8/25. ♀ seen
at Arklat. A.
taken on wood with
A. Jonellus!

Bombus: nothing seen!

Halictus leucopus ♂♂ on *Scabiosa*.

Andrena rotunda ♀♀ common.

" *denticulata* ♂♂ on *Solidago* ♂.
Nymphae *sternipennis* 1 ♀ hanging by *Scabiosa* *flava*.
Crabro *devidiana* 1 ♂ on *Solidago* *flava*.

Tenthredo *arvensis*, common.

Ichneumonidae ♂?

12-13-25 B.

Odynerus *marginatus* ♂

Crabro *varius* ♀

Vespa vulgaris (nest).

Halictus rubicundus ♂ seen. ✓

"
Ichneumonidae ♂? *Pimpla* *distans* ♂
3/8/25 B.

3/8/25. aft.

HOT: misty rain
no real sun.

E. bank of Arroca

river 1/4 mile below

Arroca, C. W. A.S.

A.S.S.

Labelled *Andrena* *distans*
3/8/25. B.

Strangalia aurulenta taken flying.

Pompilus gilvus ♂♂ + ♀♀.
phurcus ♀♀.
Ceropalus maculatus ♂♂
Gorytes tumida ♂ ^{✓ R.C.L.P.} ^{✓ Vild. Carst!}
 ? - first record! (Tramou, WA. 1925)
Mellinus arvensis ♀♀ carrying
Scatophaga + "green fly".
Chyrenus "rest" seen + fruits in
 cells: also a dead Ichneumon!
Chyrenus nigrita: 1 very small, seen. ✓
Proctos *hyalinatus*, 3 ♀♀ on *Juncus*.
Spheroctonus *hyalinatus* *affinis* ♂♂ + ♀♀.
Halictus rubicundus fresh ♀.
 " *meathmanellus* ♂ + ♀.
 " *punctatissimus* ♂♂ + ♀♀.
 " *villosum* ^{✓ R.C.L.P.} ♂ + ♀. ?
 " *tumidum* ♂ seen.
 " *albipes* ♂ ✓
Bombus lapidarius ♀♀ + ♂♂.
Ichneumonidae + ?
Selandria serena 2 ♀♀ ✓ R.C.L.P.
Euphytes (Allerton) *concolor* ♂ ✓ R.C.L.P.
Pezomachus *stigmator* ♀. (like *stigmator* ♀ *stigmator* ♀)

4/8/25.
 A warm day with
 2 looms seen in
 morning.
 11.0 till 4.0 pm
 Low dunes &c
 S. of Arklow (old).
 i.e. ^{Arkinenny} ~~Arklow~~
 Bay.
 Co. WI. ASD.
 Some labelled Arkinenny
 L. home
 Arklow District
 4 Aug 1925

Two small Ichneumonids captured - "Morton" - see table of labels!

5/18/25. Misty rain all day!

Salix exaltatus ♀ very large.
Crabro leucostomus 3 ♀♀
 " *caripronus* 2 ♀♀.
 " *regius* ♂, 2 ♀♀.
 " *varius*.
 " *iv. maculatus* ♂ + ♀. ✓
Mellinus arvensis ♂♂ + ♀♀
 - extreme abundance.
Halictus rubicundus, ♂♂ + old + new ♀♀.
 " *calceatus* ♂♂.
 " *albipes* ♂.
 " *leucopus* ♂♂. ✓
 " *punctatissimus* ?
 " *villosum* ♂ ✓ R.C.L.P.
Spheroctonus affinis 1 ♂ ✓ R.C.L.P.
Andrena scitana ♀♀ abundant.
 " *denticulata* ♂.
Nomada rufipes 1 ♀.

6/8/25.
 "Meeting of the Water"
 banks of Aronmore,
 both above & below
 bridge leading to
 Castle Howard.
 Co. WI. ASD.

Labelled
 "Beetle 1."
 6/8/25
 6 specimens labelled
 "M. scitana,
 Aronmore,
 6-8-25."

Cont. on next p.

Ichneumonidae & c.

Glypta evanesens Retz. 1♂ VANS & AR.

Gleniscus curtus Hal. ♀
(vide J. J. Krombein, Sept. 1950.)

6/8/25.

"Meeting of the Water"
Continued -

7/8/25. Heavy misty rain nearly all day.
Mellinus arvensis ♀ seen N.E. of Castlebridge
Co. Wexford. J. J. Krombein
with ♂ ✓

Pimpla plumbea ♂♂ & ♀♀.

Ceropales maculata ♂♂ & ♀♀.

Salix enallata ♀♀.

Oxytelus unigularis 1♀ on Asphodelus.

Crabro weanae

Golletia claripes 1♂ on wild carrot.
Golletia fulvipes ♂♂ & ♀♀.

on matricaria inodora.

Sphex ♂♂ & ♀♀.

Halictus ruficornis ♂♂ & ♀♀.
" meathmanellus ♂ seen ✓

Pristiphora ruficornis ♂
Ichneumonidae ♂♂.

Pimpla ♂♂ & ♀♀.

Glypta ♂♂ & ♀♀.

Glypta ♂♂ & ♀♀.

Glypta ceratites ♀ VANS & A.R.V.

Pristiphora ruficornis ✓
~~...~~

8/8/25.

Till 3 p.m.
Sand-dunes &
"cliffs", N. & S.
of Nigen Head.
Co. WI. ASD.

A fine day with
hot sun but
very windy (E).

Labelled
Glypta
8/8/25.
A.

Simple Hymenoptera on list

Crabro varius

Mellinus arvensis

Sphacodes ducis ♀

Ichneumonidae ♂

8/8/25. Afternoon

Warm, sunny.

Shelton Abbey demesne

W. of garden.

Co. WI. ASD.

Not much good!

Some labelled (Archives district)
8-8-25
TB

Ichneumonidae cont.

Glypta ♂ ?

9/8/25. continued

Compilus plumbeus ♀♀

" fittus seen

Ceropalus maculatus ♂♂ & ♀♀ seen.

Ammophila luctaria ♂, 3 ♀♀, work!

Crabro varius ♂ in lane.

" vesmali ♀ on dunes.

Halictus swainsonellus 1 ♀ on coast.

" rubicundus ♂♂ & ♀♀ "

Sphacodes affinis ♀, large. ✓

Colletes picistylus ♂♂ & ♀♀ on

Matricaria N. of Enniscorthy Bridge
1 ♀ on Achillea millefolium S. of plant.

Athalia lepta ♂ R.M.P.

9/8/25.

Coast N. & S.

of Enniscorthy

old church

(Pennycompsick

Bridge of O.S.)

Friday: very

stormy but sunny

Some labelled

(Archives district)
9 Aug. 1925

Compilus nigerrimus ♀♀, at 4.

Salix exaltata ♂, ♀♀ seen, at 4.

Crabro varius, at 1 & 4.

" iv-maculatus, black ♂♂, at 4.

" podagriscus ♂♂ & ♀ at 2.

" or angelica!

" vagus ♂♂ at 1 & 2. ✓

Mellinus arvensis ♂♂, at 2 & 4.

Halictus rubicundus ♂♂, at 4.

" calceatus ♂♂, at 4.

" albifus ♂♂, at 4.

" frugiperis ♂♂ & ♀♀, at 4.

10/8/25.

N. bank of Avonmore

at Clara Bridge

Co. WI. ASD.

as before

1 = roadside.

2 = path to river.

3 = river below bridge

4 = sandy area 1 mile

below stream.

5 = N. bank upstream

above bridge!

Holictus tumulorum ♂♂ seen at 4.
" *leucopus* ♀.

10/8/25 cont.

Clara cont.

Sphacodes ♂ at 5.

Andrena marginata 1 fresh ♀
or *Scabiosa muscivora* at 4.

Psithyrus distinctus ♀ at 4.

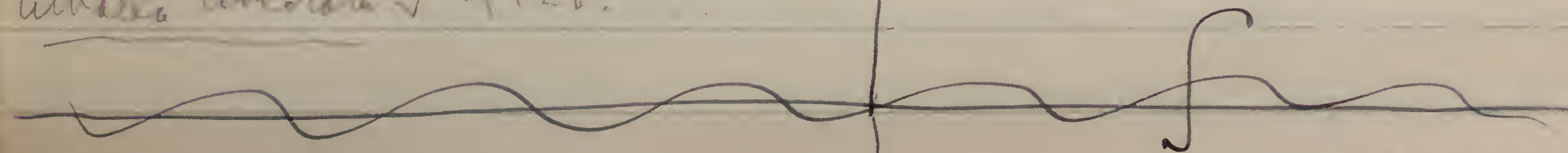
Schneumonidae ♂.



Pachynotus clivellatus ✓ R.C.L.P.

Pteronidea rubescens ♂ ✓ R.C.L.P.

Athalia lineolata ✓ R.C.L.P.



Salix exaltata, at 2

Holictus calcatus, 1 ♂, at 1.

11/8/25.

" *villosulus*, 2 ♀♀ seen, at 2.

Courtown & district,

" *tumulorum* 1 ♂ at 2.

Athalia lineolata at 2. ✓ R.C.L.P.

C. LX. ASD.

Schneumonidae ♂.

1 = glen S. of Inch.

Pezomachus at 3.

2 = old brick pit at Courtown

Schneumon ♂ at 2.

3 = Sand dunes on coast at

Psithyrus tuberculatus ♀ at 3.

Ballyratten Ho.

S. of Clonerin!

Andrena coitana ♀♀ abundant at 1
Salix exaltata ♂ + ♀ at 3.

Pompilus ♀ (*nigerimus*?) seen at 3.
Crabro vagus ♂ + ♀ at 1.
Verpa rufa ♀♀ at 3.
" *austriaca* 3 ♂♂ at 3.
" *ylvestrii* at 3.

Athalia lineolata at 3. ✓

Ichneumonidae ♂:

Glypta ^(sent to A. Roman Dec. 1927. X) *mensurator* var. ♀ about 8 spp. at 1
with long terebra: Roman north ♀♀
says "perhaps = *nigrotrochant* about 2 spp. at 2.
erata Stöckl. with yellow stigma
& more red on abd. + *truncatella* about 30 spp. at 3.
Glypta nigricornis 1 ♀ fide
A. Roman.
Glypta mensurator (with short terebra) 3 ♀♀ (2 sent A. Roman Dec. 1927)!

Collected

Arkelow District
C. W. A. S.
12 Aug 1928

12/8/25.

Misty rain (after
stormy night till
midday.

Aft. very muggy
with considerable
sun.

To Wooden bridge
& home via
Monaglogh valley
& Ballypippin Ho.
and S.

1. = railway & c. below
Ballyrain Ho.
W. of Arkelow.

2. = roadside above
Woodenbridge.

3. = head of Monaglogh
valley, S. of last.
Nearly everything taken
on flowers of
Angelica.

Pompilus (*nigerimus*?) ♂ seen.

Agenia variegata ♀.

Crabro vagus ♂ + ♀ on *Angelica*

" *varius* ♀♀
" *leucostomus* ♀♀
Pamphredon thurhardi

" *lugubris* seen.

Mellinus arvensis ♂♂ + ♀♀ along bank.

Halictus rubicundus ♂♂; + ♀ (worn).

" *calceatus* ♂♂.

" *albipes* ♂♂.

" *frugiperis* ♂♂. ✓

" *leucopus* 1 ♀ on *facione*.

Sphacodes affinis? ♂ on *Angelica*.

Andrena coitana ♀♀ abundant
on *Senecio*, *Stellaria praeineae*,

Carduus arvensis, *Angelica* ♂:

Nomada flavipes ♀ on *Angelica*.

Bombus lapidarius a few ♂♂

Ichneumonidae ♂:

Glypta varicosa Thom. ♀. ✓ A. Roman.

13/8/25.

Misty rain in
(noon) morning, then
(1-30) very hot sun,
(5-0) then dull & hot
& afterwards
(6-30) heavy rain.

Banks of Annona,
below Rathdrum,
(chiefly west
bank) as in
1924. G. W.
A.S.

Vespa ruficornis seen.
Mellinus arvensis ♀ seen.
Salix exaltata ♀ seen.

Formica fusca

Lasius flavus

" *niger*.

Myrmica scabrinodis

Andrena ~~sp.~~ 1 ♀ ^{on the pollen being cleared off on 16/1/25 this proved to be *A. tarsata*! A.V.S.}

on *P. tomentosa* at 1400 ft.

A. fuscipes ♂♂ on moorland just above & S. of ford. ✓

Bombus lucorum

B. hortorum } to 1500 ft.

B. jonellus

Ichneumonidae. 2 sp.

Tenthredinidae.

Atalia lineolata seen.

(No *T. areolata* seen!!)

P. d. ...

= *Taxonomys ...*

at ...

14/8/25.

a warm practically sunless day!

Barrow & head of Glenmatur up to 1500 ft. C.W. A.S.

Mellinus arvensis ♂♂ & ♀♀.

Pamphredon shuckardi

Ichneumonidae

14/8/25. Late aft.

no sun.

Scarp east of road below Ballinaclesh, (foot of Glenmatur) C.W. A.S.

Very good ground!

Sent by P.A. Phillips.

Vespa ruficornis, *Salix exaltata*

Mellinus arvensis, *Crabro chrysothorax* ♀.

Pamphredon lethifer, *Colletes ruscicollis*

Halictus albipes, *Bombus lucorum*

Ichneumonidae. ♂:-

Wt. Butler,

Rosree,

N. Tipperary

R.A.P.

12/8/25.

Tenthredo areolata

Atalia ..., *Hydromorpha ...*, *Atalia lugens* ✓ R.A.P.

Mellinus arvensis, *Crabro varius*

Halictus fuscipes

Tenthredo areolata

Ichneumonidae:-

Rathdowney

Queen's Co.

R.A.P.

13/8/25.

Colletes picistylus 1 ♀ in *Leontodon* ant.

[Cutbert, I.N. II, 20, recorded a ♀ *Colletes jodieni* from clay bank overhanging cliff at this place!]

Halictus rubicundus ♀ seen.

" *villosum* ♀♀ common.

Crabro weeseali 2 ♂♂.

Pompilus plumbeus ♂♂ + ♀♀.

" *rufipes* 1 ♂ on wild carrot. ^{v.R.C.L.P.}

Mellinus arvensis

Sawfly: *Selandria serrata* ♀ ^{v.R.C.L.P.}

Ichneumonidae ♂: 5 spp. ✓

Crabro caricum ♀ on *Angelica*.

Pompilus plumbeus ♂♂ + ♀♀ seen

" *gibbus* ♀ (?) seen. (not recorded!)

Mellinus arvensis ♂♂ seen in woods.

Ichneumonidae ✓

15/8/25.

Coast (dunes +

low clay cliffs)

at Glascarrig,

N. of Cahore Pt.

Co. Wt.

A.S.

A glorious

sunny day,

but little doing!

Coast + glen

at N. end of

Courtstown

demesne

= Duffcarrigk.

Co. Wt.

Apt. 15/8/25.

A.S.J.

Pompilus gibbus ♂ + ♀ at S. end.

" *plumbeus* ♂♂ + ♀♀.

Salix exaltata ♂ + ♀.

Cerophales maculatus

Mellinus arvensis.

Crabro weeseali ♂.

" *palustris* ♂ at S. end.

Colletes picistylus 2 ♀♀ on

Hypochaeris + *matricaria* ✓
along cliffs.

" *glutinosus* ♂ on *Calluna*
along cliffs.

Andrena guzmanni ♂ 2 + brood.
fresh!

Halictus smathmannellus ♂ + ♀.
at N. end.

" *villosum* ♀♀ at N. + S.

Megachile versicolor var. *hufnagelii* ✓
^{v.R.C.L.P.}
a much worn ♀ on *Lotus* at N. end.

Selandria serrata 2 ♀♀ ✓ ^{v.R.C.L.P.}

Ichneumonidae ♂.

Acronyctus *maculatus* ♀ at N. end
searching for *Polysphincta* nests!

at Courtstown

16/8/25.

Coast (dunes,
cliff + ?) at

Arkinating

Bay S. of

Arkelow Hd.

Co. Wt. A.S.

tile 3 p.m.

A glorious day!

Pompilus plumbeus, v. abundant.
 " *rufipes* ♀ & another seen with spider!
Cerobates maculatus, abundant.
Mellicentia arvensis ♂♂ on willows.
Vespa rufa v. common amongst willows.
Bombus duhamelleri nest-(of moss)
 amongst *Salix repens* - hollow
 of dunes.
Ichneumonidae ♂.

afternoon,
 16/8/25.
 Sand dunes
 at Old Church
 of
 Kilgorman
 3 miles S. of
 Kilnichol St.
 Co. Ux.
 A.T.J.

A promising
 place!

Large hemipteron = (*Stenocephalus agilis*)
 2 taken on *Euphorbia portlandica*
 the dead leaves of which it
 closely resembles & 2 on
 sand where it looks like
 a large "Hawk-fly" with
 wings slightly spread.

17/8/25. A misty dull day! Sent up to Dublin.

Pompilus nigerrimus ♀, ♂ seen.
Salix caudata ♀ seen.
Crabro varius ♀.
 " *leucostomus* ♀♀.
Sphacodes " *longipes* ♀ seen.
Halictus rubicundus }
 " *calceatus* } ♀♀ ✓
 " *albipes* } common or
 " *leucopus* 2 ♂♂ " } regretted.
 " *villosulus* 1 ♂ ✓ R.C.L.P.
 " *punctatissimus* 1 ♂ " ✓

18/8/25.
 Midday to aft.
 Dull, warm,
 with a little sun.
 Deputy's Pass
 C. WI. ASD.
 S. end, E. side.
 Very good ground!

Andrena denticulata ♀ or regretted.
Nomada rufipes ♂ or regretted.

Sample: *Pristiphora melanocarpa* ♀ R.C.L.P. det. 6.IV.1932.
Athalia lineolata ✓ R.C.L.P. det. 6.IV.1932.

Ichneumonidae ♂.
Pimpla alternans ♀ near to var. *kollhoffi*! Fid. A. Roman, No. 67.

Mellinus arvensis ♀

Crabro varius

Sphecodes ~~habeatus~~ ^{✓ RCLP}
on dandelion hills above bridge.

Halictus rubicundus ♂♂

" *calceatus* ♂♂ + some ♀.

" *albipes* ♂♂.

" *leucopus* 1 ♂.

mostly on *Scabiosa succisa*!

Andrena guyanensis ♀♀ 2-3 brood
on *Leontodon autumnalis*!

" *fuscipes* ♂♂ + ♀ on *Calluna*.

Athalia lineolata

Johannismida ♂?

19/8/25.

Roadside +
woods by river
& lake, Sher
Oulet Leary
S. Jan

alt. 671 ft.

C. WI.

W.S.

A dull sultry
day but
no real sun.

Pompilus gittus 2 ♀♀; 1 seen. ^{Taken at N. end of dunes near mouth of river!}
" *pectinipes* 1 ♀ ✓ RCLP
" *plumbeus* ♂♂ + ♀♀ abundant.

Ceropalus maculatus abundant.

Mellinus arvensis ♂♂ + ♀♀ seen.

Crabro weismeli ♂♂ + ♀♀ common.

Salix caudata - ♀♀.

Colletes picistegia 2 ♀♀ on *Matricaria inodora*.

Halictus rubicundus, fresh ♀ on *Potentilla*.

" *albipes* ♂♂

" *calceatus* ♀.

~~Andrena~~

2 Sawflies. *Selandria serena* ♀ ✓ RCLP.
Pontania cuprea ✓ RCLP.

Johannismida ♂?

One of these forms to be *P. pectinipes*! A.W.S. ✓ RCLP. 11/9/25.

20/8/25.

A dull warm day!
Sand dunes
& edge of stream
behind same,
at Kilgorman,
Co. WX.
Old church
as before!

Crabro varius

Sphecodes ~~habeatus~~ ^{✓ RCLP}
on *angelica*

Johannismida ♂?

19/8/25. aft., no sun!

East bank of Avonmore
below Laragh,
Co. WI. W.S.

Black sawfly in sand pit N. of Luch station
(= Ballylarkin!). aft. 20/8/25.
Pachynematus clitellatus ✓ RCLP.

21/8/25. Heavy storm wind from E. & N.E.

Salix

Panphudon lugubris

Crataegus vagus ♂♂ & ♀♀

on aspens.

" chrysotomus ♂♂.

" leucostomus ♀ at big stump.

Sphacodes hyalinatus ♂

" affinis ♂ ^{with along railway!}

Halictus rubicundus ♂♂ & com ♀.

" albipes ♂♂.

" calceatus ♂♂.

" pygmaeus ♂♂.

" tumidus ♂

" punctatissimus ♂?

" leucopus

Andrena fuscipes ♂♂ along my cutting.

Ichneumon oides ♂?

22/8/25.

11 till 2 pm.

Very hot sun after damp morning.

"Meeting of the Waters"

i.e. railway & for 1/2 mile N. of same.

Co. WI. ASD.

Ceropales maculatus, common.

Pompilus plumbeus, abundant.

" gittus

Ichneumon oides ♂?

Afternoon. 22/8/25

Dull, no real sun but hot.

Sand dunes at S. end of Buttas Bay Co. WI. ASD.

23rd August 1925.

11 AM till 2.30 pm.

Sand dunes ♂?

at Arkintony, S. of Arklow Hd.

Co. WI.

ASD.

Pompilus gittus ♀.

" plumbeus ♂♂ & ♀.

Ceropales maculatus.

Prenolepis pullipes ♂ (com) swept off Wild Carrot!

Salix ♂ (? *caudatus*) seen.
Pompilus nigerrimus large ♀.
Mellinus arvensis ♂♂ + ♀♀.
Prenulus pallipes 2♂♂.
Pemphredon ~~lapidaria~~
 " ~~shufeldti~~?
Crabro vagans ♂ seen
 " *v. maculatus* ♀.
 " *varius* ♀.
 " *obliquatus* ♀?
Vespa vulgaris ♀♀. ✓
 " *rufa* ♀♀ + ♂♂.
 " *austriaca* ♂♂ common
 " *norvegica* ♀♀ ^{on laurel}
 " *referta* ♀♀.
 Many drunk under Silver Fir
 of all species + a few
 ♂ *austriaca* also!

24/8/25.
 A dull morning with
 strong westerly wind
 but turning into a
 glorious midday
 (from 11 AM till 2 p.m.)
 Somewhat cloudy
 in afternoon.

"Meeting of the Water"
 most taken in field above
 Carrumore (w. bank) +
 S. of cross road to
 Carth Howard.
 C. W. A.S.

Halictus rubicundus ♂♂ + ♀♀ (old + fresh!)
 " *calceatus* ♂♂ + old ♀.
 " *albipes* ♂♂ + fresh ♀.
 " *freycineti* ♂♂.
 " *lativentris* 1 ♂.
 " *villosum* ♂ + ♀.
 " *nitidiusculus* ♂?
 " *leucopus* ♂♂ + ♀♀.
 " *tumulosus* ♂♂ + ♀♀. ✓
Sphex *affinis* ♂♂ + ♀♀.
 " *divinator* 2♂♂ 1♀.
Andrena *germanica* 2 = brood, ♀♀
 " *denticulata* ♀ on ^{on Leontodon!} Ragwort.

24/8/25
 (cont.)

"Meeting of the
 Water"
 cont.

Ichneumonidae ♂:
Ichneumon *laevigatus* (1) with *Ichneumon* at Carrumore.

Pompilus nigerrimus ♀. at 4.
Ceropalus maculatus ♂♂ at 4 & 5.
Mellinus arvensis. ♂♂ & ♀♀.

Crabro varius
" *vagus* ♂ on *Angelica* at 5.
" *chrysostomus* ♂♂ & ♀. at 1.

Colletes glutinosa 2 ♀♀ in sand-bank at 4.

Halictus rubicundus ♂♂ & ♀♀
" *calceatus* ♂♂.
" *albipes* ♂♂.
" *punctatissimus* ♂
" *tumulosus* ♂♂

Andrena marginata (= *cetii*).
2 ♀♀. One each on *Scabiosa succisa*
at 3 & 4: very fresh!

Schneumonidae ♂.

25/8/25.

Banks of
Armore
below Clara
Bridge
Co. WI. Co. S.
nos. as before
but 'S' = S. bank
of river!

A hot sunny
day with
keen wind!

Pompilus nigerrimus ♀ at 1
Salix caudata ♀♀ at 2.
Mellinus arvensis ♂♂ & ♀♀ at 1 & 2.

Crabro varius at 1 & 2.
" *IV-maculatus* at 2.

Vespa austriaca ♂ on *Angelica* at 1

Halictus rubicundus ♂♂.
" *albipes* + *calceatus* ♂♂.
" *punctatissimus* ♂ at 2.
" *nitidiventer* ♂ at 1.
" *leucopus* ♂ at 1.

Sphacodes affinis ♂ on *Juncus* at 1.

Proctos niger ♂ at 1
" *campestris* ♀ (fresh) at 1.

Schneumonidae ♂ (mostly at 1, on *Angelica*).

Pimpla instigator ♂ at 2 (on island - rim!).
on *Angelica*!

Oryctes niger ♂. 28/10/32

Athalia lineata ♂ P.C.C.

Afternoon,
25/8/25.

E. bank of Armore
River below
Armore to
near Wooden-Dr.

1 = below Armore
entrance to
Ballygarth.
2 = N. end of golf
links at
Wooden bridge.

Most
all labelled
Armore District
25-8-25.

After Schneumon
labelled
Ballygarth.

26/8/25. A very hot misty day with local sun only.

Drove to Antrim, Sheena bog, over by Sheena more, Cappage, Arkenagh to Ballinglen station & thence home via Wicklow Gap & Coolgreany.

Only stopped to collect by the river two miles below Antrim at about 11-30 AM.

Took here:-

Halictus albifrons ♂

H. punctatissimus ♂

Andrena coitana ♀ worn (or *Leontodon*)

Ichneumonidae ♂

Leucosticta pallipes ♂♀

Some labelled
Antrim district
26-8-25

Melinae arvensis ♂♂

Crabro varius ♀

Halictus rubicundus ♀ fresh on *Scabiosa*.

Ichneumonidae

Morning: hot sun, very windy
27/8/25. A.P.

Drumgoff, Glencalur, Co. WI.
not taken on lime tree
at S.E. side of old barracks.

Myrmica melanoccephala ♀ with red head!

Running on ground at N.E. corner of large
kettle hole moraine above ford.

Crabro ? sp. A *Crabro* seen at same
place as last, larger than *C. varius*
& ? seemed blacker!

Ichneumonidae 5 spp.

Mid day, only 5 minutes
sun after arrival!
27/8/25. A.P.

Moraine above ford at
Baravore
Glencalur, Co. WI.

C. palmipes ♂♂, ♀♀ taken on
this place on 24.7.27.

Leptothorax acervorum ♀♀ in stump.

Ichneumonidae 2 spp.

Afternoon: sunny: 27/8/25. A.P.
Ballinatoree, foot of Glencalur.
Co. WI.
Field between road & river!

Coelichneumon ? sp.

♂ on *Angelica* at Ballyraine by
railway near Antrim, Co. WI.
A.P. 27/8/25.

Compiles plumbeus ♂♂ + ♀♀ at 1.

gibbus ♂ at 1.

Ceropalus maculatus ♂♂ + ♀♀ at 1.

Mellinus arvensis ♂♂ + ♀♀ at 1.

Crabro varius ♀ at 3.

" *podagricus* 1 ♀ on *Angelica* near bridge at 3.

Colletes picitipina ♀ at 1.

Bombus jonellus ♂ at 3.

Tenthredinidae. 3 sp.

Euphydryx (allantus) cincta ♀ ✓ R.C.L.P.

Pteronidea oligopila ♂ ✓ R.C.L.P.

Ichneumonidae s.c. most taken amongst ^{large ones} *Carex riparia* by stream above Enoreilly Br.

Glypta menurator ♀ var. = *ripetraehentata* Stålke
fide A. Roman.

28/8/25.

A very hot steamy day, with sun till 1 p.m. then dull + hot.

Dunes & fields N. of Enoreilly Old Church.

Dunes = 1.

Fields = 2

Fields about stream 1 mile S. of last = 3. = Puck's Bridge

Collected

at Enoreilly
25/8/25

Agonia variegata ♀.

Crabro varius

" *vagus* 3 ♀♀.

Spheroberus affinis ♂ + ♀.

Halictus communis spp.

Megachile versicolor ♂

Ichneumonidae 2 spp.

Midday 29/8/25. Sunny!
Ballyhenry Quarry
2 miles N. of Ashford, Co. WI.
(as before)

Crabro varius

Ichneumonidae 2 spp. ✓

Ichneumon latrator v. *meunus* ♀.

Aft. 30/8/25. Some sun.
Glenduing, Co. WI side.
near Blessington! ASD.

Tenthredinidae

Fenusa dohrni ✓ R.C.L.P.
amongst alder by main bridge

Knockree, Glencree & Tonduff
Co. WI. ASD 6/9/25.

Collected by R. A. Phillips.

- Halictus fuscicornis* 3 ♂♂.
- " *calceatus* 1 ♂.
- " *albipes* 4 ♂♂ 2 ♀♀.
- " *nitidiusculus* 1 ♂.
- " *tumulosus* 2 ♂♂.

- Andrena gwynana* 1 ♂
2-brood.
- Nomada marshallsi* 1 ♀
an undersized ♀ of 2-brood!
- Bombus muscorum* small ♀.

- Tenthredo arcuata*.
- Ichneumonoides* ♂.

- Salix exaltatus* 5 ♀♀.
- Melinus arvensis* 1 ♀♀.
- Crabro podagricus* 1 ♀.
- Halictus fuscicornis* 1 ♂.
- Tenthredinidae*

- Meloboris* ♂.

Maryborough
Queens Co.
R.A.P.
25/8/25.

Abbey Leix
2. Co.
R.A.P.
27/8/25.

- Tenthredo arcuata*.
- Halictus rubicundus* 2 ♂♂, 1 ♀.
- " *calceatus* 2 ♂♂.
- " *villosulus* 2 ♂♂.
- " *tumulosus* 3 ♂♂, 7 ♀♀.
- " *nitidiusculus* 1 ♂.

- Sphexodes divinus* 1 ♂.
- Ichneumon* ♂.

- Vespa rufa* 1 ♀.
- Salix exaltatus* 1 ♀.
- Lasius niger* 1 ♀.
- Halictus rubicundus* 4 ♂♂.
- " *albipes* 1 ♂.

- Sphexodes affinis* 1 ♂.
- Andrena gwynana* 1 ♀
2-brood.
- " *marginata* 1 ♀ fresh.
- Ichneumonoides* ♂.

" *Agarricus* S. of,
Kilkeny
2/9/25.
R.A.P.

Maryborough,
2. Co.
R.A.P. 19/20/8/25.

Collected by R.A. Phillips

- Vespa rufa* 1♂
- Crabro rufus* 2♀♀
- Hylaeus rufus* 1♀
- Sphacodes divinus* 1♂
- Halicta rubicunda* ~~2♂♂~~ 1♂
- " *calceata* 2♂♂, 1♀
- " *albipes* 13♂♂
- " *villosum* 1♂
- Bombus rufocorvus* 1♂ 1♀
- very fresh + ♀ very small.
- " *agrorum* + *muscorum* ♂ each.
- Teuchoclypeus arcuatus*
- Athalia lineolata*
- Schaefferia* ♂
- Alomyia debellator*, *Spilichneumon occisorius* 3♂♂

Kilkenny
 along railway
 in little marshy
 valley about 4
 mile from
 (to town)
 R.A.P. 8/9/25

- Vespa rufa* ♀
- Crabro rufus* 1♀
- " *chrysothorax* 1♂ 1♀
- Sphacodes divinus* 1♂
- Halicta rubicunda* 2♀♀, very fresh.
- " *calceata* 1♂
- " *albipes* 1♂ 2♀♀
- " *tumulosus* 1♀
- Bombus rufocorvus* 1♀, very small.
- Apis mellifica* v. *lucorum* 1♀
- Athalia lineolata* 2♀♀
- Schaefferia* ♂
- Alomyia debellator*, *Pimpla instigator* 1♀
- Spilichneumon occisorius* 1♂

near Kilkenny
 R.A.P.
 8/9/25

Crabro varius ♂♂ + ♀♀, common.

Halicta rubicunda ♂♂ abundant.

1 old ♀ seen entering burrow!

" *calceatus* ♂♂

" *albipes* ♂♂

" *pygmaeus* ♂♂

" *leucopus* ♂♂, ♀ seen.

" *tumalorum* ♀, ♂ seen.

Donada marshamella ♀♀ = brood

on Ragweed!

Athalia lineolata common.

Ichneumonidae ♂.

collected sp. seen
possibly of *glaberrimus*
at certain
places - long
leg walk.

Deerpark

Bruscart

(along river)

G. W. A. S.

13/9/25.

A glorious day
after frosty
night.

Nothing out till
12 to 1 p.m.

This very bad!

River bank by
Cypress Wood,
Glencree,
G. W. I.

G. W. S.

13/9/25.

Afternoon
sunny but windy.

Collected by J. P. A. Phillip

Mellinus arvensis 4 ♀♀.

Halicta calceatus 1 ♂

" *punctatissima* 1 ♂

Halicta rubicunda 1 ♂

Bombus agrorum 2 ♂♂

" *lucorum* 1 ♂.

" *lapidarius* 1 ♂.

Vespa vulgaris 1 ♀.

Halicta calceatus 3 ♂♂.

Ichneumonidae ♂ 5 spp.

Graiguenough

G. H. K. 24/9/25.

Brandon Mt. G. H. K. 27/9/25.

New Ross

G. W. S.

20/9/25.

Ichneumonidae ♂.

Graiguenough
G. H. K.

24/9/25.

Collected by R.A. Phillips.

Templemore, N. Tippin. 17/7/25.

Andrena gurgarea ♀, *A. ...* ♀

Megachile centuncularis ♀, *Prithyrus confertus* ♂, very fresh

Allantus arcuatus, *Pteronidea ...* ♀ ✓

8-10-25-27 ...

Spanish Point, Co. Clare. 13/7/25.

3 ...

Gardiner's Hill, E. Cork. July 1925.

Halictus tumulorum ♀ ✓

Euphyas (allant.) pallipes 2♂♂ (one & one) ✓ R.A.P.

Rathdowney, Q. Co. 13/8/25. *Pristiphora pallidiventris* ✓ R.A.P.

Pristiphora ... ✓ R.A.P.

Corkbeg, E. Cork. R.A.P. July 1925.

Tenthredinidae: *Atalapha ...* ✓ R.A.P.

Ichneumonites.

Bloomrose, Co. Clare. R.A.P. 30/6/25.

Andrena subopaca ♀. ✓

Lanis, Co. Clare, R.A.P. 7/7/25.

Crabro chrysostoma ♂

Halictus ... ♀.

Tenthredo ... ✓

Collected by J. N. Halbert - 1925.

Pemphredon lapidis

" *chrysanthi*

Halictus albipes ♂♂.

" *calceatus* ♂♂.

" *setosus* 1 ♂.

Bombus hortorum 1 ♂. 2/8/25.

Tenthredinidae.

Selandria serru (R.C.L.P.)

S. flavum 2 ♀♀. (R.C.L.P.)

Taxonus glabratus ✓ "

Atalapha lycopi ✓ (R.C.L.P.)

Pachyramphus chitellus ✓ (R.C.L.P.) also a ♂ = ? m. of *zeuthenianus* ✓ (R.C.L.P.)

" *diapherusa* ✓ " *Abia sericea* ✓ (R.C.L.P.)

" *negus* ✓ " *Empylia carpini* ✓ (R.C.L.P.)

Ichneumonidae ♂.

Wexford district

28th July till 2nd August.

Vespa rufa 2 ♂♂. 4/10/25

Halictus calceatus ♂♂.

" *albipes* ♂♂.

" *freyceneri* 2 ♂♂.

Andrena coitana 1 worn ♀.

Bombus lucorum 2 ♂♂.

one dark, one very yellow.

" *distinguendus* 1 ♂.

Prithyrus barbatus 1 ♀.

Tenthredinidae

Selandria serru ✓ (P.C.L.P.)

Taxonus glabratus ✓ " "

Pristiphora pallidivertus ✓

Lagrorhamphus lareii ✓

Scelionema betuleti ✓

Abia sericea ✓

Tenthredillo periphaea ✓

Ichneumonidae ♂.

J. N. H. cont.

Killarney district.

22nd August till 6th Sept.

NB. 22nd, 24th August.

1st Sept. 2nd & 6th also.

= Kenmare Demesne!

23rd & 25th August

= Torc Mountain.

25th Aug. & 4th Sept.

= Muckross Demesne.

26th & 30th Aug.

= Ross Castle, Kenmare Demesne

29th Aug. Gap of Dunloe.

31st Aug. Looscanagh L.

(on road to Kenmare, above upper lake!)

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Collection from Killarney District sent
by E. J. Bullock.

Bombus lucorum, B. terrestris (rare), B. hortorum,
B. lapidarius, B. derhamella ♂ & ♀,
B. agrorum, B. muscorum, B. jonellus 1 ♀.
Pithecolobus rufiventris 2 ♂♂, P. barbatellus,
P. campestris dark form only, 4 ♂♂, 1 ♀ (black small).
Megachile versicolor 1 ♀. H. 26-7-22.
Sphecodes divinus 2 ♂♂ & 1 ♀.
" affinis 1 ♀.
Halictus calceolatus, H. freygessneri 1 ♂, H. albipes
H. rubicundus.
Andrena albicans, A. grynana "June '22" (?), 1 ♂ (wood!)
A. jucata 1 ♀, A. jacobii 1 ♂, A. cineraria 1 ♀ ("7-23")
A. coitana, A. sericea,
Colletes glutinosa 1 ♀.
Apis mellifica 1 ♀.
Vespa vulgaris, V. germanica, V. rufa,
V. austriaca 1 ♀, V. norvegica, V. sylvestris,
Nomada rufipes 1 ♂, N. marchanella, N. tipida,
N. ruficornis.
Meloboris arvensis.

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Pemphredon lugubris
Gorytes mystaceus, Nymus spinosus ♀.
Odynerus triparsciatus.
" spinipes 1 ♂ (var. P.C.L.P.) "7-24".
" parietinus, O. sinuatus.
Phygadeuon
Crabro tibialis, C. cetratus "8-23".
C. chrysothorax, C. caripon, C. v. maculatus.
C. rufus.
Pasalus nothicus.
Myrmica scabrinodis ♂.

Saw flies taken during 1925.
Selandria furstenbergensis ♂ & ♀ Rook Valley 7.6.25
" sericea Askinty 16.8.25; 4.8.25. Glas Carrig, Cahore 15.8.25
Kilgorman 20.8.25; Killarney 23.8.25 [J.N.H.]. Wexford
26, 28, 29, 25, 7.25; Rosslare June 25 [R.F.S.].
" stramineipes Bailey 3.6.25, two ♀ [J.N.H.]; Brittas Bay
21.6.25 1 ♀
" flavens. Wexford 29.8.25: 2 Powerscourt 19.6.25
Emphytes (near Allantus) cinctus Askinty 4.8.25 ♂.
Arkeow (do.) 28.8.25 ♀
E pallipes Gardiner's Hill July 1925 ♀
" " 2.6.25 var ♀

Strongylogaster lineatus (circulatus) Wp. Glencole 9.6.25 ♂. Baile 3.6.25 [J. N. H.]

Stromboscerus delicatulus. Glencree 7.6.25 ♂ + 2 ♀ ✓

Empria (*Pocillosoma*) *liturata* Ell. Glencole 9.6.25 ✓

Toxonus glabratus St. Anne's 5.7.25. Killarney 26.8.25. Wexford 29.7.25. Portlaoine 6.6.25 ✓

Athalia lineolata Riverstown 1.6.25. Clara 5.7.25. N. Sord. 28.6.25. Sutton 26.6.25. Deputy's Park 21.6.25 ✓
10.8.25 18.8.25

Dargle 8.7.25. Drin's Glen 14.6.25. Dunman 26.7.25. Hoptonbeg 21.6.25. Arklow D 25.8.25. Cork bog - 7.25. Rathfriland 13.8.25. Courtown 11.8.25. Mountmellick 22.8.25. Abbeyleix 27.8.25. Kilkenny 6.9.25 ✓
2.8.25 12.8.25

A. lugens. Dargle 8.7.25. Smerick 9.8.25. Wexford 29.7.25. Mount Bullis 12.8.25 ✓

Pteronidea vibesci. Clara 10.8.25 ♂. Templemore 17.7.25 ♀. Ballinastor R.O. 13.6.25 2 ♀ ✓

" *melanaspis* Mayfield 30.7.25

Pachynematus clitellatus (♂ = *P. xanthocarpus* Jauch.) St. Anne's 12.7.25. Ballylarkin N. Sord. 23.6.25 ✓

Wz. 20.8.25. Wexford 30.7.25. Horth Downe. 20.6.25. Baile 3.6.25. Clara 10.8.25 ✓

Pach. diaphanus. Wexford 30.7.25 [J. N. H.]

Pach. clitellatus (Jauch = ? var of *xanthocarpus*) Wexford 26.7.25 [J. N. H.]

Pristiphora pallidiventris Rathdowney 13.8.25. Clontarf 31.5.24. Kilkenny 4.9.25 ✓
9. N. H.

P. ruficornis Arklow D 8.8.25 ✓

Pachynematus ruficornis St. Anne's 17.6.25. Baile 3.6.25. Kilkenny 15.6.25. J. N. H.

" *obductus* Kilkenny R.A.P. 6.9.25. St. Anne's 17.6.25. Baile 3.6.25 ✓

P. raquo var ♀ Wexford 29.7.25. J. N. H.

" " small abnormal submiss to ♀ St. Anne's 17.6.25. J. N. H.

Lygaeonematus laricis. Torr. Mt. 23.8.25. St. Anne's 20.6.25 ✓

Pontania capreae. Kilgorman 20.8.25 ✓

P. oligospila ♂ Arklow D 20.8.25 ✓

Dmicura tolaeifera ♀ Drin's Glen 14.6.25 ✓

Pontania leucosticta ♂ Wp. Glencole 9.6.25 ✓

Trichocampus eradicatus ♂ Clontarf 31.5.24

Priophorus padi. Portlaoine 6.6.25. Portlaoine 1.6.25. E.O.M. St. Anne's 10.6.25. Rathdowney 18.8.25 ✓

Cladius fuscicornis var ♂ Cloughoge 14.8.25. 28.6.25 ✓
" 2 ♀ ? *difformis* Abbeyleix 27.6.25. Gardiner's Hill July.25 ✓
Rhagoletis aucupariae Mull. 2.6.25. Baile 3.6.25. J. N. H.

Toxonus equiseti Glencole 14.8.25 ✓

Tomostethus luteiventris 3 ♀ Ballymaginn Glees 8.6.25. Ballybetagh 24.6.25. Powerscourt 19.6.25 ✓

Blennocampa sp. St. Anne's 24.5.25 ✓

Penusa dohrni Glencree 6.9.25 ✓

Scotioneura betuleti. Killarney 4.9.25 ✓

Hoplacampa pectoralis Kilbarrick 21.5.24. ✓

Eris campa orata, Clonmel 16.6.25. Keix Lp. 13.6.25 ✓

Pachyprotasis antennata ♀ 1. Clara 12.7.25 ✓

P. *rufae* N. Ballinastor R.O. 14.6.25 ✓

Allanlin arcuatus Powerscourt 19.6.25. Arklow D. 2.8.25. Templemore 17.7.25. Borris O. Kane. 4.6.25 ✓

Emis 7.7.25 ✓

Tenthredo mesomala. Drin's Glen 14.6.25. Powerscourt 19.6.25. Roslar 25.7.25. Dargle 22.7.25 ✓
R.F.S.

" *livida* Rathfriland G.F. 19.6.25. Deputy's Park 21.6.25. Powerscourt 19.6.25. St. Anne's 10.6.25. Powerscourt ✓

11.6.25. N. Clara 28.6.25. Portlaoine 6.6.25. Drin's Glen 14.6.25. Cork bog - 7.25. Horth Downe 20.6.25 ✓

Stria sericea Mount Bullis 12.8.25. Wexford 29.7.25. Killarney 4.9.25 ✓

Tenthredo ferruginea Clara 5.7.25. Rathfriland G.F. 19.6.25. Torr. Mt. 28.8.25. ✓

" *atra* ♀ ♂ Leixlip 13.6.25. N. Ballinastor R.O. 14.6.25 ✓

Arge fuscipes 1 ♀ Deputy's Park 21.6.25 ✓

" *caerulescens* ♂ Mount Bullis 12.8.25. [R.A.P.]

Dolerus gelsneri. Powerscourt 7.6.25. ~~Wexford~~ Wp. Glencole 9.6.25 ✓

D. trimaculatus Powerscourt 7.6.25. 19.6.25 ✓

D. niger ♀ Drin's Glen 14.6.25 ✓

D. rufipes 2 ♀ Powerscourt 7.6.25. St. Anne's 16.6.25. N. Sord. 29.6.25 ✓

D. nigralis Clonmel 10.6.25 ✓

1926.

Loderia vestigiaria var hibernica Ballybetagh 24.6.25 I.D. Powerscourt 7.6.25 38
Dolerus aeneus Powerscourt 7.6.25 Keirick 13.6.25 Portmarnock 1.6.25 Glencree 7.6.25
W.I. Glencree 9.6.25 Glencree 28.6.25 Kilbarrick 4.6.25 Hunt D 20.6.25

Pamphylus holorus ? Drilo Glencree 14.6.25

Loderus palmatus Powerscourt 7.6.25

Holococeros lucida Duillial 2.6.25 Royal Canal Liffey Junction 16.6.25

Tenthredo tenuis ? Rocky Valley 7.6.25 Keirick 13.6.25 J.N.H.

Teuthrodopsis coquebertii var optis so-called species ? Greenan
G.F. 23.6.25

T. enniata ? Lisarony 11.6.25

Teuthrodopsis sp or spp. Clonmel 16.6.25 St. Anne's 10.6.25

Hunt D. 20.6.25 Ballylag N. of Clara 28.6.25 Kilbarrick 15.6.25 J.N.H.
31.5.24 E.O.14

Crossocerus rarus ? Killarney 20.6.25 J.N.H.

Teuthrodopsis palliata var. N. Clara 28.6.25

T. colon var nigri ventris Enolin Keirick 13.6.25 J.N.H.

Emphytus carpini ? Weaford 31.7.25 J.N.H.

Teuthrodopsis picticeps or flavomarginata var ? Kilbarrick 31.5.24
24

" compressoris ? N. Ballinacree R.D. 14.6.25 R.A.P.

4th Jan. 1926. A.M. Gwynne brought me a freshly hatched
♂ ichneumon, bred from pupa
of taken during 1925 at St. Columba's
College Co. Dublin!

11th Jan. 1926. A ♀ cynipid, Andricus, found
in box full of grass etc. after return from Powerscourt,
Co. WI. A very wet, very mild day. The specimen
may have come from grass & leaves, or from bark
of Lauricaria log bearing a mycelium!

24th Jan. 1926. "Glensink," above Ennisterry, Glencullen, WI.
Cocoon of Trichosoma frequent on trunks of
bird trees: all empty, except one taken by A.A.
Linnay, who also dug up at foot of tree
a membranous brown, empty, cocoon which looks
like that of Cimbex femorata.
Some galls were collected on Willow leaves.

1st Feb. 1926. G.A. Linnay reported that he had
seen a small black fly.

On 21.2.26 I obtained numerous cocoons of a form from a rotten log at foot of Altadore Glen, Co. WI.

Also cocoons of an ichneumonid, from a stump containing the dead remains of several specimens *Ichneumon rusticus* ♀ the cocoons were placed upright & packed close together like cigarette-pipes & numbered about six all told: many larvae & dead images of *Rhagium bipunctatum* were also in the stump, which was I think pine.

Lasius fusus seen active at top of glen: mild, wet day. (Willow just coming out at Shankill station, Du.)

20.2.26. C. G. Liney reports that a "Bumble Bee" was seen at Shankill, on flowers of *Laurestinus*, on this date & another a few days later. Probably *B. lucorum*.

24.2.26. *B. lucorum* (?) seen by M. D. S. at Mayfield! NB. The previous fortnight had been very mild with misty rain & then some hot sunny bursts!

28.2.26 J. P. Brunken reports willows out in Glen of the Dovers (at Coverend)!

28.2.26. Taken by P. A. Phillips at Portlanna, S. Galway. *Ichneumon saritorius* 1♀. *Ichneumon* of proclivus ♀ *Chasmodon notatorius* 2♀ *Phaenocarpa* ? 1♀

28.2.26 A.A. Liney reported flies (?? or *Andrena spicata* or *praeceox*) common on roadside at Shankill, Co. Du. on this date.

7.3.26. West by train due Woodenbridge, Co. WI. at 11-15 AM. Many willows out at Greytown, Newcastle & other places along the line! Half-an-hour run, at intervals, after arrival at Woodenbridge.

Bombus lucorum: more than a dozen ♀♀ seen, mostly at willows (*S. caprea* & *cinerea* out-) at foot of Gold Mine Valley.

Apis mellifica at a ♂ willow overhanging river.

Andrena sp.? Several ♂♂, with throats a red looking as if ♀ *A. albicans* on same willow as last: foot of Gold Mine Valley, just above its junction with Moynaghlogh Valley! I think there can only have been ♂ *albicans* but have never seen *albicans* or so reddish! I was unable to catch any & the sun going in we had misty rain for rest of day. Very likely ground here for July-August!

NB. Near mouth of Broghanna, A.A. Liney found a dead but still warm adult *Hittya*!

In hollow (tunnelled) *Salix caprea* branch I found a large

black ♀ *Ichneumon* ^{*eugenes*} *hibernatus*; brought home alive! + A.A.L. also larvae which subsequently pupated & after a few days, on 5.4.1926 as a ♀ *Anaxys nemator* hibern. V.R.C.P. & sent to Ireland.

♀ of *Ichneumon* (*Chasmodon*) *Eugenes* taken in *Salix caprea* in Gold Mine Valley, taken in 28.5.1926. Larva in capturing in museum till 28.5.1926. Larva of *Chasmodon* granularis: fed on cocoon & emerged!

(1) morning till 2pm. (2) aft. till 4pm.

11/4/26. Ballyhenry quarry & Killoughan channel, Co. WI.

Hum a cloud in sky all day, but a dry cold

breeze from S.E.: not quite a bee day!

Vespa vulgaris 1 ♀ at 1 or 2 (?)
Andrena albicans ♂♂ everywhere, 1 fresh ♀ at 1.

" *nigrescens* 1 fresh, large, ♂ at 1.

" *grymans* 2 ♂♂ at 2.

" *jaesti* 1 fresh, large, ♂ at 1.

Halictus rubicundus ♀♀ at 1 & 2. ✓

" *calceatus* " " " On Bellis.

" *albipes* " " " " "

" *punctatissimus* 1 ♀ each at 1 & 2.

Sphacodes divinus 1 ♀ at 2. R.C.L.P.

Nomada fabriciana ♂♂ & ♀♀, small, at 1. ? also seen at 2.

" *leucophthalma* 1 large ♀ at 1. ^{nomad. bipida} ♂♂ at 2 flying over

blackbells!

Bombus lucorum 1 & 2; *B. terrestris* 1 & 2, *B. lapidarius* 1 & 2

on blackbells, repeatedly, at 2! *B. agrorum* 1 & 2.

B. jonellus on willows at 1. *B. hortorum* at 1 & 2.

B. derhamellus at 1.

Textulariidae: *Dolerus* ^{madidus} ~~frivillus~~ 3 ♂♂ at 1, over rocks. ✓ R.C.L.P.

Ichneumonidae 2 sp.

17/4/26. St. Anne's Clontarf, Co. Du. C. O'Keefe.

Empria tridens 1 ♀ ✓ R.C.L.P.

15/4/26. Phoenix Hill, Islandbridge, Co. Du.

Andrena nigrescens ♂♂ & ♀♀ abundant along avenue to Mr. Padian's house. ♀♀ seen gathering pollen repeatedly on *Senecio vulgaris*, & also at "Alexanders" (*S. susstrum*). ✓

Co. Carlow, week-end with D. R. P. - B. 16th & 17th April.

17/4/26. Small glen by road, S. of Kilcary Bridge

(over R. Slaney) 2 miles NW. of Clongall, Co. CW.

Vespa rufia ♀ seen above bridge.
Bombus lucorum ♀♀ & ♀♀ at willows ♂♂. } ♀♀ all at

" *jonellus* ♀♀ & ♀♀ at willows ♂♂. } willows!

" *hortorum* ♀♀ & *B. agrorum* ♀♀ at ground Ivy.

Andrena albicans ♂♂ & ♀♀ (abundant) at willow, ♂♂.

A. rosae v. *arvensis* ♂♂ & ♀♀ at willow, reddish base to abd. *A. apicalis* 2 ♀ at willow R.C.L.P.

" *jaesti* ♂♂ only *A. praeceps* ♀♀ at willow. R.C.L.P.

" *nigrescens* ♂♂ & 1 ♀. ✓ HOUSE MARTINS!

" *minutula* 3 ♂♂ & 1 ♀ on bank ^{S. of} road.

[No *Halicti* seen at all!]

Sphacodes divinus ^{R.C.L.P.} 2 small, light red ♀♀ with *A. minutula*.

Nomada ~~*leucophthalma*~~ ^{*bipunctata*} 2 ♂♂ at willow

Lasius fuliginosus: a big colony entered road & stung on bank S. of road.

Also *L. niger*, *L. flavus*, *Myrmica scabrinervis* & *myrmica*

[but no *Formica* species seen.] Very nice ground!

Lasius ~~*fuliginosus*~~ ^{*calceator*} 100 yards above bridge on S. bank of road.

18 & 19/4/26. Baginbun district, Co. CW.
Large willow in field 3 miles S. of B. & east of railway, in
River latter is crossed by main rd. to Borris = (1).
Valley flowing S. to Sestrimryan = (2)
Railway between 1 & 2 = (3).

"Eskers" & gravel pits about Ballymoon = (4).
[*Vespa vilgata* ♀ in dining room at Fenagh Hotel]
Bombus lucorum & *jonellus* ♀♀ + ♀♀ everywhere.

B. terrestris ♀♀, a few at 1 & 2.
B. hortorum ♀♀, a few at 2 & 4. ✓
B. muscorum ♀♀, 2 or 3 on willows at 2.
B. agrorum ♀♀, a few everywhere, one at willow at 2.
B. lapidarius 1 ♀ at willow at 2.
Psithyrus vestitus 1 fresh ♀ on *Sandolium* in
meadow 1/2 mile S.W. of 4.

Andrena praecox 2 ♀♀ ^{P.C.H.P.} at 1.
" *grymans* 2 ♂♂ on *Sandolium* at 4.
" *albicans* ♂♂ everywhere abundant, ♀♀ a few.
" *myriocera* ♂♂ everywhere a few.

Salix fusca ♀♀ at 3.
Lasius niger & *flavus* everywhere, mixed nests common at 4.
Myrmica ruginodis & *scabrinodis* common. [No *F. fusca*!]

Tenthredinidae *Dolerus migratus*, 3 ♂♂ ^{R.C.L.P.} at 3 on 18th! at 3 on 18th
Dolerus macledus ^{R.C.L.P.} 1 ♂ at 2 on 18th inst.
Dolerus oblongus 1 ♂, 1 ♀ ^{R.C.L.P.} at 2 on 19th inst. 19th
Ichneumon *scutellator* ♀ on *Sandolium* near Borris, 20/4/26 19th.

25/4/26. Killogan⁽¹⁾ & Glencullen⁽²⁾ & small glen with
reservoir opposite Killogan⁽³⁾. A sunny morning but dull all
day after arrival: cold wind.

Bombus lucorum, *terrestris*, *agrorum* & *muscorum*: all ♀♀!
Andrena clarkella, a very faded ♀ in usual "coomb" at 2.
" *albicans* ♂♂ & ♀♀ at 1, ♂♂ at 2 & 3.
" *scutellator*? ♂ on *Sainfoin* (M.S.S.) flower at 2 (margin).
Nomada merchanella ♂ at 1
" sp. seen at 3. ✓

Dolerus migratus 1 ♀ ^{R.C.L.P.} on *rubus* below reservoir at 3.
Empria tridens 1 ♂. One caught, several seen, in *Cam* below
Killogan, on bank of ♂.
Ichneumon & *Bracon* etc.

a ♀ photo can be studied for glabrous cocoon of *A.M. Geryone*, bred from
larva of *Varenum urticae* on 24/4/26. Placed with *larva* in *box*.

27/4/26 (afternoon) Lower Glanasmole, Co. DU.
Below lower dam by river⁽¹⁾. E. slopes & coomb⁽²⁾.
Bombus lucorum ♀♀. *B. jonellus* 1 ♀ on willow. *B. hortorum* 1 ♀
B. agrorum ♀♀ especially on *Cardamine pratensis*. *B. muscorum* ♀♀.
Andrena clarkella old ♀♀ at 2. *A. albicans* a few ♂♂.
Nomada bipida, 1 ♂ at 1. *N. fabriciana*, small ♀ at 2. ✓
Dolerus nitens 1 ♀ ^{R.C.L.P.} E side of river amongst *rubus* = *D. praeclavatus*!
Ichneumon. a ♂

249

30/4/26. Afternoon. To Woodmbridge & back.

Some sun late in day but only plimsey during early aft.

① = Monaglogh valley (part off) 1 1/2 miles S. of W.

② = marshy fields by Railway below (N.) Glenast Castle.

Bombus lucorum ♀♀ + ♂♂. B. jonellus ♀♀ + ♂♂.

B. agrorum + B. muscorum ♀♀ only: all at 1.

Andrena albicans ♂♂ + ♀♀ at 1. ✓

Dolerus haematodes ♂ at 2. ^{✓RCLP.} D. nigratus ♂ at 2. ^{✓RCLP.}

u palustris 3♂♂ ^{✓RCLP.} in field by railway at Glenast (i.e. 2)

Empria tridecem 2♂♂ ^{✓RCLP?} on zigzag road at 1.

Tomostethus luteiventris 1 ♀ ^{✓RCLP.} in meadows at 1.

ICHNEUMONIDAE. All at 2.

Pimpla burrowsi, very small ♀ at 1. Fide A. Roman, No. 65.

Here from 2 labelled.
 Arklow district
 30.4.26. Aft.

Xyela julia ^{✓RCLP.} in meadows at 2 (? flown off pine trees).
 1 ♀.

1/5/26. Sheets of rain + NE gale all day long.

2/5/26. Still very windy (N.E.) but except for a high mist, the sun shone all day.

Mayberry: sandy cliffs + meadows.

Bombus lucorum ♀♀ + ♂♂. B. hortorum ♀♀ + ♂♂

with on Ground Ivy. B. agrorum ♀♀.

B. derhamellus 1 ♀. B. jonellus ♀. ✓

Andrena jaesi ♂♂. A. rufescens 1 ♀.

A. wilkella ? 1 ♂ very fresh on Bluebells.

Halictus rubicundus ♀♀ on Bellis etc.

H. calceatus 1 ♀ seen. H. punctatissimus 1 ♀.

Nomada goodeniana 1 seen. N. fabriciana 1 ♀ ^(outspaced, small, 5/5)

Dolerus nigratus 5 ♂♂ ^{✓RCLP.} March at foot of lane

Ichneumonidae. Also Dolerus aeneus 1 ♂ ^{✓RCLP.}

Alomyia debellator ♂♂ (red) common.

Pimpla ~~...~~ ♂

Myrmica scabrinodis } on sandy.

" } ~~...~~ ♀♀ } cliff above.

This ♀ has been identified by Denisthorpe (in lett. to AWS. as undoubted?) referable to M. Schenckii Emery only previously taken in British Islands by Hallett! A.S. 10/12/26.

till 1 pm.

3/5/26. Meeting of the Waters, Arcoa, Co. WI.

A bright sunny day with strong NNE wind.

- 1. Field by cross rd. to Lenth Harold, W. of river
- 2. Ry. banks & fields S. of ^{C. Harold (E. of river)} same.
- 3. Swamps by road ^{S. of} Sulphur mines N.W. of Arcoa, along "yellow road".

Salix fusca 1 ♂ seen at 2.

Vespa vulgaris 1 ♀ seen at 1.

Andrena albicans ♂♂ + ♀♀ at 1 + 2 + 3.

" *wilkella* ♂♂ + ♀ (later stylized) at 1.

" *nigrescens* 1 ♀ seen at 2.

" ^{fuscata. V.R.C.L.P.} *lapponea* ♂♂ at 2, flying over *Vaccinium* var. with dark tarsi! A.W.S.

Halictus rubicundus ♀♀ at 1, 2 + 3.

" *calceatus* ♀♀ at 1 + 3.

" *pergandei* ♀♀ at 3. ✓

" *tomulorum* ♀ at 2.

" *leucopus* ♀ at 1

SWIFTS
at Arcoa.

Sphaerodes dirisus ^{V.R.C.L.P.} ♀♀ at 1.

" *affinis* 1 ♀ ^{V.R.C.L.P.} at 1

Nomada gordoneana at 1.

" *marshamella* ♂♂ + ♀♀ at 1.

" *lapidaria* at 1.

✓

Bombus lucorum, *terrestris*, *muscorum*, *terrestris*

agrorum ♀♀ only at 1 or 2.

Psithyrus barbatus 1 ♀ at 2.

Tenthredinidae

Dolerus nigratus 1 ♀ ^{V.R.C.L.P.} in field at 2

D. madidus 1 ♀ ^{V.R.C.L.P.} at 3 amongst rushes. Apparently the last example left. Should be looked for in mid April!

Ichneumonidae: all at 1.

255, 2.0-4.0 p.m.

3/5/26. afternoon. Honey Lough Valley (above meeting with field near Valley) near Woodentridge, Co. WI.

Tenthredinidae

Athalia lineolata 1 ♀ ^{✓RCLP.}

Empria bidentis 2 ♂♂, as before, up zigzag road.

2 *Ichneumonidae* 2 sp.

3/5/26. late afternoon 4.30 till 6.0 p.m.

Swampy field by railway opp. Slonagh Castle W. of Arklow, Co. WI. (as before).

Dolerus nigratus 10 ♂♂ ^{✓RCLP.} *D. palustris* 1 ♂ ^{✓RCLP.}

Ichneumonidae

Labels

3.5.26

4/5/26. Glen W. of Kilearry Bridge (on R. Slaney) Co. CW. till 12 till 2.0 p.m. Sunny, very hot.

Bombus as before.

Andrena albicans ♂♂♂♀♀.

A. praecox 1 ♀ on willow.

A. minutula 1 ♂ ^{✓RCLP.} & *A. saundersella* 2 ♂♂ on Bluebells.

Halictus rubicundus ♀♀ ✓RCLP.

H. calceatus, *H. freygessneri*, *H. punctatissimus*

H. tumulorum ♀♀

Sphacodes divisa ♀♀ ^{✓RCLP.} & *S. affinis* large ♀♀ ^{✓RCLP.} at

burrows of *H. tumulorum*.

Nomada bipida ♀♀. *N. marshamella* ♂♂

N. flavipunctata 1 ♀

Dolerus nigratus 2 ♂♂ ^{✓RCLP.} flying over rocks.

Athalia lineolata seen.

Ichneumonidae.

4/5/26 aft. 3 till 4 pm. getting dull, some sun.
By E. of ^{Ferns} ~~Carrigrohane~~ at bridge over R. Bann,
Co. WX.

Bombus lucorum, *agrorum* & *lapidarius* ♀♀.

Andrena albicans ✓

Halictus rubicundus, *calceatus*, *freysenoi*
tumulorum & *nitidusculus* ♀♀.

Sphurda divinus ♀ [*S. affinis* ♀ (?) seen].


Dolerus nigratus 1♂, ^{✓RCLP.} in rushy marsh by ry.

5/5/26. Ballyhenry Quarry, Co. WI. A.S.

A cold showery day, with short sun bursts.

Only a few common ♂ *Andrena* & *Bombus* seen.

Found under the bark of several rotting ^{pine} stumps
in wood on E. side of road I collected numerous

bunches of *Ichneumon* cocoons, arranged thus .

Also 2♂♂ & 1♀ freshly hatched from same which
proved to belong to *Ichneumon rusticus*.

3 more ♂♂ hatched during the next 4-8 hours.

The stumps were full of larvae & adult *Phaenocarpa*
bipunctata upon which the *ichneumon* had
obviously been parasitic.

Collected by R.A. Phillips.

26/4/26. Nenagh, Co. NT. R.A.P.

Andrena albicans 1♀. *Andrena subopaca* ^{✓RCLP.} ♀

Nomada tipida 3♀♀. *N. marshamella* 2♀♀.

4/5/26. Templemore, Co. NT. R.A.P.

Andrena albicans 6♂♂ & 3♀♀. *A. nigroaenea* 2♂♂ 1♀.

A. jactata 2♂♂, 1♀ & *S. scabra*.

Halicta calceata 2♀♀. *H. albipes* 2♀♀.

H. tumulorum 1♀. *H. leucopus* 1♀. ✓

Nomada tipida 1♂. *H. marshamella* 12♂♂ 1♀.

N. flavoguttata 1♂.

Ichneumon of *empidonis* ♀ &

Ichneumon of *empidonis* ♀ &

Samolus.

Holcoeneme
Draxia crassa 1♂ ^{✓RCLP.}

Dolerus haematodes ♂ ^{✓RCLP.}

Empria tridens. ♂♂ 1♀. ^{✓RCLP.}

8/5/26. Kilbarrack, Co. DU. E. O'Mahony.

Dolerus aeneus 2♂♂. ^{✓RCLP.} *D. picipes* 1♂, 1♀. ^{✓RCLP.}

9/5/26. St. Anne's Clontarf, Co. DU. E. O'M. *Empylus carpinii* 1♂ ^{✓RCLP.} ("not tenax" ^{RCLP.})
Dolerus aeneus 1♂, 2♀♀. ^{✓RCLP.} *D. picipes* 1♂. ^{✓RCLP.}

9/5/26. Grand pit, ry. cutting, ledge t. by canal & railway, 1/4 mile N. of Sallins, Co. KD.

A cold day with cold S.W. winds & only thin frost sun till 2 p.m. then dull. Hawthorn only out in a few patches. NB. a fortnight too early!

Bombus agrorum & *lucorum* ♀♀ on *Diarrhena vulgaris*

B. lucorum ♀ on Hawthorn.

Andrena albicans ♂♂ & ♀♀ on Hawthorn.

" *jaeski* ♂♂ & ♀♀ (rather fresh & v. restia) on Hawthorn.

" *nigrescens* 1♂ very fresh!

Halictus calceatus ♀♀ on *Sainfoin* ✓

" *freyceneri* ♀♀ on *Sainfoin*.

Nomada tipida 1♂ on *Dandelion* with continuous yellow buds.

" *marshamella* ♂♂ & ♀ on Hawthorn & *Dandelion*.

Samples. *Lodrus vestigiatus* 1 typical ♂, swept from canal bank by bridge. ^{v.R.C.L.P.}

Hoplocampa pectoralis 1♂ 4♀♀. R.C.L.P. *H. crataegi* 1♂ 1♀ ^{Both on Hawthorn flowers.} v.R.C.L.P.

Ichneumonidae Large Cryptid tent. at Hawthorn.

Collected by R.A. Philley.

Maryborough, Q.Co. R.A.P. 7.5.26.

Andrena albicans 1♀, *A. sericea* 3♂♂ 1♀.

A. gurgenea 1♀, *A. fucata* 1♂, *A. subopaca* 1♂ 2♀♀ of which 1♀ is stylopized.

Halictus rubicundus 1♀, *H. calceatus* 2♀♀.

Tenthredinidae, *Rhyogaster anemoneae* 1♀ ^{v.R.C.L.P.}

Tenthredopsis 1♀, *Monophadnus pallens* 1♀ ^{v.R.C.L.P.} = (*albipes*).

Ichneumonidae

Atrephes tentaculata 1♂ on Hawthorn.

Maryborough, Q.Co. 10/5/26.

Andrena albicans 1♂, 1♀, *A. sericea* 1♂.

A. jaeski 1♂, *A. nigrescens* 1♂, *A. subopaca* 2♀♀ of which one is stylopized.

Halictus calceatus 2♀♀, *H. albipes* 2♀♀, *H. freyceneri* 1♀

H. tumulorum 2♀♀. ✓

Tenthredinidae

Tenthredo arenata 1♂. *Hoplocampa pectoralis* 1♀ v.R.C.L.P.

Ichneumonidae 1♀

Collected by R.A. Phillip.

Mountmellick, Q.Co., 11/5/26.

Andrena albicans 1♀, *A. fucata* 3♂♂ 1♀ very fresh; two of the ♂♂ + 1♀ with dark tarsi. ^{✓ R.C.L.P.}

A. jaesti 3♂♂, *A. subopaca* many ♂♂ + ♀♀

A. subopaca ♂♂ + ♀♀.

Halictus rubicundus 1♀, *H. albipes* 2♀♀

H. titidiusculus 1♀.

Ballinacill, Q.Co. 13/5/26.

Andrena jaesti 4, fresh, ♂♂.

16/5/26. A most glorious day, never a cloud, after clear frosty night: breeze rather cool, otherwise perfect but following bad weather!

Deerpark, Powerscourt, W.I. A.P.

Andrena albicans ♂♂ + ♀♀ seen.

" *jaesti* ♀♀ seen.

CUCKOO!

" *fucata* ♂♂.

" *civieria* ♂♂ abundant on "cliff" along river & just below fall, but most abundant on flat where the motor stop near fall: only 1♀ seen. all very fresh.

Deerpark, Powerscourt - cont. 16.5.26.

Andrena subopaca

Halictus rubicundus ♀♀ everywhere.

" *calceatus* ♀♀ "

" *frugiper* ♀♀

" *leucopus* ♀♀

" *tumulosus* ♀♀.

Halictus ♂♂ + ♀♀ at bank - Dept. of Agriculture

Sphex monilicornis, ♀ at Saddy long-bay cliff by river. Another ♀ seen at same place, much smaller!

Nomada bipida ♂♂ + ♀♀.

" *rupicornis* 1♂

" *marbancella* ♀♀ common.

Bombus lapidarius ^{only on the hills} lucorum, agrorum, muscorum ♀♀; only workers seen were lucorum, a few.

Tenthredinidae!

Dolerus bimaculatus ♂♂ + ♀♀ by river as usual.

" *germeri* 1♂ ^{✓ RCLP.} *D. aeneus* 1♂ ^{✓ RCLP.} *D. nigratus* 1♂ ^{✓ RCLP.}

" *haematodes* ♀ ^{✓ RCLP.}

Pristiphora ruficornis 1♀ ^{✓ RCLP.} (= *rossicornis*, var. of RCLP.), flying round Hawthorn.

Loderus vestigialis var. nov. 2♂♂ 1♀ ✓ R.C.L.P.

Black fly on the bank by the river & Hawthorn.

Deerpark, Powerscourt cont. 16/5/26.

Ichneumonidae ♂

Ichneumon 2 ♂♂, 1 ♀, in specimen

Pimpla tumida 2 ♂♂

Platygaster ... labelled
19 cont. 26
taken in the date 16/5/26

Sp. 10 or 12 ♂♂

The *Braconidae*, *Halictid* or *Hemiteles*.

17/5/26. Shankill, Co. Du. A.W.S. (with A.A. Lisney).

Pristiphora pallidiventris v. *denudata* 1 ♀. ^{✓RCLP} in hedge near church cross roads.

Holcozenes lucida 1 ♂. ^{✓RCLP} in hedge near church cross roads.

20/5/26. A dull day. Deerpark at Powerscourt. W.I.

(Picking up deer bones with Duffy!)

One ♀ *Cryptus* ... on tree near water pit!

25/5/26. ♀ *Proctos* ... hatched from cocoon of *Trichogramma* ... in park of Birch trees for Forest House, *Bayanabata*, Co. Wick. ... by D.R. ...

16/5/26. St. Anne's, Clontarf, Co. Du. E. O'Shaughnessy.

Dolerus nigratus 1 ♂. ^{✓RCLP} + 3 ♂♂ 3 ♀♀. *D. picipes* 2 ♂♂ 1 ♀ ^{✓RCLP}

18/5/26. Sutton, Co. Du. E. O'Shaughnessy.

Dolerus nigratus 1 ♂. ^{✓RCLP}

15/5/26. Killarock, Co. Du. E. O'Shaughnessy.

Dolerus picipes 1 ♂. ^{✓RCLP}

23/5/26. Lane & field, S. of Anghar, Cartrane, DU.

A dull warm day, with east wind, but no rain till 4 p.m.

Andrena gaebecki ♂♂ & ♀♀. *A. albicans* ♀♀ at railway

" *fructu* ♂♂

" *utricula* ♂♂ at railway bridge ✓

Salix fusca ♀ at railway

Tenthredinidae.

Pachynematus xanthocarpus or *apicalis* 1 ♀. ^{✓RCLP} ("seems to me intermediate in supposed difference in length of antennae" RCLP.)

Schizocera geminata. ♂♂ & ♀♀. ^{✓RCLP} at *Rosa spinosissima* in lane.

Hoplocampa pectoralis: 3 ♂♂ 3 ♀♀. ^{✓RCLP} *H. crataegi* 1 ♂ 1 ♀. ^{✓RCLP} all on flowers of Hawthorn.

Dolerus picipes 1 ♀. ^{✓RCLP} in lane.

" *niger*. ♂♂ at Ash tree in field. ^{✓RCLP}

Tenthredella atra 1 ♂. ^{✓RCLP} at *Lycamore* tree in field hedge.

Emphytes cinctus ♂ seen in lane at *Rosa spinosissima*.

Ametastegia equiseti 1 (?♂). ^{✓RCLP}

Ichneumon ... *Pimpla* ... ♀ on Hawthorn

P. tumida ♂ (or *flavicornis* ♂ or ? *prominella*)

but all up to ... on *Rosa* in lane!

27/5/26. Glen of Inaal, road by the bridge over the Slaney near Davidstown, Co. WI. A.S.

183. *Salix aurita* in good flower here & up to 1200 ft by Camara hill brook! A dull mild day with misty rain afterwards. Took all below by sweeping willows & sedge & ?

Aiduna albicans several ♂♂ flying round willows

Teuthrodonta

Dolerus bimaculatus 10♂ ^{✓RCLP.} on sedge or reeds.

Pontania leucosticta 20♂ ^{✓RCLP.} at willows.

Eura saliceti 20♂ ^{✓RCLP.} at willows.

Pteronidea curtispina? 10♂ ("very doubtful: might be *polytipula* or some character" RCLP)

Tomostethus luteiventris 1♀ ^{✓RCLP.}

Ichneumon on willows

Stenomacrus consularis Haliday ♂, fide G. J. Kennel, Sept. 1950.

183 by the bridge over the Slaney

30/5/26. Povercourt, Co. WI.

Long stream by the road
good drift of the
stone forest etc.

- ① Bush, wood on hillside along river bank, among trees
- ② Same as above, more near as. from House
- ③ Lower end of Dufficks.

Hyssopus ^{✓R.C.L.P.} specimens of *entelapha* *Polemonis* 4 specimens at 3.

Teuthrodella poruginea 10♂ ^{✓RCLP.} at 1. *Teuthredo arcuata*, ♂♂ only at 2 & 3.

Dolerus gormieri 11♂♂ 3♀♀ at 3. *Dolerus bimaculatus* 2♂♂ 9♀♀ at 3 as usual.

Athalia lineolata 1♀ ^{✓RCLP.}

Nematus luteus 1♀ at 3, but? on roses or hawthorn or some? ^{✓RCLP.}
"Has some trace of *bilineatus* characters" RCLP.

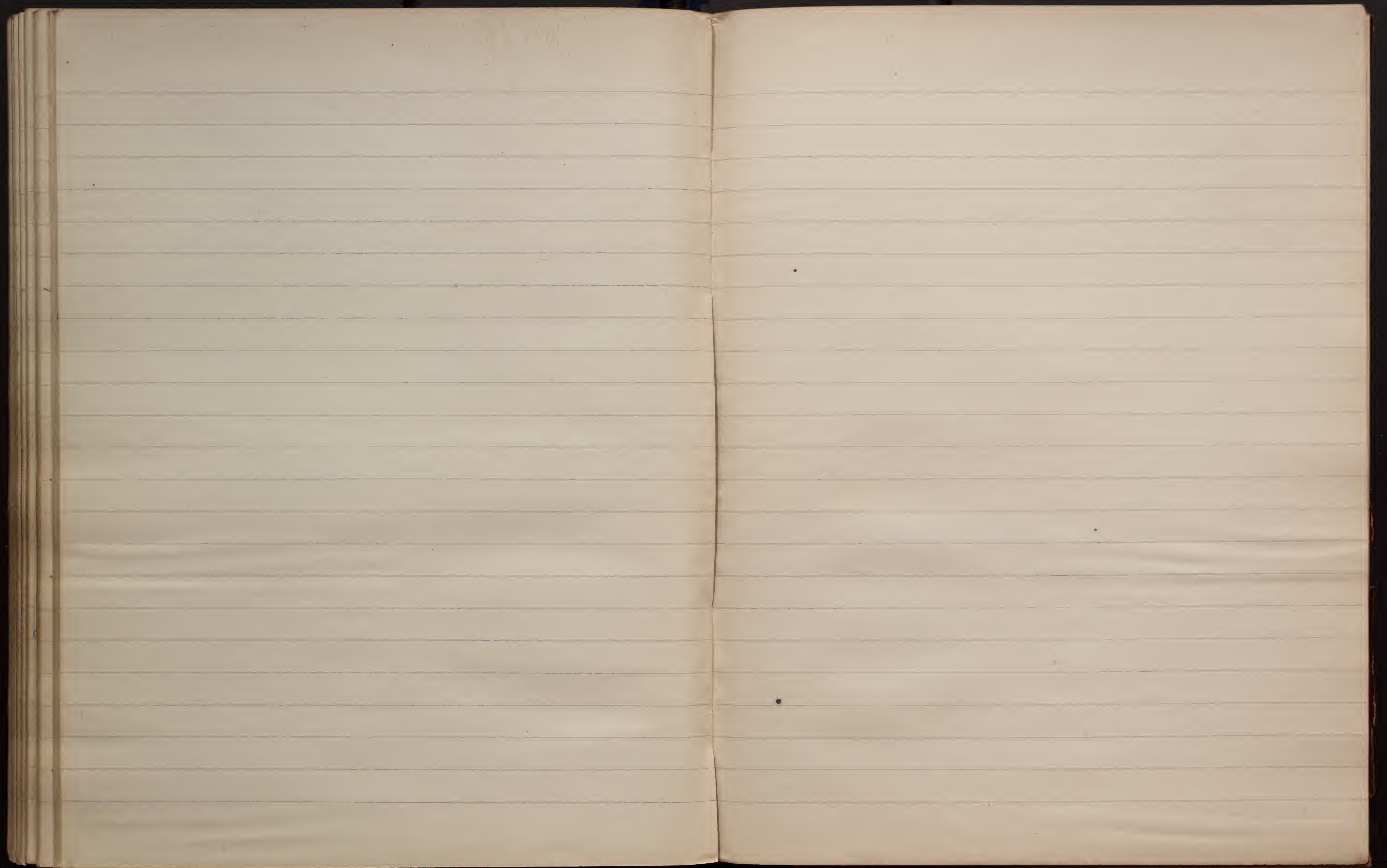
This ♀ re-examined by R. B. Benson in March 1936 & in litt. to A.N.S. dated 19.3.36 he calls this *N. luteus* v. *antennatus* Cam. but suggests that it is really a distinct species from *luteus*, adding that all Scottish specimens have "three black marks on the thorax while all the English specimens have not" A.N.S.

30/5/26. Marsh, between roads, at Enniskerry, Co. WI. A.S.

Tomostethus luteiventris 1♀ ^{✓RCLP.}

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Ballybetagh, Du + W', 24.6.1925.



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